

Wednesday 17 January 2018

P8\_TA(2018)0011

**Governance of the Energy Union \*\*\*I**

**Amendments adopted by the European Parliament on 17 January 2018 on the proposal for a regulation of the European Parliament and of the Council on the Governance of the Energy Union, amending Directive 94/22/EC, Directive 98/70/EC, Directive 2009/31/EC, Regulation (EC) No 663/2009, Regulation (EC) No 715/2009, Directive 2009/73/EC, Council Directive 2009/119/EC, Directive 2010/31/EU, Directive 2012/27/EU, Directive 2013/30/EU and Council Directive (EU) 2015/652 and repealing Regulation (EU) No 525/2013 (COM(2016)0759 — C8-0497/2016 — 2016/0375(COD))** <sup>(1)</sup>

(Ordinary legislative procedure: first reading)

(2018/C 458/17)

**Amendment 1****Proposal for a regulation****Recital 1***Text proposed by the Commission*

- (1) This Regulation sets out the necessary legislative foundation for a reliable **and** transparent Governance that ensures the achievement of the objectives and targets of the Energy Union through complementary, coherent and ambitious efforts by the Union and its Member States, while **promoting the Union's Better Regulation principles**.

*Amendment*

- (1) This Regulation sets out the necessary legislative foundation for a reliable, **inclusive, cost-efficient, transparent and predictable** Governance that ensures the achievement of the **2030 and long-term** objectives and targets of the Energy Union **in line with the 2015 Paris Agreement on climate change following the 21st Conference of the Parties to the United Nations Framework Convention on Climate Change (the 'Paris Agreement')**, through complementary, coherent, and ambitious efforts by the Union and its Member States, while **limiting administrative complexity**.

**Amendment 3****Proposal for a regulation****Recital 3***Text proposed by the Commission*

- (3) The goal of a resilient Energy Union with an ambitious climate policy at its core is to give Union consumers, both households and businesses, secure, sustainable, competitive and affordable energy, which requires a fundamental transformation of Europe's energy system. That objective can only be achieved through coordinated action, combining both legislative and non-legislative acts at Union **and** national level.

*Amendment*

- (3) The goal of a resilient Energy Union with an ambitious climate policy at its core is to give Union consumers, both households and businesses, secure, sustainable, competitive and affordable energy, **and to foster research and innovation by means of attracting investments**, which requires a fundamental transformation of Europe's energy system. That objective can only be achieved through coordinated action, combining both legislative and non-legislative acts at Union, **macro-regional, regional, national, and local** level.

<sup>(1)</sup> The matter was referred back for interinstitutional negotiations to the committees responsible, pursuant to Rule 59(4) fourth subparagraph (A8-0402/2017).

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**Amendment 4**  
**Proposal for a regulation**  
**Recital 3 a (new)**

*Text proposed by the Commission*

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*Amendment*

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- (3a) ***A fully functional and resilient Energy Union would convert the Union into a leading region for innovation, investments, growth and social and economic development, in turn providing a good example of how pursuing high ambitions in terms of climate change mitigation is intertwined with measures to foster innovation, investments and growth.***

**Amendment 5**  
**Proposal for a regulation**  
**Recital 4**

*Text proposed by the Commission*

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*Amendment*

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- (4) The Commission's proposal was developed in parallel to and is adopted together with a series of initiatives in sectorial energy policy, notably with regard to renewable energy, energy efficiency and market design. Those initiatives form a package under the overarching theme of energy efficiency first, the Union's global leadership in renewables, and a fair deal for energy consumers.

- (4) The Commission's proposal was developed in parallel to and is adopted together with a series of initiatives in sectorial energy policy, notably with regard to renewable energy, energy efficiency (***including on the energy performance of buildings***) and market design. Those initiatives form a package under the overarching theme of energy efficiency first, the Union's global leadership in renewables, and a fair deal for energy consumers, ***including by addressing energy poverty and promoting fair competition on the internal market.***

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**Amendment 6**  
**Proposal for a regulation**

**Recital 5**

*Text proposed by the Commission*

- (5) The European Council **agreed** on 24 October 2014 **on the** 2030 Framework for Energy and Climate for the Union based on four key targets: at least 40 % cut in economy wide greenhouse gas ('GHG') emissions, at least 27 % improvement in energy efficiency with a view to a level of 30 %, at least 27 % for the share of renewable energy consumed in the Union, and at least 15 % for electricity interconnection. It specified that the target for renewable energy is binding at Union level and that it will be fulfilled through Member States' contributions guided by the need to deliver collectively the Union target.

*Amendment*

- (5) The European Council **proposed** on 24 October 2014 **a** 2030 Framework for Energy and Climate for the Union based on four key targets: at least 40 % cut in economy wide greenhouse gas ('GHG') emissions, at least 27 % improvement in energy efficiency with a view to a level of 30 %, at least 27 % for the share of renewable energy consumed in the Union, and at least 15 % for electricity interconnection. It specified that the target for renewable energy is binding at Union level and that it will be fulfilled through Member States' contributions guided by the need to deliver collectively the Union target. **However, this Regulation reflects the targets agreed upon in the sectoral legislation.**

**Amendment 7**  
**Proposal for a regulation**  
**Recital 5 a (new)**

*Text proposed by the Commission*

*Amendment*

- (5a) **The European Council agreed on 24 October 2014 that the Commission, supported by the Member States, will take urgent measures in order to ensure the achievement of a minimum target of 10 % of existing electricity interconnections, as a matter of urgency, and no later than 2020, at least for Member States which have not yet attained a minimum level of integration in the internal energy market.**

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**Amendment 8**  
**Proposal for a regulation**  
**Recital 6 a (new)**

*Text proposed by the Commission*

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*Amendment*

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- (6a) *The Paris Agreement substantially increased the level of global ambition on climate change mitigation, with signatories to it committing to ‘holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1,5 °C above pre-industrial levels’. The Union needs to prepare for much deeper and faster cuts in emissions than previously foreseen. At the same time such reductions are feasible at a lower cost than previously assessed, given the pace of development and deployment of renewable energy technologies.*

**Amendment 9**  
**Proposal for a regulation**  
**Recital 6 b (new)**

*Text proposed by the Commission*

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*Amendment*

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- (6b) *In line with the aim of the Paris Agreement to achieve a balance between anthropogenic emissions by sources and removals of GHG by sinks in the second half of the 21st century, the Union should aim, on an equitable basis, to reach net-zero emissions domestically by 2050, followed by a period of negative emissions.*

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**Amendment 10**  
**Proposal for a regulation**  
**Recital 6 c (new)**

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*Text proposed by the Commission*

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*Amendment*

- (6c) *For the climate system it is the cumulative total anthropogenic emissions over time that are relevant for the total concentration of greenhouse gases in the atmosphere. In order to be consistent with the commitments of Paris Agreement, it is necessary to analyse the global carbon budget which is consistent with pursuing efforts to limit the temperature increase to 1,5 °C above pre-industrial levels, and establish a Union fair share of the remaining global carbon budget for the Union. Long-term climate and energy strategies should be consistent with that carbon budget.*

**Amendment 11**  
**Proposal for a regulation**  
**Recital 6 d (new)**

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*Text proposed by the Commission*

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*Amendment*

- (6d) *The Union and the Member States should keep the climate and energy targets under regular review and should revise the targets upwards as necessary, to reflect successive reviews carried out within the UNFCCC process and to reflect the latest scientific evidence on the pace and impacts of climate change.*

**Amendment 12**  
**Proposal for a regulation**  
**Recital 6 e (new)**

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*Text proposed by the Commission*

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*Amendment*

- (6e) *Even though the Union pledged to deliver by far the most ambitious cuts in GHG emissions by 2030, it cannot combat the threat of climate change alone. The Commission and the Member States should use every opportunity to persuade in particular countries profiting from international trade with the Union to assume a proportional share of global responsibility and raise the level of their ambition to the one of the Union.*

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**Amendment 13**  
**Proposal for a regulation**

**Recital 7**

*Text proposed by the Commission*

- (7) The European Council also concluded on 24 October 2014<sup>(14)</sup> that a reliable and transparent governance system, without any unnecessary administrative burden, should be developed to help ensure that the Union meets its energy policy goals, **with the necessary flexibility for Member States and** fully respecting **their** freedom to determine their energy mix. It emphasized that such governance system should build on existing building blocks, such as national climate programmes, national plans for renewable energy and energy efficiency as well as the need to streamline and bring together separate planning and reporting strands. It also agreed to step up the role and rights of consumers, transparency and predictability for investors, inter alia by systematic monitoring of key indicators for an affordable, safe, competitive, secure and sustainable energy system and to facilitate coordination of national energy policies and foster regional cooperation between Member States.

<sup>(14)</sup> Conclusions of the European Council 23 — 24 October 2014 (EUCO 169/14).

*Amendment*

- (7) The European Council also concluded on 24 October 2014<sup>(14)</sup> that a reliable and transparent governance system, without any unnecessary administrative burden **and with sufficient flexibility for Member States**, should be developed to help ensure that the Union meets its energy policy goals, **while** fully respecting **Member States'** freedom to determine their energy mix. It emphasized that such governance system should build on existing building blocks, such as national climate programmes, national plans for renewable energy and energy efficiency as well as the need to streamline and bring together separate planning and reporting strands. It also agreed to step up the role and rights of consumers, transparency and predictability for investors, inter alia by systematic monitoring of key indicators for an affordable, safe, competitive, secure and sustainable energy system and to facilitate coordination of national **climate and** energy policies and foster regional cooperation between Member States.

<sup>(14)</sup> Conclusions of the European Council 23 — 24 October 2014 (EUCO 169/14).

**Amendment 14**  
**Proposal for a regulation**

**Recital 10**

*Text proposed by the Commission*

- (10) The Conclusions of the Council of 26 November 2015<sup>(16)</sup> recognised that the Governance of the Energy Union will be an essential tool for the efficient and effective construction of the Energy Union and the achievement of its objectives. They underlined that the governance system should be based on the principles of integration of strategic planning and reporting on the implementation of climate and energy policies and coordination between actors responsible for energy and climate policy, at Union, regional and national level. They also underlined that the Governance should ensure that the agreed energy and climate targets for 2030 are met; and that the Governance would monitor the Union's collective progress towards the achievement of **the policy** objectives across the five dimensions of the Energy Union.

<sup>(16)</sup> Conclusions of the Council of 26 November 2015 (14632/15).

*Amendment*

- (10) The Conclusions of the Council of 26 November 2015<sup>(16)</sup> recognised that the Governance of the Energy Union will be an essential tool for the efficient and effective construction of the Energy Union and the achievement of its objectives. They underlined that the governance system should be based on the principles of integration of strategic planning and reporting on the implementation of climate and energy policies and coordination between actors responsible for energy and climate policy, at Union, regional and national level. They also underlined that the Governance should ensure that the agreed energy and climate targets for 2030 are met; and that the Governance would monitor **each Member State's and** the Union's collective progress towards the achievement of **targets and** objectives across the five dimensions of the Energy Union.

<sup>(16)</sup> Conclusions of the Council of 26 November 2015 (14632/15).

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**Amendment 15**  
**Proposal for a regulation**

**Recital 12**

*Text proposed by the Commission*

- (12) Therefore, the main objective of the Energy Union Governance should be to enable the achievement of the objectives of the Energy Union and in particular the targets of the 2030 Framework for Climate and Energy. This Regulation is therefore linked to sectorial legislation implementing the 2030 targets for energy and climate. While Member States need flexibility to choose policies that are best-matched to their national energy mix and preferences, that flexibility should be compatible with further market integration, increased competition, the attainment of climate and energy objectives and the gradual shift towards a low-carbon economy.

*Amendment*

- (12) Therefore, the main objective of the Energy Union Governance should be to enable the achievement of the objectives of the Energy Union and in particular the targets of the 2030 Framework for Climate and Energy, **in the field of GHG emissions reduction, renewable energy sources and energy efficiency**. This Regulation is therefore linked to sectorial legislation implementing the 2030 targets for energy and climate. While Member States need flexibility to choose policies that are best-matched to their national energy mix and preferences, that flexibility should be compatible with further market integration, increased competition, the attainment of climate and energy objectives and the gradual shift towards a **sustainable** low-carbon economy **based on a highly energy-efficient, renewables-based energy system. A mandatory template for the long-term climate and energy strategies should be introduced to ensure their quality and comparability**.

**Amendment 16**  
**Proposal for a regulation**

**Recital 13**

*Text proposed by the Commission*

- (13) The transition to a low-carbon economy requires changes in investment behaviour and incentives across the entire policy spectrum. Achieving greenhouse gas emission reductions requires a boost to efficiency and innovation in the European economy and in particular should also lead to improvements of air quality.

*Amendment*

- (13) The **socially acceptable** transition to a **sustainable**, low-carbon economy requires **substantial** changes in investment behaviour, **particularly regarding public and private investment**, and incentives across the entire policy spectrum **as well as regional market reform**. Achieving greenhouse gas emission reductions requires a boost to efficiency and innovation in the European economy and in particular should also **create sustainable jobs and** lead to improvements of air quality.

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**Amendment 17**  
**Proposal for a regulation**  
**Recital 13 a (new)**

*Text proposed by the Commission*

*Amendment*

- (13a) *The Union and the Member States should undertake concrete actions by which to ban energy subsidies, at least for fossil fuels, in order to comply with the international commitments of the G-7 and the G-20 and in the Paris Agreement.*

**Amendment 18**  
**Proposal for a regulation**  
**Recital 14**

*Text proposed by the Commission*

*Amendment*

- (14) As greenhouse gases and air pollutants largely derive from common sources, policy designed to reduce GHGs can have co-benefits for air quality that could offset **some or all of** the near-term costs of GHG mitigation. As data reported under Directive 2001/81/EC of the European Parliament and the Council<sup>(18)</sup> represent an important input for the compilation of the GHG inventory and the national plans, the importance of compilation and reporting of consistent data between Directive 2001/81/EC and the GHG inventory should be recognised.

<sup>(18)</sup> Directive 2001/81/EC of the European Parliament and the Council on National Emission Ceilings for certain pollutants (OJ L 309, 27.11.2001, p. 22).

- (14) As greenhouse gases and air pollutants largely derive from common sources, policy designed to reduce GHGs can have co-benefits for **public health and** air quality, **in particular in urban areas**, that could offset the near-term costs of GHG mitigation. As data reported under Directive 2001/81/EC of the European Parliament and the Council<sup>(18)</sup> represent an important input for the compilation of the GHG inventory and the national plans, the importance of compilation and reporting of consistent data between Directive 2001/81/EC and the GHG inventory should be recognised.

<sup>(18)</sup> Directive 2001/81/EC of the European Parliament and the Council on National Emission Ceilings for certain pollutants (OJ L 309, 27.11.2001, p. 22).



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**Amendment 19**  
**Proposal for a regulation**  
**Recital 16**

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*Text proposed by the Commission*

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(16) In line with the Commission's strong commitment to Better Regulation, the Energy Union Governance should result in a significant reduction of administrative **burden** for the Member States, the Commission and other Union Institutions and it should help to ensure coherence and adequacy of policies and measures at Union **and** national level with regard to the transformation of the energy system towards a low-carbon economy.

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*Amendment*

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(16) In line with the Commission's strong commitment to Better Regulation **and consistent with a policy for research, innovation and investments**, the Energy Union Governance should result in a significant reduction of administrative **complexity** for the Member States **and relevant stakeholders**, the Commission and other Union Institutions and it should help to ensure coherence and adequacy of policies and measures at Union, **macro-regional, regional**, national, **and local** level with regard to the transformation of the energy system towards a **sustainable** low-carbon economy

**Amendment 20**  
**Proposal for a regulation**  
**Recital 17**

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*Text proposed by the Commission*

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(17) The achievement of the Energy Union objectives should be ensured through a combination of Union initiatives and coherent national policies set out in integrated national energy and climate plans. Sectorial Union legislation in the energy and climate fields sets out planning requirements, which have been useful tools to drive change at the national level. Their introduction at different moments in time has led to overlaps and insufficient consideration of synergies and interactions between policy areas. Current separate planning, reporting and monitoring in the climate and energy fields should **therefore as far as possible** be streamlined and integrated.

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*Amendment*

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(17) The achievement of the Energy Union **targets and** objectives should be ensured through a combination of Union initiatives and coherent national policies set out in integrated national energy and climate plans. Sectorial Union legislation in the energy and climate fields sets out planning requirements, which have been useful tools to drive change at the national level. Their introduction at different moments in time has led to overlaps and insufficient consideration of synergies and interactions between policy areas, **to the detriment of cost-efficiency**. Current separate planning, reporting and monitoring in the climate and energy fields should, **where relevant**, be streamlined and integrated.

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**Amendment 21**  
**Proposal for a regulation**  
**Recital 17 a (new)**

*Text proposed by the Commission*

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*Amendment*

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- (17a) ***An assessment of the interactions between existing and planned policies and measures to achieve decarbonisation is necessary and Member States should produce a quantitative or qualitative evaluation.***

**Amendment 22**  
**Proposal for a regulation**  
**Recital 17 b (new)**

*Text proposed by the Commission*

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*Amendment*

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- (17b) ***Member States should ensure policy coherence between their national energy and climate plans and their long-term low emission strategies with the UN 2030 Agenda for Sustainable Development.***

**Amendment 23**  
**Proposal for a regulation**  
**Recital 18**

*Text proposed by the Commission*

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*Amendment*

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- (18) The integrated national energy and climate plans should cover ten-year periods and provide an overview of the current energy system and policy situation. They should set out national objectives for each of the five key dimensions of the Energy Union and corresponding policies and measures to meet those objectives and have an analytical basis. The national plans covering the first period from 2021 to 2030 should pay particular attention to the 2030 targets for greenhouse gas emission reductions, renewable energy, energy efficiency and electricity interconnection. Member States should aim to ensure that the national plans are consistent with and contribute to achieving the Sustainable Development Goals.

- (18) The integrated national energy and climate plans should cover ten-year periods and provide an overview of the current energy system and policy situation. They should set out national ***targets or*** objectives for each of the five key dimensions of the Energy Union and corresponding policies and measures to meet those objectives and have an analytical basis. The national plans covering the first period from 2021 to 2030 should pay particular attention to the 2030 targets for greenhouse gas emission reductions, renewable energy, energy efficiency and electricity interconnection. Member States should aim to ensure that the national plans are consistent with and contribute to achieving the Sustainable Development Goals.

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**Amendment 24**  
**Proposal for a regulation**  
**Recital 18 a (new)**

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*Text proposed by the Commission*

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*Amendment*

- (18a) When preparing their integrated national energy and climate plan, Member States should assess the number of households in energy poverty, taking into account the necessary domestic energy services needed to guarantee basic standards of living in the relevant national context, which they may not be able to afford due to a combination of low income, high energy expenditure and poor energy efficiency of their households. Member States should outline existing and planned policies and measures addressing energy poverty **and, where necessary, include a national objective to reduce the number of households in energy poverty. The Commission should adopt a common methodology for Member States to define energy poverty and each Member State should define households in energy poverty in accordance with their specific national circumstances.**

**Amendment 25**  
**Proposal for a regulation**  
**Recital 18 b (new)**

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*Text proposed by the Commission*

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*Amendment*

- (18b) **Member States should ensure that Union funding from the 2014 to 2020 multiannual financial framework is included in their integrated national energy and climate plans. National allocations from the post-2020 multiannual financial framework should actively contribute to the achievement of Energy Union targets and objectives, in particular in the sectors of greenhouse gas emission reductions including removals by sinks, renewable energy and energy efficiency. To that end, the programming process at national and local level for the post-2020 multiannual financial framework should take place in combination with a Commission assessment of integrated national energy and climate plans to reflect a high ambition, in particular in the light of the long-term objectives of the Paris Agreement and the Sustainable Development Goals.**

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**Amendment 26**  
**Proposal for a regulation**  
**Recital 19 a (new)**

*Text proposed by the Commission*

*Amendment*

- (19a) **Member States should establish a permanent multi-level energy dialogue platform gathering local authorities, civil society organisations, business community, investors and other relevant stakeholders to discuss the different options envisaged for energy and climate policies. Integrated national energy and climate plans as well as long-term climate and energy strategies should be discussed within the framework of that platform.**

**Amendment 27**  
**Proposal for a regulation**  
**Recital 20**

*Text proposed by the Commission*

*Amendment*

- (20) The implementation of policies and measures in the areas of the energy and climate has an impact on the environment. Member States should therefore ensure that the public is given early and effective opportunities to participate in and to be consulted on the preparation of the integrated national energy and climate plans in accordance, where applicable, with the provisions of Directive 2001/42/EC of the European Parliament and of the Council<sup>(24)</sup> and the United Nations Economic Commission for Europe ('UNECE') Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters of 25 June 1998 (the 'Aarhus convention'). Member States should also ensure involvement of social partners in the preparation of the integrated national energy and climate plans.

<sup>(24)</sup> Directive 2001/42/EC of the European Parliament and of the Council of 27 June 2001 on the assessment of the effects of certain plans and programmes on the environment (OJ L 197, 21.7.2001, p. 30).

- (20) The implementation of policies and measures in the areas of the energy and climate has an impact on the environment. Member States should therefore ensure that the public is given early and effective opportunities to participate **actively** in and to be consulted on the preparation of the integrated national energy and climate plans **and long-term climate and energy strategies** in accordance, where applicable, with the provisions of Directive 2001/42/EC of the European Parliament and of the Council<sup>(24)</sup> and the United Nations Economic Commission for Europe ('UNECE') Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters of 25 June 1998 (the 'Aarhus convention'). Member States should also ensure involvement of **the** social partners, **local authorities and all relevant stakeholders from early stages of the planning and reporting processes and** in the preparation of the integrated national energy and climate plans **and long-term strategies**.

<sup>(24)</sup> Directive 2001/42/EC of the European Parliament and of the Council of 27 June 2001 on the assessment of the effects of certain plans and programmes on the environment (OJ L 197, 21.7.2001, p. 30).

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**Amendment 28**  
**Proposal for a regulation**

**Recital 21**

*Text proposed by the Commission*

- (21) Regional cooperation **is key to ensure an effective achievement of the objectives of the Energy Union.** Member States should get the opportunity to comment on other Member States' plans before they are finalised to avoid inconsistencies and potential negative impacts on other Member States and ensure that common objectives are met collectively. Regional cooperation in elaborating and finalising national plans as well as in the subsequent implementation of national plans should be essential to improve effectiveness and efficiency of measures and foster market integration and energy security.

*Amendment*

- (21) **Macro-regional and regional cooperation are necessary for Member States to implement, jointly, certain policies and measures contributing to the achievement of common targets and objectives in a cost-optimal manner. The Commission should facilitate such cooperation between the Member States.** Member States should **also** get the opportunity to comment on other Member States' plans before they are finalised to avoid inconsistencies and potential negative impacts on other Member States and ensure that common objectives are met collectively. **Macro-regional and regional cooperation** in elaborating and finalising national plans as well as in the subsequent implementation of national plans should be essential to improve effectiveness and efficiency of measures and foster market integration and energy security.

**Amendment 30**  
**Proposal for a regulation**

**Recital 22**

*Text proposed by the Commission*

- (22) National plans should be stable to ensure transparency and predictability of national policies and measures in order to ensure **investor** certainty. **Updates** of national plans **should however be foreseen once during the ten-year period covered to** give Member States the opportunity to adapt to significant changing circumstances. **For the plans covering the period from 2021 to 2030, Member States should be able to update their plans by 1 January 2024.** Targets, objectives and **contributions** should only be modified to reflect an increased overall ambition in particular as regards the **2030** targets for energy and climate. As part of **the updates**, Member States should make efforts to mitigate any adverse environmental impacts that become apparent as part of the integrated reporting.

*Amendment*

- (22) National plans should be stable to ensure transparency and predictability of national policies and measures in order to ensure **investment** certainty. **The regular submission** of national plans **over ten-year rolling periods** give Member States the opportunity to adapt to significant changing circumstances. Targets **and** objectives should only be modified to reflect an increased overall ambition in particular as regards the targets for energy and climate. As part of **those plans**, Member States should make efforts to mitigate any adverse environmental impacts that become apparent as part of the integrated reporting.

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**Amendment 31**  
**Proposal for a regulation**  
**Recital 23**

*Text proposed by the Commission*

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(23) Stable long-term **low emission** strategies are crucial to contribute towards economic transformation, jobs, growth and the achievement of broader sustainable development goals, as well as to move in a fair and cost-effective manner towards the long-term goal set by the Paris Agreement. Furthermore, Parties to the Paris Agreement are invited to communicate, by 2020, their mid-century, long-term low greenhouse gas emission development strategies.

*Amendment*

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(23) Stable long-term **climate and energy** strategies are crucial to contribute towards economic transformation, jobs, growth and the achievement of broader sustainable development goals, as well as to move in a fair and cost-effective manner towards the long-term goal set by the Paris Agreement. Furthermore, Parties to the Paris Agreement are invited to communicate, by 2020, their mid-century, long-term low greenhouse gas emission development strategies.

**Amendment 32**  
**Proposal for a regulation**  
**Recital 23 a (new)**

*Text proposed by the Commission*

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*Amendment*

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(23a) **Member States should develop long-term climate and energy strategies for 2050 and beyond identifying the necessary transformations in different sectors that are necessary to shift to a renewable energy system and achieve the goals of the Paris Agreement. The strategies should be consistent with the Union's fair share of remaining global carbon budget and should be developed in an open and transparent manner and with the full involvement of relevant stakeholders. The integrated national energy and climate plans should be based on the long-term climate and energy strategies and consistent with them.**

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**Amendment 33**  
**Proposal for a regulation**  
**Recital 23 b (new)**

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*Text proposed by the Commission*

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*Amendment*

- (23b) *The land use, land use change and forestry (LULUCF) sector is highly exposed and very vulnerable to climate change. At the same time, the sector has huge potential to provide for long-term climate benefits and to contribute significantly to the achievement of Union and international long-term climate goals. It can contribute to climate change mitigation in several ways, in particular by reducing emissions, maintaining and enhancing sinks and carbon stocks, and providing bio-materials that can substitute fossil or carbon-intensive materials. In order for measures aiming in particular at increasing carbon sequestration to be effective, the sustainable resource management and long-term stability and adaptability of carbon pools is essential. Long-term strategies are essential to allow for sustainable investments in the long run.*

**Amendment 34**  
**Proposal for a regulation**  
**Recital 23 c (new)**

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*Text proposed by the Commission*

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*Amendment*

- (23c) *When developing further interconnections, it is important to make a complete assessment of the costs and benefits, including the full technical, socio-economic and environmental impacts, thereof as required by the TEN-E Regulation and take into account the positive externalities of interconnections, such as the integration of renewables, the security of supply and the increased competition in the internal market.*

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**Amendment 35**  
**Proposal for a regulation**

**Recital 24**

*Text proposed by the Commission*

(24) As is the case for planning, sectorial Union legislation in the energy and climate fields sets out reporting requirements, many of which have been useful tools to drive change at the national level, but those requirements have been introduced at different moments in time which has led to overlaps and insufficient consideration of synergies and interactions between policy areas such as GHG mitigation, renewable energy, energy efficiency and market integration. To strike the right balance between the need to ensure a proper follow-up of the implementation of national plans and the need to reduce administrative **burden**, Member States should establish biennial progress reports on the implementation of the plans and other developments in the energy system. Some reporting however, particularly with regard to reporting requirements in the climate field stemming from the United Nations Framework Convention on Climate Change ('UNFCCC') and Union Regulations, would still be necessary on a yearly basis.

*Amendment*

(24) As is the case for planning, sectorial Union legislation in the energy and climate fields sets out reporting requirements, many of which have been useful tools to drive change at the national level, **complementary to market reforms**, but those requirements have been introduced at different moments in time which has led to overlaps and **cost-inefficiency, as well as** insufficient consideration of synergies and interactions between policy areas such as GHG mitigation, renewable energy, energy efficiency and market integration. To strike the right balance between the need to ensure a proper follow-up of the implementation of national plans and the need to reduce administrative **complexity**, Member States should establish biennial progress reports on the implementation of the plans and other developments in the energy system. Some reporting however, particularly with regard to reporting requirements in the climate field stemming from the United Nations Framework Convention on Climate Change ('UNFCCC') and Union Regulations, would still be necessary on a yearly basis.

**Amendment 36**  
**Proposal for a regulation**

**Recital 25**

*Text proposed by the Commission*

(25) Member States' integrated progress reports should mirror the elements set out in the template for the national plans. A template for the integrated progress reports should be detailed in subsequent implementing act(s) given their technical nature and the fact that the first progress reports are due in 2021. The progress reports should be carried out in order to ensure transparency towards the Union, other Member States **and** market actors including consumers. They should be comprehensive across the five dimensions of the Energy Union and, for the first period, at the same time put emphasis on areas covered by the targets of the 2030 Climate and Energy Framework.

*Amendment*

(25) Member States' integrated progress reports should mirror the elements set out in the template for the national plans. A template for the integrated progress reports should be detailed in subsequent implementing act(s) given their technical nature and the fact that the first progress reports are due in 2021. The progress reports should be carried out in order to ensure transparency towards the Union, other Member States, **regional and local authorities**, market actors including consumers, **any other relevant stakeholders and the general public**. They should be comprehensive across the five dimensions of the Energy Union and, for the first period, at the same time put emphasis on areas covered by the targets of the 2030 Climate and Energy Framework.



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**Amendment 37**  
**Proposal for a regulation**

**Recital 28**

*Text proposed by the Commission*

- (28) The experience in the implementation of Regulation (EU) No 525/2013 demonstrated the importance of transparency, accuracy, consistency, completeness and comparability of information. Building on that experience, this Regulation should ensure that Member States report on their policies and measures and projections as a key component of the progress reports. The information in those reports should be essential for demonstrating the timely implementation of commitments under Regulation [] [ESR]. Operating and continuously improving systems at Union and Member State level coupled with better guidance on reporting should significantly contribute towards an on-going strengthening of the information necessary in order to track progress in the decarbonisation dimension.

*Amendment*

- (28) The experience in the implementation of Regulation (EU) No 525/2013 demonstrated the importance of transparency, accuracy, consistency, completeness and comparability of information. Building on that experience, this Regulation should ensure that Member States **use credible and consistent data and assumptions across the five dimensions and make publicly available data used in making scenarios and modelling and** report on their policies and measures and projections as a key component of the progress reports. The information in those reports should be essential for demonstrating the timely implementation of commitments under Regulation [] [ESR]. Operating and continuously improving systems at Union and Member State level coupled with better guidance on reporting should significantly contribute towards an on-going strengthening of the information necessary in order to track progress in the decarbonisation dimension.

**Amendment 38**  
**Proposal for a regulation**

**Recital 30**

*Text proposed by the Commission*

- (30) In order to limit administrative **burden** on Member States and the Commission, the latter should establish **an** online **reporting** platform to facilitate communication **and promote** cooperation. That should ensure timely submission of reports and facilitate improved transparency on national reporting. The **e-reporting** platform should complement, build on and benefit from existing reporting processes, databases and e-tools, such as those of the European Environment Agency, Eurostat, the Joint Research Centre and the lessons learned from the Union's Eco-Management and Audit Scheme.

*Amendment*

- (30) In order to **increase transparency in energy and climate policy-making and to** limit administrative **complexity** on Member States and the Commission, the latter should establish **a public** online platform to facilitate **public access to information**, communication **between the Commission and the Member States as well as** cooperation **among Member States**. That should ensure timely submission of reports and facilitate improved transparency on national reporting. The **e-platform** platform should complement, build on and benefit from existing reporting processes, databases and e-tools, such as those of the European Environment Agency, Eurostat, the Joint Research Centre and the lessons learned from the Union's Eco-Management and Audit Scheme.

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**Amendment 39**  
**Proposal for a regulation**  
**Recital 31**

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*Text proposed by the Commission*

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(31) As concerns data to be provided to the Commission by means of national planning and reporting, information from Member States should not duplicate data and statistics which have already been made available via Eurostat in the context of Regulation (EC) No 223/2009 of the European Parliament and of the Council<sup>(27)</sup> in the same form as under the planning and reporting obligations of this Regulation and are still available from Eurostat with the same values. Where available and appropriate in terms of timing, reported data and projections provided in the national energy and climate plans should build on and be consistent with Eurostat data and the methodology used for reporting European statistics in accordance with Regulation (EC) No 223/2009.

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<sup>(27)</sup> Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics and repealing Regulation (EC, Euratom) No 1101/2008 of the European Parliament and of the Council on the transmission of data subject to statistical confidentiality to the Statistical Office of the European Communities, Council Regulation (EC) No 322/97 on Community Statistics, and Council Decision 89/382/EEC, Euratom establishing a Committee on the Statistical Programmes of the European Communities (OJ L 87, 31.3.2009, p. 164).

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*Amendment*

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(31) ***In order to avoid delayed action at Union level, the Commission should use annual GHG, renewables and energy efficiency estimates provided by the European Environment Agency to assess progress towards 2030 targets.*** As concerns data to be provided to the Commission by means of national planning and reporting, information from Member States should not duplicate data and statistics which have already been made available via Eurostat in the context of Regulation (EC) No 223/2009 of the European Parliament and of the Council<sup>(27)</sup> in the same form as under the planning and reporting obligations of this Regulation and are still available from Eurostat with the same values. Where available and appropriate in terms of timing, reported data and projections provided in the national energy and climate plans should build on and be consistent with Eurostat data and the methodology used for reporting European statistics in accordance with Regulation (EC) No 223/2009.

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<sup>(27)</sup> Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics and repealing Regulation (EC, Euratom) No 1101/2008 of the European Parliament and of the Council on the transmission of data subject to statistical confidentiality to the Statistical Office of the European Communities, Council Regulation (EC) No 322/97 on Community Statistics, and Council Decision 89/382/EEC, Euratom establishing a Committee on the Statistical Programmes of the European Communities (OJ L 87, 31.3.2009, p. 164).

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**Amendment 40**  
**Proposal for a regulation**  
**Recital 32**

*Text proposed by the Commission*

- (32) In view of the collective achievement of the objectives of the Energy Union Strategy, it will be essential for the Commission to assess national plans **and, based on** progress reports, **their implementation. For the first ten-year period, this concerns in particular the achievement of the** Union-level 2030 targets for energy and climate **and national contributions to those targets.** Such assessment should be undertaken on a biennial basis, and on an annual basis **only** where necessary, and should be consolidated in the Commission's State of the Energy Union reports.

*Amendment*

- (32) In view of the collective achievement of the objectives of the **five dimensions of the** Energy Union Strategy, **in particular the creation of a fully functional and resilient Energy Union,** it will be essential for the Commission to assess **draft national plans as well as the implementation of notified** national plans **by means of** progress reports. **This is particularly the case with regard to the** Union-level 2030 targets for energy and climate **for the first ten-year period.** Such assessment should be undertaken on a biennial basis, and on an annual basis where necessary, and should be consolidated in the Commission's State of the Energy Union reports.

**Amendment 41**  
**Proposal for a regulation**  
**Recital 33**

*Text proposed by the Commission*

- (33) Aviation has impacts on the global climate as a result of the release of CO<sub>2</sub> as well as of other emissions, including nitrogen oxides emissions, and mechanisms, such as cirrus cloud enhancement. In the light of the rapidly developing scientific understanding of those impacts, an updated assessment of the non-CO<sub>2</sub> impacts of aviation on the global climate is already foreseen in Regulation (EU) No 525/2013. The modelling used in this respect should be adapted to scientific progress. Based on its assessments of such impacts, the Commission **could** consider relevant policy options for addressing them.

*Amendment*

- (33) Aviation has impacts on the global climate as a result of the release of CO<sub>2</sub> as well as of other emissions, including nitrogen oxides emissions, and mechanisms, such as cirrus cloud enhancement. In the light of the rapidly developing scientific understanding of those impacts, an updated assessment of the non-CO<sub>2</sub> impacts of aviation on the global climate is already foreseen in Regulation (EU) No 525/2013. The modelling used in this respect should be adapted to scientific progress. Based on its assessments of such impacts, the Commission **should, by 1 March 2020,** consider relevant policy options for addressing them **and present a legislative proposal, if appropriate.**

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**Amendment 42**  
**Proposal for a regulation**  
**Recital 33 a (new)**

*Text proposed by the Commission*

*Amendment*

- (33a) *In accordance with the current UNFCCC greenhouse gas reporting guidelines, the calculation and reporting of methane emissions is based on global warming potentials (GWP) relating to a 100-year time horizon. Given the high GWP and relatively short atmospheric lifetime of methane, leading to a significant impact on the climate in the short and middle term, the Commission should analyse the implications for policies and measures of adopting a 20-year time horizon for methane. Based on its analysis, the Commission should consider relevant policy options for rapidly addressing methane emissions through a Union Methane Strategy, prioritising energy and waste-related methane emissions.*

**Amendment 43**  
**Proposal for a regulation**  
**Recital 34**

*Text proposed by the Commission*

*Amendment*

- (34) To help ensure coherence between national and Union policies and objectives of the Energy Union, there should be an on-going dialogue between the Commission and the Member States. **As appropriate**, the Commission should issue recommendations to Member States including on the level of ambition of the draft national plans, on the subsequent implementation of policies and measures of the notified national plans, and on other national policies and measures of relevance for the implementation of the Energy Union. Member States should take **utmost account of** such recommendations and explain in subsequent progress reports how they have been implemented.

- (34) To help ensure coherence between national and Union policies and objectives of the Energy Union, there should be an on-going dialogue between the Commission and the Member States **and, where appropriate, between the Member States**. The Commission should issue recommendations to Member States including on the level of ambition of the draft national plans, on the subsequent implementation of policies and measures of the notified national plans, and on other national policies and measures of relevance for the implementation of the Energy Union. Member States should take such recommendations **into account** and explain in subsequent progress reports how they have been implemented.

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**Amendment 44**  
**Proposal for a regulation**  
**Recital 35**

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*Text proposed by the Commission*

(35) Should the ambition **of** integrated national energy and climate plans **or their updates** be insufficient for the collective achievement of the Energy Union objectives and, for the first period, in particular the 2030 targets for renewable energy and energy efficiency, the Commission should take measures at Union level in order to ensure the collective achievement of these objectives and targets (thereby closing any 'ambition gap'). Should progress made by the Union towards these objectives and targets be insufficient for their delivery, the Commission should, in addition to issuing recommendations, take measures at Union level or Member States should take additional measures in order to ensure achievement of these objectives and targets (thereby closing any 'delivery gap'). Such measures should take into account early ambitious **contributions** made by Member States to the 2030 targets for renewable energy and energy efficiency when sharing the effort for collective target achievement. In the area of renewable energy, such measures can also include financial contributions by Member States to a financing platform managed by the Commission, which would be used to contribute to renewable energy projects across the Union. Member States' national renewable energy targets for 2020 should serve as baseline shares of renewable energy from 2021 onwards. In the area of energy efficiency, additional measures can in particular aim at improving the energy efficiency of products, buildings and transport.

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*Amendment*

(35) Should the ambition **and the targets, policies and measures described in the** integrated national energy and climate plans be insufficient for the collective achievement of the Energy Union objectives and, for the first period, in particular the 2030 targets for renewable energy and energy efficiency, the Commission should take measures at Union level in order to ensure the collective achievement of these objectives and targets **and Member States should review upwards their national targets in the field of renewable energy sources by 31 December 2020** (thereby closing any 'ambition gap'). Should progress made by the Union towards these objectives and targets be insufficient for their delivery, the Commission may, in addition to issuing recommendations, take measures at Union level or request additional measures from Member States in order to ensure their achievement (thereby closing any 'delivery gap'). Such measures should take into account early ambitious **efforts** made by Member States to the 2030 targets for renewable energy and energy efficiency when sharing the effort for collective target achievement. In the area of renewable energy, such measures can also include **voluntary** financial contributions by Member States to a financing platform managed by the Commission, which would be used to contribute to renewable energy projects across the Union, **including those of Energy Union interest**. Member States' national renewable energy targets for 2020 should serve as baseline shares of renewable energy from 2021 onwards **and should be maintained throughout the period**. In the area of energy efficiency, additional measures can in particular aim at improving the energy efficiency of products, buildings and transport.

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**Amendment 45**  
**Proposal for a regulation**  
**Recital 38**

*Text proposed by the Commission*

(38) Member States and the Commission should ensure close cooperation on all matters relating to the implementation of the Energy Union and this Regulation, with close involvement of the European Parliament. The Commission should **as appropriate** assist Member States in implementing this Regulation, particularly with regard to the establishment of the national plans and associated capacity building.

*Amendment*

(38) Member States and the Commission should ensure close cooperation on all matters relating to the implementation of the Energy Union and this Regulation, with close involvement of the European Parliament. The Commission should assist Member States in implementing this Regulation, particularly with regard to the establishment, **implementation and monitoring** of the **integrated national energy and climate plans and the long-term climate and energy strategy** and associated capacity building **by mobilising internal resources from the European Environment Agency, the Joint Research Centre, internal modelling capacity and, where appropriate, external expertise.**

**Amendment 46**  
**Proposal for a regulation**  
**Recital 41 a (new)**

*Text proposed by the Commission*

*Amendment*

(41a) **This Regulation includes provisions related to the treatment of energy efficiency as an infrastructure priority, recognising that it fulfils the definition of infrastructure used by the IMF and other economic institutions, and to make it a crucial element and a priority consideration in future investment decisions on the Union's energy infrastructure <sup>(1a)</sup>.**

<sup>(1a)</sup> European Parliament report of 2 June 2016 on the implementation of the Energy Efficiency Directive (2012/27/EU)-(2015/2232(INI))

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**Amendment 47**  
**Proposal for a regulation**  
**Recital 43**

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*Text proposed by the Commission*

- (43) The Commission should be assisted in its tasks under this Regulation by an Energy **Union** Committee to prepare implementing acts. It should replace and take **on** the assignments of the Climate Change Committee and other committees as appropriate.

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*Amendment*

- (43) The Commission should be assisted in its tasks under this Regulation by an Energy **and Climate** Committee to prepare implementing acts. ***As regards matters related to the implementation of climate specific provisions, the Commission should be assisted by the Climate Change Committee established under Regulation (EU) No 525/2013.***

**Amendment 48**  
**Proposal for a regulation**  
**Recital 44 a (new)**

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*Text proposed by the Commission*

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*Amendment*

- (44a) ***In preparation for a future review of this Regulation and in the context of the Union cyber security strategy, the Commission should, in close cooperation with the Member States, assess whether it might be necessary to add additional uniform planning and reporting requirements on the Member States' efforts to improve the protection of critical infrastructure of the Union's energy system against any form of cyber threats, in particular in the view of the increasing number of potentially critical cyber attacks during the last decade, in order to guarantee energy security in any circumstances. However, such an improved coordination within the Union should not affect Member States' national security interest by revealing sensitive information.***

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**Amendment 49**  
**Proposal for a regulation**  
**Article 1**

<i>Text proposed by the Commission</i>	<i>Amendment</i>
Article 1	Article 1
Subject matter and scope	Subject matter and scope
<p>1. This Regulation establishes a Governance mechanism to:</p> <p>(a) implement strategies and measures designed to meet the objectives and targets of the Energy Union, and for the first ten-year period from 2021 to 2030 in particular the <b>EU's</b> 2030 targets for energy and climate;</p> <p>(b) ensure the timeliness, transparency, accuracy, consistency, comparability and completeness of reporting by the Union and its Member States to the UNFCCC and Paris Agreement secretariat.</p>	<p>1. This Regulation establishes a Governance mechanism to:</p> <p><b>(-a) implement long-term climate and energy strategies and measures designed to fulfil Union greenhouse gas emissions commitments consistent with the Paris Agreement;</b></p> <p>(a) implement strategies and measures designed to meet the objectives and targets of the Energy Union, and for the first ten-year period from 2021 to 2030 in particular the <b>Union's</b> 2030 targets for energy and climate;</p> <p><b>(aa) structure partnerships and cooperation between Member States at macro-regional and regional level, designed to achieve the targets, objectives and commitments of the Energy Union;</b></p> <p>(b) ensure the timeliness, transparency, accuracy, consistency, comparability and completeness of reporting by the Union and its Member States to the UNFCCC and Paris Agreement secretariat;</p> <p><b>(ba) contribute to greater regulatory certainty as well as contribute to greater investor certainty and help take full advantage of opportunities for economic development, investment stimulation, job creation and social cohesion;</b></p> <p><b>(bc) support a just transition for citizens and regions which could be negatively impacted by the transition to a low-carbon economy.</b></p>

The governance mechanism shall be based on integrated national energy and climate plans covering ten-year periods starting from 2021 to 2030, corresponding integrated national energy and climate progress reports by the Member States and integrated monitoring arrangements by the European Commission. It shall define a structured, iterative process between the Commission and Member States in view of the finalisation of the national plans and their subsequent implementation, including with regard to regional cooperation, and corresponding Commission action.

The governance mechanism shall be based on integrated national energy and climate plans covering ten-year periods starting from 2021 to 2030, corresponding integrated national energy and climate progress reports by the Member States and integrated monitoring arrangements by the European Commission. It shall define a structured, **transparent**, iterative process between the Commission and Member States **ensuring full participation of the general public and local authorities** in view of the finalisation of the national plans and their subsequent implementation, including with regard to **macro-regional and regional cooperation**, and corresponding Commission action.



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*Text proposed by the Commission**Amendment*

2. This Regulation shall apply to the following five dimensions of the Energy Union:

(a) energy security,

(b) energy market,

(c) energy efficiency,

(d) decarbonisation and

(e) research, innovation and competitiveness.

2. This Regulation shall apply to the following five dimensions of the Energy Union:

(a) energy security,

(b) **internal** energy market,

(c) energy efficiency,

(d) decarbonisation and

(e) research, innovation and competitiveness.

#### Amendment 50

##### Proposal for a regulation

##### Article 2 — paragraph 1

*Text proposed by the Commission**Amendment*

For the purposes of this Regulation, the definitions in [recast of Directive 2009/28/EC as proposed by COM(2016)0767], Directive 2010/31/EU and Directive 2012/27/EU **shall** apply.

For the purposes of this Regulation, the definitions in [recast of Directive 2009/28/EC as proposed by COM(2016)0767], [**recast of Directive 2009/72/EC as proposed by COM(2016)XXXX**], Directive 2010/31/EU and Directive 2012/27/EU apply.

#### Amendment 51

##### Proposal for a regulation

##### Article 2 — paragraph 2 — point 3

*Text proposed by the Commission**Amendment*

(3) ‘adopted policies and measures’ mean policies and measures for which an official government decision has been made by the date of submission of the national plan or progress report and there is a clear commitment to proceed with implementation;

(3) ‘adopted policies and measures’ mean policies and measures for which an official **central or sub-national** government decision has been made by the date of submission of the national plan or progress report and there is a clear commitment to proceed with implementation;

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**Amendment 52**

**Proposal for a regulation**

**Article 2 — paragraph 2 — point 9**

*Text proposed by the Commission*

*Amendment*

(9) *'the Union's 2030 targets for energy and climate' means the Union-wide binding target of at least 40 % domestic reduction in economy-wide greenhouse gas emissions as compared to 1990 to be achieved by 2030, the Union-level binding target of at least 27 % for the share of renewable energy consumed in the Union in 2030, the Union-level target of at least 27 % for improving energy efficiency in 2030, to be reviewed by 2020 having in mind an EU level of 30 %, and the 15 % electricity interconnection target for 2030 or any subsequent targets in this regard agreed by the European Council or Council and Parliament for the year 2030.*

*deleted*

**Amendment 53**

**Proposal for a regulation**

**Article 2 — paragraph 2 — point 11 a (new)**

*Text proposed by the Commission*

*Amendment*

(11a) *'early efforts' means early progress of a Member State made, from 2021 onwards, towards its target for renewable energy as referred to in Article 3 of [recast of Renewable Energy Directive] and its target for improving energy efficiency as referred to in Article 1 (1) and Article 3(4) of Directive 2012/27/EU;*

**Amendment 54**

**Proposal for a regulation**

**Article 2 — paragraph 2 — points 17 a (new)**

*Text proposed by the Commission*

*Amendment*

(17a) *'energy efficiency first' means the prioritisation, in all energy planning, policy and investment decisions, of measures to make energy demand and energy supply more efficient, by means of cost-optimal energy end-use savings, demand-side response initiatives and more efficient conversion, transmission and distribution of energy;*

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**Amendment 59**  
**Proposal for a regulation**  
**Article 3**

Text proposed by the Commission

Amendment

Article 3

Article 3

Integrated national energy and climate plans

Integrated national energy and climate plans

1. By 1 January 2019 and every ten years thereafter, each Member State shall notify to the Commission an integrated national energy and climate plan. The plans shall contain the elements set out in paragraph 2 and Annex I. The first plan shall cover the period from 2021 to 2030. The following plans shall cover the ten-year period immediately following the end of the period covered by the previous plan.

1. By 1 January 2019 and every ten years thereafter, each Member State shall notify to the Commission an integrated national energy and climate plan. The plans shall contain the elements set out in paragraph 2 and Annex I. The first plan shall cover the period from 2021 to 2030. The following plans shall cover the ten-year period immediately following the end of the period covered by the previous plan..

2. The integrated national energy and climate plans shall consist of the following main sections:

2. The integrated national energy and climate plans shall consist of the following main sections:

(a) an overview of the process followed for establishing the integrated national energy and climate plan consisting of an executive summary, a description of the consultation and involvement of **stakeholders** and their results, **and of regional** cooperation with other Member States in preparing the plan;

(a) an overview of the process followed for establishing the integrated national energy and climate plan consisting of:

(1) an executive summary,

(2) a description of the consultation and involvement of **local authorities, civil society, business, the social partners and citizens** and their results,

(3) **a description of macro-regional and regional** cooperation with other Member States in preparing the plan;

(b) a description of the national objectives, targets **and contributions** for each of the five dimensions of the Energy Union;

(b) a description of the national objectives **and** targets for each of the five dimensions of the Energy Union;

(c) a description of the policies and measures foreseen to meet the corresponding objectives, targets **and contributions** set out under point (b);

(c) a description of the **planned** policies, measures **and investment strategies** foreseen to meet the corresponding objectives **and** targets set out under point (b);

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Text proposed by the Commission

(d) a description of the current situation of the five dimensions of the Energy Union including with regard to the energy system and greenhouse gas emissions and removals as well as projections with regard to the objectives referred to in point (b) with already existing (implemented and adopted) policies and measures;

(e) an assessment of the impacts of the planned policies and measures to meet the objectives referred to in **point (b)**;

(f) an annex, drawn up in accordance with the requirements and structure laid down in Annex II to this Regulation, setting out the Member State's methodologies and policy measures for achieving the energy savings requirement in accordance with Article 7 to Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] and Annex V thereto.

3. When preparing the national plans referred to in paragraph 1, Member States shall take into account the interlinkages between the five dimensions of the Energy Union **and they shall** use consistent data and assumptions across the five dimensions where relevant.

Amendment

(d) a description of the current situation of the five dimensions of the Energy Union including with regard to the energy system and greenhouse gas emissions and removals as well as projections with regard to the objectives **and targets** referred to in point (b) with already existing (implemented and adopted) policies and measures **and a description of the regulatory and non-regulatory barriers and hurdles to delivering the targets and objectives**;

(e) an assessment of the impacts of **individual and aggregated** planned policies and measures to meet the **targets and objectives referred to in Articles 1, 4, 13a and 14 and on environmental, including air quality and nature protection, health, macro-economic, and social impacts**;

**(ea) an assessment of the impacts of the planned policies and measures on competitiveness linked to the five dimensions of the Energy Union;**

**(eb) an assessment of the potential impacts of climate in the Member State, including direct and indirect impacts, and resilience strategies to manage the climate impacts, such as national adaptation plans;**

**(ec) following the development of an investment strategy, an estimation of the public and private investment necessary to implement the planned policies and measures;**

(f) an annex, drawn up in accordance with the requirements and structure laid down in Annex II to this Regulation, setting out the Member State's methodologies and policy measures for achieving the energy savings requirement in accordance with Article 7 to Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] and Annex V thereto.

3. When preparing the national plans referred in paragraph 1, Member States shall:

**(a) limit administrative complexity and costs for all relevant stakeholders;**

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Text proposed by the Commission

Amendment

- (b) take into account the interlinkages between the five dimensions of the Energy Union, **in particular the energy efficiency first principle**;
- (c) use **credible and** consistent data and assumptions across the five dimensions where relevant **and make the data used for modelling exercises publicly available**;
- (d) **ensure consistency with the objectives set out in Article 1 and with the national long-term climate and energy strategies as provided in Article 14**;
- (e) **assess the number of households in energy poverty**, taking into account the necessary **domestic energy services needed to guarantee basic standards of living in the relevant national context, and outline existing and planned policies and measures addressing energy poverty, including social policy measures and other relevant national programmes**;  
**In the event that a Member State has a significant number of households in energy poverty, as supported by the assessment based on verifiable data, using geographical dispersion indicators, it should include in its plan a national indicative objective to reduce energy poverty**;
- (f) **include provisions to avoid, mitigate or, if the project is of public interest and no alternatives are available, compensate any adverse environmental impacts that become apparent as part of the integrated reporting pursuant to Articles 15 to 22**;
- (g) **take into consideration the latest country-specific recommendations issued in the context of the European Semester**.

**3a. Member State shall ensure that, following their first integrated national energy and climate plans each of their subsequent plans, notified to the Commission in accordance with paragraph 1., modify their national targets and objectives, as referred to in Article 4, to reflect an increase in ambition as compared to that set out in its previous integrated national energy and climate plan.**

**3b. Member States shall make available to the public the plans submitted to the Commission pursuant to this Article.**

4. The Commission is empowered to adopt delegated acts in accordance with Article 36 to amend Annex I in order to adapt it to amendments to the Union Energy and Climate policy framework, energy market developments and new UNFCCC and Paris Agreement requirements.

4. The Commission is empowered to adopt delegated acts in accordance with Article 36 to amend Annex I in order to adapt it to amendments to the Union Energy and Climate policy framework, energy market developments and new UNFCCC and Paris Agreement requirements.

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**Amendment 60**  
**Proposal for a regulation**  
**Article 4 — title**

*Text proposed by the Commission*

**National objectives**, targets **and contributions** for each of the five dimensions of the Energy Union

*Amendment*

Targets **and objectives** for each of the five dimensions of the Energy Union

**Amendment 61**  
**Proposal for a regulation**  
**Article 4 — paragraph 1**

*Text proposed by the Commission*

Member States shall set out in their integrated national energy and climate plan the following main objectives, targets **and contributions**, as specified in Section A.2. of Annex I:

*Amendment*

Member States shall set out in their integrated national energy and climate plan the following main objectives **and** targets, as specified in Section A.2. of Annex I:

**Amendment 62**  
**Proposal for a regulation**  
**Article 4 — paragraph 1 — point a — point 1 — point ii a (new)**

*Text proposed by the Commission*

*Amendment*

(**ii**a) **trajectories that the Member State plans to maintain and enhance the carbon removals from sinks consistent with the long-term climate and energy strategies as referred to in Article 14;**

**Amendment 63**  
**Proposal for a regulation**  
**Article 4 — paragraph 1 — point a — point 1 — point iii**

*Text proposed by the Commission*

iii. **where applicable**, other national objectives and targets consistent with **existing** long-term **low emission** strategies;

*Amendment*

iii. other national objectives and targets consistent with **the Paris Agreement and the** long-term **climate and energy** strategies;

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**Amendment 64****Proposal for a regulation****Article 4 — paragraph 1 — point a — point 2 — point i***Text proposed by the Commission*

- 
- i. with a view to achieving the Union's binding target of at least 27% renewable energy in 2030 as referred to in Article 3 of [recast of Directive 2009/28/EC as proposed by COM(2016)0767], **a contribution to this target in terms of the Member State's share of energy from renewable sources in gross final consumption of energy in 2030, with a linear trajectory for that contribution from 2021 onwards;**

*Amendment*

- 
- i. with a view to achieving the Union's binding target of at least **35 %** renewable energy in 2030 as referred to in [Article 3] of [recast of Directive 2009/28/EC as proposed by COM(2016)0767],

**Amendment 291****Proposal for a regulation****Article 4 — paragraph 1 — point a — point 2 — point i a (new)***Text proposed by the Commission**Amendment*

- 
- ia. the Member State's national target of energy from renewable sources in gross final consumption of energy in 2030 established pursuant to Article 3 and Annex Ia to Directive (EU).../... [recast of Directive 2009/28/EC as proposed by COM(2016)0767], with a progressive trajectory ensuring a regular deployment of renewable energy from 2021 onwards as set out in Annex Ia to this Regulation;**

**Amendment 292****Proposal for a regulation****Article 4 — paragraph 1 — point a — point 2 — point i b (new)***Text proposed by the Commission**Amendment*

- 
- ib. The trajectory referred to in paragraph ia shall:**

- (i) start from the share of energy from renewable sources in 2020 as set out in the third column of the table in part A of Annex I to Directive (EU) .../... [recast of Directive 2009/28/EC as proposed by COM(2016)0767]. If a Member State surpasses its binding 2020 national target, its trajectory may start at the level achieved in 2020;**

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Text proposed by the Commission

Amendment

(ii) *consist of a minimum of three reference points calculated as an average of the two or three preceding years as set out in Annex Ia;*

(iii) *reach at least its 2030 national target;*

#### Amendment 67

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point a — point 2 — point i c (new)

Text proposed by the Commission

Amendment

*ic. The Member State's trajectory referred to in points ia and ib, taken together, shall add up to the Union's binding linear trajectory and shall reach the Union's binding target of at least 35 % energy from renewable sources in gross final consumption of energy in 2030;*

#### Amendment 68

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point a — point 2 — point i d (new)

Text proposed by the Commission

Amendment

*id. the Member State's trajectories for the overall share of renewable energy in final energy consumption from 2031 onwards shall be consistent with the long-term climate and energy strategies.*

#### Amendments 69 and 287

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point a — point 2 — point ii

Text proposed by the Commission

Amendment

ii. trajectories for the sectorial share of renewable energy in final energy consumption from 2021 to 2030 in the heating and cooling, electricity, and transport sectors;

ii. *the Member State's indicative* trajectories for the sectorial share of renewable energy in final energy consumption from 2021 to 2030 in the heating and cooling, electricity, and transport sectors;



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**Amendment 70****Proposal for a regulation****Article 4 — paragraph 1 — point a — point 2 — point iii***Text proposed by the Commission*

iii. trajectories by renewable energy technology that the Member State plans to use to achieve the overall and sectorial trajectories for renewable energy from 2021 to 2030 including total expected gross final energy consumption per technology and sector in Mtoe **and** total planned installed capacity per technology and sector in MW;

*Amendment*

iii. **indicative** trajectories by renewable energy technology that the Member State plans to use to achieve the overall and sectorial trajectories for renewable energy from 2021 to 2030 including total expected gross final energy consumption per technology and sector in Mtoe, total planned installed capacity per technology and sector **including repowering** in MW;

**Amendment 71****Proposal for a regulation****Article 4 — paragraph 1 — point a — point 2 — point iii a (new)***Text proposed by the Commission**Amendment*

**iiia. the Member State's share of, as well as objectives and trajectories for energy from renewable energy produced by cities, renewable energy communities and self-consumers from 2021 to 2030, including expected gross final energy consumption in Mtoe.**

**Amendment 73****Proposal for a regulation****Article 4 — paragraph 1 — point b — point 1***Text proposed by the Commission*

(1) the **indicative** national energy efficiency **contribution** to achieving the Union's binding energy efficiency target of **30%** in 2030 as referred to in Article 1(1) and Article 3(4) of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761], based on either primary or final energy consumption, primary or final energy savings, or energy intensity.

*Amendment*

(1) **the binding** national energy efficiency **target** to achieving the Union's binding energy efficiency target of **40 %** in 2030 as referred to in Article 1(1) and Article 3(4) of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761], based on either primary or final energy consumption, primary or final energy savings, or energy intensity, **with a linear trajectory for that target from 2021 onwards.**

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Text proposed by the Commission

Member States shall express their **contribution** in terms of absolute level of primary energy consumption and final energy consumption in 2020 and 2030, **with a linear trajectory for that contribution from 2021 onwards**. They shall explain their underlying methodology and the conversion factors used;

Amendment

Member States shall express their **energy efficiency targets** in terms of absolute level of primary energy consumption and final energy consumption in 2020 and 2030. They shall explain their underlying methodology and the conversion factors used **in accordance with Annexes IV and V to ... [of the version as amended in accordance with proposal COM(2016)0761];**

**The trajectory referred to in the first sub-paragraph shall consist of biennial interim targets starting in 2022 and then every two years;**

#### Amendment 74

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point b — point 2

Text proposed by the Commission

(2) the cumulative amount of energy savings to be achieved over the period 2021-2030 under Article 7 on energy saving obligations of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761];

Amendment

(2) the cumulative amount of **additional** energy savings to be achieved over the period 2021-2030 **and beyond** under Article 7 on energy saving obligations of Directive 2012/27/EU [version as amended by proposal COM(2016)0761];

#### Amendment 75

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point b — point 3

Text proposed by the Commission

(3) the **objectives** for the long-term renovation of the national stock of residential and **commercial** buildings (both public and private);

Amendment

(3) **based on an analysis of the existing building stock**, the **milestones for 2030 and 2040 for the long-term strategies for the renovation of the national stock of residential and non-residential buildings**, both public and private, **measuring progress towards the 2050 goal in accordance with Article 2a of Directive 2010/31/EU [as amended by proposal COM(2016)0765];**

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**Amendment 76****Proposal for a regulation****Article 4 — paragraph 1 — point b — point 3 a (new)**

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*Text proposed by the Commission*

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*Amendment*

**(3a) the planned policies and actions as well as progress towards transforming the national building stock into highly energy efficient and decarbonised building stock, including an evidence-based estimate of expected energy savings and wider benefits, to be achieved from 2020 to 2030;**

**Amendment 77****Proposal for a regulation****Article 4 — paragraph 1 — point b — point 4**

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*Text proposed by the Commission*

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*Amendment*

(4) the total floor area to be renovated or equivalent annual energy savings to be achieved **from 2020 to 2030** under Article 5 on the exemplary role of public bodies' buildings of Directive 2012/27/EU;

(4) the total floor area to be renovated **and corresponding energy savings achieved through the renovation** or equivalent annual energy savings **stemming from the alternative approach to be achieved from 2020 to 2030** under Article 5 of Directive 2012/27/EU [as amended by proposal COM(2016)0761];

**Amendment 78****Proposal for a regulation****Article 4 — paragraph 1 — point b — point 4 a (new)**

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*Text proposed by the Commission*

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*Amendment*

**(4a) the identified potential for energy savings in heating and cooling, including the outcome of the comprehensive assessment of the potential for the application of high-efficiency cogeneration and efficient and innovative district heating and cooling;**

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### Amendment 79

#### Proposal for a regulation

##### Article 4 — paragraph 1 — point b — point 5

*Text proposed by the Commission*

(5) other national energy efficiency objectives, including long term targets or strategies and sectorial targets in areas such as transport, **heating and cooling**;

*Amendment*

(5) other national energy efficiency objectives, including long term targets or strategies and sectorial targets in areas such as transport, **the manufacturing industry and water and waste water or from sector coupling policies; as well as efficiency in other sectors with high energy efficiency potential throughout the entire flow chain from primary energy to end-users or such as data centres**;

### Amendment 80

#### Proposal for a regulation

##### Article 4 — paragraph 1 — point c — point 1

*Text proposed by the Commission*

(1) national objectives with regard to increasing the diversification of energy sources and supply from third countries;

*Amendment*

(1) national objectives with regard to increasing the diversification of energy sources and supply from third countries, **for the purpose of increasing the resilience of macro-regional, regional and national energy systems**;

### Amendment 81

#### Proposal for a regulation

##### Article 4 — paragraph 1 — point c — point 2

*Text proposed by the Commission*

(2) national objectives with regard to reducing energy import dependency from third countries;

*Amendment*

(2) national objectives with regard to reducing energy import dependency from third countries **for the purpose of increasing the resilience of macro-regional, national and regional energy systems**;

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**Amendment 82****Proposal for a regulation****Article 4 — paragraph 1 — point c — point 4***Text proposed by the Commission*

(4) national objectives with regard to **deployment of** domestic energy sources (**notably renewable energy**);

*Amendment*

(4) national objectives with regard to **increasing the flexibility of the national energy system, in particular by means of deploying energy efficiency measures, domestic and regional renewable** energy sources, **demand response and storage**;

**Amendment 83****Proposal for a regulation****Article 4 — paragraph 1 — point d — point 1***Text proposed by the Commission*

(1) the level of electricity interconnectivity that the Member State aims for in 2030 in consideration of the electricity interconnection target for 2030 of **at least** 15 %; Member States shall explain the underlying methodology used;

*Amendment*

(1) the level of electricity interconnectivity that the Member State aims for in 2030 in consideration of the **indicative** electricity interconnection target for 2030 of **at least** 15 %, **taking into account the 2020 interconnection target of 10 %, national and regional market conditions and potential, all aspects of cost-benefit analyses, the actual level of implementation of PCIs, as well as measures to increase the tradable capacity in existing interconnections**; Member States shall explain the underlying methodology used, **taking into account the methodology proposed by the Commission**;

**Amendment 84****Proposal for a regulation****Article 4 — paragraph 1 — point d — point 2***Text proposed by the Commission*

(2) key national objectives for electricity and gas transmission infrastructure that are necessary for the achievement of objectives and targets under any of the five dimensions of the Energy Union Strategy;

*Amendment*

(2) key national objectives for electricity and gas transmission **and distribution** infrastructure **and its modernisation** that are necessary for the achievement of objectives and targets under any of the five dimensions of the Energy Union Strategy. **For any planned major infrastructure project, a preliminary assessment of its compatibility with and contributions to the five dimensions of the Energy Union, in particular with regard to security of supply and competition**;

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#### Amendment 85

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point d — point 3

*Text proposed by the Commission*

(3) national objectives related to other aspects of the internal energy market such as market integration and coupling, including a timeframe for when the objectives should be met;

*Amendment*

(3) national objectives related to other aspects of the internal energy market such as **increasing system flexibility, in particular through the removal of obstacles to free price formation**, market integration and coupling, **smart grids, aggregation, demand response, storage, distributed generation, mechanisms for dispatching, re-dispatching and curtailment, real-time price signals**, including a timeframe for when the objectives should be met;

#### Amendment 86

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point d — point 3 a (new)

*Text proposed by the Commission*

*Amendment*

(3a) **national objectives related to the non-discriminatory participation of renewable energy, demand response and storage, including via aggregation in all energy markets, including a timeframe for when the objectives should be met;**

#### Amendment 87

##### Proposal for a regulation

##### Article 4 — paragraph 1 — point d — point 3 b (new)

*Text proposed by the Commission*

*Amendment*

(3b) **national objectives with regard to ensuring that consumers participate in the energy system and benefit from self-generation and new technologies, including smart meters;**

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**Amendment 88****Proposal for a regulation****Article 4 — paragraph 1 — point d — point 4***Text proposed by the Commission*

(4) national objectives with regard to ensuring electricity system adequacy **as well as flexibility of the energy system with regard to renewable energy production**, including a timeframe for when the objectives should be met;

*Amendment*

(4) national objectives with regard to ensuring electricity system adequacy, **ensuring that no capacity mechanisms are implemented, or where implemented for the purpose of security of supply are limited to the extent possible** including a timeframe for when the objectives should be met;

**Amendment 89****Proposal for a regulation****Article 4 — paragraph 1 — point e — point 1***Text proposed by the Commission*

(1) national objectives and funding targets for public **and private** research and innovation relating to the Energy Union; if applicable, including a timeframe for when the objectives should be met. Such targets and objectives should be coherent with those set out in the Energy Union Strategy and the SET-Plan;

*Amendment*

(1) national objectives and funding targets for public **support for** research and innovation relating to the Energy Union **and its expected leveraging effect on private research**; if applicable, including a timeframe for when the objectives should be met. Such targets and objectives should be coherent with those set out in the Energy Union Strategy and the SET-Plan;

**Amendment 90****Proposal for a regulation****Article 4 — paragraph 1 — point e — point 2***Text proposed by the Commission*

(2) national 2050 objectives **for the deployment** of **low-carbon** technologies;

*Amendment*

(2) national 2050 objectives **related to the promotion of sustainable** technologies;

**Amendment 91****Proposal for a regulation****Article 4 — paragraph 1 — point e — point 3***Text proposed by the Commission*

(3) **national objectives with regard to competitiveness.**

*Amendment*

**deleted**

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**Amendment 92**  
**Proposal for a regulation**  
**Article 5 — title**

*Text proposed by the Commission*

Member States' **contribution** setting process in the area of renewable energy

*Amendment*

Member States' **target** setting process in the area of renewable energy

**Amendment 93**  
**Proposal for a regulation**  
**Article 5 — paragraph 1**

*Text proposed by the Commission*

1. When setting their **contribution** for their share of energy from renewable sources in gross final consumption of energy in 2030 and the last year of the period covered for the subsequent national plans, pursuant to Article 4(a)(2)(i), Member States shall take into account the following:

*Amendment*

1. When setting their **target** for their share of energy from renewable sources in gross final consumption of energy in 2030 and the last year of the period covered for the subsequent national plans, pursuant to Article 4(a)(2)(i), Member States shall take into account the following:

**Amendment 94**  
**Proposal for a regulation**  
**Article 5 — paragraph 1 — point d — point i**

*Text proposed by the Commission*

(i) equitable distribution of deployment across the European Union;

*Amendment*

(i) equitable **and cost-effective** distribution of deployment across the European Union;

**Amendment 95**  
**Proposal for a regulation**  
**Article 5 — paragraph 1 — point d a (new)**

*Text proposed by the Commission*

*Amendment*

(da) **the baseline share of energy from renewable sources in its gross final consumption of energy set out in Article 3(3) of Directive (EU) .../... [recast Directive 2009/28/EC];**



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**Amendment 96**  
**Proposal for a regulation**  
**Article 5 — paragraph 2**

*Text proposed by the Commission*

2. Member States shall collectively ensure that the sum of their **contributions** adds up to **at least 27 % of energy produced** from renewable sources in gross final energy consumption at Union level by 2030.

*Amendment*

2. Member States shall collectively ensure that the sum of their **targets** adds up to **a linear trajectory reaching at least 35 %** from renewable **energy** sources in gross final energy consumption at Union level by 2030.

**Amendment 97**  
**Proposal for a regulation**  
**Article 6 — title**

*Text proposed by the Commission*

Member States' **contribution** setting process in the area of energy efficiency

*Amendment*

Member States' **binding target** setting process in the area of energy efficiency

**Amendment 98**  
**Proposal for a regulation**  
**Article 6 — paragraph 1 — introductory part**

*Text proposed by the Commission*

1. When setting their **indicative** national energy efficiency **contribution** for 2030 and the last year of the period covered for the subsequent national plans pursuant to Article 4(b)(1), Member States shall ensure that:

*Amendment*

1. When setting their **binding** national energy efficiency **target** for 2030 and the last year of the period covered for the subsequent national plans pursuant to Article 4(b)(1), Member States shall ensure that:

**Amendment 99**  
**Proposal for a regulation**  
**Article 6 — paragraph 1 — point a**

*Text proposed by the Commission*

(a) the Union's 2020 energy consumption is no more than 1 483 Mtoe of primary energy and no more than 1 086 Mtoe of final energy, the Union's 2030 energy consumption is no more than **1 321** Mtoe of primary energy and no more than **987** Mtoe of final energy for the first ten-year period;

*Amendment*

(a) the Union's 2020 energy consumption is no more than 1 483 Mtoe of primary energy and no more than 1 086 Mtoe of final energy, the Union's 2030 energy consumption is no more than **1 132** Mtoe of primary energy and no more than **849** Mtoe of final energy for the first ten-year period;

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### Amendment 100

#### Proposal for a regulation

#### Article 6 — paragraph 2 — introductory part

*Text proposed by the Commission*

2. When setting their **contribution** referred to in paragraph 1 Member States may take into account circumstances affecting primary and final energy consumption, such as:

*Amendment*

2. When setting their **target** referred to in paragraph 1 Member States may take into account circumstances affecting primary and final energy consumption, such as:

### Amendment 101

#### Proposal for a regulation

#### Article 7

*Text proposed by the Commission*

Article 7

National policies and measures for each of the five dimensions of the Energy Union

Member States shall describe, in accordance with Annex I, in their integrated national energy and climate plan, the main existing (implemented and adopted) and planned policies and measures to achieve in particular the objectives set out in the national plan, including measures to ensure regional cooperation and appropriate financing at national, regional level.

*Amendment*

Article 7

National policies, measures **and investment strategies** for each of the five dimensions of the Energy Union

Member States shall describe, in accordance with Annex I, in their integrated national energy and climate plan, the main existing (implemented and adopted) and planned policies and measures to achieve in particular the objectives set out in the national plan, including measures to ensure regional cooperation and appropriate financing at national, regional **and local level, including mobilisation of Union programmes and instruments.**

***The description of the main existing and planned policies and measures to achieve the objectives set out in the national plans shall be accompanied by a general overview of the investments needed to achieve those objectives.***

***Member States shall treat energy efficiency as an infrastructure priority. They shall include energy efficiency programs as part of their infrastructure planning and make renovation of buildings a priority investment.***

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**Amendment 102****Proposal for a regulation****Article 8 — paragraph 1***Text proposed by the Commission*

1. Member States shall describe, in accordance with the structure and format specified in Annex I, the current situation for each of the five dimensions of the Energy Union including of the energy system and greenhouse gas emissions and removals at the time of submission of the national plan or on the basis of the latest available information. Member States shall also set out and describe projections for each of the five dimensions of the Energy Union for the first ten-year period at least until **2040** (including for the year 2030) expected to result from existing (implemented and adopted) policies and measures.

*Amendment*

1. Member States shall describe, in accordance with the structure and format specified in Annex I, the current situation for each of the five dimensions of the Energy Union including of the energy system and greenhouse gas emissions and removals at the time of submission of the national plan or on the basis of the latest available information. Member States shall also set out and describe projections for each of the five dimensions of the Energy Union for the first ten-year period at least until **2030** (including for the year 2030) expected to result from existing (implemented and adopted) policies and measures. **Member States shall make available to the public the assumptions, parameters and methodologies used for projections and scenarios.**

**Amendment 103****Proposal for a regulation****Article 8 — paragraph 2 — point a***Text proposed by the Commission*

(a) the impacts on the development of the energy system and greenhouse gas emissions and removals for the first ten-year period at least until 2040 (including for the year 2030) under the planned policies and measures including a comparison with the projections based on existing (implemented and adopted) policies and measures referred to in paragraph 1;

*Amendment*

(a) the impacts on the development of the energy system and greenhouse gas emissions and removals for the first ten-year period at least until 2040 (including for the year 2030) under the planned policies and measures including a comparison with the projections based on existing (implemented and adopted) policies and measures referred to in paragraph 1. **This should include an assessment of synergies deriving from sectorial coupling, digitalisation and improved market design as well as of the benefits in terms of air quality and security of supply;**

**Amendment 104****Proposal for a regulation****Article 8 — paragraph 2 — point b***Text proposed by the Commission*

(b) the macroeconomic, environmental, skills and social impact of **the** planned policies and measures referred to in Article 7 and further specified in Annex I, for the first ten-year period at least until the year 2030 including a comparison with the projections **based on** existing (implemented and adopted) policies and measures referred to in paragraph 1;

*Amendment*

(b) the macroeconomic, **health**, environmental, skills and social impact of **individual and aggregated** planned policies and measures referred to in Article 7 and further specified in Annex I, for the first ten-year period at least until the year 2030 including a comparison with the projections **of** existing (implemented and adopted) policies and measures referred to in paragraph 1. **The methodology used to assess these impacts shall be made public and the use of cost-benefit analysis shall be encouraged;**

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### Amendment 105

#### Proposal for a regulation

#### Article 8 — paragraph 2 — point c

*Text proposed by the Commission*

(c) interactions between existing (implemented and adopted) and planned policies and measures within a policy dimension and between existing (implemented and adopted) and planned policies and measures of different dimensions for the first ten-year period at least until the year 2030. Projections concerning security of supply, infrastructure and market integration shall be linked to robust energy efficiency scenarios.

*Amendment*

(c) interactions between existing (implemented and adopted) and planned policies and measures within a policy dimension and between existing (implemented and adopted) and planned policies and measures of different dimensions for the first ten-year period at least until the year 2030. **The assessment shall include a quantitative or qualitative evaluation of any documented interactions between national policies and measures, and Union climate and energy policy measures.** Projections concerning security of supply, infrastructure and market integration shall be linked to robust energy efficiency scenarios;

### Amendment 106

#### Proposal for a regulation

#### Article 8 — paragraph 2 — point c a (new)

*Text proposed by the Commission*

*Amendment*

(ca) **the way individual and aggregated existing and planned policies and measures will attract private investment alongside public finance necessary to their implementation.**

### Amendment 107

#### Proposal for a regulation

#### Article 9

*Text proposed by the Commission*

Article 9

Draft integrated national energy and climate plans

1. By 1 **January** 2018 **and every ten years thereafter** Member **States** shall prepare and submit to the Commission a draft of the integrated national energy and climate plan referred to in Article 3(1).

*Amendment*

Article 9

Draft integrated national energy and climate plans

1. By 1 **June** 2018, **each** Member **State** shall prepare and submit to the Commission a draft of **its first** the integrated national energy and climate plan referred to in Article 3(1). **Each Member State shall prepare and submit to the Commission a draft of its second plan by 1 January 2023 and drafts of its subsequent plans every five years thereafter.**

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Text proposed by the Commission

Amendment

2. The Commission **may** issue recommendations **on the draft plans** to Member States in accordance with Article 28. **Those recommendations shall in particular set out:**

(a) **the level of ambition of objectives, targets and contributions in view of collectively achieving** the Energy Union objectives and **notably the Union's 2030 targets for renewable energy and energy efficiency;**

(b) policies and measures **relating to Member States' and Union level objectives and other policies and measures** of potential cross-border relevance;

(c) **interactions between and** consistency of existing (implemented and adopted) and planned policies and measures included in the integrated national energy and climate plan within one dimension and among different dimensions of the Energy Union.

3. Member States shall take utmost account of any recommendations from the Commission when finalising their integrated national energy and climate plan.

2. The Commission **shall assess the draft plans and shall** issue **country-specific** recommendations to Member States in accordance with Article 28 **no later than three months before the deadline for submitting the plan, referred to in Article 3(1) in order to:**

(a) **ensure the collective achievement by Member States of the** Energy Union objectives and targets **of all dimensions of the Energy Union;**

(aa) **ensure the achievement by Member States of national targets and objectives;**

(b) **improve individual existing and planned** policies and measures **included in national energy and climate plans including those** of potential cross-border relevance;

(ba) **suggest the adoption of additional policies and measures in national energy and climate plans;**

(c) **ensure** consistency of existing (implemented and adopted) and planned policies and measures included in the integrated national energy and climate plan within one dimension and among different dimensions of the Energy Union;

(ca) **ensure the consistency of the investment strategies and instruments with the Member States' policies and measures provided for to meet the corresponding targets and objectives.**

3. Member States shall take utmost account of any recommendations from the Commission when finalising their integrated national energy and climate plan. **Where the position of the Member State concerned diverges from the Commission's recommendation, that Member State shall provide and make public the reasons for its position.**

3a. **Member States shall make available to the public the draft plans referred to in paragraph 1.**

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#### Amendment 108

##### Proposal for a regulation

##### Article 10 — paragraph 1

*Text proposed by the Commission*

Without prejudice to any other Union law requirements, Member States shall ensure that the public is given early and effective opportunities to participate in the preparation of draft plans referred to in Article 9 **and attach to the submission of their draft integrated national energy and climate plan to the Commission a summary of the public's views. In so far as the provisions of Directive 2001/42/EC are applicable, consultations undertaken in accordance with that Directive shall be deemed to satisfy also the obligations to consult the public under this Regulation.**

*Amendment*

Without prejudice to any other Union law requirements, Member States shall ensure that the public is given early and effective opportunities to participate in the preparation of draft plans referred to in Article 9, **of long-term strategies referred to in Article 14, when all options are open and effective public consultation can take place.**

#### Amendment 109

##### Proposal for a regulation

##### Article 10 — paragraph 1 a (new)

*Text proposed by the Commission*

*Amendment*

**1a. Member States shall set reasonable timeframes allowing sufficient time for the public to be informed and to prepare and participate effectively in the different stages of planning process. Member States shall take due account of equal participation and ensure that the public is informed, whether by public notices or other appropriate means, such as electronic media where available, of all practical arrangements related to their participation and that they can access all relevant documents.**

#### Amendment 110

##### Proposal for a regulation

##### Article 10 — paragraph 1 b (new)

*Text proposed by the Commission*

*Amendment*

**1b. Member States shall include in the submission of their draft and final integrated national energy and climate plan and of their long-term strategies to the Commission a summary of the public's views and the way they have been taken into consideration.**

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**Amendment 111****Proposal for a regulation****Article 10 — paragraph 1 c (new)**

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*Text proposed by the Commission*

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*Amendment*

**1c. In so far as the provisions of Directive 2001/42/EC are applicable, consultations undertaken in accordance with that Directive shall be deemed to satisfy also the obligations to consult the public under this Regulation.**

**Amendment 112****Proposal for a regulation****Article 10 — paragraph 1 d (new)**

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*Text proposed by the Commission*

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*Amendment*

**1d. Member States shall limit administrative complexity when implementing this Article.**

**Amendment 113****Proposal for a regulation****Article 10 a (new)**

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*Text proposed by the Commission*

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*Amendment***Article 10a****Multilevel Climate and Energy Dialogue Platform**

- 1. In a spirit of partnership, Member State shall establish a permanent Multilevel Climate and Energy Dialogue Platform to support active engagement of local authorities, civil society organisations, business community, investors, any other relevant stakeholders and the general public in managing the energy transition.**
- 2. Member States shall submit to their national Climate and Energy Dialogue Platform different options and scenarios envisaged for their short, medium and long-term energy and climate policies, together with a cost-benefit analysis for each option. Climate and Energy Dialogue Platforms shall be forums for discussion on and elaboration of plans, strategies and reports pursuant to Article 10.**
- 3. Member States shall ensure that Climate and Energy Dialogue Platforms benefit from adequate human and financial resources and shall function in a transparent way.**

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**Amendment 114**  
**Proposal for a regulation**  
**Article 11**

Text proposed by the Commission

Amendment

Article 11

Article 11

**Regional** cooperation**Macro-regional and regional** cooperation

1. Member States shall cooperate with each other at **regional** level to effectively meet the targets, **objectives and contributions** set out in their integrated national energy and climate plan.

2. Member States shall, well before submitting their draft integrated national energy and climate plan to the Commission pursuant to Article 9(1), identify opportunities for regional cooperation and consult neighbouring Member States and the other Member States expressing an interest. Member States shall set out in their draft integrated national energy and climate plans the results of such regional consultation, including where applicable how comments have been taken into account.

1. Member States shall cooperate with each other at **macro-regional and regional level, taking into utmost consideration all existing and potential forms of cooperation** to effectively meet the targets and **objectives** set out in their integrated national energy and climate plan.

2. Member States shall, well before submitting their draft integrated national energy and climate plan to the Commission pursuant to Article 9(1), identify opportunities for **macro-regional and regional cooperation, taking into consideration existing macro-regional cooperations, in particular the Baltic Energy Market Interconnection Plan (BEMIP), Central and South-Eastern Europe Connectivity (CESEC), Central-West Regional Energy Market (CWREM), the North Seas Countries' Offshore Grid Initiative (NSCOGI), the Euro-Mediterranean Partnership** and consult neighbouring Member States and the other Member States expressing an interest, **in accordance with Directive 2011/92/EU and the Espoo Convention**. Member States shall set out in their draft integrated national energy and climate plans the results of such regional consultation, including where applicable how comments have been taken into account. **When engaging in macro-regional cooperation, Member States shall agree on a governance structure allowing for meeting at ministerial level at least annually.**

2a. **The Commission shall, upon the request by two or more Member States, facilitate the joint drafting of parts of their integrated national energy and climate plans, inter alia by means of establishing an enabling framework. When Member States pursue macro-regional or regional cooperation, they shall set out in their draft integrated national energy and climate plans the results and submit them to the Commission. The result of such macro-regional or regional cooperation may replace the equivalent parts of the relevant integrated national energy and climate plan.**



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Text proposed by the Commission

Amendment

3. The Commission shall facilitate cooperation and consultation among the Member States on the draft plans submitted to it under Article 9 in view of their finalisation.

4. Member States shall take into consideration the comments received from other Member States pursuant to paragraphs 2 and 3 in their final integrated national energy and climate plan and explain how such comments have been taken into account.

5. For the purposes specified in paragraph 1, Member States shall continue to cooperate at **macro-regional** level when implementing the policies and measures of their plans.

**2b. The Commission shall, with a view to promoting market integration and cost-efficient policies, identify opportunities for macro-regional or regional cooperation covering one or several of the five dimensions of the Energy Union and in accordance with this Article, with a long-term vision, based on existing market conditions. Based on such opportunities, the Commission may issue recommendations to Member States pursuant to Article 28 in order to facilitate effective cooperation, partnerships and consultations.**

3. The Commission shall facilitate cooperation and consultation among the Member States on the draft plans submitted to it under Article 9 in view of their finalisation.

4. Member States shall take into consideration the comments received from other Member States pursuant to paragraphs 2 and 3 in their final integrated national energy and climate plan and explain how such comments have been taken into account.

5. For the purposes specified in paragraph 1, Member States shall continue to cooperate at **macro-regional** level when implementing the policies and measures of their plans.

**5a. Member States shall also envisage cooperation with Energy Community signatories and third countries that are members of the European Economic Area.**

#### Amendment 116

##### Proposal for a regulation

##### Article 12 — paragraph 1 — introductory part

Text proposed by the Commission

Amendment

The Commission shall assess the integrated national energy and climate plans **and their updates** as notified pursuant to **Articles 3 and 13**. It shall assess in particular whether:

The Commission shall assess the integrated national energy and climate plans as notified pursuant to **Article 3**. It shall assess in particular whether:

#### Amendment 117

##### Proposal for a regulation

##### Article 12 — paragraph 1 — point a

Text proposed by the Commission

Amendment

(a) the targets, **objectives and contributions** are sufficient for the collective achievement of the Energy Union objectives and for the first ten-years period in particular the targets of the Union's 2030 Climate and Energy Framework;

(a) the targets **and objectives** are sufficient for the collective achievement of the Energy Union objectives and for the first ten-years period in particular the targets of the Union's 2030 Climate and Energy Framework;

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**Amendment 118**

**Proposal for a regulation**

**Article 12 — paragraph 1 — point a a (new)**

Text proposed by the Commission

Amendment

- (aa) *the existing policies and those that are provided for and measures and related investment strategies are sufficient for the achievement of the national targets referred to in Article 4;*

**Amendment 120**

**Proposal for a regulation**

**Article 13**

Text proposed by the Commission

Amendment

**Article 13**

***deleted***

***Update of the integrated national energy and climate plan***

***1. By 1 January 2023, and every 10 years thereafter, Member States shall submit to the Commission a draft update of the latest notified integrated national energy and climate plan referred to in Article 3 or confirm to the Commission that the plan remains valid.***

***2. By 1 January 2024, and every 10 years thereafter, Member States shall notify to the Commission an update of the latest notified integrated national energy and climate plan referred to in Article 3, unless they have confirmed that the plan remains valid pursuant to paragraph 1 of this Article.***

***3. Member States shall only modify the targets, objectives and contributions set out in the update referred to in paragraph 2 to reflect an increased ambition as compared to the ones set in the latest notified integrated national energy and climate plan.***

***4. Member States shall make efforts to mitigate in the updated plan any adverse environmental impacts that become apparent as part of the integrated reporting pursuant to Articles 15 to 22.***

***5. Member States shall take into consideration the latest country-specific recommendations issued in the context of the European Semester when preparing the update referred to in paragraph 2.***

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Text proposed by the Commission

Amendment

6. The procedures laid down in Article 9(2) and Article 11 shall apply to the preparation and assessment of the updated integrated national energy and climate plans.

**Amendment 121**  
**Proposal for a regulation**  
**Chapter 3 — title**

Text proposed by the Commission

Amendment

Long-term **low emission** strategiesLong-term **climate and energy** strategies

**Amendment 122**  
**Proposal for a regulation**  
**Article 13 a (new)**

Text proposed by the Commission

Amendment

**Article 13a**

**Consistency with overall climate objective**

*The Commission shall, by 1 July 2018, report on the remaining global carbon budget that is consistent with pursuing efforts to limit the temperature increase to well below 2 °C, in particular 1,5 °C, above pre-industrial levels and shall publish an analysis of the Union's fair share for 2050 and 2100.*

**Amendment 123**  
**Proposal for a regulation**  
**Article 14**

Text proposed by the Commission

Amendment

Article 14

Article 14

Long-term **low emission** strategiesLong-term **climate and energy** strategies

1. Member States shall **prepare and report to the Commission** by 1 January **2020** and every **10** years thereafter their long-term low emission strategies with a 50 years perspective, to contribute to:

1. Member States **and the Commission on behalf of the Union** shall **adopt**, by 1 January **2019** and every **five** years thereafter, their long-term **climate and energy** strategies with a **30** years perspective, to contribute to:

Wednesday 17 January 2018

Text proposed by the Commission

Amendment

- |  |   |
|--|---|
| <p>(a) fulfilling the Union's and the Member States' commitments under the UNFCCC and the Paris Agreement to reduce anthropogenic greenhouse gas emissions and enhance removals by sinks;</p> <p>(b) fulfilling the objective of holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1,5 °C above pre-industrial levels;</p> <p>(c) achieving long-term greenhouse gas emission reductions and enhancements of removals by sinks in all sectors in line with the Union's objective, in the context of necessary reductions according to the IPCC by developed countries as a group, to reduce emissions by 80 to 95 % by 2050 compared to 1990 levels in a cost-effective manner.</p> <p>2. The long-term <b>low emission</b> strategies shall cover:</p> <p>(a) total greenhouse gas emissions reductions and enhancements of removals by sinks;</p> <p>(b) emissions reductions and enhancement of removals in individual sectors including electricity, industry, transport, the buildings sector (residential and tertiary), agriculture and land use, land-use change and forestry (LULUCF);</p> <p>(c) expected progress on transition to a low greenhouse gas emission economy including greenhouse gas intensity, CO<sub>2</sub> intensity of gross domestic product and strategies for related research, development and innovation;</p> | <p>(a) fulfilling the Union's and the Member States' commitments under the UNFCCC and the Paris Agreement to reduce anthropogenic greenhouse gas emissions and enhance removals by sinks <b>in 10-year steps</b>;</p> <p>(b) fulfilling the objective of holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1,5 °C above pre-industrial levels <b>by limiting the Union's greenhouse gas emissions below its fair share of the remaining global carbon budget</b>;</p> <p>(c) achieving long-term greenhouse gas emission reductions and enhancements of removals by sinks in all sectors in line with the Union's objective, in the context of necessary reductions according to the IPCC to reduce <b>the Union's greenhouse gas emissions in a cost-effective manner and enhance removals by sinks in pursuit of the temperature goals in the Paris Agreement so as to achieve a net-zero greenhouse gas emissions within the Union by 2050 and go into negative emissions soon thereafter</b>;</p> <p><b>(ca) by no later than 2050, achieve a highly energy efficient and renewables-based energy system within the Union.</b></p> <p>2. The long-term <b>climate and energy</b> strategies shall <b>contain the elements set out in Annex IIIa and shall</b> cover:</p> <p>(a) total greenhouse gas emissions reductions and enhancements of removals by sinks <b>with separate target for enhancing removals by sinks that is consistent with pursuing efforts to limit the temperature increase goals in the Paris Agreement</b>;</p> <p>(b) <b>with a view to decarbonisation, greenhouse gases'</b> emissions reductions and enhancement of removals in individual sectors including <b>among others</b> electricity, industry, transport, the <b>heating and cooling and</b> buildings sector (residential and tertiary), agriculture and land use, land-use change and forestry (LULUCF);</p> <p>(c) expected progress on transition to a low greenhouse gas emission economy including greenhouse gas intensity, CO<sub>2</sub> intensity of gross domestic product and strategies for related <b>long-term investments</b>, research, development and innovation;</p> |
|--|---|

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Text proposed by the Commission

Amendment

- (d) links to other national long-term planning.
3. The **long-term low emission strategies and the** integrated national energy and climate plans referred to in Article 3 **should** be consistent with each other.
4. The Member States shall **make available to the** public **forthwith their respective long-term low emission** strategies and **any updates thereof**.
- (ca) **expected progress on energy transition including energy savings, total share of renewable energy and planned renewable energy installed capacity;**
- (cb) **expected contribution of deep decarbonisation of the economy on macro-economic development, and social development, and health risks and benefits and the environmental protection;**
- (d) links to other national long-term **objectives, planning and other policies and measures and investments.**
- 2a. **The Commission is empowered to adopt delegated acts in accordance with Article 36 to amend Annex IIa in order to adapt it to amendments to the Union Energy and Climate policy framework, energy market developments and new UNFCCC and Paris Agreement requirements.**
3. The integrated national energy and climate plans referred to in Article 3 **shall** be consistent with **the long-term climate and energy strategies.**
4. The Member States **and the Commission** shall **develop their strategies openly and transparently, and ensure that the public, the social partners, businesses, investors, civil society and other stakeholders are given early and effective opportunities to participate in the preparation of the long-term climate and energy strategies and make the strategies and any supporting analyses and data public, including through the e-platform as referred to in Article 24.**
- 4a. **The Commission shall support Member States in their preparation of long-term strategies by providing information on the state of the underlying scientific knowledge and technological development relevant to achieving the objectives referred to in Article 1. The Commission shall also provide for opportunities for Member States and other stakeholders to provide additional information and discuss their perspectives, and produce best practices and guidance for Member States to use during the development and implementation phase of their strategies.**
- 4b. **The Commission shall assess whether the national long-term strategies are adequate for the collective achievement of the Union objectives set out in Article 1. The Commission may issue recommendations to Member States to facilitate this end and to assist Member States in their efforts to prepare and implement their long-term strategies.**

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**Amendment 124**

**Proposal for a regulation**

**Article 15 — paragraph 2 — point a**

*Text proposed by the Commission*

(a) information on the progress accomplished towards reaching the targets, objectives **and contributions** set out in the integrated national energy and climate plan, and towards implementing the policies and measures necessary to meet them;

*Amendment*

(a) information on the progress accomplished towards reaching the targets **and** objectives set out in the integrated national energy and climate plan, and towards **financing and** implementing the policies and measures necessary to meet them;

**Amendment 125**

**Proposal for a regulation**

**Article 15 — paragraph 2 — point a a (new)**

*Text proposed by the Commission*

*Amendment*

**(aa) the results of the public consultations made in accordance with Article 10;**

**Amendment 126**

**Proposal for a regulation**

**Article 15 — paragraph 2 — point a b (new)**

*Text proposed by the Commission*

*Amendment*

**(ab) information on the progress accomplished supporting active engagement in accordance with Article 10a;**

**Amendment 127**

**Proposal for a regulation**

**Article 15 — paragraph 2 — point a c (new)**

*Text proposed by the Commission*

*Amendment*

**(ac) the information referred to and on the progress accomplished towards reaching the goals, objectives and commitments set out in the long-term energy and climate strategies in Article 14;**

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**Amendment 128**  
**Proposal for a regulation**  
**Article 15 — paragraph 5**

*Text proposed by the Commission*

5. Where the Commission has issued recommendations pursuant to Article 27(2) or (3), the Member State concerned shall include in its report referred to in paragraph 1 of this Article information on the policies and measures adopted, or intended to be adopted and implemented, to address those recommendations. Such information shall include a detailed timetable for implementation.

*Amendment*

5. Where the Commission has issued recommendations pursuant to Article 27(2) or (3), the Member State concerned shall include in its report referred to in paragraph 1 of this Article information on the policies and measures adopted, or intended to be adopted and implemented, to address those recommendations. Such information shall include a detailed timetable for implementation. **Where the Member State concerned deviates from a recommendation issued, that Member State shall provide and make public a well-substantiated justification, based on reliable data and objective criteria.**

**Amendment 129**  
**Proposal for a regulation**  
**Article 15 — paragraph 5 a (new)**

*Text proposed by the Commission*

*Amendment*

**5a. Member States shall make available to the public the reports submitted to the Commission pursuant to this Article.**

**Amendment 130**  
**Proposal for a regulation**  
**Article 18 — paragraph 1 — point a — point 4**

*Text proposed by the Commission*

(4) trajectories on bioenergy demand, disaggregated between heat, electricity and transport, and on biomass supply, by feedstock and origin (distinguishing between domestic production and imports). For forest biomass, an assessment of its source and impact on the LULUCF sink;

*Amendment*

(4) trajectories on bioenergy demand, disaggregated between heat, electricity and transport, **including the share of biofuels, share of advanced biofuels, share of biofuel produced from crops produced on agricultural land**, and on biomass supply, by feedstock and origin (distinguishing between domestic production and imports). For forest biomass, an assessment of its source and impact on the LULUCF sink;

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### Amendment 131

#### Proposal for a regulation

#### Article 18 — paragraph 1 — point a — point 4 a (new)

Text proposed by the Commission

Amendment

(4a) **objectives and trajectories for renewable energy produced by regions, cities, energy communities and self-consumers;**

### Amendment 132

#### Proposal for a regulation

#### Article 18 — paragraph 1 — point a — point 5

Text proposed by the Commission

Amendment

(5) if applicable, other national trajectories and objectives including long-term and sectorial ones (such as share of biofuels, share of advanced biofuels, share of biofuel produced from main crops produced on agricultural land, share of electricity produced from biomass without the utilisation of heat, share of renewable energy in district heating, renewable energy use in buildings, **renewable energy produced by cities, energy communities and self-consumers**);

(5) if applicable, other national trajectories and objectives including long-term and sectorial ones (such as share of electricity produced from biomass without the utilisation of heat, share of renewable energy in district heating, renewable energy use in buildings, **energy recovered from the sludge acquired through the treatment of wastewater**;

### Amendment 133

#### Proposal for a regulation

#### Article 18 — paragraph 1 — point b — point 1

Text proposed by the Commission

Amendment

(1) implemented, adopted and planned policies and measures to achieve the national **contribution** to the binding Union-level 2030 target for renewable energy as indicated in Article 4(a) (2)(i), including sector- and technology-specific measures, with a specific review of the implementation of measures laid down in Articles 23, 24 and 25 of [recast of Directive 2009/28/EC as proposed by COM(2016)0767];

(1) implemented, adopted and planned policies and measures to achieve the national **targets to meet** the binding Union-level 2030 target for renewable energy as indicated in Article 4(a) (2)(i), including sector- and technology-specific measures, with a specific review of the implementation of measures laid down in Articles 23, 24 and 25 of [recast of Directive 2009/28/EC as proposed by COM(2016)0767];



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**Amendment 134****Proposal for a regulation****Article 18 — paragraph 1 — point b — point 4 a (new)***Text proposed by the Commission**Amendment*

(4a) *specific measures to assess, make transparent and reduce the need for must-run capacity that can lead to curtailment of renewable energy sources;*

**Amendment 135****Proposal for a regulation****Article 19 — paragraph 1 — point a — point 1***Text proposed by the Commission**Amendment*

(1) the trajectory for primary and final energy consumption from 2020 to 2030 as the national energy savings **contribution** to achieving the Union-level 2030 target including underlying methodology;

(1) the trajectory for primary and final energy consumption from 2020 to 2030 as the national energy savings **binding targets** to achieving the Union-level 2030 target including underlying methodology;

**Amendment 136****Proposal for a regulation****Article 19 — paragraph 1 — point a — point 2***Text proposed by the Commission**Amendment*

(2) objectives **for** the long-term renovation of the national stock of both public and private residential **and commercial** buildings;

(2) objectives **of** the long-term strategy for the renovation of the national stock of residential **as well as public and private non-residential buildings;**

**Amendment 137****Proposal for a regulation****Article 19 — paragraph 1 — point b — point 1***Text proposed by the Commission**Amendment*

(1) implemented, adopted and planned policies, measures and programmes to achieve the **indicative** national energy efficiency **contribution** for 2030 as well as other objectives presented in Article 6, including planned measures and instruments (also of financial nature) to promote the energy performance of buildings, measures to utilise energy efficiency potentials of gas and electricity infrastructure and other measures to promote energy efficiency;

(1) implemented, adopted and planned policies, measures and programmes to achieve the **binding** national energy efficiency **target** for 2030 as well as other objectives presented in Article 6, including planned measures and instruments (also of financial nature) to promote the energy performance of buildings, measures to utilise energy efficiency potentials of gas and electricity infrastructure and other measures to promote energy efficiency;

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### Amendment 138

#### Proposal for a regulation

#### Article 19 — paragraph 1 — point b — point 3

*Text proposed by the Commission*

- (3) national energy efficiency obligation scheme and alternative measures pursuant to Article 7a and 7b of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] in accordance with Annex II to this Regulation;

*Amendment*

- (3) national energy efficiency obligation scheme and alternative measures pursuant to Article 7a and 7b of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] in accordance with Annex II to this Regulation, **including the energy savings achieved through national energy efficiency obligations and/or alternative measures adopted in application Articles 7a and 7b and Article 20(6) of Article 7 of Directive 2012/27/EU [as amended by proposal COM(2016)0761] and the impact on consumer bills and including requirements with a social aim;**

### Amendment 139

#### Proposal for a regulation

#### Article 19 — paragraph 1 — point b — point 4

*Text proposed by the Commission*

- (4) long-term strategy for the renovation of the national stock of both public and private residential and **commercial** buildings, including policies and measures to stimulate cost-effective deep and staged deep renovation;

*Amendment*

- (4) long-term strategy for the renovation of the national stock of both public and private residential and **non-residential** buildings, including policies and measures **to guide investment** to stimulate cost-effective deep and staged deep renovation **taking in particular into account an evidence-based estimate of expected energy savings and wider benefits in accordance with Article 2a of Directive (EU) .../... [EPBD, 2016/0381(COD)];**

### Amendment 140

#### Proposal for a regulation

#### Article 19 — paragraph 1 — point b — point 5 a (new)

*Text proposed by the Commission*

*Amendment*

- (5a) **policies and measures to develop the economic potential of high efficient cogeneration and efficient heating and cooling systems pursuant to Article 14 (2) of Directive (EU) .../... [Directive 2012/27/EU as amended by proposal COM(2016)0761];**

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## Amendment 141

## Proposal for a regulation

## Article 19 — paragraph 1 — point b — point 5 b (new)

Text proposed by the Commission

Amendment

(5b) *If applicable, progress on other implemented, adopted and planned policies, measures and actions resulting from the long-term renovation strategies pursuant to Article 2a of Directive (EU) .../... [EPBD, 2016/0381(COD)], including those targeting the worst performing segments of the national building stock and on access to information and financing.*

## Amendment 142

## Proposal for a regulation

## Article 20 — paragraph 1 — point a

Text proposed by the Commission

Amendment

(a) national objectives for **the diversification of** energy sources and supply countries, storage, demand response;

(a) national objectives for **improved energy efficiency and renewable** energy sources and **a diversification of supply, supply routes and** countries, storage, demand response;

## Amendment 143

## Proposal for a regulation

## Article 20 — paragraph 1 — point b

Text proposed by the Commission

Amendment

(b) national objectives with regard to reducing energy import dependency from third countries;

(b) national objectives **and measures** with regard to reducing energy import dependency from third countries **and which do not create obstacles to the successful implementation of the Energy Union;**

## Amendment 144

## Proposal for a regulation

## Article 20 — paragraph 1 — point c a (new)

Text proposed by the Commission

Amendment

(ca) **national objectives with regard to increasing the flexibility of the national energy system, in particular by means of deploying energy efficiency measures, domestic renewable energy sources, demand response and storage;**

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**Amendment 145**

**Proposal for a regulation**

**Article 21 — paragraph 1 — point a**

*Text proposed by the Commission*

- (a) the level of electricity interconnectivity that the Member State aims for in 2030 in relation to the 15 % target on electricity interconnection;

*Amendment*

- (a) the level of electricity interconnectivity that the Member State aims for in 2030 in relation to the **indicative at least** 15 % target on electricity interconnection;

**Amendment 146**

**Proposal for a regulation**

**Article 21 — paragraph 1 — point b**

*Text proposed by the Commission*

- (b) key national objectives for electricity and gas transmission infrastructure that are necessary for the achievement of objectives and targets under any of the five key dimensions of the Energy Union;

*Amendment*

- (b) key national objectives for electricity and gas transmission **and distribution** infrastructure **and its modernisation** that are necessary for the achievement of objectives and targets under any of the five key dimensions of the Energy Union;

**Amendment 147**

**Proposal for a regulation**

**Article 21 — paragraph 1 — point d**

*Text proposed by the Commission*

- (d) national objectives related to **other aspects of the internal energy market such as market integration and coupling, if applicable;**

*Amendment*

- (d) national objectives **and measures** related to **the system flexibility, in particular through the removal of obstacles to free price formation, market integration and coupling, smart grids, aggregation, demand response, storage, distributed generation, mechanisms for dispatching, re-dispatching and curtailment, real-time price signals;**

**Amendment 148**

**Proposal for a regulation**

**Article 21 — paragraph 1 — point e**

*Text proposed by the Commission*

- (e) **national objectives with regards to energy poverty, including the number of households in energy poverty**

*Amendment*

**deleted**

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**Amendment 149****Proposal for a regulation****Article 21 — paragraph 1 — point e a (new)**

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*Text proposed by the Commission*

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*Amendment*

- (ea) *national objectives and measures related to the non-discriminatory participation of renewable energy, demand response and storage, including via aggregation, in all energy markets;*

**Amendment 150****Proposal for a regulation****Article 21 — paragraph 1 — point e b (new)**

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*Text proposed by the Commission*

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*Amendment*

- (eb) *national objectives and measures with regard to ensuring that consumers participate in the energy system and benefits from self-generation and new technologies, including smart meters;*

**Amendment 151****Proposal for a regulation****Article 21 — paragraph 1 — point f**

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*Text proposed by the Commission*

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*Amendment*

- (f) national objectives with regard to ensuring electricity system adequacy, **if applicable**;

- (f) national objectives with regard to ensuring electricity system adequacy, **ensuring that no capacity mechanisms are implemented, or where implemented for the purpose of security of supply are limited to the extent possible**;

**Amendment 152****Proposal for a regulation****Article 21 — paragraph 1 — point f a (new)**

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*Text proposed by the Commission*

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*Amendment*

- (fa) *national measures to establish or review bidding zones so as to address structural congestion, maximise economic efficiency and cross-border trading and ensure security of supply;*

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**Amendment 153**

**Proposal for a regulation**

**Article 21 — paragraph 1 — point g**

*Text proposed by the Commission*

(g) implemented, adopted and planned policies and measures to achieve the objectives referred to in points (a) to **(f)**;

*Amendment*

(g) implemented, adopted and planned policies and measures to achieve the objectives referred to in points (a) to **(fa)**;

**Amendment 154**

**Proposal for a regulation**

**Article 21 a (new)**

*Text proposed by the Commission*

*Amendment*

**Article 21a**

***Integrated Reporting on Energy Poverty***

***Where applicable, a Member State shall include in the integrated national energy and climate progress report quantitative information on the number of households in energy poverty as well as information on policies and measures addressing energy poverty pursuant to Article 3 (3)(v).***

***Where the second subparagraph of Article 3(3)(v) applies, the Member State concerned shall include in the integrated national energy and climate progress report information on the implementation of their national indicative objective to reduce the number of households in energy poverty.***

***The Commission shall share data communicated by Member States pursuant to this Article with the European Energy Poverty Observatory.***

**Amendment 155**

**Proposal for a regulation**

**Article 22 — paragraph 1 — point b**

*Text proposed by the Commission*

(b) national objectives for total (public and private) spending in research and innovation relating to clean energy technologies as well as for technology cost and performance development;

*Amendment*

(b) national objectives for total public and, ***where available***, private spending in research and innovation relating to clean energy technologies as well as for technology cost and performance development;

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**Amendment 156****Proposal for a regulation****Article 22 — paragraph 1 — point d***Text proposed by the Commission**Amendment**(d) national objectives to phase out energy subsidies;**(d) national objectives to phase out energy subsidies, in particular for fossil fuels;***Amendment 157****Proposal for a regulation****Article 22 — paragraph 1 point g***Text proposed by the Commission**Amendment**(g) financing measures, including Union support and the use of Union funds, in this area at national level, if applicable.**(g) financing measures, including Union support and the use of Union funds, in this area at national level, if applicable. **The use made of any financial contribution by the Commission to funding instruments in which Member States jointly commit national resources shall be published.*****Amendment 158****Proposal for a regulation****Article 23 — paragraph 1 — point a***Text proposed by the Commission**Amendment**(a) approximated greenhouse gas inventories for the year X-1;**deleted***Amendment 159****Proposal for a regulation****Article 23 — paragraph 1 — point c a (new)***Text proposed by the Commission**Amendment**(ca) approximated gross final consumption of energy from renewable sources and their approximated gross, primary and final energy consumption for the year X-1.*

Wednesday 17 January 2018

### Amendment 160

#### Proposal for a regulation

#### Article 23 — paragraph 1 — subparagraph 2

*Text proposed by the Commission*

For *the* purposes *of point (a)* the Commission shall, on the basis of the Member States' approximated greenhouse gas inventories or, if a Member State has not communicated its approximated inventories by that date, on the basis of its own estimates, annually compile a Union approximated greenhouse gas inventory. The Commission shall make that information available to the public by 30 September every year.

*Amendment*

For *those* purposes the Commission shall, on the basis of the Member States' approximated greenhouse gas inventories or, if a Member State has not communicated its approximated inventories by that date, on the basis of its own estimates, annually compile a Union approximated greenhouse gas inventory. The Commission shall make that information available to the public by 30 September every year.

### Amendment 161

#### Proposal for a regulation

#### Article 23 — paragraph 1 a (new)

*Text proposed by the Commission*

*Amendment*

**1a. By 31 July 2021, and annually thereafter (year X), Member States shall report to the Commission its approximated greenhouse gas inventories for the year X-1;**

### Amendment 162

#### Proposal for a regulation

#### Article 24

*Text proposed by the Commission*

Article 24

#### **E-reporting platform**

1. The Commission shall establish *an* online *reporting* platform to facilitate communication between the Commission and Member States *and* promote cooperation among Member States.

2. Member States shall use the online platform for the purposes of submitting to the Commission the reports referred to in this Chapter once the platform becomes operational.

*Amendment*

Article 24

#### **E-platform**

1. **As a means of ensuring cost-efficiency**, the Commission shall establish **a public online** platform to facilitate communication between the Commission and Member States, promote cooperation among Member States **and facilitate public access to information**.

2. Member States shall use the online platform for the purposes of submitting to the Commission the reports referred to in this Chapter once the platform becomes operational. **Member States shall make available these reports to the public.**



Wednesday 17 January 2018

Text proposed by the Commission

Amendment

**2a. The Commission shall use the e-platform to facilitate public online access to the draft and final integrated national energy and climate plans and national long-term climate and energy referred to in Articles 3, 9 and 14.**

### Amendment 163

#### Proposal for a regulation

#### Article 25 — paragraph 1 — introductory part

Text proposed by the Commission

Amendment

1. By 31 October 2021 and every second year thereafter, the Commission shall assess, in particular on the basis of the integrated national energy and climate progress reports, of other information reported under this Regulation, of the indicators and of European statistics where available:

1. By 31 October 2021 and every second year thereafter the Commission shall assess, in particular on the basis of the integrated national energy and climate progress reports, of other information reported under this Regulation, **of data from the European Environment Agency and** of the indicators and of European statistics where available:

### Amendment 164

#### Proposal for a regulation

#### Article 25 — paragraph 1 — point a

Text proposed by the Commission

Amendment

(a) the progress made at Union level towards meeting the objectives of the Energy Union, including for the first ten-year period the Union's 2030 targets for energy and climate, notably in view of avoiding any gaps to the Union's 2030 targets for renewable energy and energy efficiency;

(a) the progress made at Union level towards meeting the objectives of the Energy Union, including for the first ten-year period the Union's 2030 targets for energy and climate, notably in view of avoiding any gaps to the Union's 2030 targets for renewable energy and energy efficiency **and in view of the revised Union climate and energy action as appropriate, as outlined in Article 38;**

### Amendment 165

#### Proposal for a regulation

#### Article 25 — paragraph 1 — point a (new)

Text proposed by the Commission

Amendment

**(aa) the progress made at Union level towards diversifying its energy sources and suppliers, contributing to a fully functioning and resilient Energy Union based on security of supply, solidarity and trust;**

Wednesday 17 January 2018

**Amendment 166**

**Proposal for a regulation**

**Article 25 — paragraph 1 — point b**

*Text proposed by the Commission*

(b) the progress made by each Member State towards meeting its targets, **objectives and contributions** and implementing the policies and measures set out in its integrated national energy and climate plan;

*Amendment*

(b) the progress made by each Member State towards meeting its targets **and objectives** and implementing the policies and measures set out in its integrated national energy and climate plan;

**Amendment 167**

**Proposal for a regulation**

**Article 25 — paragraph 1 — point c a (new)**

*Text proposed by the Commission*

*Amendment*

(ca) *the overall impact of the policies and measures of integrated national plans on the operation of the Union climate and energy policy measures, with a view to revising the Union nationally determined contribution and increasing ambition in line with Paris Agreement commitments;*

**Amendment 168**

**Proposal for a regulation**

**Article 25 — paragraph 1 — point c b (new)**

*Text proposed by the Commission*

*Amendment*

(cb) *the overall impact of the policies and measures of integrated national plans on the operation of the EU ETS;*

**Amendment 169**

**Proposal for a regulation**

**Article 25 — paragraph 1 — point c c (new)**

*Text proposed by the Commission*

*Amendment*

(cc) *the accuracy of Member State estimates of the effect of national level overlapping policies and measures on the supply-demand balance of the EU ETS, or, in absence of such estimates, conduct its own assessment of the same impact;*

Wednesday 17 January 2018

**Amendment 170**  
**Proposal for a regulation**  
**Article 25 — paragraph 1 a (new)**

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*Text proposed by the Commission*

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*Amendment*

**1a. The Commission shall announce in advance the indicators that it intends to use to make such assessments.**

**Amendment 171**  
**Proposal for a regulation**  
**Article 25 — paragraph 2**

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*Text proposed by the Commission*

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*Amendment*

2. In the area of renewable energy, as part of its assessment referred to in paragraph 1, the Commission shall assess the progress made in the share of energy from renewable sources in the Union's gross final consumption on the basis of a linear trajectory starting from 20 % in 2020 and reaching at least 27 % in 2030 as referred to in Article 4(a)(2)(i).

2. In the area of renewable energy, as part of its assessment referred to in paragraph 1, the Commission shall assess the progress made in the share of energy from renewable sources in the Union's gross final consumption on the basis of a **binding** linear trajectory starting from 20 % in 2020 and reaching at least 35 % in 2030 as referred to in Article 4(a)(2)(ic).

**Amendment 172**  
**Proposal for a regulation**  
**Article 25 — paragraph 3 — subparagraph 1**

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*Text proposed by the Commission*

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*Amendment*

In the area of energy efficiency, as part of its assessment referred to in paragraph 1, the Commission shall assess progress towards collectively achieving a maximum energy consumption at Union level of **1 321** Mtoe of primary energy consumption and **987** Mtoe of final energy consumption in 2030 as referred to in Article **6(1)(a)**.

In the area of energy efficiency, as part of its assessment referred to in paragraph 1, the Commission shall assess progress towards collectively achieving a maximum energy consumption at Union level of **1 132** Mtoe of primary energy consumption and **849** Mtoe of final energy consumption in 2030 as referred to in Article **6(1)(a)**.

**Amendment 173**  
**Proposal for a regulation**  
**Article 25 — paragraph 3 — subparagraph 2 — point a**

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*Text proposed by the Commission*

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*Amendment*

(a) **consider** whether the Union's **milestone** of no more than 1 483 Mtoe of primary energy and no more than 1 086 Mtoe of final energy in 2020 is achieved;

(a) **assess whether individual Member States are on track to meet their national binding target and** whether the Union's **target** of no more than 1 483 Mtoe of primary energy and no more than 1 086 Mtoe of final energy in 2020 is achieved;

Wednesday 17 January 2018

**Amendment 174**  
**Proposal for a regulation**  
**Article 25 — paragraph 5**

*Text proposed by the Commission*

**5. By 31 October 2019 and every four years thereafter, the Commission shall assess the implementation of Directive 2009/31/EC.**

*Amendment*

*deleted*

**Amendments 175 and 307**  
**Proposal for a regulation**  
**Article 26**

*Text proposed by the Commission*

Article 26

Follow-up in case of inconsistencies with overarching Energy Union objectives and targets under the Effort Sharing Regulation

1. Based on the assessment pursuant to Article 25, the Commission shall issue recommendations to a Member State pursuant to Article 28 if policy developments in that Member State show inconsistencies with the overarching objectives of the Energy Union.

2. The Commission may issue opinions on the action plans submitted by Member States according to Article 8(1) of Regulation [] [ESR].

*Amendment*

Article 26

Follow-up in case of inconsistencies with overarching Energy Union objectives and targets under the Effort Sharing Regulation

1. Based on the assessment pursuant to Article 25, the Commission shall issue recommendations to a Member State pursuant to Article 28 if policy developments in that Member State show inconsistencies with the overarching objectives of the Energy Union **and with the Union's long-term greenhouse gas reductions targets.**

**1a. A Member State that intends to use the flexibility pursuant to Article 7 of Regulation (EU) .../... [Effort Sharing] shall include in the plan pursuant to Article 3 of this Regulation the level of intended use and the planned policies and measures to exceed the requirements under Article 4 of Regulation (EU) .../... [LULUCF] for the period from 2021 to 2030 to the level necessary.**

2. The Commission may issue opinions on the action plans submitted by Member States according to Article 7 **and Article 8** (1) of Regulation [] [ESR].

**2a. The Commission may temporarily suspend the possibility of a Member State to transfer annual emission allocations to other Member States.**

Wednesday 17 January 2018

Text proposed by the Commission

Amendment

**2b.** *Given the high global warming potential and relatively short atmospheric lifetime of methane, the Commission shall analyse the implications for policies and measures of adopting a 20-year time horizon for methane. The Commission shall consider policy options for rapidly addressing methane emissions and come forward with a Union Methane Strategy, taking into account the circular economy objectives as appropriate, with a priority to energy and waste related methane emissions.*

**2c.** *The Commission shall report in 2027 for the period from 2021 to 2025, and in 2032 for the period 2026 to 2030, on the Union's total emissions and removals of greenhouse gases for each of the land accounting categories referred to in Article 2 under Regulation (EU) .../... [LULUCF], calculated as the total reported emissions and removals for the period minus the value obtained by multiplying by five the Union's average annual reported emissions and removals in the period 2000 to 2009. On the basis of the findings of the report, the Commission shall, as appropriate, make proposals to ensure the integrity of the Union's overall 2030 greenhouse gas emission reduction target and its contribution to the goals of the Paris Agreement.*

#### Amendment 309

##### Proposal for a regulation

##### Article 27 — paragraph - 1 (new)

Text proposed by the Commission

Amendment

**-1.** *If, on the basis of the assessment of the draft integrated national energy and climate plans pursuant to Article 9, the Commission concludes that Member States' targets are insufficient for the collective achievement of the Union's 2030 binding overall targets for renewable energy sources and energy efficiency, it may request Member States whose targets it deems to be insufficient to increase their level of ambition in order to ensure the relevant level of collective ambition.*

Wednesday 17 January 2018

### Amendment 310

#### Proposal for a regulation

#### Article 27 — paragraph - 1 a (new)

Text proposed by the Commission

Amendment

**-1a.** *In the area of renewable energy, the Commission shall use the circumstances listed in Article 5(1) as the objective criteria for its assessment referred to in Article 12. Member States with a target below that resulting from applying the formula set out in Annex Ia shall increase their target accordingly.*

### Amendment 176

#### Proposal for a regulation

#### Article 27 — paragraph 1

Text proposed by the Commission

Amendment

1. If, on the basis of its assessment of the integrated national energy and climate plans **and their updates** pursuant to Article 12, the Commission concludes that the targets, objectives **and contributions** of the national plans **or their updates** are insufficient **for the collective achievement of the Energy Union objectives and, in particular, for the first ten-years period, for the Union's 2030 targets for renewable energy and energy efficiency**, it shall take measures at Union level in order to ensure the **collective** achievement of those objectives and targets. With regard to renewable energy, **such measures shall take into consideration the level of ambition of contributions to the Union's 2030 target by Member States set out in the national plans and their updates.**

1. If, on the basis of its assessment of the integrated national energy and climate plans pursuant to Article 12, the Commission concludes that the targets **and** objectives of the national plans are insufficient, it shall take measures at Union level in order to ensure the achievement of those objectives and targets.

With regard to renewable energy, **without prejudice to other measures, Member States' national 2030 target shall be revised pursuant to Article 3(2) and Annex Ia to Directive (EU) .../... [RED recast] by 31 December 2020.**

Wednesday 17 January 2018

## Amendment 177

## Proposal for a regulation

## Article 27 — paragraph 2

Text proposed by the Commission

2. If, on the basis of its assessment pursuant to Article 25(1) (b), the Commission concludes that insufficient progress is made by a Member State towards meeting **the** targets, objectives and **contributions** or implementing the policies and measures set out in its integrated national climate and energy plan, it shall issue recommendations to the Member State concerned pursuant to Article 28. **In issuing such recommendations, the Commission shall take into consideration ambitious early efforts by Member States to contribute to the Union's 2030 target for renewable energy.**

Amendment

2. If on the basis of its assessment pursuant to Article 25(1) (b), the Commission concludes that insufficient progress is made by a Member State towards meeting **their trajectories**, targets **and** objectives or implementing the policies and measures set out in its integrated national climate and energy plan, it shall issue recommendations to the Member State concerned pursuant to Article 28.

## Amendment 178

## Proposal for a regulation

## Article 27 — paragraph 3

Text proposed by the Commission

3. If, on the basis of its **aggregate** assessment of Member States' integrated national energy and climate progress reports **pursuant to Article 25(1)(a), and** supported by other information sources, as appropriate, the Commission concludes that the Union is at risk of not meeting the objectives of the Energy Union and, in particular, for the first ten-years period, the targets of the Union's 2030 Framework for Climate and Energy, it **may** issue recommendations to all Member States pursuant to Article 28 to mitigate such risk. The Commission shall, as appropriate, take measures at Union level in addition to the recommendations in order to ensure, in particular, the achievement of the Union's 2030 targets for renewable energy and energy efficiency. **With regard to renewable energy**, such measures shall take into consideration ambitious early efforts by Member States to contribute to the Union's 2030 target.

Amendment

3. If, on the basis of its assessment of Member States' integrated national energy and climate progress reports **or** supported by other information sources, as appropriate, **pursuant to Article 25** the Commission concludes that the Union is at risk of not meeting the objectives of the Energy Union and, in particular, for the first ten-years period, the targets of the Union's 2030 Framework for Climate and Energy, it **shall** issue recommendations to all Member States pursuant to Article 28 to mitigate such risk. **In issuing such recommendations, the Commission shall take into consideration the Member State's level of ambition to the Union's 2030 targets.** The Commission shall, as appropriate, take measures at Union level in addition to the recommendations in order to ensure in particular the achievement of the Union's 2030 targets for renewable energy and energy efficiency. Such measures shall take into consideration ambitious early efforts, **in particular those from 2021 onwards** by Member States to contribute to the Union's 2030 **targets, the level of compliance by Member States with their national targets and trajectories as well as any contribution to the financial platform pursuant to paragraph 4(c).**

Wednesday 17 January 2018

### Amendment 179

#### Proposal for a regulation

#### Article 27 — paragraph 3 — subparagraph 1 a (new)

Text proposed by the Commission

Amendment

*In the area of energy efficiency, such additional measures may in particular improve the energy efficiency of:*

- (a) products, pursuant to Directives 2009/125/EC and 2010/30/EU;*
- (b) buildings, pursuant to Directives 2010/31/EU and 2012/27/EU; and*
- (c) transport.*

### Amendment 180

#### Proposal for a regulation

#### Article 27 — paragraph 3 a (new)

Text proposed by the Commission

Amendment

*3a. If, on the basis of its assessment pursuant to Article 25 (1)(a), the Commission concludes that an infrastructure project is potentially obstructing the development of a resilient Energy Union, the Commission shall issue a preliminary assessment of the project's compatibility with the long-term objectives of the internal energy market, in particular taking into account the long-term objective, and include recommendations to the Member State concerned pursuant to Article 28. Prior to issuing such an assessment, the Commission may consult other Member States.*

### Amendment 293

#### Proposal for a regulation

#### Article 27 — paragraph 4 — introductory part

Text proposed by the Commission

Amendment

If, in the area of renewable energy, without prejudice to the measures at Union level set out in paragraph 3, the Commission concludes, based on its assessment pursuant to Article 25(1) and (2) **in the year 2023, that the linear Union trajectory referred to in Article 25(2)** is not **collectively met**, Member States shall ensure **by the year 2024** that any emerging gap is covered by additional measures, such as:

If, in the area of renewable energy, without prejudice to the measures at Union level set out in paragraph 3, the Commission concludes, based on its assessment pursuant to Article 25(1) and (2), **that a Member State is not making sufficient progress to comply with its 2030 national target, in particular by not complying with its reference points in 2022, 2025 and 2027 as set out in Annex Ia, the Member States concerned** shall ensure that any emerging gap **with its trajectory** is covered **within one year** by additional measures, such as:



Wednesday 17 January 2018

**Amendment 182****Proposal for a regulation****Article 27 — paragraph 4 — point b a (new)***Text proposed by the Commission**Amendment*

(ba) *action to promote a higher share of electricity generated by renewable energy based on the criteria in Article 4 of Directive (EU) .../... [recast of Directive 2009/28/EC];*

**Amendment 183****Proposal for a regulation****Article 27 — paragraph 4 — point c***Text proposed by the Commission**Amendment*

(c) making a financial contribution to a financing platform set up at Union level, contributing to renewable energy projects and managed directly or indirectly by the Commission;

(c) making a **voluntary** financial contribution to a financing platform set up at Union level contributing to renewable energy projects, **in particular those having an Energy Union interest**, and managed directly or indirectly by the Commission;

**Amendment 184****Proposal for a regulation****Article 27 — paragraph 4 — point c a (new)***Text proposed by the Commission**Amendment*

(ca) *using cooperation mechanisms set out in Directive (EU) .../... [recast of the RED];*

**Amendment 185****Proposal for a regulation****Article 27 — paragraph 4 — subparagraph 2***Text proposed by the Commission**Amendment*

Such measures shall take into account the level of **ambition of early contributions to the Union's 2030 target** for renewable energy **by the Member State concerned**.

Such measures shall take into account the **Member State's level of compliance with its national target and trajectory** for renewable energy.

**The Commission shall, as appropriate, take measures at Union level in addition to measures at national level in order to ensure the achievement of the Union's binding linear trajectory and the Union's 2030 binding target for renewable energy.**

Wednesday 17 January 2018

**Amendment 186**  
**Proposal for a regulation**  
**Article 27 — paragraph 5**

*Text proposed by the Commission*

5. If, in the area of energy efficiency, without prejudice to other measures at Union level pursuant to paragraph 3, the Commission concludes, based on its assessment pursuant to Article 25(1) and (3), in the year 2023 **that progress towards collectively achieving the Union's energy efficiency target mentioned in the first subparagraph of Article 25(3) is insufficient, it shall take measures by the year 2024 in addition to those set out in Directive 2010/31/EU [version as amended in accordance with proposal COM(2016)0765] and Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] to ensure that the Union's binding 2030 energy efficiency targets are met. Such additional measures may in particular improve the energy efficiency of:**

- (a) **products, pursuant to Directive 2010/30/EU and Directive 2009/125/EC;**
- (b) **buildings, pursuant to Directive 2010/31/EU [version as amended in accordance with COM(2016)0765] and Directive 2012/27/EU [version as amended in accordance with COM(2016)0761];**
- (c) **transport.**

*Amendment*

5. If, in the area of energy efficiency, without prejudice to other measures at Union level pursuant to paragraph 3, the Commission concludes, based on its assessment pursuant to Article 25(1) and (3), in the year 2023 **and every two years thereafter that a Member State is not making sufficient progress to comply with its 2030 national binding target and trajectory, the Member State concerned shall ensure by the year 2024 and every two years thereafter, respectively, that any emerging gap to its trajectory is covered by additional measures within one year.**

**Amendment 187**

**Proposal for a regulation**  
**Article 27 — paragraph 5 a (new)**

*Text proposed by the Commission*

*Amendment*

**5a. Each Member State concerned referred to in paragraph 4 or 5 shall detail the additional implemented, adopted and planned measures to cover the gap to comply with its 2030 national targets and trajectories as part of its following progress report referred to in Article 15.**

Wednesday 17 January 2018

**Amendment 188****Proposal for a regulation****Article 28 — paragraph 2 — point b***Text proposed by the Commission*

(b) the Member State shall set out, in its integrated national energy and climate progress report made in the year following the year the recommendation was issued, how it has taken utmost account of the recommendation and how it has implemented or intends to implement it. It shall provide **justifications** where it deviates from it;

*Amendment*

(b) the Member State shall set out, in its integrated national energy and climate progress report made in the year following the year the recommendation was issued, how it has taken account of the recommendation and how it has implemented or intends to implement it. It shall provide **reasons** where it deviates from it.

**Amendment 189****Proposal for a regulation****Article 28 — paragraph 2 — point c***Text proposed by the Commission*

(c) the recommendations should be complementary to the latest country-specific recommendations issued in the context of the European Semester.

*Amendment*

(c) the recommendations should be complementary to the latest country-specific recommendations issued **pursuant to Article 9(2) and** in the context of the European Semester.

**Amendment 190****Proposal for a regulation****Article 28 — paragraph 2 a (new)***Text proposed by the Commission**Amendment*

**2a. The Commission shall make the recommendations to all the Member States public forthwith.**

**Amendment 191****Proposal for a regulation****Article 29 — paragraph 2 — point j a (new)***Text proposed by the Commission**Amendment*

**(ja) an overall assessment of the progress towards the full integration of the energy efficiency first principle and fair treatment for energy consumers;**

Wednesday 17 January 2018

**Amendment 192**

**Proposal for a regulation**

**Article 29 — paragraph 2 — point j b (new)**

*Text proposed by the Commission*

*Amendment*

**(jb) a progress report on competitiveness;**

**Amendment 193**

**Proposal for a regulation**

**Article 29 — paragraph 2 — point j c (new)**

*Text proposed by the Commission*

*Amendment*

**(jc) Member States' progress towards phasing out direct and indirect fossil fuel subsidies by 2020;**

**Amendment 194**

**Proposal for a regulation**

**Article 29 — paragraph 2 — point k a (new)**

*Text proposed by the Commission*

*Amendment*

**(ka) a financial assessment of the costs supported by the final consumer of electricity based on indicators monitoring actual spending for the five dimensions of the Energy Union.**

**Amendment 195**

**Proposal for a regulation**

**Article 30 — paragraph 1**

*Text proposed by the Commission*

*Amendment*

1. By 1 January 2021, Member States shall establish, operate and seek to continuously improve national inventory systems to estimate anthropogenic emissions by sources and removals by sinks of greenhouse gases listed in Part 2 of Annex III to this Regulation and to ensure the timeliness, transparency, accuracy, consistency, comparability and completeness of their greenhouse gas inventories.

1. By 1 January 2021, Member States shall establish, operate and seek to continuously improve national inventory systems **in accordance with UNFCCC requirements** to estimate anthropogenic emissions by sources and removals by sinks of greenhouse gases listed in Part 2 of Annex III to this Regulation and to ensure the timeliness, transparency, accuracy, consistency, comparability and completeness of their greenhouse gas inventories.

Wednesday 17 January 2018

**Amendment 196**  
**Proposal for a regulation**  
**Article 31 — paragraph 1**

*Text proposed by the Commission*

1. **In 2027 and 2032**, the Commission shall carry out a comprehensive review of the national inventory data submitted by Member States pursuant to Article 23(3) of this Regulation with a view to monitoring Member States' greenhouse gas emission reductions or limitations pursuant to Articles 4, 9 and 10 of Regulation [] [ESR] and their reduction of emissions and enhancement of removals by sinks pursuant to Articles 4 and 12 of Regulation [] [LULUCF] and any other greenhouse gas emission reduction or limitation targets set out in Union legislation. Member States shall participate fully in that process.

*Amendment*

1. The Commission shall carry out a comprehensive review of the national inventory data submitted by Member States pursuant to Article 23(3) of this Regulation with a view to monitoring Member States' greenhouse gas emission reductions or limitations pursuant to Articles 4, 9 and 10 of Regulation [] [ESR] and their reduction of emissions and enhancement of removals by sinks pursuant to Articles 4 and 12 of Regulation [] [LULUCF] and any other greenhouse gas emission reduction or limitation targets set out in Union legislation. Member States shall participate fully in that process.

**Amendment 197**  
**Proposal for a regulation**  
**Article 31 — paragraph 6**

*Text proposed by the Commission*

6. The data for each Member State as recorded in the registries set up pursuant to Article 11 of Regulation [] [ESR] one month following the compliance check date with Regulation [] [LULUCF] referred to in paragraph 5 of this Article, shall be used for the compliance check pursuant to Article 9 of Regulation [] [ESR] **for the years 2021 and 2026**. The compliance check pursuant to Article 9 of Regulation [] [ESR] for each of the years **2022 to 2025 and 2027 to 2030** shall be performed at a date falling one month following the date of the compliance check for the previous year. This check shall include changes to such data arising as a result of that Member State making use of the flexibilities pursuant to Articles 5, 6 and 7 of Regulation [] [ESR].

*Amendment*

6. The data for each Member State as recorded in the registries set up pursuant to Article 11 of Regulation [] [ESR] one month following the compliance check date with Regulation [] [LULUCF] referred to in paragraph 5 of this Article, shall be used for the compliance check pursuant to Article 9 of Regulation [] [ESR]. The compliance check pursuant to Article 9 of Regulation [] [ESR] for each of the [years **consistent with the compliance cycle referred to in Article 9 of Regulation (EU) .../... [ESR]**] shall be performed at a date falling one month following the date of the compliance check for the previous year. This check shall include changes to such data arising as a result of that Member State making use of the flexibilities pursuant to Articles 5, 6 and 7 of Regulation [] [ESR].

**Amendment 198**  
**Proposal for a regulation**  
**Article 31 — paragraph 6 a (new)**

*Text proposed by the Commission*

*Amendment*

**6a. The last compliance check referred to in paragraph 6 of this Article, a check of the requirements pursuant to [Article 9a; Early Action Reserve] [ESR] shall be performed by the Commission, upon request by a Member State to make use of the reserve. That check may be followed by changes to data for each eligible Member State where the requirements pursuant to [Article 9a; Early Action Reserve] [ESR] are fulfilled.**

Wednesday 17 January 2018

**Amendment 199**

**Proposal for a regulation**

**Article 35 — paragraph 1 — introductory part**

*Text proposed by the Commission*

The European Environment Agency shall assist the Commission in its work as regards the decarbonisation and energy efficiency dimensions to comply with Articles 14, 15, 16, 17, 18, 19, 23, 24, 25, 29, 30, 31, 32 and 34 in accordance with its annual work programme. That shall include assistance, as required, with:

*Amendment*

The European Environment Agency shall assist the Commission in its work as regards the decarbonisation and energy efficiency dimensions to comply with Articles **13a**, 14, 15, 16, 17, 18, 19, 23, 24, 25, 29, 30, 31, 32 and 34 in accordance with its annual work programme. That shall include assistance, as required, with:

**Amendment 200**

**Proposal for a regulation**

**Article 35 — paragraph 1 — point j a (new)**

*Text proposed by the Commission*

*Amendment*

*(ja) compiling the Union approximated share of renewable energy sources in the final energy consumption and approximated primary and final energy consumption.*

**Amendment 201**

**Proposal for a regulation**

**Article 37 — title**

*Text proposed by the Commission*

*Amendment*

Energy **Union** Committee

Energy **and Climate** Committee

**Amendment 202**

**Proposal for a regulation**

**Article 37 — paragraph 1**

*Text proposed by the Commission*

*Amendment*

1. The Commission shall be assisted by an Energy **Union** Committee. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011 **and work in the respective sectorial formations relevant for this Regulation.**

1. **In the implementation of this Regulation,** the Commission shall be assisted by an Energy **and Climate** Committee. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011.

Wednesday 17 January 2018

**Amendment 203****Proposal for a regulation****Article 37 — paragraph 2***Text proposed by the Commission*

2. *This Committee replaces the committee established by Article 8 of Decision 93/389/EEC, Article 9 of Decision 280/2004/EC and Article 26 of Regulation (EU) No 525/2013. References to the committee set up pursuant to those legal acts shall be construed as references to the committee established by this Regulation.*

*Amendment*

2. *Notwithstanding paragraph 1 of this Article, as regards the implementation of Articles 15, 17, 23, 31 and 32 of this Regulation, the Commission shall be assisted by the Climate Change Committee established by Article 26 of Regulation (EU) No 525/2013.*

**Amendment 204****Proposal for a regulation****Article 38 — paragraph 1***Text proposed by the Commission*

*The Commission shall report to the European Parliament and to the Council by 28 February 2026 and every five years thereafter on the operation of this Regulation, its contribution to the Governance of the Energy Union and the conformity of the planning, reporting and monitoring provisions of this Regulation with other Union legislation or future decisions relating to the UNFCCC and the Paris Agreement. The Commission may make proposals if appropriate.*

*Amendment*

*Within six months of the facilitative dialogue to be convened under the UNFCCC in 2018 to take stock of the collective efforts of Parties in relation to progress towards the global long-term goal, and within six months of the global stocktake in 2023 and subsequent global stocktakes thereafter, the Commission shall report to the European Parliament and to the Council on the operation and implementation of this Regulation, its contribution to the Governance of the Energy Union and the conformity of the planning, reporting and monitoring provisions of this Regulation with other Union legislation or future decisions relating to the UNFCCC and the adequacy of its contribution to the goals of Paris Agreement. The reports shall be accompanied by proposals to enhance the Union's climate and energy action as appropriate.*

**Amendment 205****Proposal for a regulation****Article 38 — paragraph 1 a (new)***Text proposed by the Commission**Amendment*

*Within six months after the Union submits a new or revised Nationally Determined Contribution (NDC) under the Paris Agreement, the Commission shall, as appropriate, submit the necessary legislative proposals to amend the relevant Union legal acts.*

Wednesday 17 January 2018

**Amendment 206**

**Proposal for a regulation**

**Article 40 — paragraph 1 — point 2**

Directive 98/70/EC

Article 7a — paragraph 1 — subparagraph 3 — point a

*Text proposed by the Commission*

*Amendment*

- |   |                |
|---|----------------|
| (2) <i>in the third subparagraph of Article 7a(1), point (a) is replaced by the following:</i><br><br><i>'the total volume of each type of fuel or energy supplied; and';</i> | <i>deleted</i> |
|---|----------------|

**Amendment 207**

**Proposal for a regulation**

**Article 47 — paragraph 1 — point 2**

Directive 2012/27/EU

Article 18 — paragraph 1 — point e

*Text proposed by the Commission*

*Amendment*

- |  |                |
|--|----------------|
| (2) <i>in Article 18(1), point (e) is deleted;</i> | <i>deleted</i> |
|--|----------------|

**Amendment 208**

**Proposal for a regulation**

**Article 49 — paragraph 1 — point 1**

Directive (EU) 2015/652

Annex I — part 2 — points 2, 3, 4 and 7

*Text proposed by the Commission*

*Amendment*

- |  |   |
|--|---|
| (1) in Annex I, Part 2, points <b>2, 3, 4</b> and 7 are deleted. | (1) in Annex I, Part 2, points 4 and 7 are deleted. |
|--|---|



Wednesday 17 January 2018

**Amendment 209****Proposal for a regulation****Article 49 — paragraph 1 — point 2 — point a**

Directive (EU) 2015/652

Annex III — point 1

*Text proposed by the Commission**Amendment*

‘1. Member States are to report the data listed in point 3. These data must be reported for all fuel and energy placed on the market in each Member State. Where multiple biofuels are blended with fossil fuels, the data for each biofuel must be provided.’

‘1. Member States are to report **annually** the data listed in point 3. These data must be reported for all fuel and energy placed on the market in each Member State. Where multiple biofuels are blended with fossil fuels, the data for each biofuel must be provided.’

**Amendment 210****Proposal for a regulation****Article 49 — paragraph 1 — point 2 — point b**

Directive (EU) 2015/652

Annex III — point 3

*Text proposed by the Commission**Amendment*

**(b) in point 3, points (e) and (f) are deleted;**

**deleted**

**Amendment 211****Proposal for a regulation****Article 49 a (new)***Text proposed by the Commission**Amendment***Article 49a****EEA**

1. By ... [six months after the date of entry into force of this Regulation], the Commission shall submit a draft Joint Committee decision to the EEA Joint Committee pertaining to this Regulation with a view to allow EEA EFTA countries to fully implement the provisions of this Regulation, thereby contributing to the goals of the Energy Union.

2. Once incorporated in the EEA EFTA following a Joint Committee decision, obligations of Member States vis-à-vis other Member States under this Regulation shall extend also to those EEA EFTA countries which have implemented the Regulation on their territory.

Wednesday 17 January 2018

**Amendment 212**  
**Proposal for a regulation**  
**Article 50 a (new)**

Text proposed by the Commission

Amendment

**Article 50a**

**Energy Community**

**By ... [six months after the date of entry into force of this Regulation], the Commission shall propose its incorporation in the Energy Community under Article 79 of the Treaty establishing the Energy Community. Once incorporated by a decision of the Ministerial Council of the Energy Community and subject to any modifications under Article 24 of the Treaty establishing the Energy Community, obligations of Member States vis-à-vis other Member States under this Regulation shall extend also to those Contracting Parties of the Energy Community which have implemented the Regulation on their territory.**

**Amendment 213**  
**Proposal for a regulation**  
**Article 51**

Text proposed by the Commission

Amendment

Article 51

Article 51

Transitional provisions

Transitional provisions

By way of derogation from Article 50 of this Regulation, Articles 7 and 17(1)(a) and (d) of Regulation (EU) No 525/2013 shall continue to apply to the reports containing the data required under those Articles for the years 2018, 2019 and 2020.

By way of derogation from Article 50 of this Regulation, Articles 7 and 17(1)(a) and (d) of Regulation (EU) No 525/2013 shall continue to apply to the reports containing the data required under those Articles for the years 2018, 2019 and 2020.

**Article 11(3) of Regulation (EU) No 525/2013 shall continue to apply as regards the second commitment period of the Kyoto Protocol.**

Article 19 of Regulation (EU) No 525/2013 shall continue to apply to the reviews of the GHG inventory data for the years 2018, 2019 and 2020.

Article 19 of Regulation (EU) No 525/2013 shall continue to apply to the reviews of the GHG inventory data for the years 2018, 2019 and 2020.

Article 22 of Regulation (EU) No 525/2013 shall continue to apply to the submission of the report required under that Article.

Article 22 of Regulation (EU) No 525/2013 shall continue to apply to the submission of the report required under that Article.

Wednesday 17 January 2018

Text proposed by the Commission

Amendment

**Article 26(1) of Regulation (EU) No 525/2013 shall continue to apply for the purpose of the implementation of Articles 15, 17, 23, 31 and 32 of this Regulation as well as where referred to in other Union legal acts.**

#### Amendment 214

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 1 — point 1.3 — point iii

Text proposed by the Commission

Amendment

iii. Consultations with stakeholders, including social partners, and engagement of civil society

iii. Consultations with stakeholders, including **the** social partners, and engagement of civil society **and the general public**

#### Amendment 215

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 1 — point 1.4 — title

Text proposed by the Commission

Amendment

1.4. Regional cooperation in preparing the plan

1.4. **Macro-regional and** regional cooperation in preparing the plan

#### Amendment 216

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 1 — point 1.4 — point ii

Text proposed by the Commission

Amendment

ii. Explanation of how regional cooperation is considered in the plan

ii. Explanation of how **macro-regional and** regional cooperation is considered in the plan

Wednesday 17 January 2018

### Amendment 217

#### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.1 — title

Text proposed by the Commission

2.1.1. GHG emissions and removals (**for the plan covering the period from 2021 to 2030, the 2030 Framework target of at least 40 % domestic reduction in economy-wide greenhouse gas emissions as compared to 1990**)<sup>(1)</sup>

<sup>(1)</sup> Consistency to be ensured with long-term low emission strategies pursuant to Article 14.

Amendment

2.1.1. GHG emissions and removals<sup>(1)</sup>

<sup>(1)</sup> Consistency to be ensured with long-term low emission strategies pursuant to Article 14.

### Amendment 218

#### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.1 — point i a (new)

Text proposed by the Commission

Amendment

**ia. The Member State's national trajectories from 2021 onwards for maintaining and enhancing the carbon removals from sinks consistent with the Paris Agreement**

### Amendment 219

#### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.1 — point ii

Text proposed by the Commission

ii. **If applicable**, other national objectives and targets consistent with existing long-term low emission strategies. If applicable, other objectives and targets, including sector targets and adaptation goals

Amendment

ii. Other national objectives and targets consistent with **the Paris Agreement and the long-term climate and energy strategies**. If applicable, other objectives and targets, including sector targets and adaptation goals

### Amendment 220

#### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.2 — point i

Text proposed by the Commission

i. The Member State's **planned share of** energy from renewable sources in gross final consumption of energy in 2030 **as its national contribution to achieve the binding EU-level target of at least 27 % in 2030**

Amendment

i. The Member State's **national target for** energy from renewable sources in gross final consumption of energy in 2030

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**Amendment 221****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.2 — point iii***Text proposed by the Commission*

- 
- iii. Trajectories for the sectorial share of renewable energy in final energy consumption from 2021 to 2030 in the electricity, heating and cooling, and transport sectors

*Amendment*

- 
- iii. **The Member State's** trajectories for the sectorial share of renewable energy in final energy consumption from 2021 to 2030 in the electricity, heating and cooling, and transport (**disaggregated between road, rail and air**) sector

**Amendment 222****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.2 — point iv***Text proposed by the Commission*

- 
- iv. Trajectories by renewable energy technology that the Member State projects to use to achieve the overall and sectorial trajectories for renewable energy from 2021 to 2030 including expected total gross final energy consumption per technology and sector in Mtoe and total planned installed capacity (divided by new capacity and repowering) per technology and sector in MW

*Amendment*

- 
- iv. Trajectories by renewable energy technology that the Member State projects to use to achieve the overall and sectorial trajectories for renewable energy from 2021 to 2030 including expected total gross final energy consumption per technology and sector in Mtoe and total **net** planned installed capacity (divided by new capacity and repowering) per technology and sector in MW

**Amendment 223****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.2 — point v***Text proposed by the Commission*

- 
- v. Trajectories on bioenergy demand, disaggregated between heat, electricity and transport, and on biomass supply, by feedstocks and origin (distinguishing between domestic production and imports). For forest biomass, an assessment of its source and impact on the LULUCF sink

*Amendment*

- 
- v. **The Member State's** trajectories on bioenergy demand, disaggregated between heat, electricity and transport, and on biomass supply by feedstocks, domestic production vs imports. For forest biomass, an assessment of its source and impact on the LULUCF sink

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#### Amendment 224

##### Proposal for a regulation

Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.2 — point v a (new)

Text proposed by the Commission

Amendment

**va. The Member State's share of as well as trajectories and objectives for energy from renewable sources produced by cities, energy communities and self-consumers in 2030 and renewable energy trajectories from 2021 to 2030 including expected total gross final energy consumption**

#### Amendment 225

##### Proposal for a regulation

Annex I — part 1 — section A — paragraph 2 — point 2.1 — point 2.1.2 — point vi

Text proposed by the Commission

Amendment

vi. If applicable, other national trajectories and objectives, including long-term or sectorial ones (e.g. share of advanced biofuels, share of renewable energy in district heating, renewable energy use in buildings, **renewable energy produced by cities, energy communities and self-consumers**)

vi. If applicable, other national trajectories and objectives, including long-term or sectorial ones (e.g. share of renewable energy in district heating, renewable energy use in buildings, **energy recovered from the sludge acquired through the treatment of wastewater**)

#### Amendment 226

##### Proposal for a regulation

Annex I — part 1 — section A — paragraph 2 — point 2.2 — point i

Text proposed by the Commission

Amendment

i. **The indicative national energy efficiency contribution to achieving the Union's binding energy efficiency target of 30 %** in 2030 as referred to in Article 1(1) and Article 3(4) of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761], **based on either primary or final energy consumption, primary or final energy savings, or energy intensity**; expressed in terms of absolute level of primary energy consumption and final energy consumption in 2020 and 2030, with a linear trajectory for that **contribution** from 2021 onwards; including the underlying methodology and the conversion factors used

i. **The Member State's binding target for** energy efficiency in 2030 as referred to in Article 1(1), Article 3(4) of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761], expressed in terms of absolute level of primary energy consumption and final energy consumption in 2020 and 2030, with a linear trajectory for that **target** from 2021 onwards; including the underlying methodology and the conversion factors used

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**Amendment 227****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.2 — point ii***Text proposed by the Commission*

- 
- ii. Cumulative amount of energy savings to be achieved over the period 2021-2030 under Article 7 on energy saving obligations of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761],

*Amendment*

- 
- ii. Cumulative amount of **additional** energy savings to be achieved over the period 2021-2030 **and following periods** under Article 7 on energy saving obligations of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761],

**Amendment 228****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.2 — point iii***Text proposed by the Commission*

- 
- iii. Objectives for the long-term renovation of the national stock of residential and commercial buildings (both public and private)

*Amendment*

- 
- iii. Objectives **for 2030 and 2040** for the long-term renovation of the national stock of residential and **non-residential** buildings (both public and private), **in line with the 2050 goal of a nearly zero energy and decarbonised building stock**

**Amendment 229****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.2 — point iv***Text proposed by the Commission*

- 
- iv. The total floor area to be renovated or equivalent annual energy savings to be achieved from 2021 to 2030 under Article 5 on the exemplary role of public bodies' buildings of Directive 2012/27/EU,

*Amendment*

- 
- iv. The total floor area to be renovated **and corresponding energy savings** or equivalent annual energy savings to be achieved from 2021 to 2030 under Article 5 on the exemplary role of public bodies' buildings of Directive 2012/27/EU

**Amendment 230****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.3 — point i***Text proposed by the Commission*

- 
- i. National objectives with regard to increasing the diversification of energy sources and supply from third countries, storage and demand response

*Amendment*

- 
- i. National objectives with regard to increasing the diversification of energy sources and supply from third countries, **the uptake of energy savings measures**, storage and demand response

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#### Amendment 231

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.3 — point ii

*Text proposed by the Commission*

ii. National objectives with regard to reducing energy import dependency from third countries

*Amendment*

ii. National objectives with regard to reducing energy import dependency **from fossil fuels (oil, coal and gas) and, if applicable, other fuels** from third countries

#### Amendment 232

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.3 — point iv

*Text proposed by the Commission*

iv. National objectives with regard to deployment of domestic energy sources (notably renewable energy)

*Amendment*

iv. National objectives with regard to **increasing the flexibility of the national energy system**

#### Amendment 233

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.4 — point 2.4.1 — point i

*Text proposed by the Commission*

i. The level of electricity interconnectivity that the Member State aims for in 2030 **in relation to the October 2014 European Council objective**

*Amendment*

i. The level of electricity interconnectivity that the Member State aims for in 2030 **of at least 15 %, taking into account the 2020 interconnection target of 10 %**

#### Amendment 234

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.4 — point 2.4.2 — point i

*Text proposed by the Commission*

i. Key national objectives for electricity and gas transmission infrastructure that are necessary for the achievement of objectives and targets under any of the dimensions of the Energy Union **strategy**

*Amendment*

i. Key national objectives for electricity and gas transmission **and distribution** infrastructure **and its modernisation** that are necessary for the achievement of objectives and targets under any of the dimensions of the Energy Union **listed in point 2**



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**Amendment 235****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.4 — point 2.4.3 — point i***Text proposed by the Commission*

i. National objectives related to other aspects of the internal energy market such as market integration and coupling, including a timeframe for when the objectives shall be met

*Amendment*

i. National objectives related to other aspects of the internal energy market such as **increasing system flexibility**, market integration and coupling, **smart grids, aggregation, demand response, storage, distributed generation, mechanisms for dispatching, re-dispatching and curtailment, real-time price signals**, including a timeframe for when the objectives should be met;

**Amendment 236****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.4 — point 2.4.3 — point i a (new)***Text proposed by the Commission**Amendment*

**ia. National objectives related to the non-discriminatory participation of renewable energy, demand response and storage, including via aggregation, in all energy markets including a timeframe for when the objectives should be met;**

**Amendment 237****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.4 — point 2.4.3 — point i b (new)***Text proposed by the Commission**Amendment*

**ib. National objectives with regard to ensuring that consumers participate in the energy system and benefit from self-generation and new technologies, including smart meters;**

**Amendment 238****Proposal for a regulation****Annex I — part 1 — section A — paragraph 2 — point 2.4 — point 2.4.3 — point iii***Text proposed by the Commission**Amendment*

iii. National objectives to protect energy consumers and improve the competitiveness of the retail energy sector

iii. National objectives to protect energy consumers, **increase transparency, encourage supplier switch** and improve the competitiveness of the retail energy sector

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#### Amendment 240

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.5 — point i

*Text proposed by the Commission*

- i. National objectives and funding targets for public **and private** research and innovation relating to the Energy Union including, if appropriate, a timeframe for when the objectives shall be met; reflecting the priorities of the Energy Union Strategy and the SET-Plan

*Amendment*

- i. National objectives and funding targets for public **support for** research and innovation relating to the Energy Union **and its expected leveraging effect on private research** including, if appropriate, a timeframe for when the objectives shall be met; reflecting the priorities of the Energy Union Strategy and the SET-Plan

#### Amendment 241

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 2 — point 2.5 — point ii

*Text proposed by the Commission*

- ii. **If appropriate, national objectives including long-term targets (2050) for the deployment of low-carbon technologies, including for decarbonising energy- and carbon-intensive industrial sectors and, if applicable, for related carbon transport and storage infrastructure**

*Amendment*

- ii. **National 2050 objectives related to the promotion of sustainable technologies**

#### Amendment 242

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.1

*Text proposed by the Commission*

3.1.1 GHG emissions and removals **(for the plan covering the period from 2021 to 2030, the 2030 Framework target)**

- i. Policies and measures to achieve the target set under Regulation [] [ESR] as referred to in 2.1.1 and policies and measures to comply with Regulation [] [LULUCF], covering all key emitting sectors and sectors for the enhancement of removals, with an outlook to the long-term vision and goal to become a **low-carbon economy with a 50 years perspective** and achieving a balance between emissions and removals in accordance with the Paris Agreement

*Amendment*

3.1.1 GHG emissions and removals

- i. Policies and measures to achieve the target set under Regulation [] [ESR] as referred to in 2.1.1 and policies and measures to comply with Regulation [] [LULUCF], **and the trajectories for maintaining and enhancing the carbon removals from sinks as referred in 2.1.1**, covering all key emitting sectors and sectors for the enhancement of removals, with an outlook to the long-term vision and goal **so as to achieve a net-zero greenhouse gas emissions within the Union by 2050 and go into negative emissions soon thereafter** in accordance with the Paris Agreement

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Text proposed by the Commission

Amendment

ii. Regional cooperation in this area

ii. Regional cooperation in this area

iii. If applicable, without prejudice to the applicability of State aid rules, financing measures, including EU support and the use of EU funds, in this area at national level

iii. Without prejudice to the applicability of state aid rules, financing measures, including EU support and the use of EU funds, in this area at national level, if applicable

#### Amendment 243

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.2 — point i

Text proposed by the Commission

Amendment

i. Policies and measures to achieve the national **contribution** to the binding EU-level 2030 target for renewable energy and trajectories as presented in 2.1.2 including sector- and technology-specific measures <sup>(6)</sup>

i. Policies and measures to achieve the **2030 national target and the 2030** binding EU-level target for renewable energy and trajectories as presented in 2.1.2 including sector- and technology-specific measures <sup>(6)</sup>

<sup>(6)</sup> When planning these measures, Member States shall take into account the end of life of existing installations and the potential for repowering.

<sup>(6)</sup> When planning these measures, Member States shall take into account the end of life of existing installations and the potential for repowering.

#### Amendment 244

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.2 — point iii

Text proposed by the Commission

Amendment

iii. Specific measures on financial support, including EU support and the use of EU funds, for the promotion of the production and use of energy from renewable sources in electricity, heating and cooling, and transport

iii. Specific **national** measures on financial support **and fiscal measures as well as** including EU support and the use of EU funds, for the promotion of the production and use of energy from renewable sources in electricity, heating and cooling, and transport

#### Amendment 245

##### Proposal for a regulation

##### Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.2 — point iv

Text proposed by the Commission

Amendment

iv. Specific measures to introduce a one-stop-shop, streamline administrative procedures, provide information and training, and empower renewable self-consumers and energy communities

iv. Specific measures **to remove excessively burdening costs and barriers to renewable deployment and** to introduce a one-stop-shop, streamline administrative procedures, provide information and training. **Expected impact in terms of triggered new renewable energy capacity**

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**Amendment 246**

**Proposal for a regulation**

**Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.2 — point iv a (new)**

*Text proposed by the Commission*

*Amendment*

*iva. Specific measures to confer the right to and encourage all consumers to become renewable self-consumers, individually and collectively, producing, storing, self-consuming and selling their renewable energy, and expected impact in terms of triggered new renewable energy capacity*

**Amendment 247**

**Proposal for a regulation**

**Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.2 — point vi a (new)**

*Text proposed by the Commission*

*Amendment*

*via. Other planned or adopted measures to promote renewable energy, in particular, but not limited to the following:*

- (a) measures aimed to ensure that all public administrations (national, regional or local) integrate the consumption of renewable energy in their activities;*
- (b) provisions included in the context of public procurement legislation aimed to guarantee that public administrations (national, regional and local) incorporate green public procurement awarding criteria for the purpose of encouraging the use of renewable energy sources by legal entities that intend to contract with them, regardless of the product or service to be awarded;*
- (c) provisions concerning the use of renewable energies as a requirement for the granting of any public subsidies or support, when appropriate.*

**Amendment 248**

**Proposal for a regulation**

**Annex I — part 1 — section A — paragraph 3 — point 3.1 — point 3.1.3 — point iv a (new)**

*Text proposed by the Commission*

*Amendment*

*iva. National policies, timelines and measures planned to phase out indirect and indirect fossil fuel subsidies by 2020*

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**Amendment 249****Proposal for a regulation****Annex I — part 1 — section A — paragraph 3 — point 3.2 — introductory part***Text proposed by the Commission*

Planned policies, measures and programmes to achieve the **indicative** national energy efficiency target for 2030 as well as other objectives presented in 2.2, including planned measures and instruments (also of financial nature) to promote the energy performance of buildings, in particular as regards the following:

*Amendment*

Planned policies, measures and programmes to achieve the **binding** national energy efficiency target for 2030 as well as other objectives presented in 2.2, including planned measures and instruments (also of financial nature) to promote the energy performance of buildings, in particular as regards to the following:

**Amendment 250****Proposal for a regulation****Annex I — part 1 — section A — paragraph 3 — point 3.2 — point ii***Text proposed by the Commission*

ii. Long-term strategy for the renovation of the national stock of residential and commercial buildings (both public and private)<sup>(7)</sup> including policies and measures to stimulate cost-effective deep and staged deep renovations

<sup>(7)</sup> In accordance with Article 2a of Directive 2010/31/EU [version as amended in accordance with proposal COM(2016)0765].

*Amendment*

ii. Long-term strategy for the renovation of the national stock of residential and **non-residential** buildings (both public and private)<sup>(7)</sup> including **energy efficiency and savings** policies, measures **and actions** to stimulate cost-effective deep and staged deep renovations **as well as those targeting the worst performing building stock and households in energy poverty**

<sup>(7)</sup> In accordance with Article 2a of Directive 2010/31/EU [version as amended in accordance with proposal COM(2016)0765].

**Amendment 251****Proposal for a regulation****Annex I — part 1 — section A — paragraph 3 — point 3.2 — point iv***Text proposed by the Commission*

iv. Other planned policies, measures and programmes to achieve the **indicative** national energy efficiency target for 2030 as well as other objectives presented in 2.2 (for example measures to promote the exemplary role of public buildings and energy-efficient public procurement, measures to promote energy audits and energy management systems<sup>(9)</sup>, consumer information and training measures<sup>(10)</sup>, and other measures to promote energy efficiency<sup>(11)</sup>)

<sup>(9)</sup> In accordance with Article 8 of Directive 2012/27/EU.

<sup>(10)</sup> In accordance with Articles 12 and 17 of Directive 2012/27/EU

<sup>(11)</sup> In accordance with Article 19 of Directive 2012/27/EU.

*Amendment*

iv. Other planned policies, measures and programmes to achieve **binding** national energy efficiency target for 2030 as well as other objectives presented in 2.2 (for example measures to promote the exemplary role of public buildings and energy-efficient public procurement, measures to promote energy audits and energy management systems<sup>(9)</sup>, consumer information and training measures<sup>(10)</sup>, and other measures to promote energy efficiency<sup>(11)</sup>)

<sup>(9)</sup> In accordance with Article 8 of Directive 2012/27/EU.

<sup>(10)</sup> In accordance with Articles 12 and 17 of Directive 2012/27/EU

<sup>(11)</sup> In accordance with Article 19 of Directive 2012/27/EU.

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**Amendment 252**

**Proposal for a regulation**

**Annex I — part 1 — section A — paragraph 3 — point 3.2 — point iv a (new)**

*Text proposed by the Commission*

*Amendment*

***iva. Description of policies and measures to promote the role of local energy communities in contributing to the implementation of policies and measures in points i, ii, iii and iv***

**Amendment 253**

**Proposal for a regulation**

**Annex I — part 1 — section A — paragraph 3 — point 3.4 — point 3.4.3 — point ii**

*Text proposed by the Commission*

*Amendment*

ii. Measures to increase the flexibility of the energy system with regard to renewable energy production, including the roll-out of intraday market coupling and cross-border balancing markets

ii. Measures to increase the flexibility of the energy system, including the roll-out of intraday market coupling and cross-border balancing markets, ***the deployment of smart grids and storage, the growth of demand response and distributed generation as well as the adjustment of price formation, including via real-time price signals***

**Amendment 254**

**Proposal for a regulation**

**Annex I — part 1 — section A — paragraph 3 — point 3.4 — point 3.4.3 — point ii a (new)**

*Text proposed by the Commission*

*Amendment*

***ii.a. Measures to ensure the non-discriminatory participation of renewable energy, demand response and storage, including via aggregation, in all energy markets***

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## Amendment 255

## Proposal for a regulation

## Annex I — part 1 — section A — paragraph 3 — point 3.4 — point 3.4.3 — point iii

Text proposed by the Commission

iii. Measures **to ensure priority access and dispatch of electricity produced from renewable energy sources or high-efficiency cogeneration and prevent the curtailment or re-dispatch of this electricity** <sup>(18)</sup>

<sup>(18)</sup> In accordance with [recast of Directive 2009/72/EC as proposed by COM(2016)0864 and recast of Regulation (EC) No 714/2009 as proposed by COM(2016)0861]

Amendment

iii. Measures **related to the adaptation of system operation rules and practices to enhance system flexibility; measures related to the use of dispatching rules which serve the achievement of the national renewable energy and greenhouse gas emissions reduction targets; measures related to the use of rules which minimise and compensate renewable energy re-dispatching and curtailment; measures to advance aggregation** <sup>(18)</sup>

<sup>(18)</sup> In accordance with [recast of Directive 2009/72/EC as proposed by COM(2016)0864 and recast of Regulation (EC) No 714/2009 as proposed by COM(2016)0861]

## Amendment 256

## Proposal for a regulation

## Annex I — part 1 — section A — paragraph 3 — point 3.5 a (new)

Text proposed by the Commission

Amendment

3.5a. **Energy efficiency first principle**

**Description of how the dimensions and the policies and measures are taking into account the energy efficiency first principle**

## Amendment 257

## Proposal for a regulation

## Annex I — part 1 — section B — paragraph 4 — point 4.4 — point i

Text proposed by the Commission

Amendment

i. Current energy mix, domestic energy resources, import dependency, including relevant risks

i. Current energy mix, domestic energy resources, **including demand response**, import dependency, including relevant risks

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**Amendment 258**

**Proposal for a regulation**

**Annex I — part 1 — section B — paragraph 4 — point 4.6 — point iii a (new)**

*Text proposed by the Commission*

*Amendment*

***iiia. Current level of national fossil fuel subsidies***

**Amendment 259**

**Proposal for a regulation**

**Annex I — part 1 — section B — paragraph 4 — point 4.6 — point iv**

*Text proposed by the Commission*

*Amendment*

iv. Projections of developments in i. to **iii.** with existing policies and measures at least until 2040 (including for the year 2030)

iv. Projections of developments in i. to **iiia.** with existing policies and measures at least until 2040 (including for the year 2030)

**Amendment 260**

**Proposal for a regulation**

**Annex I — part 1 — section B — paragraph 4 — point 4.6 a (new)**

*Text proposed by the Commission*

*Amendment*

***4.6a. Energy efficiency first principle***

***Description of how the dimensions and the policies and measures are taking into account the energy efficiency first principle***

**Amendment 261**

**Proposal for a regulation**

**Annex I — part 1 — section B — paragraph 5 — title**

*Text proposed by the Commission*

*Amendment*

**5. IMPACT ASSESSMENT OF PLANNED POLICIES AND MEASURES <sup>(29)</sup>**

**5. IMPACT ASSESSMENT OF PLANNED POLICIES MEASURES AND INVESTMENT STRATEGIES <sup>(29)</sup>**

<sup>(29)</sup> Planned policies and measures are options under discussion and having a realistic chance of being adopted and implemented after the date of submission of the national plan. The resulting projections under section 5.1.i shall therefore include not only implemented and adopted policies and measures (projections with existing policies and measures), but also planned policies and measures.

<sup>(29)</sup> Planned policies and measures are options under discussion and having a realistic chance of being adopted and implemented after the date of submission of the national plan. The resulting projections under section 5.1.i shall therefore include not only implemented and adopted policies and measures (projections with existing policies and measures), but also planned policies and measures.



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**Amendment 262****Proposal for a regulation****Annex I — part 1 — section B — paragraph 5 — point 5.1***Text proposed by the Commission*

5.1. Impacts of planned policies and measures described in section 3 on energy system and greenhouse gas emissions and removals including comparison to projections with existing policies and measures (as described in section 4).

*Amendment*

5.1. Impacts of planned policies, measures and **investment strategies** described in section 3 on energy system and greenhouse gas emissions and removals including comparison to projections with existing policies and measures (as described in section 4).

**Amendment 263****Proposal for a regulation****Annex I — part 1 — section B — paragraph 5 — point 5.1 — point ii***Text proposed by the Commission*

ii. Assessment of policy interactions (between existing and planned policies and measures within a policy dimension and between existing and planned policies and measures of different dimensions) at least until the last year of the period covered by the plan

*Amendment*

ii. Assessment of policy interactions (between existing and planned policies and measures within a policy dimension and between existing and planned policies and measures of different dimensions) at least until the last year of the period covered by the plan, **in particular to establish a robust understanding of the impact of energy efficiency / energy savings policies on the sizing of the energy system and to reduce the risk of stranded investments in energy supply.**

**Amendment 264****Proposal for a regulation****Annex I — part 1 — section B — paragraph 5 — point 5.1 — point ii a (new)***Text proposed by the Commission**Amendment*

**ii.a. Assessment of interactions between existing and planned national policies and measures, and Union climate and energy policy measures.**

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**Amendment 265**

**Proposal for a regulation**

**Annex I — part 1 — section B — paragraph 5 — point 5.2 a (new)**

*Text proposed by the Commission*

*Amendment*

**5.2a Health and wellbeing**

- i. Implications for air quality and related health effects*
- ii. Other health and wellbeing impacts (e.g. water, noise or other pollution, walking and cycling expansion, commuting or other transport changes etc.)*

**Amendment 266**

**Proposal for a regulation**

**Annex I — part 1 — section B — paragraph 5 — point 5.2 b (new)**

*Text proposed by the Commission*

*Amendment*

**5.2b. Environmental impacts**

- i. Details of any strategic environmental assessment or environmental impact assessments related to the strategy or national plans*
- ii. Water-related aspects e.g. water demand or extraction (taking account of potential future climate change), impacts on water or marine habitats of hydro or tidal power etc.*
- iii. Environmental (and climate) impacts of any increased mobilisation of bioenergy use (crop-based biofuels, forest biomass etc.) and relationship to strategy for removals in the land use sector*

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**Amendment 267****Proposal for a regulation****Annex I — part 1 — section B — paragraph 5 — point 5.2 c (new)***Text proposed by the Commission**Amendment***5.2c Investment impacts**

- i. existing investment flows;*
- ii. forward investment assumptions linked to each of the planned policies and measures, including the risk profile of the planned policies and measures;*
- iii. sector or market risk factors or barriers in the national (or macro-regional) context;*
- iv. analysis of additional public finance support or resources to fill identified gaps identified under (iii);*
- v. qualitative assessment of investor confidence, including visibility of a project pipeline and viability or attractiveness of investment opportunities;*
- vi. review of previous year against assumptions, forward view including substantive factors facing investors.*

**Amendment 294/rev****Proposal for a regulation****Annex I a (new)***Text proposed by the Commission**Amendment***Annex Ia****NATIONAL TRAJECTORIES FOR THE SHARE OF ENERGY FROM RENEWABLE SOURCES IN GROSS FINAL CONSUMPTION OF ENERGY BETWEEN 2020 AND 2030**

*The trajectory referred to in the second subparagraph of Article 4(a)(2) shall consist of the following reference points:*

*S2020 + 0,20 (S2030 — S2020), as an average for the period 2021 to 2022;*

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Text proposed by the Commission

Amendment

**S2020 + 0,45 (S2030 — S2020), as an average for the period 2023 to 2025; and**

**S2020 + 0,70 (S2030 — S2020), as an average for the period 2025 to 2027;**

where:

**S2020 = the target for that Member State in 2020 pursuant to Article 3 and Annex I — part A of Directive .../... [recast of Directive 2009/28/EC as proposed by COM(2016)0767]**

and

**S2030 = the target for that Member State in 2030.**

#### Amendment 270

##### Proposal for a regulation

##### Annex II — paragraph 1 — point b

Text proposed by the Commission

Amendment

(b) volume of sales of energy used in transport excluded from the calculation [in ktoe];

(b) volume of sales of energy used in transport excluded from the calculation, **if any** [in ktoe];

#### Amendment 271

##### Proposal for a regulation

##### Annex II — paragraph 1 — point c

Text proposed by the Commission

Amendment

(c) quantity of energy generated for own use excluded from the calculation [in ktoe];

(c) quantity of energy generated for own use excluded from the calculation **if any** [in ktoe];

#### Amendment 272

##### Proposal for a regulation

##### Annex II — paragraph 1 — point f — introductory part

Text proposed by the Commission

Amendment

(f) **application of exemptions (b), (c), (d) and (e) referred to Article 7(2) and (3) of Directive 2012/27/EU:**

(f) **volumes of sales of energy or amount of energy savings [in ktoe] that are exempted pursuant to Article 7(2) and (3) of Directive 2012/27/EU;**

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**Amendment 274****Proposal for a regulation****Annex II — paragraph 1 — point f — point ii***Text proposed by the Commission**Amendment*

**(ii) amount of energy savings [in ktoe] achieved in the energy transformation, distribution and transmission sectors in line with point (c),**

*deleted***Amendment 275****Proposal for a regulation****Annex II — paragraph 1 — point f — point iii***Text proposed by the Commission**Amendment*

**(iii) amount of energy savings [in ktoe] resulting from individual actions newly implemented since 31 December 2008 that continue to have an impact in 2020 and beyond and in line with point (d);**

*deleted***Amendment 276****Proposal for a regulation****Annex II — paragraph 1 — point f — point iv***Text proposed by the Commission**Amendment*

**(iv) amount of energy generated on or in buildings for own use as a result of policy measures promoting new installation of renewable energy technologies in line with point (e) [in ktoe];**

*deleted***Amendment 277****Proposal for a regulation****Annex II a (new)***Text proposed by the Commission**Amendment***Annex IIa****GENERAL FRAMEWORK FOR LONG-TERM CLIMATE AND ENERGY STRATEGIES****1. OVERVIEW AND PROCESS FOR DEVELOPING THE STRATEGIES****1.1. Executive Summary**

Wednesday 17 January 2018

Text proposed by the Commission

Amendment

## 1.2. Context

1.2.1. *National, EU and international policy context for the long term strategies*

1.2.2. *Legal context*

## 1.3. Consultations

1.3.1. *Consultations with public and stakeholders (national parliament, local and regional, public and other relevant stakeholders)*

1.3.2. *Consultations with other Member States, third countries and EU institutions*

## 2. NATIONAL LONG TERM CLIMATE AND ENERGY STRATEGIES

### 2.1. TOTAL GREENHOUSE GAS EMISSIONS REDUCTIONS AND ENHANCEMENTS OF REMOVALS BY SINK

2.1.1. *Carbon budget until 2100 consistent with Paris Agreement*

2.1.2. *Trajectory for cost-effective pathway for net zero greenhouse gas emission — by 2050 and negative emissions soon thereafter*

2.1.3. *National target for 2030 and milestones for at least 2040 and 2050 aligned with the trajectory referred to under 2.1.2.*

2.1.4. *International dimension*

2.1.5. *Long-term adaptation goals*

### 2.2. RENEWABLE ENERGY

2.2.1. *Trajectory for reaching a renewables-based energy system in gross final consumption of energy — by 2050*

2.2.2. *National target for the share of energy from renewable sources in gross final consumption of energy in 2030 and the milestones for at least 2035, 2040 and 2045 aligned with the trajectory referred to under 2.2.2.*

### 2.3. ENERGY EFFICIENCY

2.3.1. *Trajectory for reaching the most energy efficient based economy by 2050 in line with the objectives referred to in 2.1.2 and 2.2.1*

Wednesday 17 January 2018

Text proposed by the Commission

Amendment

*2.3.2. National energy efficiency target expressed in terms of absolute level of primary energy consumption and final energy consumption in 2030, and the milestones for at least 2035, 2040 and 2045*

### **3. SECTORIAL STRATEGIES**

#### **3.1. Energy system**

*3.1.1. Likely future demand, by energy carrier*

*3.1.2. Likely future generation capacity, including centralised and distributed storage, by technology*

*3.1.3. Intended or likely future emissions trajectory or range*

*3.1.4. Description of main drivers for energy efficiency, demand-side flexibility and energy consumption and their evolution from 2021 and beyond*

*3.1.5. Outline of policies and measures envisaged to achieve the renewables-based energy system referred to in 2.2.1 in gross final consumption of energy and the most energy efficient and flexible economy by 2050, including trajectories per technology*

#### **3.2. Industry**

*3.2.1. Expected emissions trajectories by sector and sources of energy supply*

*3.2.2. Decarbonisation options or policy approaches and any existing targets, plans or strategies, including electrification, alternative fuels, energy efficiency measures, etc*

#### **3.3. Buildings**

*3.3.1. Expected energy demand in buildings, differentiated by building category, including commercial, residential and public buildings*

*3.3.2. Future energy supply source*

*3.3.3. Potential for energy demand reduction through renovation of existing buildings and related societal, economic and environmental benefits*

*3.3.4. Policy measures to stimulate renovation of the existing building stock*

Wednesday 17 January 2018

Text proposed by the Commission

Amendment

### **3.4. Transport**

**3.4.1. Expected emissions and energy sources by transport type (e.g. cars and vans, heavy duty road transport, shipping, aviation, rail)**

**3.4.2. Decarbonisation options or policy approaches**

**3.5. Agriculture and land use, land-use change and forestry (LULUCF)**

**3.5.1. Current emissions by all sources and by individual greenhouse gases**

**3.5.2. Emissions reduction options and policy measures to maintain and enhance sinks including national targets or objectives**

**3.5.3. Links to agricultural and rural development policies**

**3.6. Cross-sectorial strategy elements and other relevant sectors**

## **4. FINANCING**

**4.1. Estimates of investment needed**

**4.2. Policies and measures related to use of public finance and incentivising private investment**

**4.3. Strategies for related research, development and innovation**

## **5. ANALYTICAL BASIS AND SOCIO-ECONOMIC IMPACTS**

**5.1. Modelling, scenarios or analysis drawn on in developing the strategy**

**5.2. Competitiveness and economic impacts**

**5.3. Health, environment and social impacts**



Wednesday 17 January 2018

Text proposed by the Commission

Amendment

**5.4. Strategy to ensure long-term resilience of the sectors in section 3**

**6. Annexes (as necessary)**

**6.1. Supporting analysis**

**6.1.1. Details of any 2050 modelling (including assumptions) and/or other quantitative analysis, indicators etc**

**6.1.2. Data tables or other technical annexes**

**6.2. Other sources**

#### Amendment 278

##### Proposal for a regulation

##### Annex III — part 1 — point n

Text proposed by the Commission

Amendment

(n) information of the Member State's intentions to make use of the flexibilities in Article 5(4) and (5) of Regulation [] [ESR].

(n) information of the Member State's intentions to make use of the flexibilities in Article 5(4) and (5), **7, and of the use of revenues under Article 5(5a)** of Regulation [] [ESR].

#### Amendment 279

##### Proposal for a regulation

##### Annex VII — part 1 — point m — point 1 — point a

Text proposed by the Commission

Amendment

(a) Primary biomass from forest used directly for energy production

(a) Primary biomass from forest used directly for energy production **or for producing processed wood-based fuel**

#### Amendment 280

##### Proposal for a regulation

##### Annex VII — part 1 — point m — point 1 — point a — point iii

Text proposed by the Commission

Amendment

iii) Round wood (split into industrial roundwood and fuelwood)

iii) Round wood (split into industrial roundwood, **precommercial thinnings** and fuelwood)

Wednesday 17 January 2018

**Amendment 281**

**Proposal for a regulation**

**Annex VII — part 1 — point m — point 2 — point b a (new)**

*Text proposed by the Commission*

*Amendment*

**(ba) Manure**

**Amendment 282**

**Proposal for a regulation**

**Annex VII — part 2 — point b**

*Text proposed by the Commission*

*Amendment*

(b) energy savings achieved through Article 7 of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] in years X-3 and X-2;

(b) **the cumulative amount of** energy savings achieved through Article 7 of Directive 2012/27/EU [version as amended in accordance with proposal COM(2016)0761] in years X-3 and X-2, **as well as:**

**(i) the amount of savings achieved by each policy, measure and individual action**

**(ii) an explanation on how and on the basis of which data these savings have been estimated**

**(iii) an explanation on whether or not the Member State is on track to achieve the total amount of savings required by the end of the period described in Article 7 of Directive 2012/27/EU [as amended by proposal COM(2016)0761]. If the Member State is not on track, it shall provide further explanation on the corrective actions it intends to take to deliver the savings**

**(iv) in case the measures included in the progress report deviate from the measures included in the Member State's notification, a justification;**

**Amendment 283**

**Proposal for a regulation**

**Annex VIII — point b**

*Text proposed by the Commission*

*Amendment*

(b) the impact of the production and use of biomass on sustainability in the Union and in third countries, including impacts on biodiversity;

(b) the impact of the production and use of biomass on sustainability in the Union and in third countries, including impacts on biodiversity, **water and air quality and land-use rights, taking due account of the principles of the waste hierarchy established in Directive 2008/98/EC;**

Wednesday 17 January 2018

**Amendment 284**  
**Proposal for a regulation**  
**Annex VIII — point f**

*Text proposed by the Commission*

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(f) in respect of both third countries and Member States that are a **significant** source of biofuels, bioliquids and biomass fuels consumed within the Union, on national measures taken to respect the sustainability criteria and greenhouse gas saving criteria set out in Article 26, paragraphs 2 to 7, of [recast of Directive 2009/28/EC as proposed by COM(2016)0767], for soil, water and air protection.

*Amendment*

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(f) in respect of both third countries and Member States that are a source of **raw materials for and of** biofuels, bioliquids and biomass fuels consumed within the Union, on national measures taken to respect the sustainability criteria and greenhouse gas saving criteria set out in Article 26, paragraphs 2 to 7, of [recast of Directive 2009/28/EC as proposed by COM(2016)0767], for soil, water and air protection.

**Amendment 285**  
**Proposal for a regulation**  
**Annex VIII — point f a (new)**

*Text proposed by the Commission*

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(fa) ***an evaluation of the effectiveness of bioenergy sustainability criteria as outlined in Directive (EU) .../... [Renewable Energy Directive] in providing greenhouse gas savings, protecting carbon sinks, biodiversity, food security and peoples' land use rights.***

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