



2023/2109(INI)

26.9.2023

AMENDMENTS

1 - 303

Draft report
Franc Bogovič
(PE751.739v01-00)

Small modular reactors
((2023/2109(INI)))

Amendment 1
Franc Bogovič

Motion for a resolution
Citation 24 a (new)

Motion for a resolution

Amendment

- ***having regard to the Nuclear Illustrative Programme (PINIC) (COM(2017) 237 final) released in May 2017,***

Or. en

Amendment 2
Franc Bogovič

Motion for a resolution
Citation 24 b (new)

Motion for a resolution

Amendment

- ***having regard to the conclusions of the European Nuclear Energy Forum in 2022 which highlights the contribution of nuclear energy for the security of supply of the EU and in the fight against climate change,***

Or. en

Amendment 3
Franc Bogovič

Motion for a resolution
Citation 24 c (new)

Motion for a resolution

Amendment

- ***having regard to the Nuclear Alliance's joint statement of 16 May 2023,***

Or. en

Amendment 4
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Citation 25

Motion for a resolution

Amendment

– *having regard to the proposal for a European small modular reactor partnership, resulting from the first EU workshop on small modular reactors, organised by the Commission on 29 June 2021,* *deleted*

Or. en

Amendment 5
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Citation 26

Motion for a resolution

Amendment

– *having regard to the Commission's high-level nuclear roundtable held on 15 March 2022,* *deleted*

Or. en

Amendment 6
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Citation 27 a (new)

Motion for a resolution

Amendment

– *having regards to the report of the French Energy Regulatory Commission of 27 July 2023 on the costs of nuclear*

power plants;

Or. en

Amendment 7
Sara Skyttedal, Tomas Tobé

Motion for a resolution
Citation 29 a (new)

Motion for a resolution

Amendment

– *having regard to the DG ENERGY report of 9 October 2019 entitled ‘Benchmarking of nuclear technical requirements against WENRA safety reference levels, EU regulatory framework and IAEA standards’ (ENER/D2/2016-677);*

Or. en

Amendment 8
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Citation 30

Motion for a resolution

Amendment

– *having regard to the report of the Committee on Industry, Research and Energy (A9-0000/2023),*

deleted

Or. en

Amendment 9
Pernille Weiss

Motion for a resolution
Citation 30 a (new)

Motion for a resolution

Amendment

- ***having regard to the conclusions of the European Nuclear Energy Forum in 2022 which highlights the contribution of nuclear energy for the security of supply of the EU and the fight against climate change***

Or. en

Amendment 10
Robert Roos

Motion for a resolution
Citation 30 a (new)

Motion for a resolution

Amendment

- ***having regard to the report on 'World Energy Scenarios' by the World Energy Council^{1a}***

1a

https://www.worldenergy.org/assets/downloads/World-Energy-Scenarios-2016_Full-Report.pdf

Or. en

Amendment 11
Robert Roos

Motion for a resolution
Citation 30 b (new)

Motion for a resolution

Amendment

- ***having regard to European Commission, STAFF WORKING DOCUMENT Accompanying the Communication from the Commission: Nuclear Illustrative Programme presented under Article 40 of the Euratom Treaty - Final (after opinion of the European***

Amendment 12

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital A

Motion for a resolution

A. whereas the EU is a party to the Paris Agreement and has committed to reducing greenhouse gas emissions by at least 55 % by 2030 compared to 1990 levels and to achieving climate neutrality by 2050;

Amendment

A. whereas the EU is a party to the Paris Agreement and has committed to reducing *net* greenhouse gas emissions by at least 55 % by 2030 compared to 1990 levels and to achieving climate neutrality by 2050 *at the latest*;

Amendment 13

Robert Roos

Motion for a resolution

Recital A a (new)

Motion for a resolution

Amendment

Aa. whereas global energy demand is expected to increase by 30% by 2040, as of IEA New Policies Scenario; whereas demand for electricity might double by 2060 according to the World Energy Council;

Amendment 14

Ivars Ijabs, Morten Løkkegaard, Asger Christensen, Erik Poulsen, Andreas Glueck, Nicola Beer

Motion for a resolution

Recital A a (new)

Motion for a resolution

Amendment

Aa. (new) whereas the EU will experience increasing demand for electricity in achieving the green transition;

Or. en

Amendment 15

Robert Roos

Motion for a resolution

Recital A b (new)

Motion for a resolution

Amendment

Ab. whereas, according to the European Commission, the EU needs to double its electricity production in order to keep up with the energy transition which includes the electrification of sectors such as heating, cooling, and transportation;

Or. en

Amendment 16

Robert Roos

Motion for a resolution

Recital B

Motion for a resolution

Amendment

B. whereas the EU must mitigate its own risks of external dependence in terms of energy supplies;

B. whereas there has been a notable evolution in the energy policy debate after the 2022 energy crisis, shifting from a previous emphasis solely on the rapid deployment of renewables towards a more comprehensive energy transition approach that also underscores the importance of energy security; and whereas the EU, in light of these

developments, must mitigate its own risks of external dependence in terms of energy supplies;

Or. en

Amendment 17
Franc Bogovič

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the **EU** must mitigate its own risks of external dependence in terms of energy supplies;

Amendment

B. whereas the **European Union** must mitigate its own risks of external dependence in terms of energy supplies, **as well as with regard to energy resources and components of the supply chain of energy systems, especially since Russian war against Ukraine has shown the European vulnerability in this sphere**;

Or. en

Amendment 18
Tomas Tobé, Sara Skytvedal

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the EU must mitigate its own risks of external dependence in terms of energy supplies;

Amendment

B. **whereas Russia's war of aggression in Ukraine has shown vulnerabilities in the European Union energy system**, whereas the EU must mitigate its own risks of external dependence in terms of energy supplies **and move towards a self-sufficient energy system**;

Or. en

Amendment 19

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Recital B

Motion for a resolution

B. whereas the EU must mitigate its own risks of external dependence in terms of energy supplies;

Amendment

B. whereas the EU must mitigate its own risks of external dependence, ***ensure its strategic autonomy and enhance its supply chain resilience*** in terms of energy supplies;

Or. en

Amendment 20

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital B

Motion for a resolution

B. whereas the EU must mitigate its ***own*** risks of external dependence in terms of energy supplies;

Amendment

B. whereas the EU must mitigate its risks of external dependence in terms of energy supplies, ***including on supply of fuels for nuclear power plants***;

Or. en

Amendment 21

Franc Bogovič

Motion for a resolution

Recital B a (new)

Motion for a resolution

Amendment

Ba. whereas the EU should further explore the relationship between the land use intensity of electricity and lifecycle GHG emissions in its energy system modeling; whereas such an approach will

not only benefit energy security but also leave more land for other competing uses, environmental connectivity and ecosystem protection;

Or. en

Amendment 22
Robert Roos

Motion for a resolution
Recital B a (new)

Motion for a resolution

Amendment

Ba. *whereas nuclear is anticipated to be an integral part of the future energy mix, according to both the Intergovernmental Panel on Climate Change (IPCC) and the International Energy Agency (IEA);*

Or. en

Amendment 23
Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution
Recital B a (new)

Motion for a resolution

Amendment

Ba. *Whereas the EU energy mix and future electricity market shall ensure constant, reliable and carbon-free power to EU industries and citizens;*

Or. en

Amendment 24
Sara Skyttedal, Tomas Tobé

Motion for a resolution

Recital B a (new)

Motion for a resolution

Amendment

Ba. *whereas nuclear energy is zero-emission energy and nuclear technologies do not contribute to climate change;*

Or. en

Amendment 25

Robert Roos

Motion for a resolution

Recital B b (new)

Motion for a resolution

Amendment

Bb. *whereas, in light of the anticipated high future demand for electricity, it is prudent to consider the extension of the operational lifetimes of existing nuclear power facilities;*

Or. en

Amendment 26

Franc Bogovič

Motion for a resolution

Recital B b (new)

Motion for a resolution

Amendment

Bb. *whereas nuclear power is a zero-emission clean energy source, which has the potential to significantly contribute to the EU's climate goals;*

Or. en

Amendment 27

Sara Skyttedal, Tomas Tobé

Motion for a resolution
Recital B b (new)

Motion for a resolution

Amendment

Bb. whereas energy demand exceeds supply in the Union, which as a consequence faces an energy crisis;

Or. en

Amendment 28
Robert Roos

Motion for a resolution
Recital B c (new)

Motion for a resolution

Amendment

Bc. whereas nuclear energy contributes to improving the dimension of energy security , since: a. fuel and operating costs are relatively low and stable; b. it can generate electricity continuously for extended periods; and c. it can make a positive contribution to the stable functioning of electricity systems (e.g. maintaining grid frequency);

Or. en

Amendment 29
Robert Roos

Motion for a resolution
Recital B d (new)

Motion for a resolution

Amendment

Bd. whereas in certain Member States, available land resources are limited; and whereas nuclear power is an extremely dense source of energy resulting into approximately 150 to 500 times more electricity per square kilometre than wind and solar energy sources;

Amendment 30

Robert Roos

Motion for a resolution

Recital B e (new)

Motion for a resolution

Amendment

Be. ***whereas a phase-out of fossil fuels for power generation in the EU cannot be successful by deploying renewables and phasing out nuclear, due to the necessity of a back-up system for intermittent renewable electricity generation;***

Or. en

Amendment 31

Robert Roos

Motion for a resolution

Recital B f (new)

Motion for a resolution

Amendment

Bf. ***whereas nuclear energy is devoid of air pollution;***

Or. en

Amendment 32

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Recital C

Motion for a resolution

Amendment

C. **whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway**

C. **whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway**

towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, industrial heat, hydrogen generation **and** district heating;

towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, industrial heat, **hard-to-abate industries decarbonisation**, hydrogen generation, district heating, **cooling and water desalination**;

Or. en

Amendment 33
Franc Bogovič

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, industrial **heat, hydrogen generation** and district heating;

Amendment

C. whereas the innovative developments in nuclear power technology, particularly Small Modular Reactors (SMRs) represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, **heat for industrial processes** and district heating **and cooling, hydrogen generation, and water desalination**;

Or. en

Amendment 34
Tomas Tobé, Sara Skyttedal

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity

Amendment

C. whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity

production, industrial heat, hydrogen generation and district heating;

production, industrial heat, hydrogen generation and district heating *as well as stability in Europe's power grid* ;

Or. en

Amendment 35

Pernille Weiss

Motion for a resolution

Recital C

Motion for a resolution

C. whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, industrial **heat**, hydrogen generation and district heating;

Amendment

C. whereas the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, **heat for industrial processes**, hydrogen generation and district heating;

Or. en

Amendment 36

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital C

Motion for a resolution

C. whereas ***the innovative developments in nuclear power technology, particularly small modular reactors (SMRs), represent a promising pathway towards achieving the Union's energy and climate objectives and offer considerable opportunities in terms of electricity production, industrial heat, hydrogen generation and district heating;***

Amendment

C. whereas, ***the 100 nuclear power reactors, operating in 12 of the 27 EU member states account for about one-quarter of the electricity generated in the whole of the EU but no Member State has small modular reactors operational yet; whereas over half of the EU's nuclear electricity is produced in one Member State only (France);***

Or. en

Amendment 37
Robert Roos

Motion for a resolution
Recital C a (new)

Motion for a resolution

Amendment

Ca. whereas nuclear power plants can be sited at the same sites where fossil fuel-fired power plants are located, and require approximately the same area as such plants, which implies savings on infrastructure to connect to the network;

Or. en

Amendment 38
Franc Bogovič

Motion for a resolution
Recital C a (new)

Motion for a resolution

Amendment

Ca. whereas, Small modular reactors (SMRs) are nuclear reactors in a range of power typically between 10 and 300 MW, and designed to be built in factories in a standardised modular form;

Or. en

Amendment 39
Franc Bogovič

Motion for a resolution
Recital C b (new)

Motion for a resolution

Amendment

Cb. whereas many of the benefits of SMRs are inherently linked to the nature of their design (small and modular): integral designs, inherent safety, lower

core inventories, improved modularisation and manufacturability, enhanced flexibility; moreover they offer savings in cost and construction time, and they can be deployed incrementally to match increasing energy demand;

Or. en

Amendment 40
Robert Roos

Motion for a resolution
Recital C b (new)

Motion for a resolution

Amendment

Cb. whereas under the current EU and Member State policies, many benefits are extended to renewable energy, while they are not available to nuclear energy (direct and indirect subsidies; mandatory, guaranteed minimum share for renewable energy in the energy mix; procedures and rules related to grid access and operational processes; etc.);

Or. en

Amendment 41
Franc Bogovič

Motion for a resolution
Recital C c (new)

Motion for a resolution

Amendment

Cc. whereas specific climate and energy dialogues on SMRs could promote best practices and solutions, bring new business and collaboration opportunities and help Member States identify and reflect on possible gaps to implementation; whereas such dialogues can contribute to building the SMR business model further and present

solutions to decarbonise the industry;

Or. en

Amendment 42

Franc Bogovič

Motion for a resolution

Recital C d (new)

Motion for a resolution

Amendment

Cd. whereas further EU efforts should be made to evaluate and capture the future contributions of SMRs to the EU's power system reliability;

Or. en

Amendment 43

Pernille Weiss

Motion for a resolution

Recital D

Motion for a resolution

Amendment

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for enhanced safety and security compared to earlier designs;

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for enhanced safety and security compared to earlier designs ***benefits due to the use of novel cooling systems and fuels which offer new functionality, including inherent safety, simpler build, more efficient operation, higher outlet temperatures, reduced waste volumes and improved operational economics;***

Or. en

Amendment 44

Franc Bogovič

Motion for a resolution

Recital D

Motion for a resolution

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for *enhanced* safety and security *compared to earlier designs*;

Amendment

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for *inherent* safety and security *features, while benefiting from feedback from existing large power reactors, as well as for a more sustainable waste management offered by some technologies*;

Or. en

Amendment 45

François-Xavier Bellamy

Motion for a resolution

Recital D

Motion for a resolution

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for enhanced safety and security compared to earlier designs;

Amendment

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors *such as Overseas Countries and Territories of the European Union, allowing them to achieve their energetic autonomy*, and now have the potential for enhanced safety and security compared to earlier designs;

Or. en

Amendment 46

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Recital D

Motion for a resolution

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for enhanced safety and security compared to earlier designs;

Amendment

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for enhanced safety and security ***and more sustainable waste management*** compared to earlier designs, ***while also benefitting from feedback from existing large-power reactors***;

Or. en

Amendment 47

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital D

Motion for a resolution

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations ***unable to accommodate more traditional larger reactors, and now have the potential for enhanced*** safety and security ***compared to earlier designs***;

Amendment

D. whereas SMRs ***is deemed to*** offer a lower initial capital investment ***but its economic competitiveness is still to be proven according to the IAEA***; whereas greater scalability and siting flexibility for locations ***depend on a number of factors which are mostly subject to national regulation***; whereas safety and security requirements ***should remain high for SMRs***;

Or. en

Amendment 48

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Recital D

Motion for a resolution

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for **enhanced** safety and security compared to earlier designs;

Amendment

D. whereas SMRs offer a lower initial capital investment, greater scalability and siting flexibility for locations unable to accommodate more traditional larger reactors, and now have the potential for **a high level of inherent** safety and security compared to earlier designs **as well as the improved waste management offered by certain technologies**;

Or. it

Amendment 49

Tomas Tobé, Sara Skyttedal

Motion for a resolution

Recital E

Motion for a resolution

E. whereas the deployment of SMRs can help drive economic growth, create jobs and contribute to the EU's global competitiveness in this rapidly developing sphere of technology;

Amendment

E. whereas the deployment of SMRs can help drive economic growth, create jobs and contribute to the EU's global competitiveness **as well as make EU a continent for investments** in this rapidly developing sphere of technology;

Or. en

Amendment 50

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital E

Motion for a resolution

E. whereas the deployment of SMRs **can help drive** economic growth, **create jobs and contribute to** the EU's global competitiveness **in this rapidly developing sphere of technology**;

Amendment

E. whereas the deployment of SMRs **is not foreseen before early to mid-2030s at the earliest and its impact on** economic growth, **job creation and** the EU's global competitiveness **is difficult to predict in 2023**;

Amendment 51
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Recital E a (new)

Motion for a resolution

Amendment

Ea. Whereas there are currently only three SMRs operating in the world, including two in Russia that were launched nine years later than scheduled and with performance below expected standards; whereas the third SMR, operating in China, was only functional for a few hours in 2021 and whereas an additional project of adding 18 more units to it was abandoned because of increased costs;

Amendment 52
Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution
Recital E a (new)

Motion for a resolution

Amendment

Ea. Whereas EU competitors and trade partners are massively investing domestically and abroad to gain leadership in next generation nuclear; whereas continued R&D in nuclear energy provision will be decisive for the European nuclear industry to regain global leadership;

Amendment 53

Franc Bogovič

Motion for a resolution

Recital E a (new)

Motion for a resolution

Amendment

Ea. whereas to successfully commercialise SMRs in the next decade, Europe and its Member States will have to start proactively planning today; whereas investments will have to stepped up now if SMRs are to have a role in Europe's decarbonisation;

Or. en

Amendment 54

Franc Bogovič

Motion for a resolution

Recital E b (new)

Motion for a resolution

Amendment

Eb. whereas there is a growing interest for deploying SMR in the EU, involvement of fuel cycle actors should be considered since the early stage of the project;

Or. en

Amendment 55

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital F

Motion for a resolution

Amendment

F. whereas the Commission, in its declaration of 4 April 2023 on EU SMRs 2030, welcomed the collaborative efforts

F. whereas the Commission, in its declaration of 4 April 2023 on EU SMRs 2030, welcomed the collaborative efforts

of the European nuclear industry and scientific community to achieve the common goal of a modern, resource-efficient and competitive economy and recognised that nuclear, and particularly SMRs, can play an important role even beyond electricity production;

of the European nuclear industry and scientific community to achieve the common goal of a modern, resource-efficient and competitive economy and recognised that nuclear, and particularly SMRs, can play an important role even beyond electricity production ***if the significant committed funds to research, development and innovation on SMRs lead to concrete design solutions;***

Or. en

Amendment 56
Pernille Weiss

Motion for a resolution
Recital F a (new)

Motion for a resolution

Amendment

Fa. Whereas nuclear power could provide up to 150 GW of installed capacity by 2050 to the European Union and, taking into account retirements, the nuclear energy sector would contribute directly and indirectly to 450,000 employees in the EU over the next 30 years, including 200,000 highly skilled people, according to the Nuclear Alliance;

Or. en

Amendment 57
Sara Skyttedal, Tomas Tobé

Motion for a resolution
Recital F a (new)

Motion for a resolution

Amendment

Fa. whereas modern nuclear power is distinguished by a high degree of safety;

Or. en

Amendment 58

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Recital G

Motion for a resolution

G. whereas the Commission has emphasised that nuclear and radiation protection expertise is needed across the Member States to ensure the safety, security and safeguarding of existing and future nuclear power plants, ***including SMRs, industrial and medical applications and space exploration initiatives***;

Amendment

G. whereas the Commission has emphasised that nuclear and radiation protection expertise is needed across the Member States to ensure the safety, security and safeguarding of existing and future nuclear power plants;

Or. en

Amendment 59

Franc Bogovič

Motion for a resolution

Recital G a (new)

Motion for a resolution

Ga. whereas the Nuclear Alliance in its declaration on May 16, 2023, recognised that nuclear, including SMRs, could contribute up to 150 GW of electricity capacity by 2050, with the aim of maintaining the current 25% share of electricity production in the EU;

Amendment

Or. en

Amendment 60

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Recital G a (new)

Motion for a resolution

Amendment

Ga. Whereas the deployment of SMRs can largely contribute to the decarbonisation of hard-to-abate industries;

Or. en

Amendment 61

Robert Roos

Motion for a resolution

Recital G a (new)

Motion for a resolution

Amendment

Ga. whereas nothing in the EIB's statutes prevents it from financing nuclear technology and infrastructure,

Or. en

Amendment 62

Franc Bogovič

Motion for a resolution

Recital G b (new)

Motion for a resolution

Amendment

Gb. whereas the deployment of SMR can largely contribute to the decarbonisation of hard-to-abate industries;

Or. en

Amendment 63

Johan Nissinen

Motion for a resolution

Paragraph 1

Motion for a resolution

1. Welcomes the Commission declaration on EU SMRs 2030, which emphasises the role of research, innovation, education and training in the safety of SMRs in the EU and the need for all sectors to contribute to the transformation of the EU's economy to achieve climate neutrality, energy security and strategic autonomy;

Amendment

1. Welcomes the Commission declaration on EU SMRs 2030, which emphasises the role of research, innovation, education and training in the safety of SMRs in the EU and the need for all sectors to contribute to the transformation of the EU's economy to achieve climate neutrality, energy security and strategic autonomy. ***Calls for a new comprehensive strategy on the use of nuclear energy and SMRs for the EU, in order to promote nuclear energy in the same way as renewable energy projects;***

Or. en

Amendment 64

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 1

Motion for a resolution

1. ***Welcomes*** the Commission declaration on EU SMRs 2030, which emphasises the role of research, innovation, education and training in the safety of SMRs in the EU and the need for all sectors to contribute to the transformation of the EU's economy to achieve climate neutrality, energy security and strategic autonomy;

Amendment

1. ***Notes*** the Commission declaration on EU SMRs 2030, which emphasises the role of research, innovation, education and training in the safety of SMRs in the EU and the need for all sectors to contribute to the transformation of the EU's economy to achieve climate neutrality, energy security and strategic autonomy;

Or. en

Amendment 65

Franc Bogovič

Motion for a resolution

Paragraph 1 a (new)

Motion for a resolution

Amendment

1a. *Acknowledges that the climate crisis is too complex a challenge, and the stakes too high to limit the tools to solve it; believes that the EU should focus on a range of solutions, including low-carbon energy supplies, to amplify its chances to reaching net zero by 2050;*

Or. en

Amendment 66
Franc Bogovič

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Underlines the potential of nuclear power and SMRs *in contributing to the EU's clean energy goals*;

Amendment

2. Underlines the potential of nuclear power and SMRs to *provide the EU with a reliable and on-demand supply of electricity while achieving the goal of net zero; recognises the need for continued research and development in this area to ensure the safety, efficiency, and cost-effectiveness of these technologies*;

Or. en

Amendment 67
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Underlines *the potential of* nuclear power *and SMRs in contributing to the EU's clean energy goals*;

Amendment

2. Underlines *that nuclear energy use is declining globally and that new nuclear power plants, including SMRs, won't be available in the EU before early to mid 2030s at best and therefore are unlikely to*

contribute to EU's commitments to reduce greenhouse gas emissions by 2030;

Or. en

Amendment 68

Sara Skyttedal, Tomas Tobé

Motion for a resolution

Paragraph 2

Motion for a resolution

2. Underlines the potential of nuclear power and SMRs in contributing to the EU's clean energy goals;

Amendment

2. Underlines *that nuclear energy is reliable, cheap, and clean, also in the sense that there is minimal waste from modern nuclear processes, and highlights* the potential of nuclear power and SMRs in contributing to the EU's clean energy goals;

Or. en

Amendment 69

Dominique Riquet, Christophe Grudler

Motion for a resolution

Paragraph 2

Motion for a resolution

2. Underlines the potential of nuclear power and SMRs in contributing to the EU's clean energy goals;

Amendment

2. Underlines the potential of nuclear power and SMRs in contributing to the EU's clean energy goals *and in accompanying the transition towards a climate neutral economy;*

Or. en

Amendment 70

Robert Roos

Motion for a resolution

Paragraph 2

Motion for a resolution

2. Underlines the potential of nuclear power **and** SMRs in contributing to the EU's clean energy goals;

Amendment

2. Underlines the potential of nuclear **energy including large scale nuclear power reactors as well as** SMRs in contributing to the EU's clean energy goals;

Or. en

Amendment 71

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

**Motion for a resolution
Paragraph 2**

Motion for a resolution

2. Underlines the **potential** of nuclear power **and SMRs in contributing to** the EU's **clean energy goals**;

Amendment

2. Underlines the **indispensable role** of nuclear power **in reaching** the EU's **climate goals, as well as enhancing the energy independence of the EU**;

Or. en

Amendment 72

François-Xavier Bellamy

**Motion for a resolution
Paragraph 2**

Motion for a resolution

2. Underlines the potential of nuclear power **and SMRs** in contributing to the EU's clean energy goals;

Amendment

2. Underlines the potential of nuclear power, **through SMRs and high-power generators**, in contributing to the EU's clean energy goals;

Or. en

Amendment 73

Tomas Tobé, Sara Skyttedal

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Underlines the potential of nuclear power and SMRs in contributing to the EU's clean energy goals;

Amendment

2. Underlines the potential of nuclear power and SMRs in contributing to the EU's clean energy **and climate** goals;

Or. en

Amendment 74
Dominique Riquet, Christophe Grudler

Motion for a resolution
Paragraph 2 a (new)

Motion for a resolution

Amendment

2a. Emphasises that SMRs represent a great potential for low-price energy production, given their limited construction costs and maintenance needs, while being less water-demanding for their cooling systems;

Or. en

Amendment 75
Tomas Tobé, Sara Skyttedal

Motion for a resolution
Paragraph 2 a (new)

Motion for a resolution

Amendment

2a. Underlines the importance of a robust and self-sufficient energy system in the EU, notes the potential SMRs can have in achieving this;

Or. en

Amendment 76
Robert Roos

Motion for a resolution
Paragraph 2 a (new)

Motion for a resolution

Amendment

2a. Calls for all low carbon power generation technologies to receive equal treatment by the EU in its energy and climate policies;

Or. en

Amendment 77
Robert Roos

Motion for a resolution
Paragraph 2 b (new)

Motion for a resolution

Amendment

2b. Calls for all open and hidden subsidies, direct and indirect, in cash or in kind, and other advantages for renewable energy (e.g. targets, priority rules, higher or guaranteed feed-in tariffs, subsidized infrastructure necessary for wind - especially on sea, deflated land use prices, etc.) to be eliminated, so that nuclear can compete on a level playing field;

Or. en

Amendment 78
Dominique Riquet, Christophe Grudler

Motion for a resolution
Paragraph 2 b (new)

Motion for a resolution

Amendment

2b. Underlines that SMRs constitute an opportunity for the EU to further diversify its energy production capacity;

Amendment 79

Robert Roos

Motion for a resolution

Paragraph 2 c (new)

Motion for a resolution

Amendment

2c. Urges the Commission to comprehensively evaluate the impact of all power generation technologies on various EU interests and policies, including but not limited to habitat and species protection, the pursuit of a toxic-free environment, clean air, agricultural policy, inflation etc.;

Or. en

Amendment 80

Dominique Riquet, Christophe Grudler

Motion for a resolution

Paragraph 2 c (new)

Motion for a resolution

Amendment

2c. Emphasises that nuclear power and SMRs are the most land-efficient energy sources (on average, per unit of electricity it needs 50 times less land compared to coal production; and 18 to 27 times less land than on-ground solar PV);

Or. en

Amendment 81

Dominique Riquet, Christophe Grudler

Motion for a resolution

Paragraph 2 d (new)

Motion for a resolution

Amendment

2d. Recognises that SMRs do not heavily depend on environmental or weather conditions and thus could be an efficient tool to better adapt to the volatile and increasing demand, while contributing to stabilize the grid;

Or. en

Amendment 82
Franc Bogovič

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors;

Amendment

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors; **Believes that such a strategy should pave the way to establishing clear guidelines for planning, permitting and timelines, regulation and safety; Urges the European Commission to fast track this Strategy with ambition and determination before the end of this legislative term, while respecting Member States right to choose their own energy mix;**

Or. en

Amendment 83
Johan Nissinen

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Calls for the development of a comprehensive strategy for the deployment

Amendment

3. Calls for the development of a comprehensive strategy for the deployment

of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors;

of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors **and to establish a clear path to adequately reflect the role of nuclear energy and SMRs in all of the Commissions communications and proposals;**

Or. en

Amendment 84
Tomas Tobé, Sara Skyttedal

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors;

Amendment

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors. **The strategy should be prioritized by the Commission in order to urgently attract investments to this sector;**

Or. en

Amendment 85
Robert Roos

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors;

Amendment

3. Calls for the development of a comprehensive strategy for the deployment of **nuclear power generation, including** SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors

Or. en

Amendment 86

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 3

Motion for a resolution

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors;

Amendment

3. Calls for the development of a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions, ***including remote and sparsely populated areas***, and sectors;

Or. en

Amendment 87

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 3

Motion for a resolution

3. Calls for the development of ***a comprehensive strategy for the deployment of SMRs in the EU, taking into account the specific needs and circumstances of different regions and sectors;***

Amendment

3. Calls for ***the Commission to analyse*** the development of ***SMRs outside the EU, including the costs and timelines of existing projects at early stage and those under construction;***

Or. en

Amendment 88

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 4

Motion for a resolution

Amendment

4. Acknowledges the socio-economic impacts arising from the deployment of SMRs in terms of highly qualified jobs and high added-value companies created in the EU;

deleted

Or. en

**Amendment 89
Pernille Weiss**

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

Motion for a resolution

Amendment

4a. Acknowledges the benefits of a hybrid energy system combining both nuclear power, including SMRs, and renewables to help significantly reduce greenhouse gas (GHG) emissions. SMRs are well-suited for completing an energy system, since they add flexibility and can be easily integrated alongside renewables.

Or. en

**Amendment 90
Franc Bogovič**

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

Motion for a resolution

Amendment

4a. Encourages the Commission and Member States to promote public awareness and understanding of the benefits of nuclear power and SMRs, and to ensure transparent and inclusive decision-making processes in this area;

Or. en

Amendment 91

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Subheading 1

Motion for a resolution

Amendment

The EU as a significant potential market
for SMRs

Potential market for SMRs?

Or. en

Amendment 92

Franc Bogovič

Motion for a resolution

Paragraph 5

Motion for a resolution

Amendment

5. Acknowledges that SMRs have the potential to play a significant role in replacing fossil fuels¹⁷ ;

5. Acknowledges that SMRs have the potential to play a significant role in ***decarbonising European industry, having the potential to provide a firm baseload of clean electricity, heat and steam for industry and households, as well as replacing fossil fuels¹⁷ as the baseload technology in Europe, especially by coal fired station retrofitting;***

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Or. en

Amendment 93

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoș Benea, Rovana Plumb, Dan Nica, Maria Grapini

Motion for a resolution

Paragraph 5

Motion for a resolution

5. ***Acknowledges that SMRs have*** the potential to play a significant role in replacing fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Amendment

5. ***Explore*** the potential ***role of SMRs*** to play a significant role in ***decarbonising the European industry, having the potential to provide a firm baseload of clean electricity, heat and steam for the industry and households, as well as*** replacing fossil fuels ***as the baseload technology in Europe***

Or. en

Amendment 94

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 5

Motion for a resolution

5. Acknowledges that SMRs ***have the potential to play a significant role*** in replacing fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Amendment

5. Acknowledges that SMRs ***are not foreseen as operational before mid-2030s and are not a competitive alternative*** in replacing fossil fuels ***in order to meet the Paris Agreement compared to renewable energies, deployable at large scale in the next decade***;

Or. en

Amendment 95

Nicola Beer, Andreas Glueck

Motion for a resolution

Paragraph 5

Motion for a resolution

5. Acknowledges that SMRs have the potential to play a significant role in replacing fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Amendment

5. Acknowledges that SMRs have the potential to play a significant role in replacing fossil fuels ***as well as outdated nuclear power plants***¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Or. en

Amendment 96

Robert Roos

Motion for a resolution

Paragraph 5

Motion for a resolution

5. Acknowledges that SMRs have the potential to play a significant role in replacing fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Amendment

5. Acknowledges that SMRs ***alongside large scale nuclear reactors*** have the potential to play a significant role in replacing fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Or. en

Amendment 97

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 5

Motion for a resolution

5. Acknowledges that SMRs have the potential to play a ***significant*** role in

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Amendment

5. Acknowledges that SMRs have the potential to play a ***crucial*** role in replacing

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replacing fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

fossil fuels¹⁷ ;

17

<https://ec.europa.eu/eusurvey/runner/EuropeanSMRPrePartnership>.

Or. en

Amendment 98
Robert Roos

Motion for a resolution
Paragraph 5 a (new)

Motion for a resolution

Amendment

5a. Encourages the use of SMRs for electricity production;

Or. en

Amendment 99
Franc Bogovič

Motion for a resolution
Paragraph 6

Motion for a resolution

Amendment

6. Encourages the use of SMRs for low-carbon hydrogen production;

6. Encourages the use of SMRs for low-carbon hydrogen production, ***both for its direct use in industry and for the production of sustainable synthetic fuels, as global hydrogen demand is expected to massively expand by 2050; Reminds that vast amounts of new electricity capacity is needed to ensure the required scale of hydrogen production to decarbonize European industry; Calls for all decarbonized energy carriers to be treated equally based on their carbon footprint;***

Or. en

Amendment 100

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 6

Motion for a resolution

6. *Encourages the use of SMRs for low-carbon hydrogen production;*

Amendment

6. *Reiterates the importance for the EU to invest as a priority in renewable hydrogen in order to produce 10 million tonnes of renewable hydrogen by 2030, as mentioned in the EU Hydrogen Strategy;*

Or. en

Amendment 101

Robert Roos

Motion for a resolution

Paragraph 6

Motion for a resolution

6. Encourages the use of SMRs for low-carbon hydrogen production;

Amendment

6. Encourages the use of SMRs for low-carbon hydrogen production; *reminds that vast amounts of new electricity generation capacity is needed to ensure the scale of hydrogen production envisaged by the EU; calls for all low carbon energy carriers to be treated equally;*

Or. en

Amendment 102

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoș Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 6

Motion for a resolution

6. Encourages the use of SMRs for

Amendment

6. Encourages the use of SMRs for

low-carbon hydrogen production;

low-carbon hydrogen production; ***Reminds that vast amounts of new electricity capacity is needed to ensure the required scale of hydrogen production to decarbonize EU.***

Or. en

Amendment 103

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 6

Motion for a resolution

6. Encourages the use of SMRs for low-carbon hydrogen production;

Amendment

6. Encourages the use of SMRs for low-carbon hydrogen production, ***as global hydrogen demand is expected to massively expand by 2050;***

Or. en

Amendment 104

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 7

Motion for a resolution

7. ***Recognises*** the potential role of SMRs for industrial heat production;

Amendment

7. ***Questions*** the potential role of SMRs for industrial heat production ***as advanced SMR technology, based on other coolants, first needs to lead to operational reactors in the future and there are still currently obstacles to operationability such as new manufacturing of fuels, the handling of waste and reprocessing facilities for recycled fuels;***

Or. en

Amendment 105

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 7

Motion for a resolution

7. Recognises the potential role of SMRs for industrial heat production;

Amendment

7. Recognises the potential role of SMRs for industrial heat production, ***in particular in hard-to-abate industries such as cement, pulp, chemical, and steel;***

Or. en

Amendment 106

Franc Bogovič

Motion for a resolution

Paragraph 7

Motion for a resolution

7. Recognises the potential role of SMRs for ***industrial*** heat production;

Amendment

7. Recognises the potential role of SMRs for heat ***and steam*** production ***for industrial processes;***

Or. en

Amendment 107

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoș Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 7

Motion for a resolution

7. Recognises the potential role of SMRs for industrial heat production;

Amendment

7. Recognises the potential role of SMRs for industrial heat ***and steam*** production;

Or. en

Amendment 108

Robert Roos

Motion for a resolution

Paragraph 7

Motion for a resolution

7. Recognises the potential role of SMRs for industrial heat production;

Amendment

7. Recognises the potential role of SMRs for industrial heat **and steam** production;

Or. en

Amendment 109

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 8

Motion for a resolution

8. *Acknowledges* the potential of SMRs for district heating;

Amendment

8. ***Explore*** the potential ***role*** of SMRs for district heating ***for heating and cooling supply need where other clean energy sources are not available. Reminds that heating and cooling constitute approximately half of all EU energy consumption, and majority of this is still covered by fossil fuels; Acknowledges that SMRs can provide decarbonized, low temperature heat to the district heating systems; Notes that SMRs can be designed to produce only heat and therefore operated at lower temperature and pressure.***

Or. en

Amendment 110

Franc Bogovič

Motion for a resolution

Paragraph 8

Motion for a resolution

8. Acknowledges the potential of SMRs for district heating;

Amendment

8. Acknowledges the potential of SMRs for district heating ***and cooling***; ***Reminds that heating and cooling constitute approximately half of all EU energy consumption, and majority of this is still covered by fossil fuels***; ***Acknowledges that SMRs can provide decarbonized, low temperature heat to the district heating systems***; ***Notes that SMRs can be designed to produce only heat and therefore operated at lower temperature and pressure***;

Or. en

Amendment 111

Robert Roos

Motion for a resolution

Paragraph 8

Motion for a resolution

8. Acknowledges the potential of SMRs for district heating;

Amendment

8. Acknowledges the potential of SMRs for district heating; ***reminds that heating and cooling constitute approximately half of all Unions energy consumption***; ***acknowledges that SMRs can provide low carbon, low temperature heat to the district heating systems***; ***notes that SMRs can be designed to produce only heat and therefore operated at lower temperature and pressure***;

Or. en

Amendment 112

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 8

Motion for a resolution

8. **Acknowledges** the potential of SMRs for district heating;

Amendment

8. **Questions** the potential of SMRs for district heating **as light water SMR technology first needs to achieve operational stage and the availability of grid connections and the necessary skills and experience in running these reactors remain a key issue in the possible development of SMRs;**

Or. en

Amendment 113

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 8

Motion for a resolution

8. Acknowledges the potential of SMRs for district heating;

Amendment

8. Acknowledges the potential of SMRs for district heating **and cooling; highlights that SMRs can provide decarbonized, low temperature heat to district heating systems;**

Or. en

Amendment 114

Pernille Weiss

Motion for a resolution

Paragraph 8 a (new)

Motion for a resolution

Amendment

8a. Acknowledges the European nuclear fuel supply chain as a strategic asset and the important role it will play in supporting the evolution of the next generation of reactor technology.

Or. en

Amendment 115

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

Motion for a resolution

Paragraph 8 a (new)

Motion for a resolution

Amendment

8a. Acknowledges the potential of SMRs for competitive and sustainable water desalination;

Or. en

Amendment 116

Franc Bogovič

Motion for a resolution

Paragraph 8 a (new)

Motion for a resolution

Amendment

8a. Acknowledges the potential of SMRs for water desalination;

Or. en

Amendment 117

Tomas Tobé, Sara Skytvedal

Motion for a resolution

Paragraph 8 a (new)

Motion for a resolution

Amendment

8a. Acknowledges the potential SMRs can have for rural areas;

Or. en

Amendment 118

Franc Bogovič

Motion for a resolution
Paragraph 8 b (new)

Motion for a resolution

Amendment

8b. Recognises the potential role of SMRs for electrical production increment and grid stabilisation in the context of renewable energy penetration;

Or. en

Amendment 119
Tomas Tobé, Sara Skyttedal

Motion for a resolution
Paragraph 8 b (new)

Motion for a resolution

Amendment

8b. Acknowledges the potential SMRs can have for communities that are lacking connection to the electricity grid;

Or. en

Amendment 120
Franc Bogovič

Motion for a resolution
Paragraph 8 c (new)

Motion for a resolution

Amendment

8c. Emphasises that the internal competition around SMR is intense with strong political and commercial initiatives already launched;

Or. en

Amendment 121
Franc Bogovič

Motion for a resolution
Paragraph 8 d (new)

Motion for a resolution

Amendment

8d. *Notes that the contribution of SMRs to the European energy independence is highly dependent on the location of their value chain on European territory;*

Or. en

Amendment 122
Johan Nissinen

Motion for a resolution
Paragraph 9

Motion for a resolution

Amendment

9. Emphasises that so far, no SMRs have been commercially operated in the world, but that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; stresses that the EU should therefore not get left behind in the global race for leadership in the future SMR market;

9. Emphasises that so far, no SMRs have been commercially operated in the world, but that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; stresses that the EU should therefore not get left behind in the global race for leadership in the future SMR market. ***Not least the increasing number of EU countries relaunching projects for large-scale reactors, small modular reactors, or research projects on their own soil, justify the need to put nuclear and renewable projects on an equal footing;***

Or. en

Amendment 123
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 9

Motion for a resolution

9. Emphasises that so far, **no** SMRs have been commercially operated in the world, **but** that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; **stresses** that the EU **should therefore not get left behind in the global race for leadership in the future SMR market**;

Amendment

9. Emphasises that so far, **despite years of research and millions of euros invested, only a few** SMRs have been commercially operated in the world; **notes** that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries **but no transparent information on costs and timelines are publicly available at this stage**; **notes** that the EU **has expressed its willingness to invest in research, innovation, education and training, including on safety and radioactive waste management**;

Or. en

Amendment 124

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Lökkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 9

Motion for a resolution

9. Emphasises that so far, no SMRs have been commercially operated in the world, but that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; stresses that the EU should therefore **not get left behind in the global race for leadership in the future SMR market**;

Amendment

9. Emphasises that so far, no SMRs have been commercially operated in the world, but that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; stresses that the EU should therefore **strive for** global leadership in the future SMR market; **underlines that competition around SMRs is intense with strong political and commercial initiatives already launched**;

Or. en

Amendment 125

Franc Bogovič

Motion for a resolution

Paragraph 9

Motion for a resolution

9. Emphasises that so far, ***no SMRs have been commercially operated in the world***, but that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; stresses that the EU should ***therefore not get left behind in the global race for leadership in the future SMR market***;

Amendment

9. Emphasises that so far, ***SMRs are operational only in Russia and China***, but that more than 80 SMR designs are currently at different stages of development and deployment in 18 countries; stresses that the EU should ***maintain its technological leadership in the future SMR market***;

Or. en

Amendment 126

Franc Bogovič

Motion for a resolution

Paragraph 10

Motion for a resolution

10. Emphasises that the European nuclear sector is a ***strong*** asset and recognises that the EU already has a high degree of expertise and experience in nuclear technologies that can be applied to the development and deployment of SMRs, with a supply chain that could generate most of the added value within Europe;

Amendment

10. Emphasises that the European nuclear sector is a ***key asset for the resilience of the European energy system*** and recognises that the EU already has a high degree of expertise and experience in nuclear technologies that can be applied to the development and deployment of SMRs, ***in particular in the fuel cycle***, with a supply chain that could generate most of the added value within Europe;

Or. en

Amendment 127

Robert Roos

Motion for a resolution

Paragraph 10

Motion for a resolution

10. Emphasises that the European

Amendment

10. Emphasises that the European

nuclear sector is a strong asset and recognises that the EU already has a high degree of expertise and experience in nuclear technologies that can be applied to the development and deployment of SMRs, with a supply chain that could generate most of the added value within Europe;

nuclear sector is a strong asset and recognises that the EU already has a high degree of expertise and experience in nuclear technologies that can be applied to the development and deployment of SMRs, with a supply chain that could generate most of the added value within Europe ***including in Member States that do not have nuclear power plants***

Or. en

Amendment 128

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution Paragraph 10

Motion for a resolution

10. Emphasises that the European nuclear sector is a ***strong*** asset and recognises that the EU already has a high degree of expertise and experience in nuclear technologies that can be applied to the development and deployment of SMRs, with a supply chain that could generate most of the added value within Europe;

Amendment

10. Emphasises that the European nuclear sector is a ***key*** asset and recognises that the EU already has a high degree of expertise and experience in nuclear technologies that can be applied to the development and deployment of SMRs, ***in particular in the fuel cycle***, with a supply chain that could generate most of the added value within Europe;

Or. en

Amendment 129

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution Paragraph 10

Motion for a resolution

10. Emphasises that ***the European nuclear sector is a strong asset and recognises that the EU already has a high degree of*** expertise and experience in

Amendment

10. Emphasises that ***some Member States have*** expertise and experience in nuclear technologies ***while others do not have nuclear energy as part of their***

nuclear technologies *that can be applied to the development and deployment of SMRs, with a supply chain that could generate most of the added value within Europe;*

energy mix; notes that only a few Member States have expressed interest in developing SMRs in the coming years;

Or. en

Amendment 130
Franc Bogovič

Motion for a resolution
Paragraph 10 a (new)

Motion for a resolution

Amendment

10a. Emphasises that nuclear power production is strategic to achieve the energy transition under the right conditions, furthermore SMRs could also create additional industrial opportunities beyond the traditional nuclear sector and could open perspective for new players to enter the nuclear supply chain, and strengthen EU competitiveness, like the shipyards or manufacturing industry;

Or. en

Amendment 131
Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

Motion for a resolution
Paragraph 10 a (new)

Motion for a resolution

Amendment

10a. Recognizes that the extent of SMRs' contribution to European energy independence greatly relies on the localization of their value chain within European territory; underlines that an EU-based value chain will also strengthen the skills and know-how around this technology; calls therefore for a European preference in future public

procurements related to SMRs;

Or. en

Amendment 132
Pernille Weiss

Motion for a resolution
Paragraph 10 a (new)

Motion for a resolution

Amendment

10a. Emphasises that continued investment in SMRs and new nuclear capabilities to accelerate the transition from fossil fuels will require tangible and meaningful policy support for the wider nuclear fuel supply chain to preserve Europe's domestic capabilities, improve its strategic autonomy, and meet increased fuel demand for advanced nuclear fuels.

Or. en

Amendment 133
Tomas Tobé, Sara Skytvedal

Motion for a resolution
Paragraph 10 a (new)

Motion for a resolution

Amendment

10a. Stresses the need for technology neutral legislation in the fields of energy and climate in order to create fair competition in the energy market;

Or. en

Amendment 134
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 11

Motion for a resolution

11. Recognises that ***a growing number of*** Member States are ***considering nuclear for*** their energy mix;

Amendment

11. Recognises that Member States are ***sovereign in deciding on*** their energy mix ***and while some Member States rely on this technology, the share of nuclear energy is reducing in the EU and some Member States are not exploiting it or are phasing it out;***

Or. en

Amendment 135
Franc Bogovič

Motion for a resolution
Paragraph 11

Motion for a resolution

11. Recognises that a growing number of Member States are considering nuclear for their energy mix;

Amendment

11. Recognises that a growing number of Member States are considering nuclear for their energy mix, ***hence the need to coordinate efforts, and the opportunity for these Member States to jointly develop a European SMR;***

Or. en

Amendment 136
Ivars Ijabs, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution
Paragraph 11

Motion for a resolution

11. Recognises that a growing number of Member States are considering nuclear for their energy mix;

Amendment

11. Recognises that a growing number of Member States are considering nuclear for their energy mix, ***emphasises the need for nuclear energy to achieve the climate goals of climate neutrality by 2050;***

Amendment 137

Franc Bogovič

Motion for a resolution

Paragraph 11 a (new)

Motion for a resolution

Amendment

11a. Notes that the European action plan signed by the Nuclear Alliance acknowledges that nuclear power may provide up to 150 GW of electricity capacity by 2050 thanks to the continued operation of existing plants, the construction of new large reactors and the development of SMRs in the EU;

Or. en

Amendment 138

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 11 a (new)

Motion for a resolution

Amendment

11a. Highlights that nuclear power can provide stability and predictability to energy grids thanks to the continued operation of existing plants, the construction of new large reactors and the development of SMRs in the EU;

Or. en

Amendment 139

Franc Bogovič

Motion for a resolution

Paragraph 11 b (new)

11b. *Notes that the Nuclear Alliance asked the European Commission to actively support the pre-partnership on SMR and bring it to a full partnership;*

Or. en

Amendment 140

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 12

Motion for a resolution

12. Recognises that *as* electrification is a key element in all transition scenarios, nuclear *energy, as a low-carbon source of energy with a strong domestic industry, will be a necessary part of the solution;*

Amendment

12. Recognises that electrification is a key element in all transition scenarios *to achieve climate neutrality and that decarbonisation of the electricity sector should be completed by 2035 in order to reach climate neutrality by 2050 at the latest; notes that SMRs are not expected to be operational - let alone at large scale - before mid-2030s; recalls that the levelized cost of electricity from renewables, such as solar and wind power, is much lower than the one for nuclear electricity and that renewable electricity costs of production have been continuously decreasing;*

Or. en

Amendment 141

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 12

Motion for a resolution

12. Recognises that *as* electrification is a key element in all transition scenarios,

Amendment

12. Recognises that *as* electrification is a key element in all transition scenarios,

nuclear energy, as a low-carbon source of energy with a strong domestic industry, will be a necessary part of the solution;

nuclear energy, as a low-carbon source of energy with a strong domestic industry, will be a necessary part of the solution ***which can supplement and stabilise intermittent renewable sources;***

Or. it

Amendment 142
Robert Roos

Motion for a resolution
Paragraph 12

Motion for a resolution

12. Recognises that as electrification is a key element in all transition scenarios, nuclear energy, ***as a*** low-carbon source of energy with a strong domestic industry, will be ***a necessary*** part of the solution;

Amendment

12. Recognises that as electrification is a key element in all transition scenarios, nuclear energy, ***being a non-intermittent and*** low-carbon source of energy with a strong domestic industry, will be ***an indispensable*** part of the solution;

Or. en

Amendment 143
François-Xavier Bellamy

Motion for a resolution
Paragraph 12 a (new)

Motion for a resolution

12a. Regrets the European Commission's long-standing hostile policy towards nuclear power; points out that, while SMRs offer valuable benefits, they will not be sufficient to achieve our ambition of carbon neutrality, and the deployment of nuclear power will require investment in high-power generators;

Or. en

Amendment 144
Tomas Tobé, Sara Skyttedal

Motion for a resolution
Paragraph 12 a (new)

Motion for a resolution

Amendment

12a. *Notes that in order to achieve the Union climate goals clean energy will play a crucial role in the transition from fossil fuels, acknowledges the important role nuclear energy will have in the transition;*

Or. en

Amendment 145
Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution
Paragraph 13

Motion for a resolution

Amendment

13. Welcomes the creation of the so-called ‘European SMR partnership’ in the form of a collaboration scheme involving industrial stakeholders, research and technological organisations, interested customers, European regulators and the Commission;

13. Welcomes the creation of the so-called ‘European SMR partnership’ in the form of a collaboration scheme involving industrial stakeholders, research and technological organisations, interested customers, European regulators and the Commission; ***calls on the Commission to bring it to a full partnership by the end of 2023;***

Or. en

Amendment 146
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 13

Motion for a resolution

13. **Welcomes** the creation of the so-called ‘European SMR partnership’ in the form of a collaboration scheme involving industrial stakeholders, research and technological organisations, interested customers, European regulators and the Commission;

Amendment

13. **Notes** the creation of the so-called ‘European SMR partnership’ in the form of a collaboration scheme involving industrial stakeholders, research and technological organisations, interested customers, European regulators and the Commission;

Or. en

Amendment 147

Ivars Ijabs, Morten Løkkegaard, Asger Christensen, Erik Poulsen, Andreas Glueck, Nicola Beer, Mauri Pekkarinen

**Motion for a resolution
Paragraph 13 a (new)**

Motion for a resolution

Amendment

13a. (new) Recognises the important role of nuclear energy in limiting our dependence on third countries and achieving energy security and stable energy prices within the European Union;

Or. en

Amendment 148

Damien Carême

on behalf of the Verts/ALE Group

**Motion for a resolution
Subheading 4**

Motion for a resolution

Amendment

Adapted policy and regulatory framework:
technology neutrality

Adapted policy and regulatory framework

Or. en

Amendment 149

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution
Subheading 4 a (new)

Motion for a resolution

Amendment

Reminds that SMRs can support the integration of intermittent energy production to the system with flexible production.

Or. en

Amendment 150
Johan Nissinen

Motion for a resolution
Paragraph 14

Motion for a resolution

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place;

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place. ***Calls on the Commission to ensure that SMRs receive the same support as other low-carbon energy sources in all future EU legislation related to the energy transition, in line with the EU principle of “technological neutrality”;***

Or. en

Amendment 151
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 14

Motion for a resolution

Amendment

14. Recognises that *a basic condition* for SMRs to *develop in the EU is to ensure that a conducive* policy and *regulatory* framework *is* in place;

14. *Notes that there is currently no global or EU market for SMRs given the national sensitivities around nuclear energy technology and the willingness from each country to champion its own industries;* recognises that for SMRs to *benefit from possible economy of scale, a standardised* policy and *licensing* framework *would need to be put* in place;

Or. en

Amendment 152

Tomas Tobé, Sara Skytvedal

Motion for a resolution

Paragraph 14

Motion for a resolution

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place;

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place *as well as that the principal of technology neutrality is applied in current and future legislation;*

Or. en

Amendment 153

Robert Roos

Motion for a resolution

Paragraph 14

Motion for a resolution

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive *policy and regulatory* framework is *in place;*

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive *and predictable legal* framework is *established, safeguarding investor certainty during the operational lifetime of the nuclear power facilities;*

Or. en

Amendment 154

Franc Bogovič

Motion for a resolution

Paragraph 14

Motion for a resolution

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place;

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a ***technology-neutral*** conducive policy and ***long-term*** regulatory framework is in place, ***particularly in the field of competition, energy market and safety***;

Or. en

Amendment 155

Pernille Weiss

Motion for a resolution

Paragraph 14

Motion for a resolution

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place;

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a ***technology-neutral*** conducive policy and regulatory framework is in place, ***particularly in the field of competition, energy market and safety***;

Or. en

Amendment 156

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 14

Motion for a resolution

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure

that a conducive policy *and* regulatory framework *is* in place;

that a conducive policy *preferably based on technological neutrality and a* regulatory framework *are* in place;

Or. en

Amendment 157

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 14

Motion for a resolution

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework is in place;

Amendment

14. Recognises that a basic condition for SMRs to develop in the EU is to ensure that a conducive policy and regulatory framework *which facilitates connection to the grid* is in place;

Or. it

Amendment 158

Franc Bogovič

Motion for a resolution

Paragraph 14 a (new)

Motion for a resolution

Amendment

14a. Calls on the Commission and Member States to recognize nuclear and SMR as a strategic clean technology for a successful transition;

Or. en

Amendment 159

Franc Bogovič

Motion for a resolution

Paragraph 14 b (new)

Motion for a resolution

Amendment

14b. Emphasises that the development of the know-how of the nuclear industry, an adequate regulatory framework, and supportive public policies are necessary to foster the development of SMRs;

Or. en

Amendment 160

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

Motion for a resolution Paragraph 15

Motion for a resolution

15. Recognises that the implementation of appropriate contractual and financial mechanisms *is* needed to provide long-term predictability;

Amendment

15. Recognises that the implementation of appropriate contractual and financial mechanisms, ***such as bilateral long-term contracts, Contracts for Difference (CFDs), Regulatory Asset Base (RABs) models and Power Purchase Agreements (PPAs), are*** needed to provide long-term predictability ***of revenues on energy markets and to foster private investment in SMR;***

Or. en

Amendment 161

Franc Bogovič

Motion for a resolution Paragraph 15

Motion for a resolution

15. Recognises that the implementation of appropriate contractual and financial mechanisms is needed to provide long-term predictability;

Amendment

15. Recognises that the implementation of appropriate contractual and financial mechanisms ***such as bilateral long-term contracts, contracts for difference (CFD), resource accounting and budgeting (RAB) and power purchase agreements (PPAs)*** is needed to provide long-term

predictability *of revenues on energy markets and to foster investments in SMR*;

Or. en

Amendment 162

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 15

Motion for a resolution

15. Recognises that *the implementation of appropriate contractual and financial mechanisms is needed to provide long-term predictability*;

Amendment

15. Recognises that *it is difficult to independently estimate the costs of SMRs in the future and that in any case, nuclear technology is dependent from public financing; notes that in the US, the costs of the design approval only for the most advanced SMR process was estimated at already half a billion USD*;

Or. en

Amendment 163

Pernille Weiss

Motion for a resolution

Paragraph 15

Motion for a resolution

15. Recognises that the implementation of appropriate contractual and financial mechanisms is needed to provide long-term predictability;

Amendment

15. Recognises that the implementation of appropriate contractual and financial mechanisms, *such as bilateral long-term contracts, CFD, RAB and PPA*, is needed to provide long-term predictability *of revenues on energy markets and to foster investments*;

Or. en

Amendment 164

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 15

Motion for a resolution

15. Recognises that the implementation of appropriate contractual and financial mechanisms is needed to provide long-term predictability;

Amendment

15. Recognises that the implementation of appropriate contractual and financial mechanisms (*such as long-term bilateral contracts, power purchase agreements, etc.*) is needed to provide long-term predictability;

Or. it

Amendment 165

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 15

Motion for a resolution

15. Recognises that the implementation of appropriate contractual and financial mechanisms is needed to provide long-term predictability;

Amendment

15. Recognises that the implementation of appropriate *and long-term* contractual and financial mechanisms is needed to provide long-term predictability;

Or. en

Amendment 166

Robert Roos

Motion for a resolution

Paragraph 16

Motion for a resolution

16. Calls on the Commission to launch a specific industrial strategy for SMRs;

Amendment

16. Calls on the Commission to launch a specific industrial strategy for SMRs; *that includes a focus on efficient permitting procedures, access to finance*

and stable supply chains before the end of the 9th legislative term as a lead up to a European Nuclear Energy Act (ENEA) in the next mandate;

Or. en

Amendment 167
Franc Bogovič

Motion for a resolution
Paragraph 16

Motion for a resolution

16. Calls on the Commission to launch a specific industrial strategy for SMRs;

Amendment

16. Calls on the Commission to launch a specific industrial strategy for SMRs, *that includes a focus on efficient permitting procedures, access to finance and stable supply chains, all aiming to enable the deployment of EU domestic SMR technologies and develop a framework for the international commercial promotion of SMRs;*

Or. en

Amendment 168
Johan Nissinen

Motion for a resolution
Paragraph 16

Motion for a resolution

16. Calls on the Commission to launch a specific industrial strategy for SMRs;

Amendment

16. Calls on the Commission to launch a specific industrial strategy for SMRs, *in order to guarantee sufficient incentives to promote them in terms of targets, efforts to facilitate authorisation procedures and access to funding, as is the case for renewable energies;*

Or. en

Amendment 169

Pernille Weiss

Motion for a resolution

Paragraph 16

Motion for a resolution

16. Calls on the Commission to launch a specific industrial strategy for SMRs;

Amendment

16. Calls on the Commission to launch a specific industrial strategy for SMRs ***and the nuclear fuel supply chain to support the roll-out of the next generation of nuclear reactors;***

Or. en

Amendment 170

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 16

Motion for a resolution

16. Calls on the Commission to launch a specific industrial strategy for SMRs;

Amendment

16. Calls on the Commission to launch a specific industrial strategy for SMRs ***that includes a focus on efficient permitting procedures, access to finance and stable supply chains;***

Or. en

Amendment 171

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 16

Motion for a resolution

16. ***Calls on the Commission to launch a specific industrial*** strategy for SMRs;

Amendment

16. ***Notes that given the freedom of Member States to decide on their energy mix, a coordinated EU-27*** strategy for

SMRs *seems unlikely in the near future*;

Or. en

Amendment 172

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 16 – subparagraph 1 (new)

Motion for a resolution

Amendment

Recognizes the necessity to protect the vulnerability of IT systems needed for functioning of SMR due to the risk of cyber-attacks; emphasizes that cybersecurity need to be considered as a fundamental part of overall nuclear security

Or. en

Amendment 173

Johan Nissinen

Motion for a resolution

Paragraph 16 a (new)

Motion for a resolution

Amendment

16a. Recognizes the essential role of nuclear power in general, to balance the electricity grid, which needs to be reflected in the EU electricity market reform regarding SMRs;

Or. en

Amendment 174

Robert Roos

Motion for a resolution

Paragraph 16 a (new)

Motion for a resolution

Amendment

16a. Calls on the European Investment Bank to provide loans to finance SMR construction;

Or. en

Amendment 175

Tomas Tobé, Sara Skyttedal

Motion for a resolution

Subheading 5

Motion for a resolution

Amendment

Market integration *and* deployment

Market integration, deployment *and rollout*

Or. en

Amendment 176

Franc Bogovič

Motion for a resolution

Paragraph 16 a (new)

Motion for a resolution

Amendment

16a. Recognises that the work stream needs to work on characterisation of the European and non-European export markets, by examining i) decarbonisation needs; ii) the services likely to be provided by SMR; iii) the competitiveness of the technology; iv) the potential applications of SMR (heat, hydrogen, desalination);

Or. en

Amendment 177

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 17

Motion for a resolution

17. **Emphasises that innovation and adaptation will be key to meet SMR designers' expectations in terms of fuel cycle and waste management;**

Amendment

17. **Notes the risk that SMRs development could lead to the production of more nuclear waste in the future^{1a}; notes that the management of nuclear waste remains a general concern in Europe for the impact on the environment and on future generations; notes that the possible development of SMRs raises the question of manufacturing of fuels and reprocessing facilities for recycled fuels as availability of high-assay low-enriched uranium is not yet available at commercial scale;**

^{1a} **Nuclear waste from small modular reactors, May 31, 2022:**
<https://www.pnas.org/doi/full/10.1073/pnas.2111833119>

Or. en

Amendment 178
Franc Bogovič

Motion for a resolution
Paragraph 17

Motion for a resolution

17. Emphasises **that** innovation and adaptation **will be key** to meet SMR designers' expectations in terms of fuel cycle and waste management;

Amendment

17. Emphasises **the importance of proactive anticipation**, innovation and adaptation to **effectively** meet SMR designers' expectations in terms of fuel cycle and waste management; **This includes recognizing the necessity for preparatory work to ensure the operational readiness of specific front-end fuel cycle requirements prior to the deployment of SMRs;**

Or. en

Amendment 179
Franc Bogovič

Motion for a resolution
Paragraph 17 a (new)

Motion for a resolution

Amendment

17a. Emphasises that decisions on front-end as well as back-end issues should be taken early in the development phase, with the active involvement of the fuel cycle industry to optimise and validate new concepts, with a view on life-cycle operating costs and long-term security of supply as well as spent fuel and radioactive waste management programs. This early involvement of fuel cycle players is key to enable an easier and faster commercial deployment;

Or. en

Amendment 180
Dominique Riquet, Christophe Grudler

Motion for a resolution
Paragraph 17 a (new)

Motion for a resolution

Amendment

17a. Underlines that SMRs offer the opportunity to accompany both the transition towards a climate neutral economy and the increasing energy demand, since they can be deployed quickly and at lower cost;

Or. en

Amendment 181
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 18

Motion for a resolution

18. Emphasises that *clear support* from public authorities *to guarantee the competitiveness of the SMR supply chain* will be *essential in enabling service providers to take a long-term view and accelerate their projects* to meet the *market window of opportunity*;

Amendment

18. Emphasises that *nuclear technology is a more expensive way of generating electricity than renewable energies with a higher levelized cost of electricity*; notes that *SMR technology cannot be competitive in the future without massive subsidies* from public authorities; *is worried that investment in SMRs for the next decade will be made at the expense of investment in much-needed renewable energy and storage solutions, which are already available* to meet the *EU 2030 climate and energy commitments*;

Or. en

Amendment 182

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution
Paragraph 18

Motion for a resolution

18. Emphasises that *clear support from public authorities to guarantee the competitiveness of the SMR supply chain* will be *essential in enabling service providers to take a long-term view and accelerate their projects* to meet the *market window of opportunity*;

Amendment

18. Emphasises that *the importance of proactive anticipation, innovation and adaptation to effectively* to meet *SMR developers' expectations in terms of fuel cycle and waste management*; *This includes recognizing the necessity for preparatory work to ensure the operational readiness of specific front-end fuel cycle requirements prior to the deployment of SMRs.*

Or. en

Amendment 183
András Gyürk

Motion for a resolution
Paragraph 18

Motion for a resolution

18. Emphasises that clear support from public authorities to guarantee the competitiveness of the SMR supply chain will be essential in enabling service providers to take a long-term view and accelerate their projects to meet the market window of opportunity;

Amendment

18. Emphasises that clear support **and uniform principle** from public authorities to guarantee the competitiveness of the SMR supply chain will be essential in enabling service providers to take a long-term view and accelerate their projects to meet the market window of opportunity;

Or. en

Amendment 184
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 18 a (new)

Motion for a resolution

Amendment

18a. Points out that SMRs present similar concerns as large nuclear power plants in terms of nuclear waste management, accident risks, vulnerability to terrorist attacks and the risk of nuclear proliferation; is therefore concerned about the multiplication of location sites leading to a multiplication of risks and the need for increased safety;

Or. en

Amendment 185
Tomas Tobé, Sara Skytvedal

Motion for a resolution
Paragraph 18 a (new)

Motion for a resolution

Amendment

18a. Emphasises the importance of the

Commission working with local communities with regard to the industrial strategy on SMRs in order to ensure a strategy that works for member states and their municipalities;

Or. en

Amendment 186
Robert Roos

Motion for a resolution
Paragraph 18 a (new)

Motion for a resolution

Amendment

18a. Calls on the Commission to investigate if Member States are interested in a Joint procurement platform for SMRs to achieve scale, coordination and cost reduction;

Or. en

Amendment 187
Tomas Tobé, Sara Skytvedal

Motion for a resolution
Paragraph 18 b (new)

Motion for a resolution

Amendment

18b. Emphasies the need for fast permitting procedures when SMRs are market ready, encourages the Commission to urgently review the possibilities of speeding up the permit processes for the rollout of SMRs;

Or. en

Amendment 188
Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution
Subheading 6

Motion for a resolution

Harmonisation of licensing regimes

Amendment

Harmonisation of licensing **and usage**
regimes

Or. it

Amendment 189
Franc Bogovič

Motion for a resolution
Subheading 6

Motion for a resolution

Harmonisation of licensing regimes

Amendment

Fostering collaboration for SMRs
licensing

Or. en

Amendment 190
Robert Roos

Motion for a resolution
Paragraph 19

Motion for a resolution

19. Recognises that the business model of SMR producers will rely on the series effect of building a large number of similar SMRs in different countries; notes that **design** standardisation is key to unlocking the competitive advantages of mass production;

Amendment

19. Recognises that the business model of SMR producers will rely on the series effect of building a large number of similar SMRs in different countries; **emphasises that serial production would allow manufacturers to improve their processes and further reduce costs and production time**; notes that standardisation **per SMR design** is key to unlocking the competitive advantages of mass production;

Or. en

Amendment 191

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 19

Motion for a resolution

19. Recognises that the business model of SMR producers **will rely on** the series effect of building a large number of similar SMRs in different countries; notes that design standardisation is **key** to unlocking the competitive advantages of mass production;

Amendment

19. Recognises that the business model of SMR producers **is build upon the assumption of** the series effect of building a large number of similar SMRs in different countries; notes that design standardisation is **a pre-requisite** to unlocking the competitive advantages of mass production **but is facing significant obstacles given the national sovereignty approach around nuclear energy**;

Or. en

Amendment 192

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 19

Motion for a resolution

19. **Recognises** that the **business model of SMR producers will rely on the series effect of building a large number of similar SMRs in different countries; notes that design standardisation is key to unlocking the competitive advantages of mass production**;

Amendment

19. **Emphasises** that the **key success factor of SMRs is serial production, which would allow manufacturers to improve their processes and reduce costs**;

Or. en

Amendment 193

Franc Bogovič

Motion for a resolution

Paragraph 19

Motion for a resolution

19. **Recognises** that the *business model of SMR producers will rely on the series effect of building a large number of similar SMRs in different countries; notes that design standardisation is key to unlocking the competitive advantages of mass production;*

Amendment

19. **Emphasises** that the *key success factor of SMRs is serial production, which would allow manufacturers to improve their processes and reduce costs;*

Or. en

Amendment 194

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 19

Motion for a resolution

19. Recognises that the business model of SMR producers will rely on the series effect of building a large number of similar SMRs in different countries; notes that design **standardisation is** key to unlocking the competitive advantages of mass production;

Amendment

19. Recognises that the business model of SMR producers will rely on the series effect of building a large number of similar SMRs in different countries; notes that **standardisation of design and the licensing process are** key to unlocking the competitive advantages of mass production;

Or. it

Amendment 195

Robert Roos

Motion for a resolution

Paragraph 19 a (new)

Motion for a resolution

Amendment

19a. Calls on the Commission to take a proactive role in establishing and supporting 'Regulatory Alliances' among Member States with the aim to ensure equivalence in SMR licensing procedures,

especially by re-using data;

Or. en

Amendment 196
Robert Roos

Motion for a resolution
Paragraph 19 b (new)

Motion for a resolution

Amendment

19b. Calls on the Commission to propose a congruent framework to fast-track the licensing and permitting of SMRs, applicable to all administrative procedures, akin to the provisions as laid down in article 16 of Directive (EU) 2018/2001 on the promotion of the use of energy from renewable sources ;

Or. en

Amendment 197
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 20

Motion for a resolution

Amendment

20. Emphasises the need to identify the elements for establishing a European pre-licensing process based on commonly accepted safety assessments in the licensing of the same SMR design;

20. Notes that similarly, licencing processes are nationally-designed and vary across countries; notes that given the freedom of each Member State to decide on its energy mix, any attempt to establishing a European pre-licensing process seems unlikely in the future; recalls that a pre-licensing process would in any case not guarantee a de facto green light for operational use of SMRs, which should still have to pass safety standards;

Or. en

Amendment 198

Robert Roos

Motion for a resolution

Paragraph 20

Motion for a resolution

20. Emphasises the need to identify the elements for establishing *a* European pre-licensing process based on commonly accepted safety assessments in the licensing of *the same* SMR design;

Amendment

20. Emphasises the need to identify the elements for establishing European pre-licensing process based on commonly accepted safety assessments in the licensing of *a* SMR design; ***calls in the absence of such a pre-licensing processing for the acceleration of the cooperation of national nuclear safety regulators on licensing matters to avoid redundant and costly design reviews;***

Or. en

Amendment 199

Franc Bogovič

Motion for a resolution

Paragraph 20

Motion for a resolution

20. ***Emphasises the need to identify the elements for establishing a European*** pre-licensing process based on commonly accepted safety assessments ***in the licensing of the same SMR design;***

Amendment

20. ***Calls for the acceleration of the cooperation of national nuclear safety regulators to harmonise a pre-licensing process and standardisation of SMR designs*** based on commonly accepted safety assessments;

Or. en

Amendment 200

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 20

Motion for a resolution

20. ***Emphasises the need to identify the elements for establishing a European pre-licensing process based on commonly accepted safety assessments in the licensing of the same SMR design;***

Amendment

20. ***Calls for the acceleration of the cooperation of national nuclear safety regulators to harmonize a pre-licensing process and standardization of SMR based on commonly accepted safety assessments.***

Or. en

Amendment 201

Sara Skyttedal, Tomas Tobé

Motion for a resolution

Paragraph 20 a (new)

Motion for a resolution

Amendment

20a. Notes that despite most other areas having been standardized by the EU, in order to facilitate movement and exchange on the internal market, nuclear power remains a noticeable exception, which needs to be addressed in order for nuclear power to benefit from European integration and realize its full potential with regard to the Green transition; stresses that the incentives to invest in nuclear energy can be greatly improved through a common European framework;

Or. en

Amendment 202

Franc Bogovič

Motion for a resolution

Paragraph 20 a (new)

Motion for a resolution

Amendment

20a. Welcomes the initiatives, at the international level and among regulators for specific SMRs designs, to facilitate joint SMR design reviews without

compromising the nuclear safety and security;

Or. en

Amendment 203

Franc Bogovič

Motion for a resolution

Paragraph 21

Motion for a resolution

21. *Emphasises that* regulatory bodies *should create* the conditions to ease the licensing process of SMRs;

Amendment

21. *Encourages* regulatory bodies *to continue creating* the conditions to ease *and work towards streamlining and harmonisation of* the licensing process of SMRs *in the Union*; *Believes that it is in the EU's strategic interest to encourage national regulators to adopt technology-inclusive, performance-based, and risk-informed licensing processes to streamline safety assessments, reduce regulatory burdens, enhance safety, lower costs, and facilitate innovation;*

Or. en

Amendment 204

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 21

Motion for a resolution

21. *Emphasises that* regulatory *bodies should create the conditions to ease the licensing process of SMRs;*

Amendment

21. *Acknowledges that given the safety and legal concerns around nuclear energy, it is understandable that the regulatory approval of SMR design takes several years; notes that SMRs developers usually need several years themselves to be ready between the announcement and submission of an approval request;*

Amendment 205

Robert Roos

Motion for a resolution

Paragraph 21

Motion for a resolution

21. Emphasises that regulatory bodies should create the conditions to *ease* the licensing process of SMRs;

Amendment

21. Emphasises that regulatory bodies should create the conditions to *streamline* the licensing process of SMRs; *suggests creating 'Regulatory Alliances' among Member States, encompassing a broad a coalition of Member States with an interest in a similar design to streamline the licensing process;*

Or. en

Amendment 206

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 21

Motion for a resolution

21. Emphasises that regulatory bodies should create the conditions to ease the licensing process of SMRs;

Amendment

21. Emphasises that regulatory bodies should create, *including by means of multilateral agreements and cooperation*, the conditions to ease the licensing process of SMRs;

Or. it

Amendment 207

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 21

Motion for a resolution

21. Emphasises that regulatory bodies should create the conditions to ease the licensing process of SMRs;

Amendment

21. Emphasises that regulatory bodies **and national authorities** should create the conditions to ease the licensing process of SMRs;

Or. en

Amendment 208

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 21 a (new)

Motion for a resolution

Amendment

21a. 21a. (new): Stresses the overriding importance of guaranteeing, also taking into account mutual interactions, the three essential 'S's of using nuclear energy for peaceful purposes (safety, security and safeguards) and of investigating the specific and peculiar aspects of small modular reactors and their fuel cycles;

Or. it

Amendment 209

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 21 b (new)

Motion for a resolution

Amendment

21b. 21b. (new): Invites European utilities to develop specific requirements for the use of small modular reactors and their electrical and non-electrical applications, also in cooperation with other international utilities.

Or. it

Amendment 210
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Subheading 7

Motion for a resolution

Financial support for the domestic
production of SMRs

Amendment

National financial support for the domestic
production of SMRs

Or. en

Amendment 211
Robert Roos

Motion for a resolution
Paragraph 22

Motion for a resolution

22. Recognises the need to sufficiently
explore and identify all possible options for
financing European SMR production;

Amendment

22. Recognises the need to sufficiently
explore and identify all possible options for
financing European SMR production **and
the related supply chain; calls on the
Commission and the Member States to
assess available funding sources for the
deployment of SMRs at Union and
Member State level and if deemed
suitable, to outline a plan for addressing
funding shortfalls;**

Or. en

Amendment 212
Johan Nissinen

Motion for a resolution
Paragraph 22

Motion for a resolution

22. Recognises the need to sufficiently
explore and identify all possible options for

Amendment

22. Recognises the need to sufficiently
explore and identify all possible options for

financing European SMR production;

financing European SMR production; *and stresses the importance of giving SMRs a place equivalent to that of other low-carbon energy sources in the definition of remuneration systems for electricity production;*

Or. en

Amendment 213

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution Paragraph 22

Motion for a resolution

22. Recognises the need to sufficiently explore and identify all possible options for financing European SMR production;

Amendment

22. Recognises the need to sufficiently explore and identify all possible options for financing European SMR production, *which has very high capital costs; calls in this regard on the EIB to align its energy lending policy with EU taxonomy and support investment in SMR production;*

Or. en

Amendment 214

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution Paragraph 22

Motion for a resolution

22. Recognises the *need to sufficiently* explore *and identify all possible* options for *financing European SMR production;*

Amendment

22. Recognises the *freedom of Member States to decide on their energy mix and to explore financing options for energy technologies, in line with EU competition policy;*

Or. en

Amendment 215

Franc Bogovič

Motion for a resolution

Paragraph 22

Motion for a resolution

22. Recognises the need to sufficiently explore and identify all possible options for financing European SMR production;

Amendment

22. Recognises the need to sufficiently explore and identify all possible options for financing European SMR production ***and scale-up***;

Or. en

Amendment 216

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoș Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 22

Motion for a resolution

22. Recognises the need to sufficiently explore and identify all possible options for financing European SMR production;

Amendment

22. Recognises the need to sufficiently explore and identify all possible options for financing European SMR production ***and scale up***;

Or. en

Amendment 217

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 22 a (new)

Motion for a resolution

Amendment

22a. Calls on the Commission to explore the possibility for Member States to use funds from national RRF plans and/or the Just Transition Fund to finance electricity production projects

based on SMR technology;

Or. en

Amendment 218

Franc Bogovič

Motion for a resolution

Paragraph 22 a (new)

Motion for a resolution

Amendment

22a. Emphasises that the domestic production of SMRs could be facilitated by numerous levers such as private investments, national subsidies, European funds, and European Investment Bank loans;

Or. en

Amendment 219

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 23

Motion for a resolution

Amendment

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act;

deleted

Or. en

Amendment 220

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 23

Motion for a resolution

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act;

Amendment

23. Expresses the need to place **nuclear and** SMRs among the technologies recognised by the Net Zero Industry Act, **the Strategic Technologies for Europe Platform and the future Sovereignty Fund**;

Or. en

Amendment 221

Johan Nissinen

Motion for a resolution

Paragraph 23

Motion for a resolution

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act;

Amendment

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act **as well as within the framework of EU rules on state aid**;

Or. en

Amendment 222

Robert Roos

Motion for a resolution

Paragraph 23

Motion for a resolution

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act;

Amendment

23. Expresses the need to place **nuclear technologies, including** SMRs among the **strategic** technologies recognised by the Net Zero Industry Act;

Or. en

Amendment 223

Franc Bogovič

Motion for a resolution
Paragraph 23

Motion for a resolution

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act;

Amendment

23. Expresses the need to place SMRs **and nuclear energy** among the technologies recognised by the Net Zero Industry Act;

Or. en

Amendment 224
François-Xavier Bellamy

Motion for a resolution
Paragraph 23

Motion for a resolution

23. Expresses the need to place SMRs among the technologies recognised by the Net Zero Industry Act;

Amendment

23. Expresses the need to place SMRs among the technologies recognised **as strategic** by the Net Zero Industry Act;

Or. en

Amendment 225
Tomas Tobé, Sara Skytvedal

Motion for a resolution
Paragraph 23 a (new)

Motion for a resolution

Amendment

23a. Stresses the need to include nuclear technologies such as SMRs in future legislation regarding industry and energy, such as the Net-Zero Industry Act;

Or. en

Amendment 226
Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution
Paragraph 24

Motion for a resolution

24. Welcomes the fact that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is needed;

Amendment

24. Welcomes the fact that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is needed, ***focused on the factors enabling the rapid development and use of technology in Europe***;

Or. it

Amendment 227
Franc Bogovič

Motion for a resolution
Paragraph 24

Motion for a resolution

24. Welcomes the fact that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is needed;

Amendment

24. Welcomes the fact that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is ***urgently*** needed ***if EU wants to remain competitive in developing the SMR industry***;

Or. en

Amendment 228
Damien Carême
on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 24

Motion for a resolution

Amendment

24. **Welcomes the fact** that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is needed;

24. **Notes** that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is needed ***especially on waste management and recycling fuel capacities***;

Or. en

Amendment 229
Robert Roos

Motion for a resolution
Paragraph 24

Motion for a resolution

24. Welcomes the fact that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR technologies; emphasises, however, that more coordinated funding is needed;

Amendment

24. Welcomes the fact that the Euratom research and training programme already funds research projects related to the safety and licensing of SMR ***and AMR*** technologies; emphasises, however, that more coordinated funding is needed;

Or. en

Amendment 230
Franc Bogovič

Motion for a resolution
Paragraph 24 a (new)

Motion for a resolution

24a. Recommends the establishment of inclusive access to EU funding beyond Euratom funds, thus allowing the nuclear sector to participate in broader EU funding initiatives it is currently excluded from;

Amendment

Or. en

Amendment 231

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 24 a (new)

Motion for a resolution

Amendment

24a. Calls for inclusive access to EU funding beyond Euratom funds, thereby allowing the nuclear sector to participate in broader EU funding initiatives it is currently excluded from;

Or. en

Amendment 232

Johan Nissinen

Motion for a resolution

Paragraph 24 a (new)

Motion for a resolution

Amendment

24a. Calls on the Commission to establish partnerships between EU member states, private investors, and European banks to finance SMRs and nuclear power;

Or. en

Amendment 233

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 25

Motion for a resolution

Amendment

25. Calls for the establishment of a new joint undertaking for SMRs;

deleted

Or. en

Amendment 234

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 25

Motion for a resolution

25. Calls for *the establishment of a new joint undertaking for SMRs*;

Amendment

25. Calls for *collaboration and participation between the European nuclear industry to be fostered and financed with a view to developing of SMR and advanced modular reactor technology*;

Or. it

Amendment 235

Franc Bogovič

Motion for a resolution

Paragraph 25

Motion for a resolution

25. Calls for the establishment of a new joint undertaking for SMRs;

Amendment

25. Calls for the establishment of a *dedicated European structure for SMRs such as a new Joint Undertaking or Industrial Alliance* for SMRs;

Or. en

Amendment 236

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 25

Motion for a resolution

25. Calls for the establishment of a *new joint undertaking* for SMRs;

Amendment

25. Calls for the establishment of a *European Alliance* for SMRs *and the creation of a SMR ICPEI*;

Amendment 237

Robert Roos

Motion for a resolution

Paragraph 25

Motion for a resolution

25. Calls for the establishment of ***a new joint undertaking*** for SMRs;

Amendment

25. Calls for the establishment of ***an industrial alliance*** for SMRs;

Or. en

Amendment 238

Franc Bogovič

Motion for a resolution

Paragraph 25 a (new)

Motion for a resolution

Amendment

25a. Believes that such Joint Undertaking or Industrial Alliance on SMRs should prepare and coordinate a comprehensive programme of activities also for the construction of an Advanced Reactor Demonstration Program for SMRs;

Or. en

Amendment 239

Robert Roos

Motion for a resolution

Paragraph 25 a (new)

Motion for a resolution

Amendment

25a. Calls on the European Commission to include nuclear-related operations within the Just Transition

Mechanism;

Or. en

Amendment 240

Franc Bogovič

Motion for a resolution

Paragraph 25 b (new)

Motion for a resolution

Amendment

25b. Emphasises that European financial support is also needed to launch feasibility studies or lead to significant job creation and promote high-quality traineeships and the reskilling or upskilling of workers;

Or. en

Amendment 241

Franc Bogovič

Motion for a resolution

Paragraph 25 c (new)

Motion for a resolution

Amendment

25c. Asks the Commission to clarify the yearly budget available for research, innovation, development and deployment of SMRs and prepare a road map of planned auctions and, where appropriate, make a legislative proposal for a financial instrument targeting and encouraging also private investments in this field;

Or. en

Amendment 242

Franc Bogovič

Motion for a resolution

Paragraph 25 d (new)

Motion for a resolution

Amendment

25d. *Expresses concerns about the overall budget for SMRs compared to the subsidies given by economic partners and competitors, in particular China, Russia and the USA; encourages the Commission to expand the share of the Innovation Fund and use the midterm review of the multiannual financial framework (MFF) to increase the resources allocated for the development and deployment of SMRs if needed;*

Or. en

Amendment 243

Pernille Weiss

Motion for a resolution

Subheading 8

Motion for a resolution

Amendment

Supply chain adaptation

Supply chain *and fuel cycle* adaptation

Or. en

Amendment 244

Franc Bogovič

Motion for a resolution

Subheading 8

Motion for a resolution

Amendment

Supply chain adaptation

Supply chain *and fuel cycle* adaptation

Or. en

Amendment 245

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution
Paragraph 26

Motion for a resolution

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of mass-produced SMRs;

Amendment

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of mass-produced SMRs; ***is concerned about the rapid increase in demand and use of materials that large-scale production of SMRs may entail; recalls the European Union's extreme dependency on imported uranium and the impact on its sovereignty and energy security of supply; notes that, in 2021, the European Union relied only on five countries for 96% of its natural uranium supplies including around 20% from Russia;***

Or. en

Amendment 246
François-Xavier Bellamy

Motion for a resolution
Paragraph 26

Motion for a resolution

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of mass-produced SMRs;

Amendment

26. Emphasises that a robust, capable and reliable supply chain, ***as much as possible in the European Union,*** is critical for the success of mass-produced SMRs;

Or. en

Amendment 247
Franco Bogovič

Motion for a resolution
Paragraph 26

Motion for a resolution

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of mass-produced SMRs;

Amendment

26. Emphasises that a robust, capable and reliable **EU-based** supply chain is critical for the success of mass-produced SMRs;

Or. en

Amendment 248

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

Motion for a resolution

Paragraph 26

Motion for a resolution

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of mass-produced SMRs;

Amendment

26. Emphasises that a robust, capable and reliable **EU-based** supply chain is critical for the success of mass-produced SMRs;

Or. en

Amendment 249

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 26

Motion for a resolution

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of **mass-produced** SMRs;

Amendment

26. Emphasises that a robust, capable and reliable supply chain is critical for the success of **producing** SMRs;

Or. en

Amendment 250

Franc Bogovič

Motion for a resolution

Paragraph 26 a (new)

Motion for a resolution

Amendment

26a. Calls on the European Commission to carry out an EU-wide assessment to identify potential shortfalls in the supply chain;

Or. en

Amendment 251

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 27

Motion for a resolution

27. Recognises the importance of identifying the main challenges in adapting the value chain to the specific characteristics of SMRs compared with high-power reactors and the need for consultations both with vendors and a large number of supply chain suppliers;

Amendment

27. Recognises the importance of identifying the main challenges in adapting the value chain to the specific characteristics of SMRs compared with high-power reactors and the need for consultations both with vendors and a large number of supply chain suppliers, ***as well as with the utilities that will have to acquire and subsequently operate these reactors;***

Or. it

Amendment 252

Franc Bogovič

Motion for a resolution

Paragraph 27

Motion for a resolution

27. Recognises the importance of identifying the main challenges in adapting the value chain to the specific characteristics of SMRs compared with ***high-power*** reactors and the need for consultations both with vendors and a large number of supply chain suppliers;

Amendment

27. Recognises the importance of identifying the main challenges in adapting the value chain to the specific characteristics of SMRs compared with ***large*** reactors and the need for consultations both with vendors and a large number of ***EU-based*** supply chain

suppliers;

Or. en

Amendment 253

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

**Motion for a resolution
Paragraph 27**

Motion for a resolution

27. Recognises the importance of identifying the main challenges in adapting the value chain to the specific characteristics of SMRs compared with **high-power** reactors and the need for consultations both with vendors and a large number of supply chain suppliers;

Amendment

27. Recognises the importance of identifying the main challenges in adapting the value chain to the specific characteristics of SMRs compared with **large** reactors and the need for consultations both with vendors and a large number of supply chain suppliers;

Or. en

**Amendment 254
Pernille Weiss**

**Motion for a resolution
Paragraph 27 a (new)**

Motion for a resolution

Amendment

27a. Recognises the importance of the nuclear fuel supply chain to the roll-out of SMRs and that many SMRs will require new fuel types with varying levels of technological readiness;

Or. en

Amendment 255

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

**Motion for a resolution
Paragraph 27 a (new)**

Motion for a resolution

Amendment

27a. Recognizes the need for adaptations in the fuel cycle to meet the requirements of SMRs and underlines the importance of investments in additional facilities;

Or. en

Amendment 256
Franc Bogovič

Motion for a resolution
Paragraph 27 a (new)

Motion for a resolution

Amendment

27a. Acknowledges both the adaptations needed in the fuel cycle to supply SMR, and the investments needs for additional facilities;

Or. en

Amendment 257
Pernille Weiss

Motion for a resolution
Paragraph 27 b (new)

Motion for a resolution

Amendment

27b. Encourages the efforts of the European nuclear industry to secure the supply of the new types of fuels, or Advanced Fuels, needed for the new generation of reactor technology. European Advanced Fuels will feed SMR's globally;

Or. en

Amendment 258

Franc Bogovič

Motion for a resolution

Paragraph 27 b (new)

Motion for a resolution

Amendment

27b. Encourages the efforts of the European industry to secure the supply of the new types of fuels needed for some SMRs;

Or. en

Amendment 259

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

Motion for a resolution

Paragraph 27 b (new)

Motion for a resolution

Amendment

27b. Highlights the importance of ensuring a reliable European supply of the new types of fuels required by certain SMRs;

Or. en

Amendment 260

Pernille Weiss

Motion for a resolution

Paragraph 27 c (new)

Motion for a resolution

Amendment

27c. Recognises the need to support the development of a domestic nuclear fuel supply chain to produce advanced fuels on a commercial scale, which has the potential to create additional jobs, reduce dependencies on Russian imports, and make the EU more competitive;

Amendment 261

Franc Bogovič

Motion for a resolution

Paragraph 27 c (new)

Motion for a resolution

Amendment

27c. Notes that European strategy and reflection are needed specifically on the plants in which SMRs will be manufactured;

Or. en

Amendment 262

Franc Bogovič

Motion for a resolution

Paragraph 27 d (new)

Motion for a resolution

Amendment

27d. Emphasises that the opportunity of including standardised equipment and high quality industrial commercial grade components within SMR designs can greatly contribute to supply chain optimisation and associated processes by reducing regulatory controls and approval times;

Or. en

Amendment 263

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 28

Motion for a resolution

Amendment

28. Recognises the need to define a comprehensive research and development (R&D) roadmap that meets ***both market expectations and safety requirements and, furthermore, to identify the experimental infrastructure required to implement this roadmap***, alongside the necessary training and education programmes;

28. Recognises the need to define a comprehensive research and development (R&D) roadmap that meets ***EU's climate and energy commitments for 2030 and 2050***, alongside the necessary training and education programmes; ***reiterates that in all projection scenarios, renewable energies are being boosted and are no regret investments for the future***;

Or. en

Amendment 264

Franc Bogovič

Motion for a resolution Paragraph 28 a (new)

Motion for a resolution

Amendment

28a. Welcomes that in collaboration with the Joint Research Centre (JRC), the Euratom community is opening up EU research infrastructures and supporting access to unique nuclear research infrastructures in Europe;

Or. en

Amendment 265

Franc Bogovič

Motion for a resolution Paragraph 28 b (new)

Motion for a resolution

Amendment

28b. Emphasises that to maintain the highest safety and radiation protection standards, it is crucial to keep the need for experimenting, testing and qualifying novel fuels, materials and technologies for the whole lifecycle of advanced SMRs, training and human capacity-building, disseminating knowledge and bridging the gap between research and industry;

Amendment 266

Franc Bogovič

Motion for a resolution

Paragraph 28 c (new)

Motion for a resolution

Amendment

28c. Welcomes the Horizon Europe and Digital Europe Programme initiatives that bring new benefits in additive manufacturing, digital technologies, robotics and artificial intelligence and emphasises that synergies between the Euratom Programme and other EU Programmes should be implemented;

Or. en

Amendment 267

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 29

Motion for a resolution

Amendment

29. Emphasises that R&D should not only focus on the needs of the first generation of SMR light water reactors, expected by the beginning of the 2030s, but should also further support fourth-generation types of reactors, the so-called ‘advanced modular reactors’; **deleted**

Or. en

Amendment 268

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 29

Motion for a resolution

29. Emphasises that R&D should not only focus on the needs of the first generation of SMR light water reactors, expected by the beginning of the 2030s, but should also further support fourth-generation types of reactors, the so-called ‘advanced modular reactors’;

Amendment

29. Emphasises that R&D should not only focus on the needs of the first generation of SMR light water reactors, , ***which are expected to be connected to the grid*** by the beginning of the 2030s, but should also further support fourth-generation types of reactors, the so-called ‘advanced modular reactors’ ***and their advanced fuels and fuel cycles***;

Or. it

Amendment 269

Ivars Ijabs, Morten Løkkegaard, Asger Christensen, Erik Poulsen, Andreas Glueck, Nicola Beer

Motion for a resolution

Paragraph 29

Motion for a resolution

29. Emphasises that R&D should not only focus on the needs of the first generation of SMR light water reactors, ***expected by the beginning of the 2030s, but should also further support fourth-generation types of reactors, the so-called ‘advanced modular reactors’***;

Amendment

29. Emphasises that R&D should ***support all different generations of SMRs and*** not only focus on the needs of the first generation of SMR light water reactors;

Or. en

Amendment 270

Franc Bogovič

Motion for a resolution

Paragraph 29 a (new)

Motion for a resolution

Amendment

29a. Emphasises the possible socio-economic impact arising from the deployment of SMRs and higher

competitiveness of EU industry in terms of EU highly qualified jobs and high added-value companies created and calls for exploring new ways to address them through meaningful actions and in line with the expected stakeholders' views on the European SMR pre-Partnership activities;

Or. en

Amendment 271

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen

Motion for a resolution

Paragraph 30

Motion for a resolution

30. Recognises that increased resources for R&D in state-of-the-art nuclear power are needed;

Amendment

30. Recognises that increased *EU* resources for R&D in state-of-the-art nuclear power are needed;

Or. en

Amendment 272

Tomas Tobé, Sara Skytvedal

Motion for a resolution

Paragraph 30

Motion for a resolution

30. *Recognises* that increased resources for R&D in state-of-the-art nuclear power are needed;

Amendment

30. *Stresses* that increased resources for R&D in state-of-the-art nuclear power are needed;

Or. en

Amendment 273

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 30

Motion for a resolution

30. Recognises that increased resources for R&D in ***state-of-the-art nuclear power*** are needed;

Amendment

30. Recognises that increased resources for R&D in ***energy storage and batteries*** are needed;

Or. en

Amendment 274

Franc Bogovič

Motion for a resolution

Paragraph 31

Motion for a resolution

31. Recognises the ***need to develop*** training in key nuclear construction skills;

Amendment

31. Recognises ***the importance of refining existing*** training in key nuclear construction skills ***to align them with the unique requirements of SMRs, while also ensuring the prevention of skill shortages in areas under high demand;***

Or. en

Amendment 275

Robert Roos

Motion for a resolution

Paragraph 31

Motion for a resolution

31. Recognises the need to develop training in key nuclear ***construction*** skills;

Amendment

31. Recognises the need to develop training in key nuclear ***energy*** skills ***and the continuous professional development of civil servants responsible for the regulatory and permitting processes, in particular for SMRs;***

Or. en

Amendment 276

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 31

Motion for a resolution

31. Recognises the need to develop *training in key nuclear construction skills*;

Amendment

31. Recognises the need *in some Member States* to develop *skills and experience in nuclear reactors operational capacity, in order to ensure safety and legal requirements are met*;

Or. en

Amendment 277

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

Motion for a resolution

Paragraph 31

Motion for a resolution

31. Recognises the need to develop training in key nuclear construction skills;

Amendment

31. Recognises the need to develop training in key nuclear construction skills *all along the value chain*;

Or. en

Amendment 278

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoș Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 31 – subparagraph 1 (new)

Motion for a resolution

Amendment

Skills

Or. en

Amendment 279

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 31 – point 1 (new)

Motion for a resolution

Amendment

(1) Recognises the importance of refining existing training in key nuclear construction skills to align them with the unique requirements of SMRs, while also ensuring the prevention of skill shortages in areas under high demand;

Or. en

Amendment 280

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 31 – point 2 (new)

Motion for a resolution

Amendment

(2) Underlines the importance of strategic workforce planning.

Or. en

Amendment 281

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini, Robert Hajšel

Motion for a resolution

Paragraph 31 – point 3 (new)

Motion for a resolution

Amendment

(3) Emphasises that such planning should be forward-looking and adaptable, taking into account the potential shifts in skill requirements for the deployment of SMRs, especially within the supply chain and for SMRs.

Or. en

Amendment 282

Klemen Grošelj, Christophe Grudler, Bart Groothuis, Mauri Pekkarinen, Morten Løkkegaard, Asger Christensen, Erik Poulsen

**Motion for a resolution
Paragraph 31 a (new)**

Motion for a resolution

Amendment

31a. Emphasizes the importance of strategic workforce planning, which should be forward-looking and adaptable to potential shifts in skill requirements for the deployment of SMRs;

Or. en

Amendment 283

Franc Bogovič

**Motion for a resolution
Paragraph 31 a (new)**

Motion for a resolution

Amendment

31a. Underlines the importance of strategic workforce planning;

Or. en

Amendment 284

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

**Motion for a resolution
Subheading 10**

Motion for a resolution

Amendment

Waste management

Decommissioning and Waste Management

Or. it

Amendment 285

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 32

Motion for a resolution

Amendment

32. Recognises the need to provide uniform rules regarding the responsibility of SMR owners for the handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

32. ***Notes with concern that SMRs are likely to produce even more nuclear waste than conventional nuclear power plants, up to 30 times more radioactive waste per unit of electricity according to a study from 2022;*** recognises the need to provide uniform rules regarding the responsibility of SMR owners for the handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Or. en

Amendment 286

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 32

Motion for a resolution

Amendment

32. Recognises the need to provide uniform rules regarding the responsibility of SMR owners for the handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

32. Recognises the need to provide uniform rules regarding the responsibility of SMR owners ***or licensees*** for the handling and storage of radioactive waste, ***the supply of fuel***, as well as for the recycling of spent nuclear fuel, ***which must be carried out with a view to reducing long-lived waste and minimising geological disposal***;

Amendment 287

Franc Bogovič

Motion for a resolution

Paragraph 32

Motion for a resolution

32. Recognises the ***need to provide uniform*** rules regarding the responsibility of ***SMR*** owners for the handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Amendment

32. Recognises the ***already well established*** rules regarding the responsibility of ***Nuclear Power Plant*** owners for the ***safe*** handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Or. en

Amendment 288

Robert Roos

Motion for a resolution

Paragraph 32

Motion for a resolution

32. Recognises the need to provide uniform rules regarding the responsibility of SMR owners for the handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Amendment

32. Recognises the need to provide uniform ***existing*** rules regarding the responsibility of SMR owners for the ***safe*** handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Or. en

Amendment 289

András Gyürk

Motion for a resolution

Paragraph 32

Motion for a resolution

32. Recognises the need to provide

Amendment

32. Recognises the need to provide

uniform rules regarding the responsibility of SMR owners for the handling *and* storage of radioactive waste, as well as for the *recycling* of spent nuclear fuel;

uniform rules regarding the responsibility of SMR owners for the handling, storage *and disposal* of radioactive waste, as well as for the *management* of spent nuclear fuel;

Or. en

Amendment 290

Erik Bergkvist, Tsvetelina Penkova, Carmen Avram, Victor Negrescu, Adrian-Dragoş Benea, Rovana Plumb, Dan Nica, Miapetra Kumpula-Natri, Maria Grapini

Motion for a resolution

Paragraph 32

Motion for a resolution

32. Recognises the need to provide uniform rules regarding the responsibility of SMR owners for the handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Amendment

32. Recognises the need to provide uniform rules regarding the responsibility of SMR owners for the *safe* handling and storage of radioactive waste, as well as for the recycling of spent nuclear fuel;

Or. en

Amendment 291

Robert Roos

Motion for a resolution

Paragraph 32 a (new)

Motion for a resolution

Amendment

32a. Highlights the availability of safe waste disposal solutions, notably deep geological repositories as widely endorsed by the scientific, technological, and regulatory communities, as affirmed by the European Commission's Joint Research Centre; acknowledges that some Member States are nearing completion of their national deep geological disposal facilities, expected to commence operations in the coming decade; and underscores the potential of AMRs to integrate radioactive waste into their

processes, promoting a circular economy;

Or. en

Amendment 292
Dominique Riquet, Christophe Grudler

Motion for a resolution
Paragraph 32 a (new)

Motion for a resolution

Amendment

32a. Welcomes the latest R&D efforts offering promising perspectives for improvement in the field of nuclear waste management, recycling and reuse; underlines the major importance of reuse regarding the stability of supply;

Or. en

Amendment 293
Franc Bogovič

Motion for a resolution
Paragraph 32 a (new)

Motion for a resolution

Amendment

32a. Notes the potential of some type of SMRs in terms of waste minimisation (reduction of volume and radiotoxicity of waste);

Or. en

Amendment 294
Franc Bogovič

Motion for a resolution
Paragraph 32 b (new)

Motion for a resolution

Amendment

32b. Calls for the establishment of a specific strategy on closing the nuclear fuel cycle based on innovative technologies developers' support;

Or. en

Amendment 295
Franc Bogovič

Motion for a resolution
Paragraph 32 c (new)

Motion for a resolution

Amendment

32c. Reminds, that according to the European Commission's Joint Research Centre, for high-level radioactive waste and spent fuel, there is a broad consensus amongst the scientific, technological and regulatory communities that final disposal in deep geological repositories is the most effective and safest feasible solution which can ensure that no significant harm is caused to human life and the environment for the required timespan; acknowledges that some Member States are in an advanced stage of implementation of their national deep geological disposal facilities, which are expected to start operation within the present decade;

Or. en

Amendment 296
Franc Bogovič

Motion for a resolution
Paragraph 33

Motion for a resolution

Amendment

33. Stresses the need for an annual report by the Commission assessing progress in the development of SMRs;

33. Stresses the need for an annual report by the Commission assessing progress in the development of SMRs;

Asks that this report also evaluate the geographical breakdown of funding, the number of jobs created, changes in supply and demand, the cost of SMRs deployment, the development of dedicated SMRs infrastructures and evaluates the technical feasibility, licensing, siting, financing, supply chain, engagement, and fuel progress from different SMR reactors;

Or. en

Amendment 297

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 33

Motion for a resolution

33. Stresses the need for *an annual report by the Commission assessing progress in the* development of SMRs;

Amendment

33. Stresses the need for *Member States investing in SMRs technologies to provide regular and transparent data on costs and safety measures for the possible* development of *this technology*;

Or. en

Amendment 298

Robert Roos

Motion for a resolution

Paragraph 33

Motion for a resolution

33. Stresses the need for an *annual* report by the Commission assessing progress in the development of SMRs;

Amendment

33. Stresses the need for an *bi-annual* report by the Commission assessing progress in the development *and deployment* of SMRs, *addressing regulatory and other burdens impeding their uptake, and accompanied by recommended measures to potentially mitigate these challenges*;

Amendment 299

Paolo Borchia, Matteo Adinolfi, Isabella Tovaglieri

Motion for a resolution

Paragraph 33

Motion for a resolution

33. Stresses the need for an annual report by the Commission assessing progress in the development of SMRs;

Amendment

33. Stresses the need for an annual report by the Commission assessing progress in the development of SMRs ***and in cross-border cooperation;***

Or. it

Amendment 300

Franc Bogovič

Motion for a resolution

Paragraph 33 a (new)

Motion for a resolution

Amendment

33a. Calls on the Commission to eagerly engage and the development of SMRs projects and especially prepare a legal framework regarding the technology choice, revisiting and harmonising licensing frameworks, and other legal challenges;

Or. en

Amendment 301

Damien Carême

on behalf of the Verts/ALE Group

Motion for a resolution

Paragraph 34

Motion for a resolution

Amendment

34. Calls on the Council to demonstrate a firm commitment to contributing to the successful development of SMRs in the EU;

deleted

Or. en

Amendment 302
Franc Bogovič

Motion for a resolution
Paragraph 34

Motion for a resolution

Amendment

34. Calls on **the Council** to demonstrate a firm commitment to contributing to the successful development of SMRs in the EU;

34. Calls on **Member States with a strong interest in nuclear and SMRs** to demonstrate a firm **financial and regulatory** commitment to contributing to the successful development of SMRs in the EU;

Or. en

Amendment 303
Robert Roos

Motion for a resolution
Paragraph 34

Motion for a resolution

Amendment

34. Calls on the **Council to demonstrate a firm** commitment to **contributing** to the successful development of SMRs in the EU;

34. Calls on the **Commission and the Member States to manifest a resolute** commitment to the successful development of SMRs in the EU;

Or. en