



EUROPEAN PARLIAMENT

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*Committee on Industry, Research and Energy*

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**2012/2103(INI)**

01.10.2012

# **AMENDMENTS**

## **1 - 248**

**Draft report**  
**Niki Tzavela**  
(PE491.249v01-00)

on the Energy roadmap 2050, a future with energy  
(2012/2103(INI))

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PE496.406v01-00

**EN**

*United in diversity*

**EN**

AM\_Com\_NonLegReport

**Amendment 1**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Citation 2**

*Motion for a resolution*

*Amendment*

*– having regard to the motion for a resolution on the impact of photovoltaic plants on grassland (B7-0186/2012),*

*deleted*

Or. en

**Amendment 2**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Citation 3**

*Motion for a resolution*

*Amendment*

*– having regard to the motion for a resolution on future tidal power plants (B7-0192/2012),*

*deleted*

Or. en

**Amendment 3**

**Alejo Vidal-Quadras, Pilar del Castillo Vera**

**Motion for a resolution**

**Citation 3 a (new)**

*Motion for a resolution*

*Amendment*

*- having regard to the new Energy Efficiency Directive,*

Or. en

**Amendment 4**  
**Maria Da Graça Carvalho, Pilar del Castillo Vera**

**Motion for a resolution**  
**Citation 7 a (new)**

*Motion for a resolution*

*Amendment*

**- having regard to the informal agreement reached between the European Parliament and the Council on the Energy Efficiency Directive,**

Or. en

**Amendment 5**  
**Niki Tzavela, Konrad Szymański**

**Motion for a resolution**  
**Recital A a (new)**

*Motion for a resolution*

*Amendment*

***Aa. Whereas it should be recalled that the pillars of the EU energy policy are security of supply (diversity of sources), competitive prices and energy efficiency, which are complemented by the policy aim to reduce green house gas emissions;***

Or. en

**Amendment 6**  
**Niki Tzavela, Konrad Szymański**

**Motion for a resolution**  
**Recital A b (new)**

*Motion for a resolution*

*Amendment*

***Ab. Whereas the competitiveness of the European industry needs to be taken into***

*account, by means of adequate policies and instruments and by adapting to a process that would re-industrialise our economy;*

Or. en

**Amendment 7**  
**Niki Tzavela, Konrad Szymański**

**Motion for a resolution**  
**Recital A c (new)**

*Motion for a resolution*

*Amendment*

*Ac. Whereas it is in the interests of Member States to reduce their dependency of energy imports with volatile prices, and to diversify energy supplies;*

Or. en

**Amendment 8**  
**Niki Tzavela, Konrad Szymański**

**Motion for a resolution**  
**Recital A d (new)**

*Motion for a resolution*

*Amendment*

*Ad. Whereas the challenge of energy security is to alleviate uncertainties that give rise to tensions between states and to reduce market inefficiencies that hamper the benefits of trade, both for suppliers and consumers;*

Or. en

**Amendment 9**  
**Niki Tzavela, Konrad Szymański**

**Motion for a resolution**  
**Recital A e (new)**

*Motion for a resolution*

*Amendment*

***Ae. Whereas it is important to obtain an early indication of whether the challenging goals of the Roadmap can be achieved and to review the impact on the EU's economy including global competitiveness, employment and social security;***

Or. en

**Amendment 10**  
**Niki Tzavela**

**Motion for a resolution**  
**Recital A f (new)**

*Motion for a resolution*

*Amendment*

***Af. Whereas Member States, energy companies and the general public need to have a clear view of the direction of the EU's energy policy, which must be backed by more certainty, including milestones and targets for 2030, with a view to incentivising and reducing the risk of long-term investments;***

Or. en

**Amendment 11**  
**Jolanta Emilia Hibner**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

*Amendment*

1. Recognises the benefits ***to*** Member States ***of*** working together for ***an energy***

1. Recognises the benefits ***that*** Member States ***may derive from*** working together

*system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;*

*for the transformation of energy systems, which should be embarked upon without undue delay and at a pace dictated by the progress achieved in global climate negotiations; considers, therefore, the Commission's Energy Roadmap 2050 to be a basis for discussion;*

Or. pl

**Amendment 12**  
**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;**

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030; **calls on the Commission to propose a Climate and Energy Package, including strong 2030 targets for renewables, greenhouse gas emission reductions and energy efficiency;**

Or. en

**Amendment 13**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **including milestones and targets**; notes that defining energy targets for 2050 assumes **pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap**;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **based on targets for greenhouse gas emissions, renewable energy and energy efficiency**; notes that defining energy targets for 2050 assumes **near-zero emission energy systems in line with UN climate science and European Council conclusions**

Or. en

**Amendment 14**  
**Gaston Franco, Françoise Grossetête**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; **endorses, therefore, the Commission's Energy Roadmap 2050 as the basis** for proposing legislative and other initiatives on energy policy with a view to developing a policy framework **for 2030**, including milestones and **targets**; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; **considers** the Commission's Energy Roadmap 2050 as **a guidance** for proposing legislative and other initiatives on energy policy with a view to developing a **long-term stable** policy framework **towards a low carbon emission, competitive and secure energy system in 2050**, including milestones and **emissions reduction target** ; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a **technology-neutral** strategy that will allow Member States to



cooperate and not feel repressed under the Roadmap; *encourages work to define the 2030 policy framework in the appropriate timetable to provide investor security.*

Or. en

## Amendment 15

Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz

### Motion for a resolution

#### Paragraph 1

##### *Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; *endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets;* notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

##### *Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; notes that defining energy targets for 2050 assumes pan-European governance - *creating of the European Energy Community*; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

##### *Justification*

*The necessity of creation of the European Energy Community has been confirmed in the resolution of the European Parliament of 8 November 2010 on "Towards a new energy strategy for Europe 2011-2020" (Kolarska-Bobińska report). European Energy Community with strong common energy market, common European funding of new low-emission energy technologies and coordination of energy purchasing outside of the European Union is of crucial importance for realizing the goals of the "Energy roadmap 2050".*

## Amendment 16

Yannick Jadot

on behalf of the Verts/ALE Group

### Motion for a resolution

#### Paragraph 1

##### *Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing **a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance**; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

##### *Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing **an energy and climate change policy framework for 2030, including targets for greenhouse gas emissions, renewables and energy efficiency and milestones for 2040 and 2050**; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

## Amendment 17

Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage

### Motion for a resolution

#### Paragraph 1

##### *Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start **now**; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **including milestones and targets**; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the

##### *Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start **immediately**; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **based on targets for greenhouse gas emissions, renewable energy and energy efficiency**; notes that defining energy

spirit of the Union, a strategy that will allow Member States to cooperate **and not feel repressed under** the Roadmap;

targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate **freely in order to implement** the Roadmap;

Or. en

### **Amendment 18**

**Kathleen Van Brempt, Britta Thomsen, Marita Ulvskog**

#### **Motion for a resolution**

##### **Paragraph 1**

###### *Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **including milestones and** targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

###### *Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, **based on legally binding targets (for greenhouse gas emissions, renewables and energy efficiency)** ; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

### **Amendment 19**

**Konrad Szymański**

#### **Motion for a resolution**

##### **Paragraph 1**

###### *Motion for a resolution*

1. Recognises the benefits to Member

###### *Amendment*

1. Recognises the benefits to Member

States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; **pursues**, within the spirit of *the Union*, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; **proposes the adoption**, within the spirit of *solidarity*, of a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap; **points out, in this context, a major flaw in the Action Plan, which does not include a separate impact study for each Member State**;

Or. pl

**Amendment 20**  
**Rachida Dati**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets, **with the aim of establishing an ambitious and stable legal and regulatory framework**; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

**Amendment 21****Alejo Vidal-Quadras, Pilar del Castillo Vera, Eija-Riitta Korhola****Motion for a resolution****Paragraph 1***Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including ***appropriate economically efficient decarbonisation*** milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a ***technology-neutral*** strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

**Amendment 22****Romana Jordan****Motion for a resolution****Paragraph 1***Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a

view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

view to developing a policy framework for 2030, including milestones and targets **and activities at international level**; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a **technologically neutral** strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. sl

**Amendment 23**  
**Herbert Reul**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation **which must start now**; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including **milestones and targets**; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including **a target**; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. de

**Amendment 24**  
**Jerzy Buzek**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance - ***creating of the European Energy Community***; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

*Justification*

*The necessity of creation of the European Energy Community has been confirmed in the resolution of the European Parliament of 25 November 2010 on "Towards a new energy strategy for Europe 2011-2020" (Kolarska-Bobińska report). European Energy Community with strong common energy market, common European funding of new low-emission energy technologies and coordination of energy purchasing outside of the EU is of crucial importance for realizing the goals of the Energy roadmap 2050.*

**Amendment 25**

**Lambert van Nistelrooij**

**Motion for a resolution**

**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a

view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 **and the intervening period** assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. nl

### **Amendment 26**

**Edit Herczog, Silvia-Adriana Țicău, Zigmantas Balčytis, Norbert Glante**

#### **Motion for a resolution**

##### **Paragraph 1**

###### *Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

###### *Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a **technology-neutral** strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

### **Amendment 27**

**Ioannis A. Tsoukalas**

#### **Motion for a resolution**

##### **Paragraph 1**



*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate **and not feel repressed** under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate under the Roadmap;

Or. en

**Amendment 28**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 1**

*Motion for a resolution*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

*Amendment*

1. Recognises the benefits to Member States of working together for an energy system transformation which must start now; endorses, therefore, the Commission's Energy Roadmap 2050 as the basis for proposing legislative and other initiatives on energy policy with a view to developing a policy framework for 2030, including **non-binding** milestones and targets; notes that defining energy targets for 2050 assumes pan-European governance; pursues, within the spirit of the Union, a strategy that will allow Member States to cooperate and not feel repressed under the Roadmap;

Or. en

**Amendment 29**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz, Jerzy Buzek**

**Motion for a resolution**

**Paragraph 1 a (new)**

*Motion for a resolution*

*Amendment*

***1a. Notes that implementing environment and climate policies without taking account of challenges such as energy security cannot be a replacement for an energy policy conducted according to the principle of sustainable development, which guarantees current and future generations equitable, universal and competitive access to energy resources while respecting the natural environment;***

Or. pl

**Amendment 30**

**Bendt Bendtsen, Krišjānis Kariņš**

**Motion for a resolution**

**Paragraph 1 a (new)**

*Motion for a resolution*

*Amendment*

***1a. Accepts the main finding of the Energy Roadmap 2050 that economic decarbonisation costs are manageable, and not higher than continuation of current policies, if action starts early so that energy system restructuring coincides with investment cycles thereby avoiding stranded investment as well as costly lock-ins of carbon intensive technology that will be uneconomical in the medium and long term;***

Or. en

**Amendment 31**  
**Alejo Vidal-Quadras, Eija-Riitta Korhola**

**Motion for a resolution**  
**Paragraph 1 a (new)**

*Motion for a resolution*

*Amendment*

***1a. Considers that a single GHG reduction target to 2030, at a level consistent with the 2050 EU decarbonisation aspirations, would help reduce the overall costs of the policy and simplify the EU legislative framework;***

Or. en

**Amendment 32**  
**Kathleen Van Brempt, Britta Thomsen, Marita Ulvskog**

**Motion for a resolution**  
**Paragraph 2**

*Motion for a resolution*

*Amendment*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a ***basis for*** constructive dialogue on issues relating to industry, research and energy;

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a ***framework for developing more precise policy instruments aimed at reaching the objectives and binding targets, based on a*** constructive dialogue ***with all involved stakeholders*** on issues relating to industry, research and energy;

Or. en

**Amendment 33**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed strategies for 2030 and 2050 **are not of a deterministic nature, but rather** serve as a basis for constructive dialogue on issues relating to industry, research and energy;

*Amendment*

2. Notes that the proposed strategies for 2030 and 2050 serve as a basis for **progressive measures** constructive dialogue on issues relating to industry, research and energy **and environmental protection in accordance with the Treaties.**

Or. en

**Amendment 34**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed **strategies for 2030 and 2050** are not of a deterministic nature, but rather serve as a basis for constructive dialogue on **issues relating to industry, research and energy**;

*Amendment*

2. Notes that the proposed **scenarios for 2050** are not of a deterministic nature, but rather serve as a basis for constructive dialogue on **how to transform Europe's energy system**;

Or. en

**Amendment 35**

**Lena Kolarska-Bobińska**

**Motion for a resolution**

**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy;

*Amendment*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy; **underlines that all future energy projections,**

*including the energy roadmap, are based on uncertain assumptions as to technological and economy developments; underlines, therefore, that any policy choices must be subject to continuous review and adjustment and based on the most cautious assumptions possible;*

Or. en

**Amendment 36**  
**Rachida Dati**

**Motion for a resolution**  
**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy;

*Amendment*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy; *stresses, however, the need to establish a stable legal and regulatory framework with explicit, quantifiable targets with a view to predicting future developments and encouraging long-term investment;*

Or. fr

**Amendment 37**  
**Gaston Franco, Françoise Grossetête**

**Motion for a resolution**  
**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy;

*Amendment*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy; *calls on the*

*European commission to regularly update the roadmap taking due account of Member states energy policy choices and technology developments;*

Or. en

**Amendment 38**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy;

*Amendment*

2. Notes that the proposed strategies for 2030 and 2050 are not of a deterministic nature, but rather serve as a basis for constructive dialogue on issues relating to industry, research and energy, ***without the inflexibility implied in a document prescribing international cooperation and global action on climate change;***

Or. sl

**Amendment 39**  
**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

**Motion for a resolution**  
**Paragraph 2**

*Motion for a resolution*

2. Notes that the proposed ***strategies for 2030 and 2050*** are not of a deterministic nature, but rather serve as a basis for constructive dialogue on ***issues relating to industry, research and energy;***

*Amendment*

2. Notes that the proposed ***scenarios for 2050*** are not of a deterministic nature, but rather serve as a basis for constructive dialogue on ***how to transform Europe's energy system in order to meet our long-term goal of reducing greenhouse gas emissions by 80 to 95% by 2050 below 1990 levels;***

Or. en

**Amendment 40**  
**Herbert Reul**

**Motion for a resolution**  
**Paragraph 2 a (new)**

*Motion for a resolution*

*Amendment*

*2a. Welcomes the outlining of scenarios in the Commission's Energy Roadmap 2050; emphasises that both the scenarios based on current trends and those based on decarbonisation are simply projections, which certainly do not cover the full range of possibilities and can thus do no more than offer ideas for the future structure of Europe's energy supply; emphasises that the projections prepared for the Commission's Energy Roadmap 2050 need to be further developed, including on the basis of models other than the PRIMES energy system model, and that additional low-carbon scenarios need to be outlined (e.g. 'increased use of nuclear energy' and 'increased use of gas with CCS') in order to promote a better understanding of the alternative approaches to developing a secure, cost-effective, low-emission energy supply for Europe in the future;*

Or. de

**Amendment 41**  
**Kathleen Van Brempt, Marita Ulvskog**

**Motion for a resolution**  
**Paragraph 2 a (new)**

*Motion for a resolution*

*Amendment*

*2 a. Proposes that the assumptions underlying the different scenario's and especially the costs attributed to the*

*various energy sources are reviewed on a regular basis; in these assessments, special attention must be paid to the changes in investment requirements, technical and economic feasibility, technological developments, lock-in risks and life-cycle costs of the various energy generation options;*

Or. en

**Amendment 42**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 2 a (new)**

*Motion for a resolution*

*Amendment*

*2a. Stresses the need to balance the climate objectives with the need for sustainable and competitive growth and energy security within every Member State; in this regard, notes that the roadmap is lacking because it does not present the effect of policy choices on individual Member States; calls on the Commission to urgently prepare such national analyses;*

Or. en

**Amendment 43**  
**Bendt Bendtsen**

**Motion for a resolution**  
**Paragraph 2 a (new)**

*Motion for a resolution*

*Amendment*

*2a. Acknowledges the fact that electricity from low carbon sources are indispensable for decarbonisation, requiring an almost carbon free electricity*



*sector in the EU by 2050, and around  
60% CO2 reductions by 2030;*

Or. en

**Amendment 44**

**Kathleen Van Brempt, Marita Ulvskog, Judith A. Merkies, Britta Thomsen**

**Motion for a resolution**

**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy *could potentially* play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 *strategies and to present a 2030* policy framework *for European energy policy*; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy *can* play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 *legislation to renew and extend the climate and energy package in order to ensure a stable European energy policy framework towards 2030 and 2040, with an emphasis on binding targets for energy efficiency, greenhouse gas emissions and renewable energy and by full integration of the no regrets options of the energy roadmap 2050*; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy; *stresses in this regard that timely and full implementation of all provisions of the Renewable Energy Directive 2009/28/EC is vital for achieving the EU's binding target of at least 20% by 2020;*

Or. en

**Amendment 45**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz**

**Motion for a resolution**

**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; ***emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy;*** encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; ***calls for action to be taken to limit the energy sector's negative impact on the environment, while taking account of the effects of the action taken on the competitiveness of national economies and the EU economy, as well as on citizens' security of electricity supply; believes that it is particularly important at a time of economic crisis to be very cautious in making further commitments which would impose a differentiated burden on the economies of the Member States;*** encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. pl

**Amendment 46**

**Fiona Hall, Corinne Lepage, Kent Johansson**

**Motion for a resolution**

**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that ***energy could*** potentially play in spurring growth ***and*** competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that ***decarbonisation can*** potentially play in spurring growth, ***economic*** competitiveness ***and jobs*** in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy ***based on the no regrets options identified in the Roadmap;*** encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy ***with a particular emphasis on the 20% energy***

*efficiency target by 2020 which is currently not on track;*

Or. en

**Amendment 47**  
**Lambert van Nistelrooij**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring *economic growth and creating jobs* and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present *as soon as possible* a 2030 policy framework for European energy policy; *reminds the Commission that quickly providing certainty about the future regulatory framework helps when making investment decisions*; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. nl

**Amendment 48**  
**Alejo Vidal-Quadras, Eija-Riitta Korhola**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could

potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy ***including a proposal for a single GHG reduction target compatible with EU 2050 decarbonisation aspirations and backed by an Impact Assessment***; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. en

#### **Amendment 49**

**Yannick Jadot**

on behalf of the Verts/ALE Group

#### **Motion for a resolution**

##### **Paragraph 3**

###### *Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy ***could potentially*** play in spurring ***growth*** and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

###### *Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that ***renewable energy and energy savings*** play in spurring ***jobs, energy independence*** and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy ***based on the no-regrets options identified***; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. en

#### **Amendment 50**

**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose *post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;*

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose *a binding renewable energy target for 2030; points out that such action give industry the investment certainty it requires, significantly reduces greenhouse gas emissions, creates employment, promotes the EU's energy independence, and fosters technological leadership and industrial innovation;*

Or. en

**Amendment 51**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy; *calls on the Agency for the Cooperation of Energy Regulators (ACER), the European Network of Transmission System Operators for Electricity (ENTSO-E), and the European*

*Network of Transmission System Operators for Gas (ENSTO-G) to participate in the necessary active long-term infrastructure planning;*

Or. sl

**Amendment 52**  
**Konrad Szymański**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy *that takes account of the fact that significant investment in infrastructure is vital in the long term, even if no major changes are made to the energy mix*; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. pl

**Amendment 53**  
**Niki Tzavela**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could

potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy, ***thus providing a reliable guide for investment decisions***; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. en

**Amendment 54**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy ***framework for European energy policy***; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy ***based on the no regrets options identified in the energy roadmap 2050***; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. en

**Amendment 55**  
**Rachida Dati**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy *could potentially play* in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy *plays* in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current 2020 targets in the area of EU energy policy;

Or. fr

**Amendment 56**  
**Herbert Reul**

**Motion for a resolution**  
**Paragraph 3**

*Motion for a resolution*

3. Highlights the importance of the EU's energy policy amidst the financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current **2020** targets in the area of EU energy policy;

*Amendment*

3. Highlights the importance of the EU's energy policy amidst the *economic and* financial crisis; emphasises the role that energy could potentially play in spurring growth and competitiveness in the EU; calls on the Commission to propose post-2020 strategies and to present a 2030 policy framework for European energy policy; encourages the Member States to step up their ongoing efforts to reach the current targets in the area of EU energy policy;

Or. de

**Amendment 57**  
**Niki Tzavela, Herbert Reul, Konrad Szymański**



**Motion for a resolution**  
**Paragraph 3 – a (new)**

*Motion for a resolution*

*Amendment*

***3a. Notes that in order to make an informed and balanced decision regarding post 2020 strategies, a review of the existing 2020 strategies will be necessary;***

Or. en

**Amendment 58**  
**Kathleen Van Brempt, Judith A. Merkies, Britta Thomsen, Marita Ulvskog**

**Motion for a resolution**  
**Paragraph 3 a (new)**

*Motion for a resolution*

*Amendment*

***3a. Urges the Commission to come forward with one specific scenario which guides the way towards 2050; stresses that this scenario should be based on the no-regrets options combining high energy efficiency, high renewables and a smart infrastructure; realizes that it is impossible to look into the future but stresses that a clear action plan and consensus among all the Member States is crucial to reach the goals of sustainability, security and competitiveness;***

Or. en

**Amendment 59**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 3 a (new)**

*Motion for a resolution*

*Amendment*

**3a. Calls on the Commission to adopt the strategy of regional energy specialisation, so regions could develop those energy sources which are the most efficient to fulfil the European 2050 goals, for example solar in the South and wind in the North; believes that, on the basis of this specialisation, the EU should move to measuring European energy objectives on a EU-Wide scale in place of national targets;**

Or. en

**Amendment 60**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz, Jerzy Buzek**

**Motion for a resolution**

**Paragraph 3 a (new)**

*Motion for a resolution*

*Amendment*

**3a. draws attention to the lack of a basis for increasing the target for reducing emissions in the EU by 2020, as well as for the setting of new post-2020 emission reduction targets, before a global greenhouse gas emission reduction agreement has been signed under the auspices of UNFCCC;**

Or. pl

**Amendment 61**

**Kathleen Van Brempt, Britta Thomsen, Judith A. Merkies**

**Motion for a resolution**

**Paragraph 3 b (new)**

*Motion for a resolution*

*Amendment*

**3b. Stresses that this scenario towards 2050 needs to be detailed, outlining specific crucial projects and ambitious policy measures including intermediate and 2050 targets for energy efficiency, renewable energy and green house gas emissions; emphasizes the urgency in developing this scenario as the first steps need to be taken now;**

Or. en

**Amendment 62**  
**Bernd Lange**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; *Underlines* the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; **highlights the core aims of the Europe 2020 strategy for smart, sustainable and inclusive growth and calls for such a policy approach to be pursued beyond 2020**; *underlines* the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

Or. de

**Amendment 63**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; ***Emphasises in this regard the headline targets of the Europe 2020 strategy for smart, sustainable and inclusive growth and calls for the continuation of such a policy approach post-2020***; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

Or. en

**Amendment 64**  
**Konrad Szymański**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; *Underlines* the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; ***draws attention, however, to the fact that the development of renewable energy sources, despite reducing energy dependence, does not necessarily compensate for the economic costs of transformation***; *underlines, therefore,* the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

**Amendment 65**

**Lena Kolarska-Bobińska, Romana Jordan**

**Motion for a resolution**

**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency; ***supports the recommendation of the Energy Roadmap Advisory Group to explicitly address and make transparent the potential trade-offs between carbon reduction, security of supply and competitiveness, under each scenario;***

Or. en

**Amendment 66**

**Alejo Vidal-Quadras, Pilar del Castillo Vera, Eija-Riitta Korhola**

**Motion for a resolution**

**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of

supply routes and sources, *and* energy efficiency;

supply routes and sources, *energy efficiency and a more efficient and optimised power system design to boost investments in low-carbon energy production and backup generation;*

Or. en

#### **Amendment 67**

**Judith A. Merkies, Maria Da Graça Carvalho, Norbert Glante**

#### **Motion for a resolution**

##### **Paragraph 4**

###### *Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

###### *Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency; *stresses, in this regard, the importance of increasing Europe's industrial competitiveness, stimulating sustainable economic growth en creating jobs;*

Or. en

#### **Amendment 68**

**Fiona Hall, Graham Watson, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

#### **Motion for a resolution**

##### **Paragraph 4**

###### *Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the

###### *Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the

necessary investments *for low-carbon energy investments*; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

necessary investments *into sustainable low-carbon technologies*; underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as *increased deployment of European renewables*, the diversification of supply routes and sources *including better interconnection among Member States*, and energy efficiency;

Or. en

#### **Amendment 69**

**Kathleen Van Brempt, Judith A. Merkies, Marita Ulvskog**

#### **Motion for a resolution**

##### **Paragraph 4**

###### *Motion for a resolution*

4. Stresses that a clear policy and regulatory framework *will* stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as *the diversification of supply routes and sources, and* energy efficiency;

###### *Amendment*

4. Stresses that a clear policy and regulatory framework *is of major importance to help* stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy *sustainability*, security and economic competitiveness through measures such as *enhancing renewable energy, diversifying energy supply and boosting* energy efficiency;

Or. en

#### **Amendment 70**

**Yannick Jadot**

on behalf of the Verts/ALE Group

#### **Motion for a resolution**

##### **Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments **for low-carbon energy investments**; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments **in renewable energy and energy efficiency**; Underlines the importance of an energy strategy focused on **environmental sustainability**, increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, **and energy saving** and energy efficiency;

Or. en

**Amendment 71**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security **and** economic competitiveness through measures such as the diversification of supply routes and sources, **and energy efficiency**;

*Amendment*

4. Stresses that a clear, **coherent and consistent** policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security, economic competitiveness **and environmental sustainability** through measures such as **increased deployment of renewables**, the diversification of supply routes and sources, **energy efficiency and savings and better interconnection among Member States**;

Or. en

**Amendment 72**  
**Sabine Wils, Marisa Matias**



**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for **low-carbon** energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy **security and economic competitiveness** through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for **renewable** energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy **independence** through measures such as the diversification of supply routes and sources, **namely renewable energies** and energy efficiency;

Or. en

**Amendment 73**  
**Ioannis A. Tsoukalas**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, **and** energy **efficiency**;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes, **suppliers** and sources, **energy efficiency and strong R&D investment in energy related fields**;

Or. en

**Amendment 74**  
**Edit Herczog, Silvia-Adriana Țicău, Zigmantas Balčytis, Norbert Glante**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, ***the preservation of a European industrial base for energy technologies*** and energy efficiency;

Or. en

**Amendment 75**  
**Gaston Franco**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments ***for*** low-carbon energy ***investments***; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear ***and stable*** policy and regulatory framework will stimulate the necessary investments ***in*** low-carbon energy ***technologies***; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

Or. en

**Amendment 76**  
**Niki Tzavela**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear, ***stable and predictable*** policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, ***distributors*** and energy efficiency;

Or. en

**Amendment 77**

**Pilar del Castillo Vera, Alejo Vidal-Quadras, Maria Da Graça Carvalho, Krišjānis Kariņš, Antonio Cancian**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments ***in an economically efficient way***; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

Or. en

**Amendment 78**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; *Underlines* the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear, ***predictable, stable, and coherent*** policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; *underlines* the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

Or. sl

**Amendment 79**  
**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz, Jerzy Buzek**

**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for ***low-carbon*** energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for ***low-emission*** energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*(This amendment applies throughout the text. Adopting it will necessitate corresponding changes throughout.)*

Or. en

**Amendment 80**  
**Rachida Dati**

PE496.406v01-00

44/142

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**Motion for a resolution**  
**Paragraph 4**

*Motion for a resolution*

4. Stresses that a clear policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

*Amendment*

4. Stresses that a clear ***and stable*** policy and regulatory framework will stimulate the necessary investments for low-carbon energy investments; Underlines the importance of an energy strategy focused on increasing the EU's energy security and economic competitiveness through measures such as the diversification of supply routes and sources, and energy efficiency;

Or. fr

**Amendment 81**  
**Kathleen Van Brempt, Marita Ulvskog**

**Motion for a resolution**  
**Paragraph 4 a (new)**

*Motion for a resolution*

*Amendment*

***4a. Notes that the prices of energy sources and functioning carbon markets play a major role in determining the behaviour of market actors, including industry and consumers, and notes that the inability of the current EU policy framework to fully internalise external costs perpetuates unsustainable consumption patterns and reduces the speed of the transition towards sustainability; calls for a post 2020 policy framework to be guided by the polluters pay principle and long term rules to guarantee security for markets actors;***

Or. en

**Amendment 82**  
**András Gyürk**

**Motion for a resolution**  
**Paragraph 4 a (new)**

*Motion for a resolution*

*Amendment*

***4a. Recognises that energy infrastructure projects are characterised by vast upfront investment and a 20-60 year operational lifetime; recalls that the current market environment is highly unpredictable thus investors are hesitant on energy infrastructure development; stresses that new strategies and innovative instruments shall be promoted to encourage infrastructure investments enabling a quick adaptation to the rapidly changing environment;***

Or. en

**Amendment 83**  
**Yannick Jadot**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 4 a (new)**

*Motion for a resolution*

*Amendment*

***4a. Acknowledges the Union's commitment to reducing greenhouse gas emissions by 80-95% below 1990 levels by 2050; underlines the need for urgent action at local, regional, national, international, and global levels to adequately address the task of limiting global average surface temperature increases to less than 2 degrees centigrade in order to prevent further dangerous climate change;***

Or. en

**Amendment 84**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 4 a (new)**

*Motion for a resolution*

*Amendment*

*4a. Stresses that any future energy actions must apply a fair burden sharing between Member States and that changes in the European energy policy should not negatively influence growth in those Member States having an underdeveloped energy sector and infrastructures;*

Or. en

**Amendment 85**  
**Lambert van Nistelrooij**

**Motion for a resolution**  
**Paragraph 4 a (new)**

*Motion for a resolution*

*Amendment*

*4a. Stresses that the EU is well on course to meet the European target of 20% renewable energy; emphasises that further action is needed to ensure that this share does not quickly shrink again after 2020;*

Or. nl

**Amendment 86**  
**Vicky Ford, Giles Chichester**

**Motion for a resolution**  
**Paragraph 4 a (new)**

*Motion for a resolution*

*Amendment*

**4a. Welcomes the Commission's ambition to explore opportunities for delivering the EU's decarbonisation objectives whilst ensuring security of energy supply and maintaining economic competitiveness;**

Or. en

**Amendment 87**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 4 b (new)**

*Motion for a resolution*

*Amendment*

**4b. Stresses that the policy and regulatory framework must be in line with the greenhouse gas emissions budget, which could allow the increase of the global mean temperature to be kept to a level below 2°C compared to pre-industrial levels; stresses therefore that by 2050 the EU economy must be turned into a nearly full renewable energy-based economy;**

Or. en

**Amendment 88**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz, Jerzy Buzek**

**Motion for a resolution**

**Paragraph 5**

*Motion for a resolution*

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national,

5. Recalls that **according to the Treaties** it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap



regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's ***decarbonisation objective in an economically efficient, safe and sustainable way***, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's ***climate goals basing on the principles of sustainable development, energy security and competitiveness of European economy***, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach; ***stresses however that new policies must take into consideration differences between the Member States and have to implement intelligent and flexible measures tailored to each MS energy mix and potential to reduce emissions, and cannot affect MS's rights determined in the Treaties***;

Or. en

**Amendment 89**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to

be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

be played by the EU ***in ensuring that national policies are consistent with EU aims and law***; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, ***competitive***, safe and sustainable way, ***with as little distortion of the market as possible***, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach, ***which has to allow for the special features of small-scale energy systems and the resulting need for flexibility***;

Or. sl

**Amendment 90**  
**Hannu Takkula, Riikka Manner**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy

savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

savings, supported, inter alia, by available Union financial instruments; ***stresses that flexible, innovative public and private funding and investment solutions are central to the development and production of new energy sources***; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. fi

**Amendment 91**  
**Kathleen Van Brempt**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, ***as well as the*** important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, ***moreover stresses that, to be able to reach an energy transformation that is well coordinated, Union wide, interconnected and sustainable, there is a very*** important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

**Amendment 92****Fiona Hall, Corinne Lepage****Motion for a resolution****Paragraph 5***Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to **modernise** energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix **within the long-term EU energy and climate change framework**; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to **decarbonise** energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

**Amendment 93****Jolanta Emilia Hibner****Motion for a resolution****Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the **EU's** decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the decarbonisation objective **agreed upon by the Council as part of global efforts** in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. pl

**Amendment 94**

**Alejo Vidal-Quadras, Pilar del Castillo Vera, Eija-Riitta Korhola**

**Motion for a resolution**

**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member

States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in *an* economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in *a technology-neutral, economically efficient, reliable, safe and sustainable way whilst minimising market distortions*, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. en

**Amendment 95**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

*Amendment*

5. Recalls that, *providing the Union acquis is respected*, it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate,

common European approach;

Or. en

## **Amendment 96**

**Vladko Todorov Panayotov**

### **Motion for a resolution**

#### **Paragraph 5**

##### *Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

##### *Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix (***including environmentally friendly and sustainable use of coal and nuclear energy***); acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. en

##### *Justification*

*(The scenarios' analyses made for the Commission to facilitate the preparation of the Energy Roadmap 2050 clearly pointed out that coal could continue to play an important role in a sustainable and secure energy supply in the future and that nuclear energy contributes to lower system costs and electricity prices.)*

**Amendment 97**  
**Konrad Szymański**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in **an** economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in **a technology-neutral**, economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. en

**Amendment 98**  
**Edit Herczog, Silvia-Adriana Țicău, Zigmantas Balčytis, Norbert Glante**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy



Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an ***technology-neutral*** economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. en

**Amendment 99**  
**Herbert Reul**

**Motion for a resolution**  
**Paragraph 5**

*Motion for a resolution*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts to fully tap the potential for cost-effective energy

*Amendment*

5. Recalls that it is in the competence of each Member State to define its own energy mix; acknowledges that the Energy Roadmap 2050 complements national, regional and local efforts to modernise energy supply; acknowledges, therefore, the need for Member States to work together on the basis of common objectives, as well as the important role to be played by the EU; urges the Member States and the Commission to continue to pursue options which can meet the EU's decarbonisation objective in an economically efficient, safe and sustainable way, and to continue with efforts ***at national level*** to fully tap the potential for

savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

cost-effective energy savings, supported, inter alia, by available Union financial instruments; recognises, at the same time, the merits of developing a coordinated and, where appropriate, common European approach;

Or. de

#### **Amendment 100**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz, Jerzy Buzek**

#### **Motion for a resolution**

#### **Paragraph 5 a (new)**

*Motion for a resolution*

*Amendment*

***5a. Stresses that basing the energy systems of EU Member States on their own energy resources and on their being able to access them is an essential pillar of energy security; Believes, therefore, that from this perspective it would be most rational for Member States to develop those energy technologies for which they have potential and experience, and which guarantee them a continuous and stable supply of energy, while maintaining environmental and climate standards;***

Or. pl

#### **Amendment 101**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz**

#### **Motion for a resolution**

#### **Paragraph 5 b (new)**

*Motion for a resolution*

*Amendment*

***5b. Points out that the main trend of planned actions should not focus on, as is currently the case, achieving top-down scenarios on reduction goals, but rather***

*on implementing action scenarios that take account of issues such as the existing potential in Member States, prospects for the development of economically effective new technologies, and the global effects of implementing the proposed policy, in order then to propose reduction goals for the following years (bottom-up approach);*

Or. pl

**Amendment 102**  
**Jolanta Emilia Hibner**

**Motion for a resolution**  
**Paragraph 6**

*Motion for a resolution*

*Amendment*

*6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies under certain assumptions;*

*deleted*

Or. pl

**Amendment 103**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 6**

*Motion for a resolution*

*Amendment*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies under certain assumptions;

6. Recognises the conclusions reached in the Energy Roadmap *suggest* that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies under certain assumptions; *notes*,

*however, that in order to give the conclusions creditability, the roadmap assumptions must be reviewed continually and amended when proven in error;*

Or. en

**Amendment 104**  
**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 6**

*Motion for a resolution*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies *under certain assumptions*;

*Amendment*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies, *even more so when taking into account benefits occurring in other sectors such as a decline in chronic diseases due to reduced air pollution*;

Or. en

**Amendment 105**  
**Konrad Szymański**

**Motion for a resolution**  
**Paragraph 6**

*Motion for a resolution*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies under certain assumptions;

*Amendment*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies under certain assumptions; *points out, however, that account should be taken of the*

*national context, which may differ significantly between Member States;*

Or. pl

**Amendment 106**  
**Fiona Hall, Kent Johansson**

**Motion for a resolution**  
**Paragraph 6**

*Motion for a resolution*

6. **Recognises** the conclusions reached in the Energy Roadmap that the **transition** of the energy sector on an EU-wide scale is technically and economically feasible, and **could be** less costly in the **long-run than a continuation of current policies under certain assumptions**;

*Amendment*

6. **Welcomes** the conclusions reached in the Energy Roadmap that the **decarbonisation** of the energy sector on an EU-wide scale is technically and economically feasible, and **will be** less costly in the **long run compared to the business as usual scenario**;

Or. en

**Amendment 107**  
**Yannick Jadot**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 6**

*Motion for a resolution*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and **could be** less costly in the long-run than a continuation of current policies **under certain assumptions**;

*Amendment*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible and, **according to the Commission's own analysis, is** less costly in the long-run than a continuation of current policies;

Or. en

**Amendment 108**

**Kathleen Van Brempt, Marita Ulvskog, Britta Thomsen, Judith A. Merkies**

**Motion for a resolution**

**Paragraph 6**

*Motion for a resolution*

6. Recognises the conclusions reached in the Energy Roadmap that the transition *of the* energy sector on an EU-wide scale is technically and economically feasible, and *could* be less costly in the long-run than a continuation of current policies *under certain assumptions*;

*Amendment*

6. Recognises the conclusions reached in the Energy Roadmap that the transition *towards a sustainable* energy sector on an EU-wide scale is technically and economically feasible, and *will* be less costly in the long-run than a continuation of current policies;

Or. en

**Amendment 109**

**Herbert Reul**

**Motion for a resolution**

**Paragraph 6**

*Motion for a resolution*

6. Recognises the conclusions reached in the Energy Roadmap that the transition of the energy sector on an EU-wide scale is technically and economically feasible, and could be less costly in the long-run than a continuation of current policies under certain assumptions;

*Amendment*

*(Does not affect English version.)*

Or. de

**Amendment 110**

**Francisco Sosa Wagner**

**Motion for a resolution**

**Paragraph 6 – subparagraph 1 a (new)**

*Motion for a resolution*

*Amendment*

***Regrets that the Commission did not analyse a high renewables and energy efficiency scenario in the Energy Roadmap 2050. Calls on the Commission to run such a scenario for the period to 2030;***

Or. en

**Amendment 111**

**Ivo Belet**

**Motion for a resolution**

**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

***6a. Asks the Commission to propose a social roadmap, based on decent work and just transition principles, which will provide guidance to the European institutions and Member States regarding the possible social impact on employment and low-income households of energy policy choices. Furthermore finds it important that the next Strategic Energy Review will also focus on the social dimension and will give an overview of the discussions and agreements in Member States between the public authorities and social partners on how just transition principles have been implemented;***

Or. en

**Amendment 112**

**Kathleen Van Brempt, Judith A. Merkies**

**Motion for a resolution**

**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

***6a. Believes that the goals towards 2050 will never be reached unless the EU takes its responsibilities and fulfils a key role in the transition; especially for huge projects, such as off shore wind in the North Sea, and for cross-border infrastructure affecting several or all Member States, the EU should outline priority projects and function as a key investor, thereby leveraging private investments;***

Or. en

**Amendment 113**

**Gaston Franco, Françoise Grossetête**

**Motion for a resolution**

**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

***6a. Agrees with the Commission that technology uncertainties remain on the road to 2050 and thus recommends flexibility to be given a central place in the strategy; as a consequence thus calls on the Commission to avoid lock-in effects and to propose a framework for 2030 based on a unique target in terms of CO2 emission reduction;***

Or. en

**Amendment 114**

**Alejo Vidal-Quadras, Pilar del Castillo Vera, Eija-Riitta Korhola**

**Motion for a resolution**

**Paragraph 6 a (new)**



*Motion for a resolution*

*Amendment*

**6a. Agrees with the Commission, however, that EU action is based on the assumption that global climate action is taken and should not be developed in isolation but take account of international developments, for example carbon leakage and adverse effects on competitiveness;**

Or. en

**Amendment 115**

**Edit Herczog, Adam Gierek, Silvia-Adriana Țicău, Zigmantas Balčytis**

**Motion for a resolution**

**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

**6a. Agrees with the Commission, however, that EU action is based on the assumption that global climate action is taken and should not be developed in isolation but by taking account of international developments, for example carbon leakage and adverse effects on competitiveness;**

Or. en

**Amendment 116**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

**Motion for a resolution**

**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

**6a. Regrets that the Commission failed to put forward a scenario based on high energy efficiency and high renewables**

*together, which would have shown very positive results because of the synergies between the two; calls on the Commission to analyse such a scenario for 2050;*

Or. en

**Amendment 117**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

***6a. Regrets that the Commission omitted to present a scenario based on both high efficiency and high renewables, emphasising the needed synergies between renewables and energy efficiency; calls on the Commission include such a scenario in its modelling exercises;***

Or. en

**Amendment 118**  
**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

***6a. Stresses that the transition of the energy sector should follow the principle of coherence with Community policies in the field of the environment, for example the 6th Environmental Action Programme targets for the reduction of outdoor air pollution;***

Or. en

**Amendment 119**

**Kathleen Van Brempt, Judith A. Merkies, Britta Thomsen**

**Motion for a resolution**

**Paragraph 6 b (new)**

*Motion for a resolution*

*Amendment*

***6b. Emphasizes that, when transforming the energy landscape, people take centre stage; therefore welcomes the inclusion of the social dimension in the Energy Roadmap; urges the Commission to elaborate further on this matter and propose measures for adjusting education and retraining enhancing a highly skilled workforce and boosting employment; asks to investigate consumer costs and benefits with special attention for energy poverty and protecting low-income households who are most affected by higher energy prices; stresses that all types of consumers and prosumers need to be included in the social dialogue and awareness campaigns should be carried out to generate the necessary behavioural changes;***

Or. en

**Amendment 120**

**Ivo Belet**

**Motion for a resolution**

**Paragraph 6 b (new)**

*Motion for a resolution*

*Amendment*

***6b. Asks the Commission to provide more information about the impact of the transition to a sustainable energy system, on employment in different energy, industrial and services sectors, and to discuss the implications of the energy roadmap with the social dialogue***

*committees most concerned. Furthermore asks the Commission to develop, together with the social partners, concrete mechanisms to assist sectors and workers confronted with transition, and to report to the European Parliament on these discussions towards the end of 2013;*

Or. en

**Amendment 121**

**Edit Herczog, Adam Gierek, Silvia-Adriana Țicău, Zigmantas Balčytis**

**Motion for a resolution**

**Paragraph 6 b (new)**

*Motion for a resolution*

*Amendment*

*6b. Recognises that the increasing importance of electricity in the future energy mix requires that all means of low-carbon electricity production (conversion efficiency, renewables, CCS and nuclear energy) will need to be harnessed if climate goals are to be achieved without jeopardising security of supply and competitiveness;*

Or. en

**Amendment 122**

**Sabine Wils, Marisa Matias**

**Motion for a resolution**

**Paragraph 6 b (new)**

*Motion for a resolution*

*Amendment*

*6b. Stresses that an assessment of the costs and benefits of different scenarios for energy transition should include the costs and benefits that will occur in other sectors, such as decreasing rates of chronic cardiovascular and respiratory*

*diseases resulting from reductions in air pollution;*

Or. en

**Amendment 123**

**Edit Herczog, Romana Jordan, Silvia-Adriana Țicău**

**Motion for a resolution**

**Paragraph 6 c (new)**

*Motion for a resolution*

*Amendment*

***6c. Stresses that ensuring a fully developed cross-border energy infrastructure and information exchange mechanism within the Union is the precondition of the success of the Roadmap; stresses, therefore, the need for strong coordination between Member States' policies and for joint action, solidarity and transparency in the fields of external energy policy, energy security and new energy infrastructure investments;***

Or. en

**Amendment 124**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 7**

*Motion for a resolution*

*Amendment*

***7. Acknowledges*** the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, ***regardless of the specific path chosen to achieve a low-carbon 2050*** energy system;

***7. Notes*** the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system; ***supports the Commission's conclusion that renewable energy and energy***

*believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;*

*efficiency are the two most important ‘no regret’ options; strongly regrets however that the Commission did not explore a combined “high renewables and high energy efficiency” scenario that would contribute to lowering the amount of energy imports and would fulfil the EU’s long term climate objectives; takes the view that a choice should be made about which path to take in order to ensure investment certainty; strongly supports a future sustainable and secure energy system that combines the benefits of scenario 2 (high energy-efficiency) and scenario 4 (high RES);*

Or. en

#### **Amendment 125**

**Edit Herczog, Adam Gierek, Silvia-Adriana Țicău, Zigmantas Balčytis**

#### **Motion for a resolution**

##### **Paragraph 7**

###### *Motion for a resolution*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;

###### *Amendment*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options, ***although the way and extent to which they are pursued can have profound cost implications to Member States and to consumers which should be taken into account;***

Or. en

**Amendment 126**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage**

**Motion for a resolution**

**Paragraph 7**

*Motion for a resolution*

7. **Acknowledges** the conclusions reached in the Energy Roadmap 2050 that **there are similarities between the** actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; **believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;**

*Amendment*

7. **Welcomes** the conclusions reached in the Energy Roadmap 2050 that **increased deployment of renewables, energy efficiency and energy infrastructure are the no regrets** actions that must be taken in **all of** the analysed scenarios in order to transform the EU's energy system regardless of the specific path chosen, to achieve a low-carbon 2050 energy system;

Or. en

**Amendment 127**

**Eija-Riitta Korhola, Alejo Vidal-Quadras**

**Motion for a resolution**

**Paragraph 7**

*Motion for a resolution*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;

*Amendment*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that **while** renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options, **the way and extent to which they are pursued can have profound cost implications which should be taken into account;**

Or. en

**Amendment 128**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 7**

*Motion for a resolution*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency **and energy infrastructure** are 'no regrets' options;

*Amendment*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, **smart grids, and** energy efficiency are 'no regrets' options, **in so far as they are market driven**;

Or. sl

**Amendment 129**  
**Herbert Reul**

**Motion for a resolution**  
**Paragraph 7**

*Motion for a resolution*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are 'no regrets' options;

*Amendment*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are 'no regrets' options **but recognises the considerable costs they will entail**;

Or. de



**Amendment 130**  
**Alejo Vidal-Quadras, Pilar del Castillo Vera**

**Motion for a resolution**  
**Paragraph 7**

*Motion for a resolution*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve **a** low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;

*Amendment*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's **ageing** energy system **and infrastructure**, regardless of the specific path chosen to achieve **an optimised** low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;

Or. en

**Amendment 131**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 7**

*Motion for a resolution*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;

*Amendment*

7. Acknowledges the conclusions reached in the Energy Roadmap 2050 that there are similarities between the actions that must be taken in the analysed scenarios in order to transform the EU's energy system, regardless of the specific path chosen to achieve a low-carbon 2050 energy system; believes that **indigenous** renewable energy, energy efficiency and energy infrastructure are ‘no regrets’ options;

Or. en

**Amendment 132**

**Andrzej Grzyb, Jerzy Buzek, Bogdan Kazimierz Marcinkiewicz**

**Motion for a resolution**

**Paragraph 7 a (new)**

*Motion for a resolution*

*Amendment*

***7a. Stresses that before the European Union makes commitments regarding post-2020 energy and climate policy, assessments of the impact of the proposals, including the impact on individual Member States, must be prepared and presented by the Commission; considers that such an approach will ensure that the proposals are appropriately assessed with regard to the individual Member States;***

Or. pl

**Amendment 133**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 7 a (new)**

*Motion for a resolution*

*Amendment*

***7a. Believes that the financial crisis should be used as an opportunity to transform our development model of society towards a highly energy efficient, fully renewable based and climate resilient economy; underlines the need for the Commission to come forward with proposals for a 2030 energy and climate package based on the current three pillars. i.e. greenhouse gases, renewable energies and energy efficiency;***

Or. en

**Amendment 134**

**Edit Herczog, Adam Gierek, Silvia-Adriana Țicău, Zigmantas Balčytis**

**Motion for a resolution**

**Paragraph 7 a (new)**

*Motion for a resolution*

*Amendment*

***7a. Calls for the principle of energy-for-all, therefore, highlights that special attention should be paid to low-income households for which coping with the energy system transformation will be challenging if energy prices will increase as predicted; believes that specific measures should be defined at EU, national and local levels to avoid energy poverty;***

Or. en

**Amendment 135**

**Konrad Szymański**

**Motion for a resolution**

**Paragraph 7 a (new)**

*Motion for a resolution*

*Amendment*

***7a. Points out that adopting a decarbonisation strategy that does not take account of the situation of some Member States may lead to a massive increase in energy poverty, which is defined as a situation in which over 10% of household budgets is spent on energy;***

Or. pl

**Amendment 136**

**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz**

**Motion for a resolution**

**Paragraph 7 b (new)**

**7b. Recalls the uncertainty ensuing from the application of a limited set of analytical instruments, including econometric models, covering the period up to 2050, specifically the Member States' inability to access detailed information on the functioning of certain econometric models (e.g. the PRIMES model); believes that when carrying out such long-term planning, consideration should be given to the general limitations of modelling, as applying different models to draw up such forecasts may produce results that are significantly different; points out that the European Commission, when drafting impact assessments of the actions set out in its communications on a low-carbon economy by 2050, always employs the same undiversified set of modelling instruments, and the Member States are unable in practice to assess them in detail;**

Or. pl

**Amendment 137**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 **is a key aspect** of a more sustainable energy system; **recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;**

*Amendment*

8. Recognises that a **substantially** higher share of renewable energy **in EU energy consumption** beyond 2020, **including in 2030, is a prerequisite** of a more sustainable energy system; **notes, however, that none** of the scenarios explored by the Commission **in its communication are based on a combined increase of a higher share of renewable energy and higher**

*energy efficiency measures that would allow the EU to move into a nearly full renewable economy by 2050; given the need for providing investor confidence, calls for an energy and climate change policy framework for 2030 to include ambitious targets for renewable energy, energy savings and for the reduction of greenhouse gases emissions;*

Or. en

### **Amendment 138**

**Kathleen Van Brempt, Marita Ulvskog, Britta Thomsen**

#### **Motion for a resolution**

#### **Paragraph 8**

##### *Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; *recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;*

##### *Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; *emphasises that a share of renewable energy of 45% in gross final energy consumption in 2030 can be obtained; for example by focussing more on energy efficiency and by setting the right targets, which would create the required certainty for investors in the energy sector;*

Or. en

### **Amendment 139**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

#### **Motion for a resolution**

#### **Paragraph 8**

##### *Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key

##### *Amendment*

8. Recognises that a *substantially* higher share of renewable energy beyond 2020 is

aspect of a *more sustainable* energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

a key aspect of a *future* energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030 ***leading to shares of renewable energy of more than 55% in 2050; stresses that a higher share of renewables of up to 45% by 2030 can be obtained if energy efficiency investments take place early and renewable heating and cooling technologies are fully taken into account;***

Or. en

#### **Amendment 140**

**Alejo Vidal-Quadras, Pilar del Castillo Vera**

#### **Motion for a resolution**

#### **Paragraph 8**

##### *Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

##### *Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030; ***believes that the move towards a better energy efficiency policy should include a focus on the whole energy supply and demand chain including transformation, transmission, distribution and supply, alongside industrial, building and household consumption;***

Or. en

**Amendment 141**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a **key aspect of** a more sustainable energy system; recognises, **furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume** an increased share of renewable energy in the EU energy mix of **around** 30% in gross final energy consumption in 2030;

*Amendment*

8. Recognises that a higher share of renewable energy **in EU gross final energy consumption** beyond 2020 is a **prerequisite for** a more sustainable energy system; recognises **that assuming** an increased share of renewable energy in the EU energy mix of **at least** 30% in gross final energy consumption in 2030 **would provide the energy sector with the necessary certainty for investments while allowing for considerable macro-economic benefits;**

Or. en

**Amendment 142**  
**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz**

**Motion for a resolution**  
**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

*Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030; **assumes however that no further binding targets shall be adopted before global deal on emission reductions is reached or without symmetrical actions taken by other major economies;**

**Amendment 143**

**Eija-Riitta Korhola, Alejo Vidal-Quadras**

**Motion for a resolution**

**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

*Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;  
***Stresses, however, the importance of all low-carbon electricity production if decarbonisation and climate goals are to be achieved without jeopardising security of supply and competitiveness;***

**Amendment 144**

**Jolanta Emilia Hibner**

**Motion for a resolution**

**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

*Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030; ***believes***



*that in the case of renewable energy, account must be taken of the impact of renewable energy resources on rising energy prices and on energy-intensive industries throughout the European Union;*

Or. pl

**Amendment 145**  
**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

*Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;  
*highlights the lack of a high renewables and energy efficiency scenario in the Energy Roadmap 2050 that could assume a greater share of renewable energy in the EU energy mix;*

Or. en

**Amendment 146**  
**Niki Tzavela, Herbert Reul, Konrad Szymański**

**Motion for a resolution**  
**Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key

*Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key

aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

aspect of a more sustainable energy system ***while stressing that renewables alone cannot pave the way to decarbonisation and must be combined with alternative sources of energy***; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

Or. en

#### **Amendment 147**

**Lena Kolarska-Bobińska, Romana Jordan**

#### **Motion for a resolution**

##### **Paragraph 8**

###### *Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the **EU** energy mix of around 30% in gross final energy consumption in 2030;

###### *Amendment*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the **EU-wide average** energy mix of around 30% in gross final energy consumption in 2030;

Or. en

#### **Amendment 148**

**Pilar del Castillo Vera, Alejo Vidal-Quadras, Maria Da Graça Carvalho, Krišjānis Kariņš**

#### **Motion for a resolution**

##### **Paragraph 8**

*Motion for a resolution*

8. Recognises that a higher share of renewable energy beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

*Amendment*

8. Recognises that a higher share of **mature** renewable energy **sources** beyond 2020 is a key aspect of a more sustainable energy system; recognises, furthermore, that all of the decarbonisation scenarios explored in the Commission communication assume an increased share of renewable energy in the EU energy mix of around 30% in gross final energy consumption in 2030;

Or. en

**Amendment 149**

**Judith A. Merkies, Maria Da Graça Carvalho, Norbert Glante**

**Motion for a resolution**

**Paragraph 8 a (new)**

*Motion for a resolution*

*Amendment*

***8a. Acknowledges the increased interaction of centralised large-scale systems and decentralised systems; furthermore, stresses the need to develop a coherent strategy on the promotion and facilitation of the use of small-scale energy generators;***

Or. en

**Amendment 150**

**Yannick Jadot**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Subheading 2 a (new) (after paragraph 8)**

*Motion for a resolution*

*Amendment*

***Energy Efficiency***

**Amendment 151**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 9**

*Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; ***recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;***

*Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050;

Or. sl

**Amendment 152**  
**Lambert van Nistelrooij**

**Motion for a resolution**  
**Paragraph 9**

*Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

*Amendment*

9. Stresses that ***decentralised generation and*** improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; ***calls on the Commission to explicitly take decentralised generation into account in future estimates; calls also on the Commission to clearly map financial and technical obstacles that hamper the growth of decentralised generation in the Member States;*** recommends, in this respect, that

*decentralised generation and* energy efficiency be integrated into national educational curricula in the Member States;

Or. nl

### **Amendment 153**

**Fiona Hall, Corinne Lepage, Kent Johansson**

#### **Motion for a resolution**

##### **Paragraph 9**

###### *Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is ***an important basis*** for further progress up to 2050; recommends, in this respect, that energy efficiency ***be integrated into national educational curricula in the Member States***;

###### *Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is ***a prerequisite*** for further progress up to 2050; recommends, in this respect, that ***Member States step up their efforts to fully implement and go beyond the recently adopted Energy Efficiency Directive, and that the Commission presents an ambitious policy framework for energy efficiency and savings, including targets for 2030***;

Or. en

### **Amendment 154**

**Herbert Reul**

#### **Motion for a resolution**

##### **Paragraph 9**

###### *Motion for a resolution*

9. Stresses that improved energy efficiency ***and energy savings*** will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; recommends, in this

###### *Amendment*

9. Stresses that improved energy efficiency will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; ***recommends therefore that the***

respect, that energy efficiency be integrated into national educational curricula in the Member States;

***Member States and the Commission do more to include national ideas and involve national development banks and to support exchanges of best practice;*** recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

Or. de

#### **Amendment 155**

**Judith A. Merkies, Maria Da Graça Carvalho, Norbert Glante**

#### **Motion for a resolution**

##### **Paragraph 9**

###### *Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; ***recommends, in this respect,*** that energy efficiency be integrated into national educational curricula in the Member States;

###### *Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; ***stresses the importance of decentralised energy generation in increasing energy efficiency;*** recommends that energy efficiency be integrated into national educational curricula in the Member States;

Or. en

#### **Amendment 156**

**Kathleen Van Brempt, Marita Ulvskog, Britta Thomsen**

#### **Motion for a resolution**

##### **Paragraph 9**

###### *Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020

###### *Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020

objectives is an important basis for further progress up to 2050; **recommends**, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

objectives is an important basis for further progress up to 2050; **proposes**, in this respect, that **binding** energy efficiency **targets for 2030, 2040 and 2050 are put in place; recommends awareness raising campaigns and energy efficiency** to be integrated into national educational curricula in the Member States;

Or. en

**Amendment 157**  
**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 9**

*Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; recommends, in this respect, that energy efficiency **be integrated into national educational curricula in the Member States**;

*Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is an important basis for further progress up to 2050; recommends, in this respect, that **an** energy efficiency **target for 2030 be proposed as part of a new Climate and Energy Package**;

Or. en

**Amendment 158**  
**Alejo Vidal-Quadras, Pilar del Castillo Vera, Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 9**

*Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is **an important basis** for further

*Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is **a key priority** for further

progress up to 2050; recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

progress up to 2050; recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

Or. en

**Amendment 159**  
**Gaston Franco**

**Motion for a resolution**  
**Paragraph 9**

*Motion for a resolution*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is ***an important basis*** for further progress up to 2050; recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

*Amendment*

9. Stresses that improved energy efficiency and energy savings will play an essential role in the transformation of the energy system, and that meeting the 2020 objectives is ***a key priority*** for further progress up to 2050; recommends, in this respect, that energy efficiency be integrated into national educational curricula in the Member States;

Or. en

**Amendment 160**  
**Niki Tzavela, Herbert Reul, Konrad Szymański**

**Motion for a resolution**  
**Paragraph 9 a (new)**

*Motion for a resolution*

*Amendment*

***9a. Accordingly urges on more energy efficiency actions that would address the problem of energy poverty which is mainly focused on heat in the EUs societies. At the same time, calls for analysis and revision of national legislation that is an obstacle to energy efficiency investments/optimisation of heat production and use in some Member***



*States (taxation, public procurement, heat pricing etc.);*

Or. en

**Amendment 161**  
**Yannick Jadot**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 9 a (new)**

*Motion for a resolution*

*Amendment*

***9a. Stresses that energy efficiency and energy savings are the most cost-effective ways for the EU to achieve its transition to a nearly full renewable energy based economy whilst boosting in the meantime jobs creation, innovation and the decrease of imports of fossil and nuclear fuels and the overall dependence on imports; reminds that the EU is spending currently around 4% of its GDP (€488 billions in 2011) in importing energy from third countries; highlights that a rapid paradigm shift towards renewable energy and energy savings will significantly limit the wealth transfer from the EU to non-EU producers of mineral oil, natural gas, hard coal and nuclear fuels, making the EU economy more resilient to high energy prices and energy and price volatilities; recommends that Member States integrate energy efficiency objectives in more policy areas, conduct a systematic analysis of the energy saving potential of key sectors such as buildings and transport; underlines in this context the most promising area for action is related to the renovation of the existing building stock so that the energy consumption would globally be reduced by 80% by 2050 in this sector;***

Or. en

**Amendment 162**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 9 a (new)**

*Motion for a resolution*

*Amendment*

***9a. Stresses that all decarbonisation scenarios show that energy efficiency is a key factor to ensure the transition toward a low carbon economy and emphasizes that energy efficiency is an essential element of EU growth and competitiveness; highlights that reaching 2050 decarbonisation targets would require achieving the 2020 energy efficiency target and fixing new intermediary targets for 2030; believes that a better energy efficiency policy shall include a focus on the whole energy supply and demand chain including transformation, transmission, distribution and supply, alongside industrial, building and household consumption;***

Or. en

**Amendment 163**  
**Fiona Hall, Corinne Lepage**

**Motion for a resolution**  
**Paragraph 9 a (new)**

*Motion for a resolution*

*Amendment*

***9a. Highlights the need at European, national and local levels to take an integrated approach encompassing potential savings in the energy supply and the end-use sectors; is of the opinion that the transition to a low carbon economy calls for a greater attention to be paid to the decarbonisation of the heating and***

*cooling systems;*

Or. en

**Amendment 164**  
**Yannick Jadot**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 9 b (new)**

*Motion for a resolution*

*Amendment*

***9b. Recommends that Member States integrate energy efficiency objectives in more policy areas, conduct a systematic analysis of the energy saving potential of key sectors such as buildings and transport; underlines in this context the most promising area for action is for the renovation of the existing building stock so that the energy consumption would globally be reduced by 80% by 2050 in this sector; recalls that all new buildings should be nearly-zero energy buildings by the end of 2020; calls further for a strengthening and rapid adoption and implementation of eco-design and energy labelling measures;***

Or. en

**Amendment 165**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 9 b (new)**

*Motion for a resolution*

*Amendment*

***9b. Points out that a particular attention should be given to raising the level of public understanding as well as the level of competencies of all professional actors***

*in energy efficiency implementation at all stages (assessment of existing energy performance, design and implementation of energy efficiency solutions, energy efficient operation and maintenance);*

Or. en

**Amendment 166**  
**Yannick Jadot**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 9 c (new)**

*Motion for a resolution*

*Amendment*

*9c. Emphasises that a greater attention toward energy usage is essential in order for the energy system transformation to become a reality; stresses the need to give a higher priority to demand-side management so as to ensure the deployment of technologies and systems at end-users side achieving the energy transition at a affordable and sustainable cost for the society;*

Or. en

**Amendment 167**  
**Jolanta Emilia Hibner**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

*Amendment*

10. Emphasises the urgent need *for* new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, *to integrate local and more remote sources of renewable energy*

10. Emphasises the urgent need *to modernise existing energy infrastructure and to construct new energy infrastructure, including through the creation of* new, smart and flexible infrastructure – including smart grids and

*across the EU, as has been proven necessary*; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

smart meters – and fully integrated network planning in order, inter alia, *to increase the availability of low-carbon energy sources, including renewable energy resources, the availability of which is currently only planned in the EU*; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. pl

#### **Amendment 168**

**Pilar del Castillo Vera, Alejo Vidal-Quadras, Maria Da Graça Carvalho, Krišjānis Kariņš, Antonio Cancian**

#### **Motion for a resolution Paragraph 10**

##### *Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – *including* smart grids *and* smart meters – and fully integrated network planning in order, inter alia, to integrate *local and more remote* sources of *renewable* energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

##### *Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure, *especially* smart grids (*including* smart meters) and fully integrated network planning in order, inter alia, to integrate *all* sources of energy across the EU, as has been proven necessary; *recalls that cost-optimal policies differ according to demand pattern, supply potential, geographic characteristics and economic context at local level*; stresses, moreover, the urgent need for the establishment of *a stable and predictable regulatory frameworks as well as* mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. en

#### **Amendment 169**

**Alejo Vidal-Quadras, Pilar del Castillo Vera, Eija-Riitta Korhola**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for *new*, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for smart and flexible *energy* infrastructure – including smart grids, *flexible low-emission backup generation* and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms *to create EU-wide market mechanisms to boost flexible backup generation uptake and* to allow for EU financing of infrastructure projects of common interest;

Or. en

**Amendment 170**

**Fiona Hall, Graham Watson, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated *network planning in order*, inter alia, to integrate *local and more remote* sources of renewable energy across the EU, *as has been proven necessary*; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and *a* fully integrated *European grid system*, inter alia, to integrate *rapidly growing* sources of renewable energy across the EU *as well as new electricity use and storage (such as electric vehicles)*; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure Projects of Common Interest *in line with the Energy Infrastructure Guidelines and the Connecting Europe Facility*;

**Amendment 171****Judith A. Merkies, Maria Da Graça Carvalho, Norbert Glante****Motion for a resolution****Paragraph 10***Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, **as has been proven necessary**; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, **to allow for the integration of individual microgeneration units and to enable citizens to feed surplus back to the grid**; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

**Amendment 172****Holger Krahrmer****Motion for a resolution****Paragraph 10***Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of

*Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of

common interest;

common interest *subject to  
straightforward, transparent criteria and  
avoiding any distortion of competition;*

Or. de

### **Amendment 173**

**Kathleen Van Brempt, Judith A. Merkies**

#### **Motion for a resolution**

##### **Paragraph 10**

###### *Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and *smart meters* – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

###### *Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and *demand response programmes focussed on energy savings and consumer benefits* – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. en

### **Amendment 174**

**Gaston Franco**

#### **Motion for a resolution**

##### **Paragraph 10**

###### *Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across

###### *Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across



the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

the EU *as well as new electricity uses (such as electric or plug-in hybrid vehicles)*, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. en

**Amendment 175**  
**Konrad Szymański**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – **including** smart grids **and** smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – **in particular** smart grids, smart meters, **energy storage and CO2 infrastructure (including both CCS and CCU)** – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. en

**Amendment 176**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for new, smart **and** flexible infrastructure –

*Amendment*

10. Emphasises the urgent need for new, smart, flexible, **and dynamic** infrastructure

including smart grids *and* smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

– including smart grids, smart meters, *and an appropriate reserve power system* – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. sl

**Amendment 177**  
**Ioannis A. Tsoukalas**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters, *information management tools and "virtual power plants"* – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. en

**Amendment 178**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible **infrastructure** – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for new, smart and flexible **electrical and gas infrastructures** – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU financing of infrastructure projects of common interest;

Or. en

**Amendment 179**  
**Vladko Todorov Panayotov**

**Motion for a resolution**  
**Paragraph 10**

*Motion for a resolution*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU **financing** of infrastructure projects of common interest;

*Amendment*

10. Emphasises the urgent need for new, smart and flexible infrastructure – including smart grids and smart meters – and fully integrated network planning in order, inter alia, to integrate local and more remote sources of renewable energy across the EU, as has been proven necessary; stresses, moreover, the urgent need for the establishment of mechanisms to allow for EU **co-financing** of infrastructure projects of common interest;

Or. en

*Justification*

*Co-financing, not mere EU financing will ensure higher efficiency and sustainability of projects*

**Amendment 180**  
**Niki Tzavela, Herbert Reul, Konrad Szymański**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Stresses the need for immediate actions to ensure the continuity of energy supply, increase investor certainty and minimise bottlenecks; Delays not only will increase costs but will also delay the development of the necessary technologies;***

Or. en

**Amendment 181**  
**Vladko Todorov Panayotov**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Calls on the EU to foster the integration of the heating and cooling sector into its pathways to a low-carbon 2050 energy system.***

Or. en

**Amendment 182**  
**Vladko Todorov Panayotov**

**Motion for a resolution**  
**Paragraph 10 b (new)**

*Motion for a resolution*

*Amendment*

***10b. Calls attention to the fact that millions of EU citizens are suffering from energy poverty and urges the Commission***

*to step up the transition to a low-carbon, energy efficient economy through both supply-side and demand-side mechanisms, fostering an overarching change in energy consumption behaviour;*

Or. en

**Amendment 183**

**Kathleen Van Brempt, Britta Thomsen, Marita Ulvskog**

**Motion for a resolution**

**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

*10a. Stresses the importance of a high level of energy efficiency for reaching energy security and the greenhouse gas reduction target, as well as the positive effects on EU competitiveness, industrial leadership, job creation, energy independence and energy prices; emphasizes the necessity of achieving the 20% energy efficiency target by 2020 and of setting binding intermediate targets for 2030, 2040 to reach 40% by 2050; recommends that, while aiming to augment energy efficiency, all steps and stakeholders of the supply and demand chain should be looked at (amongst others: production, transformation, transmission, distribution and consumption at all levels);*

Or. en

**Amendment 184**

**Rolandas Paksas**

**Motion for a resolution**

**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Calls on the EU to consider the full integration of the heating and cooling sector in the pathways towards a low-carbon 2050 energy system; notes that this sector represents today ca. 45% of the final energy consumption in Europe, and that a better understanding of the important role of heating and cooling towards low carbon energy systems is needed; therefore, calls on the Commission to gather the required data reflecting the sources and the uses of heating and cooling, as well as the distribution of heat to the different groups of final consumers (e.g. residential, industry, tertiary);***

Or. en

**Amendment 185**

**Graham Watson, Vittorio Prodi, Maria Da Graça Carvalho, Sirpa Pietikäinen**

**Motion for a resolution  
Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Highlights that in order to achieve the total decarbonisation of the EU power supply in the long-term, there is a need to pursue closer integration with neighbouring countries and regions such as Norway, Switzerland and the Southern Mediterranean; stresses that Europe can benefit from the development of the substantial renewable sources of energy in these regions to meet both local demand and, with the development of long-distance grid interconnections, a limited percentage of EU demand;***

Or. en

**Amendment 186**  
**Gaston Franco**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Notes that a better understanding of the important role of heating and cooling towards low carbon energy systems is needed as this sector represents today 45% of the final energy consumption in Europe ; calls on the Commission and the Member States to allocate increased funding to local energy infrastructures, such as District Heating and Cooling, that bring about efficient, low and no-carbon solutions that will substitute the import and European wide exchange/transport of energy;***

Or. en

**Amendment 187**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Agrees with the view in the Energy Roadmap 2050 that action is urgently needed as to what policy framework should follow after 2020 and encourages the European Commission, on the basis of the Roadmap and subsequent communications on the internal energy market and renewable energy, to come forward with a communication on a coherent policy framework for 2030 before the end of the current terms of the European Commission and the European***

*Parliament;*

Or. en

**Amendment 188**  
**Alejo Vidal-Quadras**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Highlights the need at European, national and local levels to take an integrated approach encompassing potential savings in the energy supply and the end-use sectors; thinks that the transition to a low carbon economy calls for greater attention to be paid to the heat and cooling sectors; further states that local stakeholders have to play a key role in implementing a low carbon vision and in fostering a local, integrated approach to energy;***

Or. en

**Amendment 189**  
**Adina-Ioana Vălean**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Emphasises that a greater attention should be paid to energy usage in order to achieve the decarbonisation of the energy landscape; therefore stresses the need to give higher priority to demand-side management so as to ensure the deployment of technologies and systems to end-users, while also achieving the energy transition at a affordable and sustainable***



*cost for the society as a whole;*

Or. en

**Amendment 190**  
**Edit Herczog, Romana Jordan**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Notes that EU and national financial potential together with EU budgetary and investment policies are prerequisite to building new energy infrastructure in Europe, while considering both the cost of new built and the cost of decommissioning of outdated facilities and environmental and social rehabilitation of their regions;***

Or. en

**Amendment 191**  
**Vicky Ford, Giles Chichester**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Believes that further energy related R&D, behaviour change, demand management and improvements in energy storage will all contribute significantly to a substantial decarbonisation of the energy mix;***

Or. en

**Amendment 192**  
**Eija-Riitta Korhola, Alejo Vidal-Quadras**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Stresses that EU should have a strategy for the biggest energy consumption sector, heating and cooling composing 40 % of the primary energy consumption and 36 % of CO2 emissions;***

Or. en

**Amendment 193**  
**Ioannis A. Tsoukalas**

**Motion for a resolution**  
**Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

***10a. Recognises that renewable energy targets have been successful and calls on Member States to implement stable policies in order to meet their 2020 targets;***

Or. en

**Amendment 194**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 10 b (new)**

*Motion for a resolution*

*Amendment*

***10b. Agrees with the Commission that renewable heating and cooling is vital to decarbonisation; however, draws attention to the misleading conclusion of***

*the "Roadmap", which considers the "electrification of heating" as a straightforward solution to decarbonise the EU economy; notes that readily available RES solutions (geothermal, biomass including biodegradable waste, solar thermal and hydro-/aerothermal) in combination with energy efficiency measures, including CHP and the utilization of (industrial) waste heat, have the potential to decarbonise the entire heat demand by 2050 in a more cost effective way, while addressing the problem of energy poverty which is mainly focused on heat in the EU's societies;*

Or. en

**Amendment 195**  
**Rolandas Paksas**

**Motion for a resolution**  
**Paragraph 10 b (new)**

*Motion for a resolution*

*Amendment*

*10b. Agrees with the Commission that renewable heating and cooling is vital to decarbonisation; however, draws attention to the misleading conclusion of the "Roadmap", which considers the "electrification of heating" as a straightforward solution to decarbonise the EU economy; notes that readily available RES solutions (geothermal, biomass including biodegradable waste, solar thermal and hydro-/aerothermal) in combination with energy efficiency measures, including CHP and the utilization of (industrial) waste heat, have the potential to decarbonise the entire heat demand by 2050 in a more cost effective way, while addressing the problem of energy poverty which is mainly focused on heat in the EU's*

*societies;*

Or. en

**Amendment 196**

**Vicky Ford, Konrad Szymański, Giles Chichester**

**Motion for a resolution**

**Paragraph 10 b (new)**

*Motion for a resolution*

*Amendment*

***10b. Acknowledges that nuclear energy is currently used as an important low-emission energy source; calls on the Commission to work towards improved public acceptance of nuclear energy, utilising the results of the recent nuclear stress tests;***

Or. en

**Amendment 197**

**Rolandas Paksas**

**Motion for a resolution**

**Paragraph 10 c (new)**

*Motion for a resolution*

*Amendment*

***10c. Highlights that local stakeholders hold the keys to implementing a truly successful low carbon vision and to fostering an integrated approach to energy, encompassing potential savings in the energy supply and the end-use sector; therefore calls on the Commission and the Member States to support the planning of and allocate increased funding to local heating and cooling infrastructures that bring about efficient, low and no-carbon solutions that will substitute the use of (imported) fossil fuels;***

**Amendment 198**  
**Fiona Hall, Corinne Lepage, Kent Johansson**

**Motion for a resolution**  
**Paragraph 10 d (new)**

*Motion for a resolution*

*Amendment*

*10d. Insists on the need to give a higher priority to demand-side management so as to ensure the deployment of technologies and systems on the end-user side, thereby achieving the decarbonisation transition at an affordable and sustainable cost for society;*

Or. en

**Amendment 199**  
**Fiona Hall, Corinne Lepage, Kent Johansson**

**Motion for a resolution**  
**Subheading 2 a (new) (after paragraph 10)**

*Motion for a resolution*

*Amendment*

*Energy Efficiency*

Or. en

**Amendment 200**  
**Gaston Franco**

**Motion for a resolution**  
**Subheading 2 a (new) (after paragraph 11)**

*Motion for a resolution*

*Amendment*

*Energy efficiency*

**Amendment 201**  
**Gaston Franco**

**Motion for a resolution**  
**Paragraph 10 e**

*Motion for a resolution*

*Amendment*

***Energy efficiency***

***10e. Emphasizes that energy efficiency is an essential element of EU growth and competitiveness; stresses that all decarbonisation scenarios show that energy efficiency is a key factor to ensure a smooth transition towards a low carbon economy; believes that the move towards a better energy efficiency policy should include a focus on the whole energy supply and demand chain including transformation, transmission, distribution and supply, alongside industrial, building and household consumption;***

Or. en

**Amendment 202**  
**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

**Motion for a resolution**  
**Paragraph 10 f (new) (after new subheading 'Energy Efficiency)**

*Motion for a resolution*

*Amendment*

***10f. Stresses that energy efficiency is a highly cost-effective way for Europe to achieve its energy, climate change and economic goals; reminds of the enormous potential of energy efficiency in limiting our dependence on imported energy and re-launching the economy; recognises that shifting to a more energy-efficient economy would accelerate the spread of***

*innovative technological solutions and improve the competitiveness of industry in the Union, boosting economic growth and creating high quality jobs in several sectors related to energy efficiency; believes that the move towards a better energy efficiency policy should include a focus on the whole energy supply and demand chain including transformation, transmission, distribution and supply, alongside industrial, building and household consumption; recommends that Member States integrate energy efficiency objectives in more policy areas, conduct a systematic analysis of the energy saving potential of key sectors such as buildings and transport and develop robust policy roadmaps to reach such potential;*

Or. en

**Amendment 203**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage**

**Motion for a resolution**

**Paragraph 10 g (new) (after new subheading 'Energy Efficiency')**

*Motion for a resolution*

*Amendment*

*10g. Stresses that the EU's long-term strategy in energy must regard the reduction of energy use in buildings as a central element; reminds that, in this respect, existing buildings represent in all EU countries the most promising area for action due to their current poor levels of energy performance; recalls that energy saving technologies are well developed in this sector with most barriers preventing this huge potential being non-technical ones; urges Member States to develop national roadmaps to unlock this potential, equipping their economies with an appropriate legal and financial framework, including intermediate*

*milestones, underlines that the current rate of building renovation needs to be increased and the average depth of renovation substantially scaled up, in order to allow the EU to reduce the energy consumption of the existing building stock by 80% by 2050 compared to 2010 levels;*

Or. en

**Amendment 204**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

**Motion for a resolution**

**Paragraph 10 h (new) (after new subheading 'Energy Efficiency')**

*Motion for a resolution*

*Amendment*

*10h. Acknowledges that the recently adopted Directive on Energy Efficiency asks Member States to establish long-term strategies for the renovation of the national stock of public and private buildings; stresses the importance of providing a solid EU framework for helping Member States to make these long-term plans as ambitious as possible;*

Or. en

**Amendment 205**

**Lambert van Nistelrooij**

**Motion for a resolution**

**Paragraph 10 i (new) (after subheading 'Renewable energy')**

*Motion for a resolution*

*Amendment*

*10i. Emphasises that investing now in energy infrastructure and renewable technologies obviates more expensive long-term investment and lock-in effects; stresses in this context that swift action is*



*needed to determine which policy framework is required after 2020; calls on the European Commission to come up as soon as possible with a Communication on a coherent and stable 2030 policy framework;*

Or. nl

**Amendment 206**  
**Sabine Wils, Marisa Matias**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; ***encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States;*** highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, ***from small-scale to larger-scale*** – integrating local and more remote sources – and ***from subsidised to*** competitive; emphasises that the changing nature of renewables requires changes in policy to be ***made with a view to achieving greater market integration;*** highlights the need for support schemes to be ***phased out as*** technologies ***and*** supply chains ***mature*** and market ***failures*** are resolved;

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term ***while acknowledging the need for a differentiated approach between Member States to continue post-2020;*** ***encourages Member States to work together in order to optimise the efficiency of renewables expansion;*** highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment – integrating local and more remote sources – and ***become more*** competitive; emphasises that the changing nature of renewables requires changes in policy to be ***made taking into account the benefits of a transition to renewable energies that will occur in other sectors, for example a decline in chronic diseases due to reduced air pollution;*** highlights the need for support schemes to be ***continued for specific*** technologies ***as*** supply chains ***achieve competitiveness*** and market ***distortions of fossil fuels*** are resolved;

Or. en

**Amendment 207**

**Kathleen Van Brempt, Marita Ulvskog**

**Motion for a resolution**

**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; **highlights, in this context, the Commission's important role as a facilitator**; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, **from** small-scale **to** larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes **to be** phased out **as** technologies and supply chains mature and market failures are resolved;

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that **more** investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; **emphasizes the importance of putting targets in to place, as the legally binding target of 20% by 2020 has already proven to be successful and is likely to be exceeded in almost every Member State; therefore, calls for a binding target of 45% for 2030 and ambitious indicative targets (70%) for 2040 and (95%) 2050, highlights, the EU's important facilitating, coordinating and financially supporting role**, points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, **on a** small-scale **as well as on a** larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; **stresses the importance of stable regulatory frameworks, both on an EU as on a Member State level to stimulate investments**, highlights the need for **simplified administrative procedures and stable and efficient** support schemes **which can be adapted over time and** phased out **when** technologies and supply

chains mature and market failures are resolved;

Or. en

## **Amendment 208**

**Yannick Jadot**

on behalf of the Verts/ALE Group

### **Motion for a resolution**

#### **Paragraph 11**

##### *Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the **changing nature** of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need **for** support schemes to **be phased out as** technologies and supply chains **mature and** market failures are resolved;

##### *Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the **increasing uptake** of renewables requires changes in policy to be made with a view to **adapting markets to this reality and achieving greater market integration, in particular in rewarding flexibility and services to the grid system stability**; highlights the need **to adapt** support schemes to **the individual characteristics of national markets and technologies and phase them out once** technologies and supply chains **have matured and can compete**, market failures are resolved, **and side-benefits properly taken into account**;

*considers that stable and reliable support schemes are key to avoiding unsustainable market developments while recognising that sudden and retroactive changes are undermining investor confidence in the sector;*

Or. en

**Amendment 209**  
**Holger Krahrmer**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that ***the changing nature of renewables requires changes in policy to be made with a view to achieving greater*** market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together ***and to make greater use of the cooperation arrangements provided for in the Renewable Energy Directive*** in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator ***and welcomes its declared intention to draw up guidelines on trade in renewables***; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that ***future framework conditions must be such as to support the system and*** market integration ***of renewables***; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

**Amendment 210**  
**Lena Kolarska-Bobińska**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; ***points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive***; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

Or. en

**Amendment 211**  
**Fiona Hall, Kent Johansson**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is **key** in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made **where they will be most productive and efficient, taking into account the specific characteristics of Member States**; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

*Amendment*

11. Stresses that a more European approach to renewable policy is **important** in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made **to bring their cost down**; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy **and energy market structure** to be made with a view to achieving greater market integration; **calls for market failures such as regulated prices, market concentration and fossil fuel subsidies to be removed and for markets originally designed for baseload conventional technologies to be reformed to adapt to variable renewables**; highlights the need for support schemes to be **gradually** phased out **in a transparent manner** as technologies and supply chains mature and market failures are resolved;

Or. en

**Amendment 212**

**Hannu Takkula, Riikka Manner**

**Motion for a resolution**

**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium

to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved; ***points to the importance of sustainably produced bio-based renewable energy sources, for example wood, in a low-carbon society and low-carbon energy production; points out that decentralised renewable energy generation in particular has a key role to play in terms of development and employment in rural areas;***

Or. fi

### **Amendment 213**

**Bendt Bendtsen, Krišjānis Kariņš**

#### **Motion for a resolution**

#### **Paragraph 11**

##### *Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to

##### *Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to

work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved; ***Stresses however that retroactive changes in support schemes has a detrimental effect on both investor confidence and thereby increases the risks related to RES investments and their costs;***

Or. en

#### **Amendment 214**

**Alejo Vidal-Quadras, Pilar del Castillo Vera**

#### **Motion for a resolution**

##### **Paragraph 11**

###### *Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient,

###### *Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient,



taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; ***stresses thus the importance of finding the optimal solution for renewable integration by balancing the electricity grid with dynamic and environmentally sound generation technologies***; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

Or. en

**Amendment 215**  
**Jolanta Emilia Hibner**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will,

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments ***within the EU*** are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator ***in preparing appropriate***

in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

*analyses of renewable energy resources and potential for the Member States*; points out that renewables will, in the long term, *become important and* move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

Or. pl

**Amendment 216**  
**Lambert van Nistelrooij**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States *and their regions* to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised

to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; **notes that unwelcome competition between different national subsidy systems hampers the development of renewable energy sources**; highlights **therefore** that **is it desirable for support schemes to be better aligned with each other**; **emphasises that** support schemes **need** to be phased out as technologies and supply chains mature **and become competitive** and market failures are resolved;

Or. nl

**Amendment 217**  
**Ioannis A. Tsoukalas**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are **made where they will be** most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are **the** most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that, **in mature markets with high penetration levels**, the changing nature of **mature** renewables

changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

requires changes in policy to be made with a view to achieving greater market integration; *in those markets*, highlights the need for support schemes to be *gradually* phased out as technologies and supply chains mature and market failures are resolved;

Or. en

**Amendment 218**  
**Francisco Sosa Wagner**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market *integration*; highlights the need for support schemes to be phased out *as* technologies and supply chains mature *and* market failures are resolved;

*Amendment*

11. Stresses that a more European approach to renewable *energy* policy is key in the medium to long term; encourages Member States *to continue* to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market *share*; highlights the need for support schemes to be *eventually* phased out *once* technologies and supply chains *will be* mature, market failures are resolved *and energy markets integrated to the nature of variable*

*renewables;*

Or. en

**Amendment 219**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be *phased out* as technologies and supply chains mature and market failures are resolved;

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be *made subject to predetermined time limits* as technologies and supply chains mature and market failures are resolved;

Or. sl

**Amendment 220**  
**Laurence J.A.J. Stassen**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that **a more European approach** to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; **highlights, in this context, the Commission's important role as a facilitator**; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be **phased out** as technologies and supply chains mature and market failures are resolved;

*Amendment*

11. Stresses that renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; points out that renewables will, in the long term, move to the centre of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be **scrapped** as technologies and supply chains mature and market failures are resolved;

Or. nl

**Amendment 221**  
**Silvia-Adriana Țicău**

**Motion for a resolution**  
**Paragraph 11**

*Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost

*Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost

efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, **move to the centre** of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables will, in the long term, **become a major component** of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

Or. ro

## **Amendment 222**

**Edit Herczog, Silvia-Adriana Țicău, Zigmantas Balčytis**

### **Motion for a resolution**

#### **Paragraph 11**

##### *Motion for a resolution*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables **will**, in the long term, move to the centre of the

##### *Amendment*

11. Stresses that a more European approach to renewable policy is key in the medium to long term; encourages Member States to work together in order to optimise the cost efficiency of renewables expansion and to ensure that investments are made where they will be most productive and efficient, taking into account the specific characteristics of Member States; highlights, in this context, the Commission's important role as a facilitator; points out that renewables **could**, in the long term, move to the centre

energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

of the energy mix in Europe, as they progress from technology development to mass production and deployment, from small-scale to larger-scale – integrating local and more remote sources – and from subsidised to competitive; emphasises that the changing nature of renewables requires changes in policy to be made with a view to achieving greater market integration; highlights the need for support schemes to be phased out as technologies and supply chains mature and market failures are resolved;

Or. en

### **Amendment 223**

**Fiona Hall, Graham Watson, Corinne Lepage, Kent Johansson**

#### **Motion for a resolution**

#### **Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Highlights that in order to achieve the total decarbonisation of the EU power supply in the long-term, there is a need to pursue closer integration with neighbouring countries and regions such as Norway, Switzerland and the Southern Mediterranean; stresses that Europe can benefit from the development of the substantial renewable sources of energy in these regions to meet both local demand and, with the development of long-distance grid interconnections, a limited percentage of EU demand; notes that more interconnection will enable Member States to export and import renewable electricity to ensure a reliable energy supply and to balance variable power generation such as wind; in this light, interconnection to Norway offers a particular advantage to the EU because it opens access to the significant electricity***



*storage capabilities of Norwegian hydro;*

Or. en

**Amendment 224**  
**Yannick Jadot**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Underlines that early policy clarity on the post-2020 framework is essential to provide investor confidence, promote energy innovation which is key for ensuring the development of different renewable energy and energy savings technologies enabling the EU to switch to a nearly full renewable energy economy by 2050, and to generate new jobs; believes that dedicated renewable energy targets have proven to stimulate economic development and international industrial leadership on global markets; therefore, calls for a binding 45% renewable energy target for 2030 and milestones for 2040 and 2050 to be fixed at a minimum level of 70% and 95%;***

Or. en

**Amendment 225**  
**Niki Tzavela, Herbert Reul, Konrad Szymański**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Recalls the role of projects such as Desertec and the use of renewable energy sources in neighbouring regions;***

*Highlights the prospect of 'Project Helios' in transporting electricity produced by renewable energy from South East Europe to Central Europe as well as further expansion of wind energy in the North Sea and other regions; Emphasises that the opportunity to import electricity produced from renewable sources from neighbouring regions needs to be complemented by encouraging and facilitating the development of renewable and low-emission sources of energy, e.g. in the Southern Mediterranean and in the North Sea region, and more interconnections within European networks;*

Or. en

**Amendment 226**  
**Bernd Lange**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

*11a. Emphasises, building on the contents of the Energy Roadmap 2050, that early policy clarification on a post-2020 approach is very important; calls on the Commission – taking into account the results of the renewable energy strategy impact assessment and experience with the climate and energy package – to assess the social, environmental and economic advantages of a post-2020 target for renewables and to conduct a thorough study of interaction between the various relevant policy instruments on the basis of continued pursuit of the Europe 2020 strategy and the EU climate protection targets for 2050;*

Or. de

**Amendment 227**  
**Andrzej Grzyb, Bogdan Kazimierz Marcinkiewicz**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Stresses that for many renewable energy resources, it is currently impossible to guarantee stable energy supply under current technological conditions, which entails the need to maintain reserves of conventional energy sources on stand-by; calls on the Commission, in this context, to submit an analysis of how renewable energy sources can be developed sustainably and to support, above all, stable sources of renewable energy; considers that, in the case of less stable energy sources, analyses should be carried out looking into the cost-effectiveness of ensuring reserve power, and energy-storage technologies should be developed;***

Or. pl

**Amendment 228**  
**Romana Jordan**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Believes that prices play a crucial role in energy-related investment and energy production; notes that the different Member States' policies to promote renewable energy show both successes and problems; takes the opinion that the recent relatively high prices of fossil fuels promote the development of renewable energy; notes, however, that in some***

*Member States the promotion of renewable energy by means of financial support could lead to high energy prices, adding to the risk of energy poverty and exacerbating the loss of industrial competitiveness;*

*(Moved from paragraph 31)*

Or. sl

**Amendment 229**

**Judith A. Merkies, Norbert Glante, Maria Da Graça Carvalho**

**Motion for a resolution**

**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

*11a. Stresses the importance of microgeneration for increasing the share of renewable energy sources; moreover, highlights the importance of microgeneration for increasing energy efficiency, securing energy supply and engaging citizens in their own energy use and the fight against climate change; emphasizes, in this regard, the need for a coherent European strategy on microgeneration which includes measures on the update of energy infrastructure, the reduction of legislative burdens and an exchange of best practices of fiscal incentives;*

Or. en

**Amendment 230**

**Alejo Vidal-Quadras, Pilar del Castillo Vera**

**Motion for a resolution**

**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. In order to boost Europe's competitiveness by promoting renewable energy technology exports, calls on Member States and the European Commission to support and promote open market policies for renewable goods in order to ensure the removal of all trade barriers, both tariff and non-tariff barriers, including local content requirements;***

Or. en

**Amendment 231**

**Ioannis A. Tsoukalas**

**Motion for a resolution**

**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Calls for the European Commission to assess the benefits of extending renewable energy targets beyond 2020, including 2030 targets, as this would provide the industry in which the EU has developed a competitive advantage continued clarity for investment, and foster EU technological leadership and industrial innovation;***

Or. en

**Amendment 232**

**Maria Da Graça Carvalho, Pilar del Castillo Vera**

**Motion for a resolution**

**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Calls the European Commission to assess the benefits of extending renewable energy targets beyond 2020, as this would provide the industry, in which the EU has developed a competitive advantage, continued clarity for investment and foster EU technological leadership and industrial innovation;***

Or. en

**Amendment 233**  
**Bendt Bendtsen, Krišjānis Kariņš**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Highlights the need to secure a sufficiently strong policy framework post 2020 for renewable energy technologies including a 2030 EU renewable energy target that secures a cost effective deployment and market integration of renewable energy in the EU;***

Or. en

**Amendment 234**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Highlights the need to secure a sufficiently strong policy framework post 2020 for renewable energy technologies that have not yet reached grid parity***

*designed with a view to converging and later phasing out subsidies;*

Or. en

**Amendment 235**  
**Lena Kolarska-Bobińska, Romana Jordan**

**Motion for a resolution**  
**Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

*11a. Notes that the Energy roadmap scenarios implies a higher amount of biofuels; believes that, in this regard, the Commission should support the move to 3rd generation biofuels based on food crop waste products and impose similar conditions on imported biofuels;*

Or. en

**Amendment 236**  
**Fiona Hall, Corinne Lepage, Kent Johansson**

**Motion for a resolution**  
**Paragraph 11 b (new)**

*Motion for a resolution*

*Amendment*

*11b. Stresses that the overall aim of a long-term strategy for decarbonisation is also to replace fossil fuel imports with renewable energy technology exports; highlights in this regard the need for the European Union and the European Commission to support and promote open market policies for renewable goods and services in order to ensure the removal of all trade barriers, including local content requirements;*

Or. en

**Amendment 237**  
**Niki Tzavela, Konrad Szymański**

**Motion for a resolution**  
**Paragraph 11 b (new)**

*Motion for a resolution*

*Amendment*

***11b. Notes that some renewable energy sources, such as geothermal, can provide heat and power locally and continuously; is of the view that those local sources of energy increase energy independence, notably for isolated communities; underlines, therefore, the importance of supporting their development through R&D and innovative financial instruments;***

Or. en

**Amendment 238**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 11 b (new)**

*Motion for a resolution*

*Amendment*

***11b. Believes that the investment model applied in Energy Roadmap 2050 tends to back-load new (RES) investments with most happening after 2030, thereby greatly underestimating the actual investment need prior to 2030 and exacerbating the risk of locking-in new high-carbon investments;***

Or. en

**Amendment 239**  
**Ioannis A. Tsoukalas**



**Motion for a resolution  
Paragraph 11 b (new)**

*Motion for a resolution*

*Amendment*

***11b. In order to boost Europe's competitiveness by promoting renewable energy technology exports, calls on Member States and the European Commission to support and promote global open market policies for renewable goods in order to ensure the removal of all trade barriers;***

Or. en

**Amendment 240**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage, Kent Johansson**

**Motion for a resolution  
Paragraph 11 c (new)**

*Motion for a resolution*

*Amendment*

***11c. Recognises that renewable energy targets have been successful and should be prolonged to 2030; calls on Member States to keep on track towards meeting their 2020 targets; is concerned by Member States' increasing abrupt changes to support mechanisms for renewable energy, in particular retroactive changes and freezes in support; calls for the Commission to carefully monitor the Renewable Energy Directive's implementation and take action if necessary; calls on Member States to provide stable frameworks for investments in renewable energy, including stable and regularly reviewed support schemes and streamlined administrative procedures;***

Or. en

**Amendment 241**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 11 c (new)**

*Motion for a resolution*

*Amendment*

*11c. Underlines that early policy clarity on the post-2020 framework is essential to provide investor confidence, promote energy innovation which is key for ensuring the development of different technologies enabling the long-term cost-effective decarbonisation of the energy sector, and to generate new jobs and growth potentials; believes that dedicated renewable energy targets have proven to stimulate economic growth and international industrial leadership on global markets; therefore, calls on the Commission to propose a binding 45% renewable energy target for 2030, including an assessment of the economic, environmental and social benefits of a dedicated post-2020 renewable energy target;*

Or. en

**Amendment 242**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 11 d (new)**

*Motion for a resolution*

*Amendment*

*11d. Emphasises that the increasing penetration of renewables requires changes in policy to be made with a view to adapting markets to this reality and achieving greater market integration; highlights the need to adapt support*

*schemes to the individual characteristics of national markets and technologies and phase them out once technologies and supply chains have matured and can compete market failures are resolved, and side-benefits properly taken into account; considers stable and reliable support schemes key to avoiding unsustainable market developments while recognising that sudden and retroactive changes are undermining investor confidence in the sector; awaits the Commission's guidelines on best-practices and experience gained with support schemes which will address stability, predictability and cost-effectiveness; calls on the Commission to provide clear guidance on avoiding sudden and retroactive changes;*

Or. en

**Amendment 243**

**Fiona Hall, Corinne Lepage, Kent Johansson**

**Motion for a resolution**

**Paragraph 11 d (new)**

*Motion for a resolution*

*Amendment*

*11d. Highlights that while stable long-term frameworks for renewable energy support are key to increase investor confidence and thereby decrease the cost of capital, more can be done to ease access to finance for renewable energy investors, such as stepping up the EIB's involvement in renewable energy finance, setting up national green investment banks, easing the involvement of long-term liability institutions such as pension funds and insurance companies; calls on the Commission and Member States to look into innovative instruments for renewable energy finance;*

Or. en

**Amendment 244**

**Fiona Hall, Vladko Todorov Panayotov, Corinne Lepage**

**Motion for a resolution**

**Paragraph 11 e (new)**

*Motion for a resolution*

*Amendment*

***11e. Recalls that heating and cooling represent about 45% of the EU final energy consumption; stresses the role of renewable heating and cooling technologies for the decarbonisation of the energy sector; calls on the Commission to develop an action plan for renewable heating and cooling that includes an assessment of the EU's heating and cooling demand as well as best-practice examples on how to support the sector; notes that readily available renewable solutions (geothermal, biomass including biodegradable waste, solar thermal and hydro-/aerothermal) in combination with energy efficiency measures, including CHP and the utilisation of waste heat, have the potential to decarbonise the entire heat demand by 2050 in a cost-effective way;***

Or. en

**Amendment 245**

**Britta Thomsen**

**Motion for a resolution**

**Paragraph 11 e (new)**

*Motion for a resolution*

*Amendment*

***11e. Finds that the investment model applied in the Energy Roadmap 2050 rests on dubious assumptions such as decreasing oil prices, which deteriorate the business case for renewable energy***

*investments and postpone, in particular, forecasted investments in renewable energy;*

Or. en

**Amendment 246**  
**Britta Thomsen**

**Motion for a resolution**  
**Paragraph 11 f (new)**

*Motion for a resolution*

*Amendment*

*11f. Believes that the investment model applied in Energy Roadmap 2050 tends to back-load new (RES) investments with most happening after 2030, thereby greatly underestimating the actual investment need prior to 2030 and exacerbating the risk of locking-in new high-carbon investments;*

Or. en

**Amendment 247**  
**Lambert van Nistelrooij**

**Motion for a resolution**  
**Paragraph 11 g (new) (after subheading 'Infrastructure and the internal energy market')**

*Motion for a resolution*

*Amendment*

*11g. Notes that a thorough review of the policy framework chosen for 2020, a policy mix of three objectives, is important particularly in terms of cost-effectiveness for choosing future policy; recognises that a new binding target for renewable energy in 2030 offers an opportunity to close the policy gap between 2020 and 2050; stresses that any renewable energy target must complement the climate target;*

**Amendment 248**  
**Lambert van Nistelrooij**

**Motion for a resolution**  
**Paragraph 11 h (new) (after subheading 'Infrastructure and the internal energy market')**

*Motion for a resolution*

*Amendment*

***11h. Emphasises that the generation and use of decentralised energy by consumers themselves will have an important role to play in future energy supply; urges regions and cities to pay special attention to this in their local energy agendas; underlines the importance of decentralised generation in creating sustainable awareness in consumers.***