



**2017/2084(INI)**

25.10.2017

# **AMENDMENTS**

## **1 - 178**

**Draft report**  
**Jerzy Buzek**  
(PE609.590v01-00)

Accelerating Clean Energy Innovation  
(COM(2016)0763 – 2017/2084(INI))

AM\_Com\_NonLegReport

**Amendment 1**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Citation 1 a (new)**

*Motion for a resolution*

*Amendment*

– *having regard to the Paris Agreement under the United Nations Framework Convention on Climate Change ratified by the European Union on 4th October 2016,*

Or. en

**Amendment 2**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Recital -A (new)**

*Motion for a resolution*

*Amendment*

*-A. whereas the Paris Agreement substantially increased the level of global ambition on climate change mitigation, with signatories committing to holding the increase in the global average temperature to well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels. Whereas, the Union needs to prepare for much deeper and faster cuts in emissions than previously foreseen, in order to shift to a highly energy efficient and 100 percent renewables-based energy system at the latest by 2050;*

Or. en

### Amendment 3

**Jakop Dalunde**

on behalf of the Verts/ALE Group

#### Motion for a resolution

##### Recital A

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

A. whereas ***research and*** innovation constitute a distinct dimension of the EU's ***Energy Union, with energy R&D&I a key driver of the EU's industrial*** leadership, global competitiveness, sustainable growth and job creation, as well as ***of*** the EU's overall energy security, by reducing dependence on energy imports;

###### *Amendment*

A. whereas ***ambitious climate and energy policies have been key drivers for*** innovation, ***and binding standards and targets have fostered*** the EU's leadership ***in eco-innovation and turned European industries in some of the most energy-efficient in the world boosting*** global competitiveness, sustainable growth and job creation, as well as the EU's overall energy security, by reducing dependence on energy imports;

Or. en

### Amendment 4

**Zdzisław Krasnodebski, Edward Czesak, Nikolay Barekov**

#### Motion for a resolution

##### Recital A

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

A. whereas research and innovation constitute a distinct dimension of the EU's Energy Union, with energy R&D&I a key driver of the EU's industrial leadership, global competitiveness, sustainable growth and job creation, as well as of the EU's overall energy security, by reducing dependence on energy imports;

###### *Amendment*

A. whereas research and innovation constitute a distinct dimension of the EU's Energy Union, with energy R&D&I a key driver of the EU's industrial leadership, global competitiveness, sustainable growth and job creation, as well as of the EU's overall energy security, by reducing dependence on energy imports ***through an effective use of indigenous energy resources;***

Or. en

### Amendment 5

**Christelle Lechevalier**

**Motion for a resolution**

**Recital A**

*Motion for a resolution*

A. whereas research and innovation constitute a distinct dimension of the EU's Energy Union, with energy R&D&I a key driver of the EU's industrial leadership, global competitiveness, sustainable growth **and** job creation, as well as of the EU's overall energy security, by reducing dependence on energy imports;

*Amendment*

A. whereas research and innovation constitute a distinct dimension of the EU's Energy Union, with energy R&D&I a key driver of the EU's industrial leadership, global competitiveness, sustainable growth, job creation **and Member State energy independence**, as well as of the EU's overall energy security, by reducing dependence on energy imports;

Or. fr

**Amendment 6**

**Barbara Kappel**

**Motion for a resolution**

**Recital A**

*Motion for a resolution*

A. whereas research and innovation constitute a distinct dimension of the EU's Energy Union, with energy R&D&I a key driver of the EU's industrial leadership, global competitiveness, sustainable growth and job creation, as well as of the EU's overall energy security, by reducing dependence on energy imports;

*Amendment*

A. whereas research, **development** and innovation constitute a distinct dimension of the EU's Energy Union, with energy R&D&I a key driver of the EU's industrial leadership, global competitiveness, sustainable growth and job creation, as well as of the EU's overall energy security, by reducing dependence on energy imports;

Or. de

**Amendment 7**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Recital B**

*Motion for a resolution*

B. whereas the EU *is a global leader in high-value, low-emission energy innovation and emerging clean technologies*;

*Amendment*

B. *whereas, modernising the ways we produce, consume and use energy can mitigate the public health, environmental and climate impacts of current practices based on fossil fuels; whereas, this will require increased investment in R&D&I in smarter energy efficient and renewable-based technologies; whereas the objective of H2020 is to contribute to building a society and an economy based on knowledge and innovation by leveraging additional national public and private R&D funding and by helping to attain the target of 3% of GDP for R&D by 2020; whereas the EU invested only 2.03% of GDP in 2015 with huge discrepancies among its member states; whereas global competition is growing and the EU's innovation gap with countries, such as Japan or Korea, is increasing and major economic players like China are starting to compete precisely in those higher added value segments where Europe does best; whereas the EU has to step up its current climate and energy policy ambitions, in order to send out the right investments signals and not to lose its lead market position in high value renewable technologies and energy-efficiency solutions and conceptual innovations*;

Or. en

**Amendment 8**  
**Esther de Lange**

**Motion for a resolution**  
**Recital B**

*Motion for a resolution*

B. whereas the EU is a global leader in high-value, low-emission energy

*Amendment*

B. whereas the EU is a global leader in high-value, low-emission energy

innovation and emerging clean technologies;

innovation and emerging clean technologies; ***and should particularly strive to be a global leader regarding the development of batteries for the future wide-spread deployment of e-mobility and energy storage batteries.***

Or. en

**Amendment 9**  
**Nikolay Barekov**

**Motion for a resolution**  
**Recital B**

*Motion for a resolution*

B. whereas the EU is a global leader in high-value, low-emission energy innovation and emerging clean technologies;

*Amendment*

B. whereas the EU is a global leader in high-value, low-emission energy innovation and emerging clean technologies; ***The EU has good terms for policy implementation in the field of research and innovations;***

Or. en

**Amendment 10**  
**Dario Tamburrano, David Borrelli, Rosa D'Amato**

**Motion for a resolution**  
**Recital B**

*Motion for a resolution*

B. whereas the EU is a global leader in high-value, low-emission energy innovation and emerging clean technologies;

*Amendment*

B. whereas the EU is a global leader in high-value, ***renewable and*** low-emission energy innovation and emerging clean technologies;

Or. en

**Amendment 11**  
**Barbara Kappel**

**Motion for a resolution**  
**Recital B**

*Motion for a resolution*

B. whereas the EU is a global leader in high-value, low-emission energy innovation and emerging clean technologies;

*Amendment*

B. whereas the EU is ***still*** a global leader in high-value, low-emission energy innovation and emerging clean technologies;

Or. de

**Amendment 12**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

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

*Motion for a resolution*

*Amendment*

***Ba. whereas many policies still mask the true societal cost of fossil fuels and artificially lower their prices via significant subsidies; whereas in 2012 annual direct fossil-fuel subsidies stood at around €41.9 billion; whereas in 2014 EU 28 spent around € 4.2 bn in public funding for clean-energy research and innovation; whereas valuable resources are diverted away from energy efficiency and renewable based innovations and the EU can only make up for a fraction, such as through the €1.1 billion from the EU's Horizon 2020 program; whereas this makes life harder for innovative energy efficiency and renewable projects, as they face harsher market conditions;***

Or. en

**Amendment 13**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group



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

*Motion for a resolution*

*Amendment*

***Bb. whereas progress in energy efficiency and renewable energy based innovations and R&D are key to the EU's future competitiveness, including Europe's industry; whereas the EU will become "the world number one on renewables" only through the deployment of cost-effective innovations and intensified R&D efforts in this specific sector; Whereas the implementation of the "Energy Efficiency First" principle needs to be underpinned by a robust innovation policy at European level, notably related to system integration;***

Or. en

**Amendment 14**  
**Xabier Benito Ziluaga, Marisa Matias**

**Motion for a resolution**  
**Recital C**

*Motion for a resolution*

*Amendment*

C. whereas ***a fully functioning internal energy market*** is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, ***a sustainable technology-neutral use of indigenous sources***, and storage and transport solutions;

C. whereas ***an appropriate framework*** is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency and storage and transport solutions;

Or. en

## Amendment 15

Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck

### Motion for a resolution

#### Recital C

##### *Motion for a resolution*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, a sustainable technology-neutral use of indigenous sources, and storage and transport solutions;

##### *Amendment*

C. whereas a fully functioning **and competitive** internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, a sustainable **and efficient** technology-neutral use of indigenous sources, and storage and transport solutions;

Or. en

## Amendment 16

Barbara Kappel

### Motion for a resolution

#### Recital C

##### *Motion for a resolution*

C. whereas a fully functioning internal energy market is essential for further stimulating **R&D** and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, a sustainable technology-neutral use of indigenous sources, and storage and transport solutions;

##### *Amendment*

C. whereas a fully functioning internal energy market is essential for further stimulating **R&D&I** and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, a sustainable technology-neutral use of indigenous sources, and storage and transport solutions;

Or. de

## Amendment 17

**Jakop Dalunde**

on behalf of the Verts/ALE Group

### Motion for a resolution

#### Recital C

##### *Motion for a resolution*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, a sustainable **technology-neutral** use of **indigenous** sources, and storage and transport solutions;

##### *Amendment*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new **renewable** technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, a sustainable use of **distributed renewable energy** sources, and storage and transport solutions;

Or. en

## Amendment 18

**Dario Tamburrano, David Borrelli, Rosa D'Amato**

### Motion for a resolution

#### Recital C

##### *Motion for a resolution*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, **a sustainable technology-neutral** use of **indigenous** sources, **and** storage and transport solutions;

##### *Amendment*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, **full** use of **clean and zero-emissions energy** sources, storage and transport solutions **and technologies**;

## Amendment 19

Eva Kaili

### Motion for a resolution

#### Recital C

##### *Motion for a resolution*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, ***a sustainable technology-neutral*** use of ***indigenous*** sources, and storage and transport solutions;

##### *Amendment*

C. whereas a fully functioning internal energy market is essential for further stimulating R&D and maximising the market uptake of new technologies across all EU regions by providing economies of scale and regulatory and investment certainty, thereby enabling the EU to reap the full potential of energy innovation and fostering efficiency, ***full*** use of ***clean and zero-carbon energy*** sources, and storage and transport solutions;

Or. en

## Amendment 20

Zdzisław Krasnodębski, Edward Czesak, Nikolay Barekov

### Motion for a resolution

#### Recital C a (new)

##### *Motion for a resolution*

##### *Amendment*

***Ca. whereas the energy transition will drastically impact the employment in some regions of the European Union, Member States are responsible for their energy mix as stipulated by provisions of Article 194 TFEU, and therefore may foster the use of their indigenous resources;***

Or. en

**Amendment 21**  
**Nikolay Barekov**

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

*Motion for a resolution*

*Amendment*

***Ca. in the future, all EU users will have better alternatives of suppliers, access to reliable price tools, possibility to change their contracts without any problems, and the opportunity to produce by themselves and to sell electricity;***

Or. en

**Amendment 22**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Recital D**

*Motion for a resolution*

*Amendment*

D. whereas the EU's energy policy and financing instruments should ***primarily focus on a gradual transition to high-efficiency, low-emission systems and avoid setting technology-specific benchmarks that distort market mechanisms;***

D. whereas the EU's energy policy and financing instruments should ***be fully geared towards achieving a highly energy efficient and fully renewables-based energy system; whereas due to market, technological or scientific uncertainty funding from the private sector is often insufficient or not available; whereas the EU needs to set strong and consistent signals and incentives, in order to provide investors' certainty and boost private investment in energy efficient and renewables based innovation, R&D and deployment; whereas such signal would be sent by setting ambitious EU energy and climate targets for 2030 and 2050, underpinned by national binding energy efficiency and renewable targets and a strong Governance framework;***

Or. en

### Amendment 23

Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck

#### Motion for a resolution

##### Recital D

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

D. whereas the EU's energy policy and financing instruments should primarily focus on a gradual transition to high-efficiency, low-emission systems and avoid setting technology-specific benchmarks that distort market mechanisms;

###### *Amendment*

D. whereas the EU's energy policy and financing instruments should primarily focus on a gradual transition to high-efficiency, low-emission systems and avoid setting technology-specific benchmarks that distort market mechanisms ***and limit the use of subsidies to that of a temporary instrument facilitating the market-uptake of new technologies;***

Or. en

### Amendment 24

Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Miapetra Kumpula-Natri, Kathleen Van Brempt, Krystyna Lybacka, Adam Gierek

#### Motion for a resolution

##### Recital D

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

D. whereas the EU's energy policy and financing instruments should primarily focus on a gradual transition to high-efficiency, low-emission systems and avoid setting technology-specific benchmarks that distort market mechanisms;

###### *Amendment*

D. whereas the EU's energy policy and financing instruments should ***be designed to take full advantage of accelerating technical developments and should*** primarily focus on a gradual transition to ***a clean*** high-efficiency, low-emission systems and avoid setting technology-specific benchmarks that distort market mechanisms;

Or. en

### Amendment 25

Christelle Lechevalier

**Motion for a resolution**

**Recital D**

*Motion for a resolution*

D. whereas the EU's energy policy and financing instruments should primarily focus on a gradual transition to high-efficiency, low-emission systems and avoid setting technology-specific benchmarks that distort market mechanisms;

*Amendment*

D. whereas the EU's energy policy and financing instruments should primarily focus on a gradual transition to high-efficiency, low-emission systems ***favouring non-intermittent energy sources***, and avoid setting technology-specific benchmarks that distort market mechanisms;

Or. fr

**Amendment 26**

**Xabier Benito Ziluaga, Marisa Matias**

**Motion for a resolution**

**Recital D**

*Motion for a resolution*

D. whereas the EU's energy policy and financing instruments should primarily focus on a ***gradual*** transition to high-efficiency, ***low-emission*** systems ***and avoid setting technology-specific benchmarks that distort market mechanisms***;

*Amendment*

D. whereas the EU's energy policy and financing instruments, ***especially public investments***, should primarily focus on a ***rapid and just*** transition to high-efficiency ***and 100% renewable*** systems;

Or. en

**Amendment 27**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

**Motion for a resolution**

**Recital D a (new)**

*Motion for a resolution*

*Amendment*

***Da. whereas innovation is driven first***

*and foremost by innovators and market demand; in that sense calls on the Commission to focus its efforts primarily on creating an enabling framework for innovators, ranging from simplifying access to research financing to turning knowledge into commercially viable products; partnerships between researchers and relevant industrial partners can be helpful in that regard;*

Or. en

**Amendment 28**  
**Nikolay Barekov**

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

*Motion for a resolution*

*Amendment*

*Da. whereas, finding sources of clean, green energy is a big challenge for all of us today. Nowadays we rely very heavily on carbon fuels such as benzene, gas and coal for lighting and heating for our homes, enterprises and industries; stresses, however, the need for legislative action to accelerate innovations in the area of the clean energy;*

Or. en

**Amendment 29**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Recital E**

*Motion for a resolution*

*Amendment*

E. whereas the life-cycle assessment (LCA) of energy sources and technologies should be taken as reference when

E. whereas the life-cycle assessment (LCA) *of greenhouse gas emissions* of energy sources and technologies should be



addressing concrete policies and incentives aimed at fostering **low-emission** solutions at EU level;

taken as reference when addressing concrete policies and incentives aimed at fostering **energy efficient and renewables based** solutions at EU level **including the sustainable sourcing of raw materials and metals; whereas focus should be put on those innovations that enable higher penetration of renewable energy technologies and greater energy savings, and that have direct relevance to citizens by allowing their participation in the energy transition and enhancing its affordability;**

Or. en

### Amendment 30

Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis

#### Motion for a resolution

##### Recital E

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

E. whereas the life-cycle assessment (LCA) of energy sources and technologies should be taken as reference when addressing concrete policies and incentives aimed at fostering **low-emission** solutions at EU level;

###### *Amendment*

E. whereas the life-cycle assessment (LCA) of energy sources, **distribution networks** and technologies should be taken as reference when addressing concrete policies and incentives aimed at fostering **zero-emission** solutions at EU level;

Or. en

### Amendment 31

Janusz Lewandowski, Christian Ehler, Marian-Jean Marinescu

#### Motion for a resolution

##### Recital E a (new)

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

###### *Amendment*

**Ea. whereas sustainable use of all indigenous energy sources of Member States is uniquely crucial for EU's overall energy security and economic**

*competitiveness;*

Or. en

### **Amendment 32**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Recital F**

##### *Motion for a resolution*

F. whereas energy-related research and innovation was recognised as a priority area under FP7 and Horizon 2020;

##### *Amendment*

F. whereas energy-related research and innovation was recognised as a priority area under FP7 and Horizon 2020; ***whereas EU research and innovation funding can help to push the boundaries of science, technological development and knowledge as well as to deploy targeted financial instruments to lower the risk of private investments in untested but promising energy efficient and renewable based technologies or business models;***

Or. en

### **Amendment 33**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

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

##### **Recital F**

##### *Motion for a resolution*

F. whereas energy-related research and innovation was recognised as a priority area under FP7 and Horizon 2020;

##### *Amendment*

F. whereas energy-related research and innovation was recognised as a priority area under FP7 and Horizon 2020, ***and should continue to be so in the upcoming EU Framework Programme;***

Or. en

**Amendment 34**  
**Rupert Matthews, Nikolay Barekov**

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

*Motion for a resolution*

*Amendment*

*Fa. whereas decarbonisation should be seen as an economic opportunity, rather than as an economic challenge;*

Or. en

**Amendment 35**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

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

*Motion for a resolution*

*Amendment*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation;

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation; ***Stresses the key role of ambitious climate and clean energy policies as drivers of innovation in real economy; recalls that binding standards and targets have fostered EU leadership in eco-innovation and is concerned that without the stepping up of current climate and energy policy ambition, the EU is already losing its lead market position in new technologies and conceptual innovations; calls on the Commission to focus its research and innovation efforts on sustainable strategic future renewables and energy efficiency based technologies that have the potential to address climate change and environmental concerns, ensure sustainable security of supply and maintain the EU's competitive advantage in climate-friendly energy technologies;***

Or. en

## Amendment 36

Janusz Lewandowski, Christian Ehler, Marian-Jean Marinescu

### Motion for a resolution

#### Paragraph 1

##### *Motion for a resolution*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation;

##### *Amendment*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation; ***is convinced that clean energy innovation should foster sustainable use of all indigenous energy sources of Member States leading to energy savings and wider benefits, such as those related to health, safety and air quality, while respecting the provisions of Article 194 TFEU;***

Or. en

## Amendment 37

Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek

### Motion for a resolution

#### Paragraph 1

##### *Motion for a resolution*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation;

##### *Amendment*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation; ***calls for an innovation regulatory and financing framework that is coherent with the EU energy and climate targets and that creates the conditions to achieve the ambition and priorities set in the legislative framework of the 'Clean Energy for All Europeans package';***

Or. en

## Amendment 38

Zdzisław Krasnodebski, Edward Czesak, Nikolay Barekov

### Motion for a resolution

#### Paragraph 1

##### *Motion for a resolution*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation;

##### *Amendment*

1. Welcomes the Communication setting the framework for accelerating the EU's clean energy innovation; ***stresses the need to develop a coherent plan taking into account the necessary level of security of supply of Member States and the competitiveness of European industries;***

Or. en

## Amendment 39

Jakop Dalunde

on behalf of the Verts/ALE Group

### Motion for a resolution

#### Paragraph 2

##### *Motion for a resolution*

2. Recognises that the successful deployment of energy innovation is a multidimensional challenge that encompasses supply ***chain***, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, public authorities at all levels, NGOs, educators and opinion leaders;

##### *Amendment*

2. Recognises that the successful deployment of energy innovation is a multidimensional challenge that encompasses supply ***and demand side***, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens –consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, public authorities at all levels, ***renewable energy communities***, NGOs, educators and

opinion leaders;

Or. en

#### **Amendment 40**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

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

##### **Paragraph 2**

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

2. Recognises that the successful deployment of energy innovation is a multidimensional challenge that encompasses supply chain, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, **public** authorities **at all levels**, NGOs, educators and opinion leaders;

###### *Amendment*

2. Recognises that the successful deployment of energy innovation is a multidimensional challenge that encompasses supply chain, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, ***EU and national*** authorities, ***including regional and local authorities***, NGOs, educators and opinion leaders;

Or. en

#### **Amendment 41**

**Rolandas Paksas**

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

##### **Paragraph 2**

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

2. Recognises that the successful

###### *Amendment*

2. Recognises that the successful

deployment of energy innovation is a multidimensional challenge that encompasses supply chain, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, public authorities at all levels, NGOs, educators and opinion leaders;

deployment of energy innovation is a multidimensional challenge that encompasses supply chain, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), **SMEs**, start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, public authorities **and local government** at all levels, NGOs, educators and opinion leaders;

Or. It

#### **Amendment 42**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

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

##### **Paragraph 2**

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

2. Recognises that the successful deployment of energy innovation is a multidimensional challenge that encompasses supply chain, value chain, human capital, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers – as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, public authorities at all levels, NGOs, educators and opinion leaders;

###### *Amendment*

2. Recognises that the successful deployment of energy innovation is a multidimensional challenge that encompasses supply chain, value chain, human capital, **market dynamics**, regulation, innovation and industrial policy issues; stresses that this challenge requires the engagement of citizens – consumers and prosumers –, as well as a wide ecosystem of stakeholders, including academia, research and technology organisations (RTOs), start-ups, energy and construction companies, mobility providers, service suppliers, equipment manufacturers, IT and telecoms companies, financial institutions, public authorities at all levels, NGOs, educators and opinion leaders;

**Amendment 43****Dario Tamburrano, David Borrelli, Rosa D'Amato****Motion for a resolution****Paragraph 3***Motion for a resolution*

3. Considers that ***a cost-effective*** energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including ***non-technology specific***, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

*Amendment*

3. Considers that ***the*** energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation; ***highlights the value of new business models that use innovative digital technology to optimise self-generation, storage, exchange and self-consumption of on-site renewable energy and increase access to renewables, especially amongst those in energy poverty or in multi-occupancy buildings;***

Or. en

**Amendment 44****Eva Kaili****Motion for a resolution****Paragraph 3***Motion for a resolution*

3. Considers that a cost-effective energy transition towards environmentally

*Amendment*

3. Considers that a cost-effective energy transition towards environmentally



friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including ***non-technology specific***, systemic solutions; recognises that this transition is fostering new ***organisational*** models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including ***clean energy*** systemic solutions; recognises that this transition is fostering new ***business*** models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; ***highlights in particular the value of new business models that use innovative digital technology to optimise self-consumption and self-generation of on-site renewable energy and increase access to renewables amongst those in energy poverty or in multi-occupancy buildings***; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

Or. en

## **Amendment 45**

### **Miapetra Kumpula-Natri**

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

#### **Paragraph 3**

##### *Motion for a resolution*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

##### *Amendment*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; ***recognises the need for common standards in order to foster a connected and digitalised energy system***; underlines the role that large-scale pilot

projects can play in deploying systemic energy innovation;

Or. en

**Amendment 46**  
**Nikolay Barekov**

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

*Motion for a resolution*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

*Amendment*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions **as well as increasing administrative capacity and awareness of energy efficiency**; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

Or. en

**Amendment 47**  
**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

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

*Motion for a resolution*

3. Considers that a **cost-effective** energy transition towards environmentally friendly, **consumer-oriented** and more digitalised, decentralised systems requires

*Amendment*

3. Considers that a **just** energy transition towards environmentally friendly, **renewable based** and more digitalised, decentralised systems **with**

research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

***active customers and communities*** requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that ***sustainable and community-based*** large-scale pilot projects can play in deploying systemic energy innovation;

Or. en

#### **Amendment 48**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Paragraph 3**

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

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution ***and*** storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

###### *Amendment*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, including non-technology specific, systemic solutions ***and across sectors***; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution, storage ***and electro-mobility***, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

Or. en

#### **Amendment 49**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

**Motion for a resolution  
Paragraph 3**

*Motion for a resolution*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors, ***including non-technology specific***, systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

*Amendment*

3. Considers that a cost-effective energy transition towards environmentally friendly, consumer-oriented and more digitalised, decentralised systems requires research and the deployment of innovation in all energy system sectors ***with a priority for efficiency and renewable energies and*** systemic solutions; recognises that this transition is fostering new organisational models, particularly in energy generation, transmission, distribution and storage, business and needs management, as well as service provision; underlines the role that large-scale pilot projects can play in deploying systemic energy innovation;

Or. en

**Amendment 50  
Gunnar Hökmark**

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

*Motion for a resolution*

*Amendment*

***3a. Recognises the importance of further liberalising European energy markets, notably by removing obstacles to free price formation and progressively phasing out energy subsidies, in order to facilitate the deployment of new technologies, innovation, an emerging supply of renewable energy and a level playing field and a competitive market capable of delivering a better deal for energy consumers and businesses;***

**Amendment 51**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

**Motion for a resolution**

**Paragraph 3 a (new)**

*Motion for a resolution*

*Amendment*

**3a. Recalls that energy efficiency should be a cross-cutting horizontal priority in the Research and innovation policy of the EU applying to all sectors and not limited to energy -related projects, promoting systematically and incentivising the production of more efficient less energy-consuming processes, services and goods;**

Or. en

**Amendment 52**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 3 a (new)**

*Motion for a resolution*

*Amendment*

**3a. Recalls the commitment to focus 85% of Horizon2020 funding in the energy field on renewable energy, end-use energy efficiency, storage and smart grids; urges for the need to increase the share to 100% in the future FP9 framework programme;**

Or. en

**Amendment 53**

**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

**Motion for a resolution**

**Paragraph 3 a (new)**

*Motion for a resolution*

*Amendment*

**3a. Considers that innovations tackling energy poverty must be considered as a priority;**

Or. en

**Amendment 54**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 3 b (new)**

*Motion for a resolution*

*Amendment*

**3b. Points to the results of the interim evaluation of Horizon 2020 showing that the programme is currently below target with regards to climate and sustainability spending and deplores the proposed cuts to energy and climate spending under the 2018 budget, calls for this situation to be rectified before the end of the programme in line with legal commitments under the Horizon 2020 regulation; is also deeply worried by the continuous cuts to the CEF programme and redeployment to other instruments such as the EU defence programme; believes that the cuts in research and innovation spending in the area of energy as seen in the 2018 budget is contrary to the proclaimed aims of the energy union and detrimental to its successful implementation;**

Or. en

**Amendment 55**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 3 c (new)**

*Motion for a resolution*

*Amendment*

**3c. Stresses the need for greater coherence between the EU's commitment under the Paris Agreements and its sectorial and funding policies; welcomes the Commission's clear analysis on the discrepancy between the goals of the Paris Agreement and continuous policies and subsidies promoting fossil fuels; considers direct and indirect fossil fuel subsidies a major obstacle to clean energy innovation and insists on removing and redirecting such resources to financing energy efficiency and renewable-based energy innovation and their uptake; calls for Member States to phase-out fossil fuels in line with the goals of the Paris Agreement;**

Or. en

**Amendment 56**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 3 d (new)**

*Motion for a resolution*

*Amendment*

**3d. Expects the Commission to come forward in 2018 with a carbon budget for the Union that is consistent with commitments under the Paris Agreement, including, as part of the Energy Union, the identification and support for the development of Renewables Energy Projects of Energy Union; Calls for integrating into the EU industrial strategy**

*effective energy innovation financing instruments and measures helping to create more market transparency regarding carbon risk, in order to avoid investments in carbon stranded assets and to divest from carbon-based infrastructure;*

Or. en

**Amendment 57**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 3 e (new)**

*Motion for a resolution*

*Amendment*

*3e. Points out that, the innovation principle put forward in the communication on industrial strategy should be applied, together with the precautionary principle, strictly with the aim of enabling faster uptake of sustainable energy innovations that respond to the need of fighting climate change and protecting the environment and not used a de-regulatory tool rewarding business as usual fossil-based industrial processes;*

Or. en

**Amendment 58**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 4**

*Motion for a resolution*

*Amendment*

4. Notes that research and innovation in energy crucially depends on

4. Notes that research and innovation in energy crucially depends on



predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation *in energy*, as innovation is not only technology-driven;

predictability and certainty, which require long-term policy vision, *ambitious objectives, targets and standards as well as continuous monitoring and reporting*, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; *welcomes in this respect the Commission's proposal for the clean energy package, which has the potential for becoming a key driver for innovation provided it is endowed with clear, ambitious energy efficiency and renewable energy targets that are binding at national level*; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation *and integration of the different solutions available or under development rather than in individual sectors and technologies separately from each other*, as innovation is not only technology-driven; *Calls on the use of European Technology and Innovation Platforms to identify topics for the Research Framework Programme's Work Programmes*;

Or. en

#### **Amendment 59**

**Janusz Lewandowski, Christian Ehler, Marian-Jean Marinescu**

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

##### **Paragraph 4**

##### *Motion for a resolution*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass

##### *Amendment*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass

for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; ***reiterates the provisions of Article 194 TFEU and notes that they must be reflected in policy and financial instruments supporting clean energy innovation***; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

Or. en

## **Amendment 60**

**Gunnar Hökmark**

### **Motion for a resolution**

#### **Paragraph 4**

#### *Motion for a resolution*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

#### *Amendment*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order ***to create a level playing field between technologies, so as to facilitate new innovations, energy supply, market entrants and*** to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

Or. en

## **Amendment 61**

**Motion for a resolution**

**Paragraph 4**

*Motion for a resolution*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

*Amendment*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision ***in line with the Union's long-term energy and climate goals for 2050 and the Paris Agreement***, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

Or. en

**Amendment 62**

**Francesc Gambús**

**Motion for a resolution**

**Paragraph 4**

*Motion for a resolution*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-

*Amendment*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-

cutting, systemic innovation in energy, as innovation is not only technology-driven;

cutting, systemic innovation in energy *and of action to promote education and entrepreneurship that will provide fundamental support for innovation*, as innovation is not only technology-driven;

Or. es

#### **Amendment 63**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Krystyna Lybacka, Adam Gierek**

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

##### *Motion for a resolution*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

##### *Amendment*

4. Notes that research and innovation in energy crucially depends on *stable market and* predictability and certainty *of the regulatory framework*, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

Or. en

#### **Amendment 64 Barbara Kappel**

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

##### *Motion for a resolution*

4. Notes that research and innovation

##### *Amendment*

4. Notes that research, *development*

in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic **and cross-sector** innovation in energy, as innovation is not only technology-driven;

Or. de

**Amendment 65**  
**Aldo Patriciello**

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

*Motion for a resolution*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

*Amendment*

4. Notes that research and innovation in energy crucially depends on predictability and certainty, which require long-term policy vision, sustained targeted incentives and patient equity capital in order to attain the necessary critical mass for market deployment; welcomes **and encourages** the focus on key technologies, as confirmed in the Strategic Energy Technology Plan (SET-Plan) and Commission communication; stresses, however, the need for greater prioritisation of cross-cutting, systemic innovation in energy, as innovation is not only technology-driven;

Or. it

**Amendment 66**  
**Rolandas Paksas**

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

*Motion for a resolution*

5. Urges the Commission and the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

*Amendment*

5. Urges the Commission and the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes, ***as well as regulatory and investment guidelines***, in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans, ***as well as creating a favourable and stable investment environment for investors in energy projects and streamlining the rules on participation for all organisations, enterprises, universities and institutes, both from the EU and from third countries***, could be conducive to that aim;

Or. It

**Amendment 67**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

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

*Motion for a resolution*

5. Urges the Commission and the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources and infrastructure

*Amendment*

5. Urges the Commission and the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes ***and associated business models*** in order to foster synergies and avoid duplication, to ensure the most effective use of existing

in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim, ***best practices and information exchange should be promoted;***

Or. en

**Amendment 68**  
**Francesc Gambús**

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

*Motion for a resolution*

5. Urges the Commission ***and*** the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

*Amendment*

5. Urges the Commission, the Member States ***and regions with legislative powers*** to put in place mechanisms for coordinating EU and national ***and regional*** research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

Or. es

**Amendment 69**  
**Janusz Lewandowski, Christian Ehler, Marian-Jean Marinescu**

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

*Motion for a resolution*

5. Urges the Commission and the

*Amendment*

5. Urges the Commission and the

Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources **and** infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources, infrastructure **and all indigenous energy source available** in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

Or. en

#### **Amendment 70**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Paragraph 5**

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

5. Urges the Commission and the Member States to **put in** place **mechanisms** for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of existing resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

###### *Amendment*

5. Urges the Commission and the Member States to **use the SET plan as** place for coordinating EU and national research and energy innovation programmes, in order to foster synergies and avoid **unintended** duplication, to ensure the most effective use of existing resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in **integrated** national energy and climate plans could be conducive to that aim;

Or. en

#### **Amendment 71**

**Zdzisław Krasnodębski, Edward Czesak, Nikolay Barekov**



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

*Motion for a resolution*

5. Urges the Commission and the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of **existing** resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

*Amendment*

5. Urges the Commission and the Member States to put in place mechanisms for coordinating EU and national research and energy innovation programmes in order to foster synergies and avoid duplication, to ensure the most effective use of **indigenous** resources and infrastructure in all Member States, and to maximise the market uptake of new technologies and innovations across all EU regions; believes that including relevant information in national energy and climate plans could be conducive to that aim;

Or. en

**Amendment 72**  
**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

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

*Motion for a resolution*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **technology-neutral** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

*Amendment*

6. ***Is concerned about the variety and complexity of the existing financial instruments and*** stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to ***energy efficiency and renewable*** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and ***introduce cross-cutting sustainability criteria***; considers that the possibility of pooling the various instruments should be assessed;

Or. en

## Amendment 73

**Jakop Dalunde**

on behalf of the Verts/ALE Group

### Motion for a resolution

#### Paragraph 6

##### *Motion for a resolution*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **technology-neutral** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

##### *Amendment*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **energy efficiency and renewables based** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed, **yet with attention to complementarity**;

Or. en

## Amendment 74

**Barbara Kappel**

### Motion for a resolution

#### Paragraph 6

##### *Motion for a resolution*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to technology-neutral energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

##### *Amendment*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to technology-neutral energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments **along the value chain** and considers that the possibility of pooling the various instruments should be assessed;

## **Amendment 75**

**Eva Kaili**

### **Motion for a resolution**

#### **Paragraph 6**

##### *Motion for a resolution*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **technology-neutral** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

##### *Amendment*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **clean** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

Or. en

## **Amendment 76**

**Dario Tamburrano, David Borrelli, Rosa D'Amato**

### **Motion for a resolution**

#### **Paragraph 6**

##### *Motion for a resolution*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **technology-neutral** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

##### *Amendment*

6. Stresses the need for greater coherence between the relevant funds, including structural funds, dedicated to **clean** energy projects, and for the existing financing instruments at EU and Member State level to be made more comprehensible; calls on the Commission to provide mapping of different funding and financing instruments and considers that the possibility of pooling the various instruments should be assessed;

**Amendment 77**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 6 a (new)**

*Motion for a resolution*

*Amendment*

**6a.** *Welcomes the Commission's commitment to continue to fund fundamental research through H2020 and the European Research Council; Stresses the need to further enhance funding of collaborative research under Horizon Societal Challenges in the field of energy, but also streamlining energy innovation in the other societal challenges; Notes the Commission's proposal to strengthen market-creating innovations by creating a European Innovation Council in addition to the Start up and scale up initiative thereby contributing to generate breakthrough innovations that can capture and create new markets; believes that the creation of market-based financing instrument (such as loans and equity) should not be at the detriment of grants funding that enables non-for profit and public actors, such as academia, university, civil society, to participate in transnational European projects of high value;*

Or. en

**Amendment 78**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

**Motion for a resolution**

## Paragraph 6 a (new)

*Motion for a resolution*

*Amendment*

**6a. Calls on the Commission and Member States to develop national capacity building initiatives for innovation in energy sector business models and financial support schemes;**

Or. en

## Amendment 79

**Jakop Dalunde**

on behalf of the Verts/ALE Group

## Motion for a resolution

### Paragraph 7

*Motion for a resolution*

*Amendment*

7. Calls on the Commission to propose a focused, long-term, **technology-open** energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

7. Calls on the Commission to propose a focused, long-term **and sustainable clean** energy-industrial strategy **that is based on a highly energy efficient and fully renewables based energy system by 2050** as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy; **to this end stresses the need of deep greenhouse gas emission reductions by energy intensive industries and the further development of innovative process technologies that improve emission performance; calls therefore on the Commission to put both energy and resource efficiency at the forefront of research and innovation as well as how to better take advantage of zero marginal cost renewable electricity; considers vital the promotion of a system of open innovation where industry and companies, with their different disciplines and approaches work and develop together high quality and sustainable solutions; stresses that in order to**

*promote innovation in particular in the energy-intensive industrial sector, Member States shall spend the revenue of their ETS auctioning on projects in the sector to implement energy efficiency improvements or a switch to sustainable renewables and account for this transparently;*

Or. en

## **Amendment 80**

**Eva Kaili**

### **Motion for a resolution**

#### **Paragraph 7**

##### *Motion for a resolution*

7. Calls on the Commission to propose a focused, long-term, technology-open energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

##### *Amendment*

7. Calls on the Commission to propose a focused, long-term, technology-open energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy; *welcomes the creation of the European Commission's new Clean Energy Industrial Competitiveness Forum and urges the Commission to fast-track the Forum's work in certain strategic sectors such as solar photovoltaics and wind;*

Or. en

## **Amendment 81**

**Francesc Gambús**

### **Motion for a resolution**

#### **Paragraph 7**

##### *Motion for a resolution*

7. Calls on the Commission to propose a focused, long-term, technology-

##### *Amendment*

7. Calls on the Commission to propose a focused, long-term, technology-

open energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

open energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy, *and welcomes the fact that the Commission is supporting industry-led initiatives to promote the EU's global leadership in clean energy and low carbon technology solutions*;

Or. es

**Amendment 82**  
**Gunnar Hökmark**

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

*Motion for a resolution*

7. Calls on the Commission to propose a focused, long-term, technology-open energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

*Amendment*

7. Calls on the Commission to propose a focused, long-term, technology-open energy-industrial strategy *with a view to facilitate further liberalization of the market*, as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

Or. en

**Amendment 83**  
**Dario Tamburrano, David Borrelli, Rosa D'Amato**

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

*Motion for a resolution*

7. Calls on the Commission to propose a focused, long-term, *technology-open* energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial

*Amendment*

7. Calls on the Commission to propose a focused, long-term, *open and inclusive* energy-industrial strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial

policy;

policy;

Or. en

#### **Amendment 84**

**Xabier Benito Ziluaga, Marisa Matias**

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

##### **Paragraph 7**

##### *Motion for a resolution*

7. Calls on the Commission to propose a focused, long-term, ***technology-open energy-industrial*** strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

##### *Amendment*

7. Calls on the Commission to propose a focused, long-term strategy as an integral part of the EU strategy and action plan for a consistent and comprehensive energy dimension of the EU's industrial policy;

Or. en

#### **Amendment 85**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Paragraph 7 a (new)**

##### *Motion for a resolution*

##### *Amendment*

***7a. Recalls that the photovoltaic industry must be at the heart of the European industrial policy to meet the demands of a growing global market in a context where the bulk of the photovoltaic cells and modules are nowadays manufactured outside the European Union, mostly in China; Stresses the need for the EU to be fully part of a new investment cycle in order to maintain its leadership on R&D on photovoltaic manufacturing machinery, on some other segments like inverters, raw materials, building integrated photovoltaics,***



*operations and maintenance and balance of systems; further emphasises the need to maintain its expertise on system integration such as small-scale PV solutions for developing countries;*

Or. en

**Amendment 86**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierak**

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

*Motion for a resolution*

*Amendment*

**7a.** *Calls on the Commission to carry out an evaluation of the performance of its energy-related financial instruments and funds and to provide a ‘fast track’ response to improve the instruments if specific gridlocks, incoherencies or ameliorations are identified and adapt to the new energy EU targets;*

Or. en

**Amendment 87**

**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

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

*Motion for a resolution*

*Amendment*

**7a.** *Stresses the fundamental role that re-use and cascade use of materials can play in energy savings and sustainable energy innovations and calls on the Commission and Member States to step up their efforts for ensuring coherence and consistency among both policy fields;*

**Amendment 88**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 7 b (new)**

*Motion for a resolution*

*Amendment*

**7b. Urges the Commission and the Member States to promote, prioritize and support investment in the sustainable sourcing of raw materials and drive innovation toward better product design, recycling and reuse of existing metals and materials in the context of the circular economy rather than the opening up of new areas such as the deep-sea for the production of raw materials to supply the renewable energy, transport and related sectors;**

Or. en

**Amendment 89**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 8**

*Motion for a resolution*

*Amendment*

8. Recognises links between digitalisation, IT technologies and energy research and innovation; calls on the Commission to ensure coherence between symbiotic aspects of the Energy Union, the Digital Single Market and cybersecurity strategies;

8. Recognises links between digitalisation, IT technologies and energy research and innovation ***in particular infields of improved data collection, interoperability, associated data security and privacy guarantees; to this end*** calls on the Commission to ensure coherence between symbiotic aspects of the Energy Union, the Digital Single Market and cybersecurity strategies ***and the European***

**Amendment 90**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

**Motion for a resolution**

**Paragraph 9 – introductory part**

*Motion for a resolution*

9. Calls on the Commission to *set up a dedicated inter-service team that would, inter alia:*

*Amendment*

9. *In order to make the existing financing instruments at EU and Member State level more comprehensible, highlight investment opportunities and maximize the uptake of new technologies, calls on the Commission to:*

**Amendment 91**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 9 – point -a (new)**

*Motion for a resolution*

*Amendment*

*(-a) enable new common research and innovation policy planning, in order to ensure consistency, coherence and avoid frequent changes of priorities;*

**Amendment 92**

**Rupert Matthews, Nikolay Barekov**

**Motion for a resolution**

**Paragraph 9 – point a**

*Motion for a resolution*

(a) identify the relevant stakeholders in the EU's wider energy innovation ecosystems, at all levels;

*Amendment*

(a) identify the relevant stakeholders in the EU's wider energy innovation ecosystems, at all levels ***and across all sectors, including offshore wind and other renewable energy technologies***;

Or. en

**Amendment 93**  
**Rolandas Paksas**

**Motion for a resolution**  
**Paragraph 9 – point b**

*Motion for a resolution*

(b) reinforce existing stakeholder fora on energy research and innovation and establish new ones where necessary; provide tools for inter-sectoral, inter-disciplinary and inter-regional exchanges, including on energy innovation projects, national and local long-term energy innovation policies, joint investment opportunities, the appropriation of the energy transition by citizens and grass-root initiatives;

*Amendment*

(b) reinforce existing stakeholder fora on energy research and innovation and establish new ones where necessary; ***promote the formation of clusters, integration into international value-creation networks, investment and innovation***; provide tools for inter-sectoral, inter-disciplinary and inter-regional exchanges, including on energy innovation projects, national and local long-term energy innovation policies, joint investment opportunities, the appropriation of the energy transition by citizens and grass-root initiatives;

Or. It

**Amendment 94**  
**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

**Motion for a resolution**  
**Paragraph 9 – point b**

*Motion for a resolution*

(b) reinforce existing stakeholder fora on energy research and innovation and

*Amendment*

(b) reinforce existing stakeholder fora on energy research and innovation,

establish new ones where necessary; provide tools for inter-sectoral, inter-disciplinary and inter-regional exchanges, including on energy innovation projects, national and local long-term energy innovation policies, joint investment opportunities, the appropriation of the energy transition by citizens and grass-root initiatives;

*especially on energy efficiency and renewable* and establish new ones where necessary; provide tools for inter-sectoral, inter-disciplinary and inter-regional exchanges, including on energy innovation projects, national and local long-term energy innovation policies, joint investment opportunities, the appropriation of the energy transition by citizens and grass-root initiatives;

Or. en

#### **Amendment 95**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

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

##### **Paragraph 9 – point b**

##### *Motion for a resolution*

(b) ***reinforce*** existing stakeholder fora on energy research and innovation ***and establish new ones where necessary***; provide tools for inter-sectoral, inter-disciplinary and inter-regional exchanges, including on energy innovation projects, national and local long-term energy innovation policies, joint investment opportunities, the appropriation of the energy transition by citizens and grass-root initiatives;

##### *Amendment*

(b) ***identify*** existing stakeholder fora on energy research and innovation; provide tools for inter-sectoral, inter-disciplinary and inter-regional exchanges, including on energy innovation projects, national and local long-term energy innovation policies, joint investment opportunities, the appropriation of the energy transition by citizens and grass-root initiatives;

Or. en

#### **Amendment 96**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

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

##### **Paragraph 9 – point b a (new)**

***(ba) incentivise public authorities at all levels to develop capital raising plans and incentivise clean energy innovation in order to foster investor trust and trigger the mobilisation of private capital;***

Or. en

**Amendment 97**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 9 – point c**

*Motion for a resolution*

(c) establish a compendium of best practices, policy and financing instruments in energy, including PPPs, public procurement and tax incentives, exchange and information mechanisms, communication tools and campaigns, as well as operational guidelines on mobilising clean energy innovation, deployment and prosumer involvement, so as to ensure that the EU can adequately support all stages of the innovation cycle, and ultimately provide a practical toolkit for the Member States, local authorities and stakeholders;

*Amendment*

(c) establish a compendium of best practices, policy and financing instruments in energy, including PPPs, public procurement and tax incentives, exchange and information mechanisms, communication tools and campaigns, as well as operational guidelines ***and technical assistance*** on mobilising clean energy innovation, deployment and prosumer involvement, so as to ensure that the EU can adequately support all stages of the innovation cycle, and ultimately provide a practical toolkit for the Member States, local authorities and stakeholders;

Or. en

**Amendment 98**

**Xabier Benito Ziluaga, Marisa Matias**

**Motion for a resolution**

**Paragraph 9 – point c**

*Motion for a resolution*

(c) establish a compendium of best

*Amendment*

(c) establish a compendium of best

practices, policy and financing instruments in energy, **including PPPs**, public procurement and tax incentives, exchange and information mechanisms, communication tools and campaigns, as well as operational guidelines on mobilising clean energy innovation, deployment and prosumer involvement, so as to ensure that the EU can adequately support all stages of the innovation cycle, and ultimately provide a practical toolkit for the Member States, local authorities and stakeholders;

practices, policy and financing instruments in energy, public procurement and tax incentives, exchange and information mechanisms, communication tools and campaigns, as well as operational guidelines on mobilising clean energy innovation, deployment and prosumer involvement, so as to ensure that the EU can adequately support all stages of the innovation cycle, and ultimately provide a practical toolkit for the Member States, local authorities and stakeholders;

Or. en

#### **Amendment 99**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

#### **Motion for a resolution Paragraph 9 – point d**

##### *Motion for a resolution*

(d) examine ways of drawing up innovation-friendly, streamlined and flexible rules for participation in FP9 and ESIF regulations, with the aim of better aligning them;

##### *Amendment*

(d) examine ways of drawing up innovation-friendly, streamlined and flexible rules for participation in FP9 and ESIF regulations, with the aim of better aligning them ***and avoid wasting resources of applicants and promote innovation excellence across all Europe***;

Or. en

#### **Amendment 100 Francesc Gambús**

#### **Motion for a resolution Paragraph 9 – point d**

##### *Motion for a resolution*

(d) examine ways of drawing up

##### *Amendment*

(d) examine ways of drawing up

innovation-friendly, streamlined and flexible rules for participation in FP9 and ESIF regulations, with the aim of better aligning them;

innovation-friendly, streamlined and flexible rules for participation in FP9 and ESIF regulations, *focusing on achieving a greater long-term impact*, with the aim of better aligning them;

Or. es

#### **Amendment 101**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

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

##### **Paragraph 9 – point d a (new)**

*Motion for a resolution*

*Amendment*

*(da) establish a mechanism with the aim to support a transnational energy start-up ecosystem, including an European incubator system in order to ensure that market introduction of energy innovation and business models overcome the “valley of death” in the innovation cycle;*

Or. en

#### **Amendment 102**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

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

##### **Paragraph 9 – point d b (new)**

*Motion for a resolution*

*Amendment*

*(db) increase synergies with Horizon 2020 and other funding initiatives to strengthen the research and innovation capacity building for low performing regions in the EU;*



### **Amendment 103**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Paragraph 9 – point f**

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

(f) draw up concrete proposals with a view to establishing an effective one-stop-shop advisory structure for innovators on financing energy innovation via funds and instruments available at EU, Member State and EIB level;

###### *Amendment*

(f) draw up concrete proposals with a view to establishing an effective one-stop-shop advisory structure for innovators on financing energy innovation via funds and instruments available at EU, Member State and EIB level *as well as from other potential private sources; enhance technical assistance in aggregating information on private and public funding possibilities and guide applicants to the most appropriate funding mechanism; notably in the field of energy efficiency where aggregation of small projects into broader portfolios is indispensable;*

Or. en

### **Amendment 104**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

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

##### **Paragraph 9 – point f a (new)**

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

###### *Amendment*

*(fa) identify ways of introducing into EU public procurement legislation incentives to promote innovative energy solutions in the public sector;*

Or. en

**Amendment 105**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 9 a (new)**

*Motion for a resolution*

*Amendment*

**9a. Stresses that public procurement can be an innovation driver as well as fostering more sustainable growth, as also recognised by the Sustainable Development Goals; points out that the choice of sustainable products, service and public works is essential and can create lead or new markets for innovative products; welcomes the Commission's initiative under the Start-up and Scale-up Initiative to introduced measures on EU procurement to amongst others encourage Member States to set ambitious innovation buying targets; further stresses the role that local and regional authorities can play in setting good examples as well as engaging in the exchange of good practice in fora, such as the Covenant of Mayors;**

Or. en

**Amendment 106**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 10**

*Motion for a resolution*

*Amendment*

**10. Urges the Commission to strengthen the innovation capacity component of competitiveness proofing in impact assessments and apply the Research & Innovation Tool to all new energy policy**

**10. Urges the Commission to strengthen the innovation capacity component of competitiveness proofing in impact assessments and apply the Research & Innovation Tool to all new energy policy**

proposals;

proposals *and the review of existing legislation, without undermining effectiveness of legislation*;

Or. en

### **Amendment 107**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

### **Motion for a resolution**

#### **Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

**10a.** *Welcomes the four strategic interconnected priorities proposed by the Commission for the allocation of future funding under H2020:a) Decarbonising the EU building stock by 2050: From nearly-zero energy buildings to energy-plus districts: b)Strengthening EU leadership on renewables c) Developing affordable and integrated energy storage solutions d) Electro-mobility and a more integrated urban transport system; considers these priorities as key drivers for innovation and essential pillars of the energy transition; welcomes in this respect the Commission's initiative on launching a European Battery Alliance as officially announced in October 2017 that would support domestic production of batteries and allow the EU to compete with the US and Asia on this highly strategic technology; stresses yet the need for focusing on energy savings and energy efficiency also beyond the building sector, in particular as regards the production of fuels/energy as well as in-use, such as in industrial processes and the tertiary sector where still essential gains could be made; further emphasises the need for innovation to further look into aspects of system flexibilisation tackling overcapacities, and sector coupling (electricity, heating and cooling*

*and transport sectors) as well as the advancement of the next generation of infrastructure, such as intelligent networks, smart grids or micro grids, in order to ensure system readiness for the uptake of increasing levels of electricity production from renewable energy sources and a secure operation of the electricity system;*

Or. en

#### **Amendment 108**

**Dario Tamburrano, David Borrelli, Rosa D'Amato**

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

#### **Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

*10a. Requests the Commission to ensure that its work on innovation on the one hand, and standards and interoperability on the other, is fully joined up so that the EU establishes global leadership in standard setting in clean energy ‘Internet of Things’ integrated sectors; welcomes as an example in this context the development of the new European standard for smart appliances (Saref) that is potentially creating a new EU-based reference language for energy-related data allowing home devices to exchange information with any energy management system;*

Or. en

#### **Amendment 109**

**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

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

#### **Paragraph 10 a (new)**

*Motion for a resolution*

*Amendment*

**10a.** *Recalls that energy innovation policies have to go in line with the EU commitment to conserve and enhance CO2 sinks while preserving biodiversity, especially in forests, lands and seas;*

Or. en

**Amendment 110**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 10 b (new)**

*Motion for a resolution*

*Amendment*

**10b.** *Notes that due to scarcity of resources, lack of capacity storage, unresolved problems such as high cost prices, its energy penalty (up to 40 percent of the energy produced by a power station) and environmental risks, Carbon Capture Storage (CCS) is not an option should the EU want to develop rapidly a renewable energy and energy efficient economy in line with the EU climate objectives;*

Or. en

**Amendment 111**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 10 c (new)**

*Motion for a resolution*

*Amendment*

**10c.** *Encourages relevant Member States to contribute adequately to meeting the 3% EU's GDP target for R&D; notes*

*that an overall increase of 3% would bring additionally more than 100 billion euros per year for research and innovation in Europe; recalls that two thirds of R&D funding is expected to come from the private sector;*

Or. en

**Amendment 112**  
**Christelle Lechevalier**

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

*Motion for a resolution*

**11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union;**

*Amendment*

*deleted*

Or. fr

**Amendment 113**  
**Gunnar Hökmark**

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

*Motion for a resolution*

**11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy**

*Amendment*

**11. Reiterates Parliament's call for an increased overall budget of *at least* EUR 120 billion for FP9 and urges the Commission to *strengthen the excellence criteria with the purpose of making Europe into a global centre for innovation and research, leading technologies, and* increase by 50 % the**

Union;

proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union;

Or. en

#### **Amendment 114**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Paragraph 11**

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

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union;

###### *Amendment*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union; *considers that the innovation related to the reduction of GHG emissions and the energy transition should have a key position in the next EU multi-annual framework and hence FP9 funding should be increased or at least kept steady following Brexit;*

Or. en

#### **Amendment 115**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

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

##### **Paragraph 11**

*Motion for a resolution*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union;

*Amendment*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by ***at least*** 50 % the proportion of ***clean*** energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union; ***calls in particular to reinforce the financial resources under FP9 to stimulate breakthrough, market creating-innovation initiatives, notably for SMEs;***

Or. en

**Amendment 116**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

**Motion for a resolution**

**Paragraph 11**

*Motion for a resolution*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy ***Union;***

*Amendment*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to increase by 50 % the proportion of ***sustainable*** energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the energy ***transition;***

Or. en

**Amendment 117**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

**Motion for a resolution**

**Paragraph 11**



*Motion for a resolution*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to ***increase by 50 % the proportion of*** energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union;

*Amendment*

11. Reiterates Parliament's call for an increased overall budget of EUR 120 billion for FP9 and urges the Commission to ***set an ambitious target for*** energy-related financing under FP9 from the corresponding H2020 level, so as to ensure sufficient funding to support effective implementation of the Energy Union;

Or. en

**Amendment 118**

**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

**Motion for a resolution  
Paragraph 11 a (new)**

*Motion for a resolution*

*Amendment*

***11a. Reiterates the need to improve the quality of investments financed by EFSI and to particularly focus on incentives for better geographical allocation taking into account the current imbalance in the geographical coverage of EFSI and the specific needs of less developed and transitional regions; recognises the need of a cooperation with national promotional investment banks, investment platforms and eligible financial intermediaries through a possible delegation of the use of the EU guarantee to them; calls to substantially reinforce the role and the capacity of the European Investment Advisory Hub, notably through a local presence and a proactive role in the preparation of projects;***

Or. en

#### **Amendment 119**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

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

##### **Paragraph 11 b (new)**

*Motion for a resolution*

*Amendment*

***11b. Believes that FP9 should support initiatives such as "100% renewable cities" involving cities and local administration aiming to substantially increase additional renewable energy capacity for electricity, mobility, heating and cooling in cities through innovation projects. Those initiatives could include smart grids, energy system management, activities to enable sector coupling and ensure electric vehicles etc.;***

Or. en

#### **Amendment 120**

**Xabier Benito Ziluaga, Marisa Matias**

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

##### **Paragraph 12**

*Motion for a resolution*

*Amendment*

12. Recognises the role of the SET-Plan, the Knowledge Innovation Community (KIC) ***InnoEnergy*** and the relevant Joint Technology Initiatives (JTIs) in driving energy innovation; stresses the need to better connect these various frameworks together with, inter alia, the InnovFin initiative, ***the EFSI*** and the proposed Pan-European Venture Capital Fund(s)-of-Funds programme (VC FoF) as part of a coordinated, focused investment strategy in clean energy innovation that would help early-stage projects and start-ups effectively overcome the ‘valley of

12. Recognises the role of the SET-Plan, the Knowledge Innovation Community (KIC) and the relevant Joint Technology Initiatives (JTIs) in driving energy innovation; stresses the need to better connect these various frameworks together with, inter alia, the InnovFin initiative and the proposed Pan-European Venture Capital Fund(s)-of-Funds programme (VC FoF) as part of a coordinated, focused investment strategy in clean energy innovation that would help early-stage projects and start-ups effectively overcome the ‘valley of death’

death' and reach the market maturity levels needed for global expansion; considers that effective incentives for investment in energy innovation, by means of national investment funds **and pension funds**, could play a crucial role in mobilising the necessary equity capital;

and reach the market maturity levels needed for global expansion; considers that effective incentives for investment in energy innovation, ***such as not considering public investments as public deficit as established by the Treaty on Stability, Coordination and Governance in the Economic and Monetary Union***, by means of national investment funds could play a crucial role in mobilising the necessary equity capital;

Or. en

**Amendment 121**  
**Christelle Lechevalier**

**Motion for a resolution**  
**Paragraph 12**

*Motion for a resolution*

12. Recognises the role of the SET-Plan, the Knowledge Innovation Community (KIC) InnoEnergy and the relevant Joint Technology Initiatives (JTIs) in driving energy innovation; stresses the need to better connect these various frameworks together with, inter alia, the InnovFin initiative, the EFSI and the proposed Pan-European Venture Capital Fund(s)-of-Funds programme (VC FoF) as part of a coordinated, focused investment strategy in clean energy innovation that would help early-stage projects and start-ups effectively overcome the 'valley of death' and reach the market maturity levels needed for global expansion; considers that effective incentives for investment in energy innovation, by means of national investment funds and pension funds, could play a crucial role in mobilising the necessary equity capital;

*Amendment*

12. Recognises the role of the SET-Plan, the Knowledge Innovation Community (KIC) InnoEnergy and the relevant Joint Technology Initiatives (JTIs) in driving energy innovation; stresses the need to better connect these various frameworks together with, inter alia, the InnovFin initiative, the EFSI and the proposed Pan-European Venture Capital Fund(s)-of-Funds programme (VC FoF) as part of a coordinated, focused investment strategy in clean, ***non-intermittent*** energy innovation that would help early-stage projects and start-ups effectively overcome the 'valley of death' and reach the market maturity levels needed for global expansion; considers that effective incentives for investment in energy innovation, by means of national investment funds and pension funds, could play a crucial role in mobilising the necessary equity capital;

Or. fr

#### **Amendment 122**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierak**

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

##### **Paragraph 12**

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

12. Recognises the role of the SET-Plan, the Knowledge Innovation Community (KIC) InnoEnergy and the relevant Joint Technology Initiatives (JTIs) in driving energy innovation; stresses the need to better connect these various frameworks together with, inter alia, the InnovFin initiative, the EFSI and the proposed Pan-European Venture Capital Fund(s)-of-Funds programme (VC FoF) as part of a coordinated, focused investment strategy in clean energy innovation that would help early-stage projects and start-ups effectively overcome the ‘valley of death’ and reach the market maturity levels needed for global expansion; considers that effective incentives for investment in energy innovation, by means of national investment funds and pension funds, could play a crucial role in mobilising the necessary equity capital;

###### *Amendment*

12. Recognises the role of the SET-Plan, the Knowledge Innovation Community (KIC) InnoEnergy and the relevant Joint Technology Initiatives (JTIs) in driving energy innovation; stresses the need to better connect these various frameworks together with, inter alia, the InnovFin initiative, the EFSI and the proposed Pan-European Venture Capital Fund(s)-of-Funds programme (VC FoF) as part of a coordinated, focused investment strategy in clean energy innovation that would help early-stage projects and start-ups **and SMEs** effectively overcome the ‘valley of death’ and reach the market maturity levels needed for global expansion; considers that effective incentives for investment in energy innovation, by means of national investment funds and pension funds, could play a crucial role in mobilising the necessary equity capital;

Or. en

#### **Amendment 123**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

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

##### **Paragraph 12 a (new)**

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

###### *Amendment*

***12a. Reminds that first of a kind (FOAK) projects are highly risky and the supply of equity and debt is at much lower levels than the financing of proven low carbon technologies; to this end calls on the Commission to remove remaining regulatory obstacles and propose the establishment of a SET-FOAK Equity Fund;***

Or. en

**Amendment 124**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 13**

*Motion for a resolution*

13. Acknowledges the role that the European Innovation Council (EIC) could play in helping coordinate the various strands of a coherent investment strategy in clean energy innovation; requests more information about the EIC's structure and consistency with existing instruments supporting innovation;

*Amendment*

13. Acknowledges the role that the European Innovation Council (EIC) could play in helping ***early stage companies to find funding and proposed as a role to*** coordinate the various strands of a coherent investment strategy in clean energy innovation; requests more information about the EIC's structure and consistency with existing instruments supporting innovation;

Or. en

**Amendment 125**

**Christelle Lechevalier**

**Motion for a resolution**

**Paragraph 13**

*Motion for a resolution*

13. Acknowledges the role that the European Innovation Council (EIC) could play in helping coordinate the various

*Amendment*

13. Acknowledges the role that the European Innovation Council (EIC) could play in helping coordinate the various

strands of a coherent investment strategy in clean energy innovation; requests more information about the EIC's structure and consistency with existing instruments supporting innovation;

strands of a coherent investment strategy in ***clean, non-intermittent*** energy innovation; requests more information about the EIC's structure and consistency with existing instruments supporting innovation;

Or. fr

**Amendment 126**  
**Rolandas Paksas**

**Motion for a resolution**  
**Paragraph 14**

*Motion for a resolution*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean energy innovation crowd equity fund;

*Amendment*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean energy innovation crowd equity fund, ***whose resources would be allocated to four priority technological areas: renewable energy, storage solutions, E-mobility and zero-energy housing;***

Or. It

**Amendment 127**  
**Eva Kaili**

**Motion for a resolution**  
**Paragraph 14**

*Motion for a resolution*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean energy innovation

*Amendment*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation ***start-up*** crowdfunding and to consider the setting up of a clean energy

crowd equity fund;

innovation crowd equity fund; ***underlines the importance of crowdfunding for new renewable installations as a means of diversifying sources of finance;***

Or. en

#### **Amendment 128**

**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

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

##### **Paragraph 14**

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

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean energy innovation crowd equity fund;

###### *Amendment*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean energy innovation crowd equity fund, ***considers, nevertheless, that those new ways of financing shall be additional and complementary to the current ones;***

Or. en

#### **Amendment 129**

**Dario Tamburrano, David Borrelli, Rosa D'Amato**

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

##### **Paragraph 14**

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

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding ***and to consider the setting up of a clean energy innovation crowd equity fund;***

###### *Amendment*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote ***clean*** energy innovation crowdfunding ***as a means of diversifying sources of finance;***

**Amendment 130**  
**Christelle Lechevalier**

**Motion for a resolution**  
**Paragraph 14**

*Motion for a resolution*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean energy innovation crowd equity fund;

*Amendment*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; calls on the Commission to explore effective ways to promote energy innovation crowdfunding and to consider the setting up of a clean, ***non-intermittent*** energy innovation crowd equity fund;

Or. fr

**Amendment 131**  
**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

**Motion for a resolution**  
**Paragraph 14**

*Motion for a resolution*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing; ***calls on the Commission to explore effective ways to promote energy innovation*** crowdfunding ***and to consider the setting up of a clean energy*** innovation crowd equity fund;

*Amendment*

14. Considers that citizen-driven energy innovation opens untapped opportunities for innovation financing, ***for example through*** crowdfunding; ***however citizen-driven*** innovation ***can only take place if barriers for market entry are lowered.***

Or. en

**Amendment 132**  
**Eva Kaili**



**Motion for a resolution**  
**Paragraph 14 a (new)**

*Motion for a resolution*

*Amendment*

**14a. Emphasises that new smart grid technology can enable higher penetration of renewable energy and allow both large-scale and small-scale renewable installations to receive new revenue streams from innovative grid services which thanks to digitalisation can be delivered with greater speed and accuracy; calls on the European Commission to prioritise innovative smart grid projects within the European Investment Bank's financial instruments, European Structural and Investment Funds, Horizon 2020 and the Connecting Europe Facility;**

Or. en

**Amendment 133**  
**Dario Tamburrano, David Borrelli, Rosa D'Amato**

**Motion for a resolution**  
**Paragraph 14 a (new)**

*Motion for a resolution*

*Amendment*

**14a. Stresses that, in order to encourage a bottom-up approach to innovation, the uptake of small scale applications (e.g. NegaWatt, on-site generation, local storage, among others) should be promoted and their clustering and aggregation fostered to attract more investments and increase affordability, with particular attention to low-income households or multi-occupancy buildings;**

Or. en

**Amendment 134**

**Jakop Dalunde**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 14 a (new)**

*Motion for a resolution*

*Amendment*

**14a.** *Welcome the Commission's intention to make an increasing use of inducement prices, as they are good tools to foster bottom-up break-through innovations giving contestant most discretion to develop effective solutions;*

Or. en

**Amendment 135**  
**Xabier Benito Ziluaga, Marisa Matias, Neoklis Sylikiotis**

**Motion for a resolution**  
**Paragraph 14 a (new)**

*Motion for a resolution*

*Amendment*

**14a.** *Calls on the Commission and Member States to privilege investments and research focusing in energy-cooperatives and community-driven models of the self-generation of decentralized renewable energy;*

Or. en

**Amendment 136**  
**Dario Tamburrano, David Borrelli, Rosa D'Amato**

**Motion for a resolution**  
**Paragraph 14 b (new)**

*Motion for a resolution*

*Amendment*

**14b.** *Highlights the extreme importance for small project promoters and innovators, including local energy*

*communities, renewable energy  
communities, renewable self-consumers  
and active customers, to have an easier  
access to funding through a more  
simplified and coordinated framework  
financing the energy transition;*

Or. en

**Amendment 137**

**Dario Tamburrano, David Borrelli, Rosa D'Amato**

**Motion for a resolution**

**Paragraph 14 c (new)**

*Motion for a resolution*

*Amendment*

*14c. Stresses that well designed  
financial mechanisms are needed to  
ensure a smart deployment of clean  
energy innovation; in the design process  
there should be sufficient consideration to  
the need of reducing the risk for the  
private sector investments in the  
modernisation and decentralisation of the  
energy system, while for certain public  
investments a flexible approach to the  
accounting system should be considered  
in order to decrease the financial burden  
especially on smaller and financially  
weaker cities, regions and Member States;*

Or. en

**Amendment 138**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 15**

*Motion for a resolution*

*Amendment*

15. *Recognises the role that the Paris  
Agreement could play in fostering global*

15. *Recalls the Paris Agreement's  
objectives and the urgency to foster global*

efforts for accelerated clean energy innovation; calls on the Commission to explore means by which capacity-building measures under the Agreement can help strengthen energy innovation ecosystems *in developing countries*;

efforts for accelerated clean energy innovation; calls on the Commission, *in line also with the Sustainable Development Goals (SDGs)*, to explore *different* means *and channels* by which *to assist developing countries and emerging economies in their energy transition, such as through* capacity-building measures under the Agreement, *possible transfer of technologies, assisting in reducing the capital costs of local renewables and energy efficiency projects as well as other measures that* can help strengthen *local* energy innovation ecosystems *and overall help them to deliver on their commitments to implement the Paris Agreement*;

Or. en

#### **Amendment 139**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

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

##### **Paragraph 15**

##### *Motion for a resolution*

15. Recognises the role that the Paris Agreement *could* play in fostering global efforts for accelerated clean energy innovation; calls on the Commission to explore means by which capacity-building measures under the Agreement can help strengthen energy innovation ecosystems in developing countries;

##### *Amendment*

15. Recognises the role that the Paris Agreement *can* play in fostering global efforts for accelerated clean energy innovation; calls on the Commission to explore means by which capacity-building measures under the Agreement can help strengthen energy innovation ecosystems in developing countries;

Or. en

#### **Amendment 140**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

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

##### **Paragraph 15 a (new)**

**15a. Encourage technology transfers to developing countries' citizen and community-driven and public initiatives, in a spirit of cooperation;**

Or. en

**Amendment 141**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 16**

*Motion for a resolution*

**16. Calls on the Commission to exploit the full potential of the Mission Innovation initiative by seeking synergies with initiatives such as the Breakthrough Energy Coalition and with global equity and investment funds, and through a possible coordinated division of labour in energy innovation on a global scale;**

*Amendment*

**16. Agrees that the heart of Mission Innovation is the commitment by signatory countries to double annual spending on clean energy R&D between 2015 to 2020; questions the relevance of Mission Innovation if countries can remain in it without honouring this pledge; calls on the US to stick to its pledge; considers a two-speed Mission Innovation a viable way to accommodate ambitious and less ambitious countries; calls for linking the SET FOAK Equity Fund with global equity and investment funds; welcomes in this respect the EU leading the Converting Sunlight Innovation Challenge to create storable solar fuels and the Affordable Heating and Cooling of Buildings Innovation Challenge;**

Or. en

**Amendment 142**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

**Motion for a resolution**

**Paragraph 16**

*Motion for a resolution*

16. Calls on the Commission to exploit the full potential of the Mission Innovation initiative by seeking synergies with *initiatives such as the Breakthrough Energy Coalition and with global equity and investment funds, and through a possible coordinated division of labour in energy innovation on a global scale;*

*Amendment*

16. Calls on the Commission to exploit the full potential of the Mission Innovation initiative by seeking synergies with *other* possible *stakeholders*;

Or. en

**Amendment 143**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 17**

*Motion for a resolution*

17. Calls on the Commission *to assess the possibility of enhancing the promotion of clean energy technology exports within the Deep and Comprehensive Free Trade Areas (DCFTA)*, including through a dedicated support facility and focused assistance from EU delegations in third countries;

*Amendment*

17. Calls on the Commission *develop a comprehensive export strategy for green technologies and to identify new markets for European know-how in renewables and energy efficiency, both in terms of individual technologies, but also in terms of system integration; recognizes opportunities in providing solutions for developing countries both in the urban environment fostering the development of smart cities as well as remote and rural areas, including small islands, where needs of electrification can be addressed by small-scale renewables coupled with batteries, for example; emphasises the importance of developing strategic partnerships in this respect*, including through a dedicated support facility and focused assistance from EU delegations in third countries; *Welcomes the newly established European Fund for Sustainable Development to put focus on investments that contribute to climate action, renewable energy and resource efficiency; notes the commitment taken to*

*allocate at least 28 % of its financing to such investments and considers this to be an absolute minimum;*

Or. en

#### **Amendment 144**

**Eva Kaili**

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

##### **Paragraph 17**

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

17. Calls on the Commission to assess the possibility of enhancing the promotion of clean energy technology exports within the Deep and Comprehensive Free Trade Areas (DCFTA), including through a dedicated support facility and focused assistance from EU delegations in third countries;

###### *Amendment*

17. Calls on the Commission to assess the possibility of enhancing the promotion of clean energy ***and renewable*** technology exports within the Deep and Comprehensive Free Trade Areas (DCFTA), including through a dedicated support facility and focused assistance from EU delegations in third countries;

Or. en

#### **Amendment 145**

**Nikolay Barekov**

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

##### **Paragraph 17**

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

17. Calls on the Commission to assess the possibility of enhancing the ***promotion of*** clean energy technology exports within the Deep and Comprehensive Free Trade Areas (DCFTA), including through a dedicated support facility and focused assistance from EU delegations in third countries;

###### *Amendment*

17. Calls on the Commission to assess the possibility of enhancing ***and accelerating*** the clean energy technology exports within the Deep and Comprehensive Free Trade Areas (DCFTA), including through a dedicated support facility and focused assistance from EU delegations in third countries;

Or. en

## **Amendment 146**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

### **Motion for a resolution**

#### **Paragraph 17**

##### *Motion for a resolution*

17. Calls on the Commission to assess the possibility of enhancing the promotion of *clean* energy technology exports within *the Deep and Comprehensive Free Trade Areas (DCFTA)*, including through a dedicated support facility and focused assistance from EU delegations in third countries;

##### *Amendment*

17. Calls on the Commission to assess the possibility of enhancing the promotion of *sustainable* energy technology exports within *its foreign policies*, including through a dedicated support facility and focused assistance from EU delegations in third countries;

Or. en

## **Amendment 147**

**Eva Kaili**

### **Motion for a resolution**

#### **Paragraph 17 a (new)**

##### *Motion for a resolution*

##### *Amendment*

*17a. Notes that building-integrated photovoltaics and renewable energy solutions for buildings have been identified as a priority area within the “Strengthening EU Leadership on Renewables” focus area; agrees that this is a field where Europe boasts world-class product development and precision manufacturing including in glass-integrated photovoltaics; urges the European Commission and national authorities to do their utmost to support this innovative manufacturing and ensure that Europe maintains its leading role in this sector;*

Or. en



**Amendment 148**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

**Motion for a resolution**

**Paragraph 17 a (new)**

*Motion for a resolution*

*Amendment*

***17a. Calls on the Commission and the Member States to conduct a thorough examination of the patents registration procedures and requests the removal of unnecessary administrative burdens, which slow down the process of market penetration of innovative products and affect the EU's role as a leader in the clean energy transition;***

Or. en

**Amendment 149**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 17 a (new)**

*Motion for a resolution*

*Amendment*

***17a. Underlines the need, in the context of the Paris Agreement and the EU's climate objectives, to prioritise funding for climate change research and climate data collection infrastructure – particularly as the United States is considering significant budgetary cuts to US environmental research institutions;***

Or. en

**Amendment 150**

**Gunnar Hökmark**

**Motion for a resolution**  
**Paragraph 17 a (new)**

*Motion for a resolution*

*Amendment*

**17a.** *Believes that EU global leadership in new technologies and innovation can be achieved by securing excellence and stimulating blue skies research in FP9;*

Or. en

**Amendment 151**  
**Eva Kaili**

**Motion for a resolution**  
**Paragraph 17 b (new)**

*Motion for a resolution*

*Amendment*

**17b.** *Requests the Commission to ensure that its work on innovation on the one hand, and standards and interoperability on the other, is fully joined up so that the EU establishes global leadership in standard setting in clean energy ‘Internet of Things’ sectors;*

Or. en

**Amendment 152**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 17 b (new)**

*Motion for a resolution*

*Amendment*

**17b.** *Believes that citizen should to be at the centre of the energy system and that a more decentralised bottom-up, user-centred energy system is a driver for innovation; consumers, local energy*

*communities, cities and small-start-ups  
can participate and push future  
developments and innovations;*

Or. en

#### **Amendment 153**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

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

##### **Paragraph 18**

##### *Motion for a resolution*

18. Believes that accelerating clean energy innovation requires Europeans to undergo a change in their mindset that would transcend simple awareness of energy issues and move towards a deeper understanding of the behavioural changes **and** new consumption patterns needed to meet the pressing challenges of sustainable growth, so as to reap the advantages of the digital revolution and innovation in all fields and succeed in energy transition;

##### *Amendment*

18. Believes that accelerating clean energy innovation requires Europeans to undergo a change in their mindset that would transcend simple awareness of energy issues and move towards a deeper understanding of the behavioural changes, new consumption **and production** patterns needed to meet the pressing challenges of sustainable growth, so as to reap the advantages of the digital revolution and innovation in all fields and succeed in energy transition; ***notes that innovation can enable citizens to play a more active role in the energy generation, minimising energy feed-in to the grid as well contributing to more efficient use of energy by reducing energy consumption needed for heating and cooling;***

Or. en

#### **Amendment 154**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

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

##### **Paragraph 18**

*Motion for a resolution*

18. Believes that accelerating clean energy innovation requires Europeans to undergo a change in their mindset that would transcend simple awareness of energy issues and move towards a deeper understanding of the behavioural changes **and new** consumption patterns needed to meet the pressing challenges of sustainable growth, so as to reap the advantages of the digital revolution and innovation in all fields and succeed in energy transition;

*Amendment*

18. Believes that accelerating clean energy innovation requires Europeans to undergo a change in their mindset that would transcend simple awareness of energy issues and move towards a deeper understanding of the behavioural changes **needed, specially energy savings and production and** consumption **new** patterns, needed to meet the pressing challenges of sustainable growth, so as to reap the advantages of the digital revolution and innovation in all fields and succeed in energy transition;

Or. en

**Amendment 155**

**Eva Kaili**

**Motion for a resolution**

**Paragraph 18 a (new)**

*Motion for a resolution*

**18a. Considers that innovation in blockchain technologies presents a unique opportunity to improve the allocative efficiency of environmentally friendly energy by disrupting access to energy resources, supply chains and distribution facilities in the digital environment of the Internet of Things and channels of secure payment. Calls on the Commission to encourage these kind of initiatives and explore ways of promoting them as well as improving their regulatory framework with particular attention to a safe and secure financing and supply chain environment and less energy-demanding technologies;**

Or. en

**Amendment 156**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 18 a (new)**

*Motion for a resolution*

*Amendment*

**18a. Stresses the necessity to strengthen Europe's knowledge base, reduce fragmentation by promoting excellence in science and education, with a view to creating research centres at the international forefront of academic excellence; emphasis the need for developing a strategy which ensures that Europe attracts foreign talent while simultaneously maintaining relations with top European talent abroad; recognises that a qualified work force gives Europe a great advantage and is a major motor for developing investment in R&D&I;**

Or. en

**Amendment 157**

**Rupert Matthews, Nikolay Barekov**

**Motion for a resolution**

**Paragraph 18 a (new)**

*Motion for a resolution*

*Amendment*

**18a. Acknowledges the household, including personal vehicles, as an important target for clean energy innovation and emphasises the potential benefits in terms of reduced emissions and bills;**

Or. en

**Amendment 158**

**Dario Tamburrano, David Borrelli, Rosa D'Amato**

**Motion for a resolution**  
**Paragraph 18 a (new)**

*Motion for a resolution*

*Amendment*

**18a. Is convinced of the long-term innovation potential and value to the energy market, environment and society of local energy communities, renewable energy communities and renewable self-consumers;**

Or. en

**Amendment 159**  
**Dario Tamburrano, David Borrelli, Rosa D'Amato**

**Motion for a resolution**  
**Paragraph 18 b (new)**

*Motion for a resolution*

*Amendment*

**18b. Believes that the Commission should develop a study on blockchain and distributed ledger technologies, assessing their potential in terms of decarbonisation, decentralisation, digitisation and disintermediation of energy exchanges; the study should also map the current and prospected application of distributed ledger technologies as potential enabler for citizens' activation in the energy sector, and identify the key barriers for a wider uptake of these technologies addressing costs, scalability, technological development and environmental impact; highlights in this context the importance of initiatives such as the JRC-driven platform “Blockchain4EU” or the Energy Innovation Inducement Prize and calls to develop more initiatives to analyse the application of foresight and breakthrough innovation of this kind; calls on the Commission to explore and assess the barriers to the peer-to-peer trading of**

*energy using innovative online platforms and to address those barriers in a EU-wide action plan;*

Or. en

#### **Amendment 160**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

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

##### **Paragraph 19**

##### *Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

##### *Amendment*

19. ***Recognises the importance of a fully democratic involvement of European citizens and communities, as an essential tool to a successful energy transition;*** recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of ***self-generation, demand response and*** cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

Or. en

#### **Amendment 161**

**Gesine Meissner, Pavel Telička, Dominique Riquet, Fredrick Federley, Lieve Wierinck**

**Motion for a resolution**  
**Paragraph 19**

*Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

*Amendment*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations; ***however, the effective implementation of this transformation can only happen if the internal energy market is an open, transparent and level-playing field characterised by fair competition;***

Or. en

**Amendment 162**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 19**

*Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage

*Amendment*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage



in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive **and accessible** information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets **and crowd-funding** for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

Or. en

**Amendment 163**  
**Christelle Lechevalier**

**Motion for a resolution**  
**Paragraph 19**

*Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, **EU-supported awareness campaigns**, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax

*Amendment*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by

and investment incentives, as well as by steering technological solutions and innovations;

steering technological solutions and innovations;

Or. fr

**Amendment 164**  
**Francesc Gambús**

**Motion for a resolution**  
**Paragraph 19**

*Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

*Amendment*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, **regions**, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

Or. es

**Amendment 165**  
**Peter Kouroumbashev, Zigmantas Balčytis, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

**Motion for a resolution**  
**Paragraph 19**

*Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a **guiding** role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

*Amendment*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a **more empowered** role; calls on the Commission, the Member States, local authorities and the private sector to promote conscious consumer choices and energy-related citizens' engagement through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

Or. en

**Amendment 166**  
**Nikolay Barekov**

**Motion for a resolution**  
**Paragraph 19**

*Motion for a resolution*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote **conscious** consumer choices and energy-related citizens' engagement

*Amendment*

19. Recognises the need for systemic education and engagement schemes designed to enable society to fully engage in the transformation of the energy system and enable Europeans of all ages to gradually progress from awareness and understanding to active involvement and taking a guiding role; calls on the Commission, the Member States, local authorities and the private sector to promote **the informed** consumer choices and energy-related citizens' engagement

through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

through, inter alia, EU-supported awareness campaigns, comprehensive information on energy bills and price comparison tools, the promotion of cooperative sharing schemes, participatory budgets for energy-related investments, tax and investment incentives, as well as by steering technological solutions and innovations;

Or. en

#### **Amendment 167**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

#### **Motion for a resolution Paragraph 19 a (new)**

*Motion for a resolution*

*Amendment*

***19a. Believes that innovation in clean energy will contribute to providing affordable energy supply to European consumers by helping them to enjoy lower energy tariffs, more control over their energy consumption and production and less energy-consuming products and services. Calls on the European Commission to identify the best innovative practices among Member States and other authorities that contribute to putting end to energy poverty;***

Or. en

#### **Amendment 168**

**Xabier Benito Ziluaga, Neoklis Sylikiotis, Marisa Matias**

#### **Motion for a resolution Paragraph 19 a (new)**

**19a.** *Believes that regions and cities have a crucial role to play in enhancing sustainable energy models; calls the Commission and Member States to include them, together with civil society, in the dialogue for elaboration and implementation of the energetic transition;*

Or. en

**Amendment 169**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

**Motion for a resolution  
Paragraph 19 b (new)**

**19b.** *Believes in the potential of innovation in clean energies and energy efficiency in creating new and better jobs. Considers that in order to manage a successful transition to a sustainable decarbonised economy, there is a need to ensure that labour markets can respond adequately to new demands of innovative clean energy systems. Call on the Commission to pay more attention in its R&D initiatives to the link between innovation in energy systems and new professional profiles, education needs, new jobs and training requirements;*

Or. en

**Amendment 170**

**Jakop Dalunde, Claude Turmes, Reinhard Bütikofer, Dario Tamburrano, Benedek Jávor, Xabier Benito Ziluaga, Edouard Martin, Florent Marcellesi, Yannick Jadot, Cornelia Ernst, Kathleen Van Brempt**

**Motion for a resolution**  
**Paragraph 20**

*Motion for a resolution*

20. Urges the Commission and the Member States to assist EU regions in taking coordinated steps to incentivise energy innovation at local and trans-regional level with the aim of developing coherent strategies;

*Amendment*

20. Urges the Commission and the Member States to assist EU regions in taking coordinated steps to incentivise energy innovation at local and trans-regional level with the aim of developing coherent strategies; *stresses that particular focus should be put on regions faced with the challenges of phasing-out lignite and coal generation and mining industries; underlines the need for assisting them in the development of inclusive, local just transition strategies and addressing societal, socio-economic and environmental impacts along with the reconversion of sites; inclusive stakeholder processes should develop how best to attract alternative new and innovative businesses and start-ups or industries with the aim of building a sustainable regional economy and boost peoples' dignity, and to replace electricity generation capacity with renewables or energy efficiency solutions; calls for research and innovation policies to focus on how to revitalise concerned regions in terms of sustainable employment and growth perspectives, in particular where retiring lignite or coal-generating capacity is linked to mining activities;*

Or. en

**Amendment 171**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Łybacka, Adam Gierek**

**Motion for a resolution**  
**Paragraph 20**

*Motion for a resolution*

20. Urges the Commission and the Member States to assist **EU regions** in taking coordinated steps to incentivise energy innovation at local and trans-regional level with the aim of developing coherent strategies;

*Amendment*

20. Urges the Commission and the Member States to assist **national authorities including regional and local authorities** in taking coordinated steps to incentivise energy innovation at local and trans-regional level with the aim of developing coherent strategies; ***calls on the Commission to assist accelerating the empowerment of local and regional authorities, to expedite the deployment of clean energy-related innovation, such as e-mobility and smart grids, but also depending on their level of maturity when it comes to the penetration of renewables in their energy system, and the challenges they are facing when attempting to push the energy transition further, such as citizens' engagement; encourages the exchange of best practices, pooling of investments and better assessment of the bankability of projects and development of financing strategies, such as business cases, use of public procurement and loans;***

Or. en

**Amendment 172**

**Eva Kaili**

**Motion for a resolution**

**Paragraph 20**

*Motion for a resolution*

20. Urges the Commission and the Member States to assist EU regions in taking coordinated steps to ***incentivise*** energy innovation at local and trans-regional level with the aim of developing coherent strategies;

*Amendment*

20. Urges the Commission and the Member States to assist EU regions in taking coordinated steps to ***incentivize*** energy innovation at local and trans-regional level with the aim of developing coherent strategies; ***including the establishment of smart cities, and local renewables-based grid-connected microgrids;***

**Amendment 173**  
**Christelle Lechevalier**

**Motion for a resolution**  
**Paragraph 20**

*Motion for a resolution*

20. Urges the Commission and the Member States to assist EU regions in taking coordinated steps to incentivise energy innovation at local and **trans-regional** level with the aim of developing coherent strategies;

*Amendment*

20. Urges the Commission and the Member States to assist EU regions in taking coordinated steps to incentivise energy innovation at local, **national** and **inter-state** level with the aim of developing coherent strategies;

Or. fr

**Amendment 174**  
**Jakop Dalunde**  
on behalf of the Verts/ALE Group

**Motion for a resolution**  
**Paragraph 20 a (new)**

*Motion for a resolution*

*Amendment*

***20a. Recognises the vital role of regions, cities and towns in promoting ownership of the energy transition and in pushing climate and energy-related innovation from below; notes that regions and urban areas are most suitable for testing and implementing integrated solutions in direct connection to citizens; underlines in this respect the importance of fora, such as the Covenant of Mayors with its aspiration to go global and to foster the exchange of best practice and possible pooling of resources and investments; stresses the need for reinforced financial support for programmes, such as the H2020Smart and Sustainable Cities or Smart City Initiative, the development of Sustainable***



*Urban Mobility Plans (SUMPs); considers ‘the 100%renewable energy city’ to be an inspiring mission for FP9; notes that rural areas also provide space for innovation overcoming challenges, such as remoteness or demographic change and the development of new services, which should be further exploited;*

Or. en

**Amendment 175**

**Peter Kouroumbashev, Zigmantas Balčytis, Miroslav Poche, Carlos Zorrinho, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Dan Nica, Martina Werner, Miapetra Kumpula-Natri, Kathleen Van Brempt, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

**Motion for a resolution  
Paragraph 20 a (new)**

*Motion for a resolution*

*Amendment*

*20a. Believes that the transport sector holds enormous potential and should play a vital role in the transition and encourages the Commission to support existing funding for electric vehicles infrastructure deployment; calls on the Commission to continue support and develop further initiatives such as the Europe-wide electromobility initiative and the Fuel Cells and Hydrogen Joint Undertaking;*

Or. en

**Amendment 176**

**Eva Kaili**

**Motion for a resolution  
Paragraph 20 a (new)**

*Motion for a resolution*

*Amendment*

***20a. Welcomes the importance given to community-based energy trading schemes within the Energy Innovation Inducement Prize; recommends that this should be extended to all peer-to-peer electricity trading platforms; encourages the Commission to assess the barriers to the peer-to-peer trading of energy using innovative online platforms and take steps to address those barriers.***

Or. en

**Amendment 177**

**Peter Kouroumbashev, Zigmantas Balčytis, Edouard Martin, José Blanco López, Inmaculada Rodríguez-Piñero Fernández, Martina Werner, Dan Nica, Miapetra Kumpula-Natri, Theresa Griffin, Krystyna Lybacka, Adam Gierek**

**Motion for a resolution  
Paragraph 20 b (new)**

*Motion for a resolution*

*Amendment*

***20b. Encourages the Commission to recognise the benefits of hydrogen mobility, as well as the sectorial coupling between the transport and the electricity sector and to create incentives for new business models in this direction, such as smart charging and vehicle to grid triggers, which would allow the owners of electric vehicles to sell flexibility to the power system; calls on the Commission to ensure financing of innovation aiming at development of hydrogen storage solution, advanced long-term storage solutions for electric vehicles, development of hydrogen charging infrastructure, as well as infrastructure and plug-in solutions, including charging infrastructure for electric vehicles; Encourages Member States and local authorities to take further initiatives such as fiscal incentives on market penetration of electric and hydrogen vehicles, on tax reductions and exemptions for the owners of electric and hydrogen vehicles, as well as divers***

*initiatives in relation to the promotion of electric vehicles use such as price reductions, bonus payments and premiums for the buyers of electric vehicles, and creation of free parking spaces for electric vehicles;*

Or. en

**Amendment 178**

**Jakop Dalunde**

on behalf of the Verts/ALE Group

**Motion for a resolution**

**Paragraph 20 b (new)**

*Motion for a resolution*

*Amendment*

**20b.** *Believes that the Commission should conduct an initial assessment or review for the potential of blockchain distributed ledger technology in the energy field, drawing on any experience it has gained in the regulation of blockchain in fintech, to ensure that the opportunity of this potentially transformational technology is fully realised and that Europe is if necessary ready to be at the forefront of this new trend;*

Or. en