



2018/0225(COD)

18.9.2018

AMENDMENTS

19 - 175

Draft opinion

Henna Virkkunen

(PE625.455v01-00)

Proposal for a decision of the European Parliament and of the Council on establishing the specific programme implementing Horizon Europe – the Framework Programme for Research and Innovation

Proposal for a decision

(COM(2018)0436 – C8-0253/2018 – 2018/0225(COD))

Amendment 19
Marian-Jean Marinescu

Proposal for a decision
Recital 3

Text proposed by the Commission

(3) In order to ensure uniform conditions for the implementation of the Specific Programme, implementing powers should be conferred on the Commission to adopt work programmes for the implementation of the Specific Programme. ***Those powers should be exercised in accordance with Regulation (EU) No 182/2011 of the European Parliament and of the Council⁴.***

⁴ ***Regulation (EU) No 182/2011 of the European Parliament and of the Council of 16 February 2011 laying down the rules and general principles concerning mechanisms for control by the Member States of the Commission's exercise of implementing powers (OJ L 55, 28.2.2011, p. 13)***

Amendment

(3) In order to ensure uniform conditions for the implementation of the Specific Programme, ***delegated powers should be conferred to the Commission to adopt a Comprehensive Program and*** implementing powers should be conferred on the Commission to adopt work programmes ***scheduled in the Comprehensive Programme*** for the implementation of the Specific Programme.

Or. en

Amendment 20
Rosa D'Amato

Proposal for a decision
Recital 5

Text proposed by the Commission

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the

Amendment

(5) ***Acknowledging climate change as one of the biggest and most important global and societal challenges, and*** reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations

achievement of an overall target of **25 %** of the EU budget expenditures supporting climate objectives. Actions under **this** Specific Programme **are expected to** contribute **35%** of the overall financial envelope of the Specific Programme to climate **objectives**. Relevant actions will be identified during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of **30%** of the EU budget expenditures supporting climate objectives. Actions under **the** Specific Programme **should** contribute **at least 50%** of the overall financial envelope of the Specific Programme to **the** climate **objective, in order to support actions or parts of actions that will help to deliver a net-zero greenhouse gas (GHG) emission economy by 2050 at the latest**. Relevant actions will be identified **ex-ante and fully reflected** during the Specific Programme's preparation and implementation **in form of the Strategic plan and work programmes**, and reassessed in the context of the relevant evaluations and review processes, **thereby ensuring that the objective of investing at least 50% of the Programme's overall financial envelope to climate-related research and innovations achieved efficiently and in a timely manner**.

Or. en

Amendment 21 Merja Kyllönen

Proposal for a decision Recital 5

Text proposed by the Commission

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of 25 % of the EU budget expenditures supporting climate objectives. Actions under this Specific Programme are expected to contribute 35% of the overall financial

Amendment

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of 25 % of the EU budget expenditures supporting climate objectives, **while it should also be ensured that the remaining part of the expenditures will not create negative**

envelope of the Specific Programme to climate objectives. Relevant actions will be identified during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

climate and environmental effects.

Actions under this Specific Programme are expected to contribute 35% of the overall financial envelope of the Specific Programme to climate objectives. Relevant actions will be identified during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Or. en

Amendment 22

Nicola Caputo

Proposal for a decision

Recital 5

Text proposed by the Commission

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of 25 % of the EU budget expenditures supporting climate objectives. Actions under this Specific Programme are expected to contribute 35% of the overall financial envelope of the Specific Programme to climate objectives. Relevant actions will be identified during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Amendment

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of 25 % of the EU budget expenditures supporting climate objectives. Actions under this Specific Programme are expected to contribute 35% of the overall financial envelope of the Specific Programme to climate objectives. Relevant actions will be identified, ***in consultation with relevant stakeholders and civil society***, during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Or. en

Amendment 23

Jakop Dalunde

Proposal for a decision

Recital 5

Text proposed by the Commission

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of 25 % of the EU budget expenditures supporting climate objectives. Actions under this Specific Programme are expected to contribute **35%** of the overall financial envelope of the Specific Programme to climate objectives. Relevant actions will be identified during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Amendment

(5) Reflecting the importance of tackling climate change in line with the Union's commitments to implement the Paris Agreement and the United Nations Sustainable Development Goals, this Specific Programme will contribute to mainstream climate actions and to the achievement of an overall target of 25 % of the EU budget expenditures supporting climate objectives. Actions under this Specific Programme are expected to contribute **at least 50 %** of the overall financial envelope of the Specific Programme to climate objectives. Relevant actions will be identified during the Specific Programme's preparation and implementation, and reassessed in the context of the relevant evaluations and review processes.

Or. en

Amendment 24

Rosa D'Amato

Proposal for a decision

Recital 5 a (new)

Text proposed by the Commission

Amendment

(5a) Given the substantial negative impact of fossil fuels in fostering climate change, the Horizon Europe Programme should commit to the phasing out of fossil fuel by not providing any financial support to activities or investments related to the production, processing, distribution, storage or combustion of fossil fuels or any other activity that is detrimental to the climate and contradicts the EU's

commitment under the Paris Agreement.

Or. en

Amendment 25
Christine Revault d'Allonnes Bonnefoy

Proposal for a decision
Recital 5 a (new)

Text proposed by the Commission

Amendment

(5a) *The climate and environmental challenges that the European Union will have to face in the near future will require a major transition where our lifestyles are concerned, in particular as regards energy, economics and technology; the socio-economic impact of those changes will need to be anticipated to ensure that the transition is a fair as it can be.*

Or. fr

Amendment 26
Jakop Dalunde

Proposal for a decision
Recital 6

Text proposed by the Commission

Amendment

(6) The Specific Programme's actions should be used to address market failures or sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value.

(6) The Specific Programme's actions should be used to address market failures or sub-optimal investment situations, in a proportionate manner, without ***investing again in projects that are not innovative anymore or are already applicable, and without*** duplicating or crowding out private financing and have a clear European added value.

Or. en

Amendment 27

Nicola Caputo

Proposal for a decision

Recital 6

Text proposed by the Commission

(6) The Specific Programme's actions should be used to address market failures *or* sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value.

Amendment

(6) The Specific Programme's actions should be used to address market failures, ***in particular through R&I addressing neglected societal challenges that suffer from*** sub-optimal investment situations, in a proportionate manner, without duplicating or crowding out private financing and have a clear European added value.

Or. en

Amendment 28

Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Recital 7

Text proposed by the Commission

(7) Reflecting the important contribution that research and innovation should make to address challenges in food, agriculture, rural development and the bioeconomy, and to seize the corresponding research and innovation opportunities in close synergy with Common Agricultural Policy, relevant actions under the Specific Programme will be supported with EUR **10** billion for the cluster 'Food **and** Natural Resources' for the period 2021-2027.

Amendment

(7) Reflecting the important contribution that research and innovation should make to address challenges in food, agriculture, ***fisheries and aquaculture***, rural development and the bioeconomy, and to seize the corresponding research and innovation opportunities in close synergy with Common Agricultural Policy ***and Common Fisheries Policy***, relevant actions under the Specific Programme will be supported with EUR **16** billion for the cluster 'Food, Natural Resources, ***Seas and Oceans***' for the period 2021-2027.

Or. en

Amendment 29
Nicola Caputo

Proposal for a decision
Recital 9 a (new)

Text proposed by the Commission

Amendment

(9a) The Specific Programme should aim to increase the level of involvement of relevant stakeholders and civil society throughout the Programme, including in research agenda setting, implementation and communication.

Or. en

Amendment 30
Jakop Dalunde

Proposal for a decision
Article 2 – paragraph 2 – point b

Text proposed by the Commission

Amendment

(b) increasing collaboration across sectors and disciplines;

(b) increasing collaboration across sectors and **research** disciplines, **including social sciences and humanities**;

Or. en

Amendment 31
Maria Grapini

Proposal for a decision
Article 2 – paragraph 2 – point c

Text proposed by the Commission

Amendment

(c) connecting and developing research infrastructures across the European research area;

(c) connecting and developing research infrastructures across the European research area, **boosting Europe's competitiveness and making it a global frontrunner in the field of research and**

innovation;

Or. ro

Amendment 32

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Article 2 – paragraph 2 – point c

Text proposed by the Commission

(c) connecting *and* developing research infrastructures across the European research area;

Amendment

(c) connecting, developing *and facilitating wide access to* research infrastructures across the European Research Area *and enhancing its involvement in Horizon Europe's projects;*

Or. en

Amendment 33

Maria Grapini

Proposal for a decision

Article 2 – paragraph 2 – point d

Text proposed by the Commission

(d) strengthening international cooperation;

Amendment

(d) strengthening international cooperation *in order to boost productivity and competitiveness on the internal market;*

Or. ro

Amendment 34

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Article 2 – paragraph 2 – point e a (new)

Text proposed by the Commission

Amendment

(ea) widening participation in the Programme, including underrepresented EU Member States and EU R&I institutions;

Or. en

Amendment 35
Maria Grapini

Proposal for a decision
Article 2 – paragraph 2 – point f

Text proposed by the Commission

Amendment

(f) fostering open science and ensuring visibility to the public and open access to results;

(f) fostering open science and ensuring visibility to the public and open access to results, **thereby boosting the innovative potential of SMEs in particular;**

Or. ro

Amendment 36
Jakop Dalunde

Proposal for a decision
Article 2 – paragraph 2 – point k

Text proposed by the Commission

Amendment

(k) involving citizens and end-users **in** co-design and co-creation processes;

(k) involving **societal actors, including** citizens, **civil society** and end-users **organisations in R&I agenda-setting, including** co-design and co-creation processes;

Or. en

Amendment 37
Maria Grapini

Proposal for a decision
Article 2 – paragraph 2 – point n

Text proposed by the Commission

(n) improving skills for innovation;

Amendment

(n) improving skills for innovation ***in order to boost the competitiveness and sustainability of SMEs and effect a real change in the lives of individuals and society as a whole;***

Or. ro

Amendment 38
Maria Grapini

Proposal for a decision
Article 2 – paragraph 2 – point p

Text proposed by the Commission

(p) improving access to risk finance, in particular where the market does not provide viable financing.

Amendment

(p) improving access to risk finance, in particular ***for start-ups and SMEs***, where the market does not provide viable financing.

Or. ro

Amendment 39
Jakop Dalunde

Proposal for a decision
Article 3 – paragraph 1 – point 2 – introductory part

Text proposed by the Commission

(2) Pillar II 'Global Challenges and ***Industrial Competitiveness***' with the following components:

Amendment

(2) Pillar II 'Global ***Societal*** Challenges and ***a net-zero GHG emission Economy***' with the following components:

Or. en

Amendment 40

Marian-Jean Marinescu

Proposal for a decision

Article 3 – paragraph 1 – point 2 – introductory part

Text proposed by the Commission

(2) Pillar II '**Global Challenges and Industrial** Competitiveness' with the following components:

Amendment

(2) Pillar II 'Competitiveness' with the following components:

Or. en

Amendment 41

Marian-Jean Marinescu

Proposal for a decision

Article 3 – paragraph 1 – point 2 – point c

Text proposed by the Commission

(c) cluster '**Digital and** Industry', as described in Annex I, Pillar II, section 3;

Amendment

(c) cluster '**Climate, Industry and Space**', as described in Annex I, Pillar II, section 3;

Or. en

Amendment 42

Marian-Jean Marinescu

Proposal for a decision

Article 3 – paragraph 1 – point 2 – point d

Text proposed by the Commission

(d) cluster '**Climate, Energy and Mobility**', as described in Annex I, Pillar II, section 4;

Amendment

(d) cluster '**Digital, Energy and Mobility**', as described in Annex I, Pillar II, section 4;

Or. en

Amendment 43

Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Article 3 – paragraph 1 – point 2 – point e

Text proposed by the Commission

(e) cluster Food **and** Natural Resources', as described in Annex I, Pillar II, section 5;

Amendment

(e) cluster Food, Natural Resources, **Seas and Oceans**', as described in Annex I, Pillar II, section 5;

Or. en

Amendment 44

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Article 3 – paragraph 1 – point 4 – point a

Text proposed by the Commission

(a) **sharing** excellence, as described in Annex I, Part 'Strengthening the European Research Area', section 1;

Amendment

(a) **spreading** excellence **and widening participation**, as described in Annex I, Part 'Strengthening the European Research Area', section 1;

Or. en

Amendment 45

Marian-Jean Marinescu

Proposal for a decision

Article 4 – paragraph 1

Text proposed by the Commission

1. In accordance with Article 9(1) of Regulation ... FP/RfP Regulation, the financial envelope for the implementation of the Specific Programme for the period 2021 to 2027 shall be EUR **94 100 000 000** **in current** prices.

Amendment

1. In accordance with Article 9(1) of Regulation ... FP/RfP Regulation, the financial envelope for the implementation of the Specific Programme for the period 2021 to 2027 shall be EUR **116 895 000 000** **in constant** prices.

Amendment 46
Rolandas Paksas

Proposal for a decision
Article 4 – paragraph 1

Text proposed by the Commission

1. In accordance with Article 9(1) of Regulation ... FP/RfP Regulation, the financial envelope for the implementation of the Specific Programme for the period 2021 to 2027 shall be EUR **94 100 000 000** in current prices.

Amendment

1. In accordance with Article 9(1) of Regulation ... FP/RfP Regulation, the financial envelope for the implementation of the Specific Programme for the period 2021 to 2027 shall be EUR **120 000 000 000** in current prices.

Amendment 47
Gabriele Preuß, Ismail Ertug, David-Maria Sassoli, Michael Detjen, Peter Kouroumbashev

Proposal for a decision
Article 4 – paragraph 1

Text proposed by the Commission

1. In accordance with Article 9(1) of Regulation ... FP/RfP Regulation, the financial envelope for the implementation of the Specific Programme for the period 2021 to 2027 shall be EUR **94 100 000 000** in current prices.

Amendment

1. In accordance with Article 9(1) of Regulation ... FP/RfP Regulation, the financial envelope for the implementation of the Specific Programme for the period 2021 to 2027 shall be EUR **120 000 000 000** in current prices.

Amendment 48
Marian-Jean Marinescu

Proposal for a decision
Article 4 – paragraph 1 a (new)

Text proposed by the Commission

Amendment

1a. In addition the amount of EUR 3 105 000 000 transferred to Invest EU.

Or. en

Amendment 49

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Article 5 – paragraph 1 – introductory part

Text proposed by the Commission

Amendment

1. For each mission, a mission board may be established. It shall be composed of around 15 high level individuals including relevant end-users' representatives. The mission board shall advise **upon** the following:

1. For each mission, a mission board may be established **for co-designing and steering implementation**. It shall be composed of around 15 high level individuals including relevant end-users' representatives. The mission board shall **include, inter alia, representatives from academia, research and technology organisations, industry of all sizes, and relevant end-users' representatives and civil society organisations. The members of the mission board shall be appointed by the Commission, following an independent and transparent procedure for their selection, including an open call for expressions of interest. They shall** advise **on** the following:

Or. en

Amendment 50

Marian-Jean Marinescu

Proposal for a decision

Article 5 – paragraph 1 – introductory part

Text proposed by the Commission

Amendment

1. For each mission, a mission board may be established. It shall be composed of

1. For each mission, a mission board may be established. It shall be composed

around 15 high level individuals including relevant end-users' representatives. The mission board shall advise upon the following:

of *maximum* 15 high level individuals including relevant end-users' representatives *appointed by the Commission following a transparent and independent recruitment process with participants of applicants from all Member States*. The mission board shall advise upon the following:

Or. en

Amendment 51
Maria Grapini

Proposal for a decision
Article 6 – paragraph 3 – subparagraph 2

Text proposed by the Commission

The President shall be appointed by the Commission following a transparent recruitment process involving an independent dedicated search committee, for a term of office limited to four years, renewable once. The recruitment process and the candidate selected shall have the approval of the Scientific Council.

Amendment

The President shall be appointed by the Commission following a transparent recruitment process involving an independent dedicated search committee, for a term of office limited to four years, renewable once. The recruitment process and the candidate selected shall have the approval of the Scientific Council. **Public notification of the recruitment procedure shall be given at least 90 days before the recruitment date.**

Or. ro

Amendment 52
Rosa D'Amato

Proposal for a decision
Article 6 – paragraph 3 – subparagraph 2

Text proposed by the Commission

The President shall be appointed by the Commission following a transparent recruitment process involving an independent dedicated search committee,

Amendment

The President shall be appointed by the Commission following a transparent recruitment process involving an independent dedicated search committee,

for a term of office limited to **four** years, renewable once. The recruitment process and the candidate selected shall have the approval of the Scientific Council.

for a term of office limited to **three** years, renewable once. The recruitment process and the candidate selected shall have the approval of the Scientific Council.

Or. en

Amendment 53
Marian-Jean Marinescu

Proposal for a decision
Article 7 – paragraph 1 – subparagraph 1

Text proposed by the Commission

The Scientific Council shall be composed of scientists, engineers and scholars of the highest repute and appropriate expertise, of both women and men in different age groups, ensuring a diversity of research areas and acting in their personal capacity, independent of extraneous interests.

Amendment

The Scientific Council shall be composed of **27 members from all Member States**, scientists, engineers and scholars of the highest repute and appropriate expertise, of both women and men in different age groups, ensuring a diversity of research areas and acting in their personal capacity, independent of extraneous interests.

Or. en

Amendment 54
Maria Grapini

Proposal for a decision
Article 7 – paragraph 1 – subparagraph 1

Text proposed by the Commission

The Scientific Council shall be composed of scientists, engineers and scholars of the highest repute and appropriate expertise, of both women and men in different age groups, ensuring a diversity of research areas and acting in their personal capacity, independent of extraneous interests.

Amendment

The Scientific Council shall be composed of scientists, engineers and scholars **from the EU Member States who are** of the highest repute and appropriate expertise, of both women and men in different age groups, ensuring a diversity of research areas and acting in their personal capacity, independent of extraneous interests.

Or. ro

Amendment 55

Maria Grapini

Proposal for a decision

Article 7 – paragraph 1 – subparagraph 2

Text proposed by the Commission

The members of the Scientific Council shall be appointed by the Commission, following an independent and transparent procedure for their identification agreed with the Scientific Council, including a consultation of the scientific community and a report to the European Parliament and the Council.

Amendment

The members of the Scientific Council shall be appointed by the Commission, following an independent and transparent procedure for their identification agreed with the Scientific Council, including a consultation of the scientific community and a report to the European Parliament and the Council. ***Public notification of the selection procedure shall be given at least 90 days before commencement thereof.***

Or. ro

Amendment 56

Rosa D'Amato

Proposal for a decision

Article 7 – paragraph 1 – subparagraph 3

Text proposed by the Commission

Their term of office shall be limited to ***four*** years, renewable once, on the basis of a rotating system which shall ensure the continuity of the work of the Scientific Council.

Amendment

Their term of office shall be limited to ***three*** years, renewable once, on the basis of a rotating system which shall ensure the continuity of the work of the Scientific Council.

Or. en

Amendment 57

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Article 9 – paragraph 1

Text proposed by the Commission

1. The Commission shall establish a European Innovation Council (EIC) for implementing actions under Pillar III '**Open Innovation**' which relate to the EIC. The EIC shall operate according to the following principles: focus on breakthrough and disruptive innovation, autonomy, ability to take risk, efficiency, effectiveness, transparency and accountability.

Amendment

1. The Commission shall establish a European Innovation Council (EIC) for implementing actions under Pillar III '**Innovative Europe**' which relate to the EIC. The EIC shall operate according to the following principles: focus on **new ideas, which could lead to** breakthrough and disruptive **societal, economic and technological** innovation, autonomy, ability to take risk, efficiency, effectiveness, transparency and accountability, **alignment with the overall strategy for Union competitiveness and subsidiarity, while strengthening EU global competitiveness and R&I capacity of all Member States.**

Or. en

Amendment 58
Marian-Jean Marinescu

Proposal for a decision
Article 10 – paragraph 3 – subparagraph 1

Text proposed by the Commission

The EIC Board shall be composed of **15 to 20** high level individuals drawn from various parts of Europe's innovation ecosystem, including entrepreneurs, corporate leaders, investors and researchers. It shall contribute to outreach actions, with EIC Board members striving to enhance the prestige of the EIC brand.

Amendment

The EIC Board shall be composed of **27** high level individuals **from all Member States** drawn from various parts of Europe's innovation ecosystem, including entrepreneurs, corporate leaders, investors and researchers. It shall contribute to outreach actions, with EIC Board members striving to enhance the prestige of the EIC brand.

Or. en

Amendment 59
Rosa D'Amato

Proposal for a decision

Article 10 – paragraph 3 – subparagraph 3

Text proposed by the Commission

Their term of office shall be limited to two years, renewable **twice**, with a rolling appointments system (members appointed every two years).

Amendment

Their term of office shall be limited to two years, renewable **once**, with a rolling appointments system (members appointed every two years).

Or. en

Amendment 60

Rosa D'Amato

Proposal for a decision

Article 10 – paragraph 4 – subparagraph 2

Text proposed by the Commission

The President shall be appointed for a term of office limited to four years, renewable **once**.

Amendment

The President shall be appointed for a term of office limited to four years, **not** renewable.

Or. en

Amendment 61

Marian-Jean Marinescu

Proposal for a decision

Article 11 – paragraph 1 – subparagraph 1

Text proposed by the Commission

The Programme shall be implemented by work programmes referred to in Article 110 of Financial Regulation. They shall be prepared following a strategic planning process as described in Annex I to this Decision.

Amendment

The Programme shall be implemented by work programmes referred to in Article 110 of Financial Regulation. They shall be prepared **based on the strategic plan**, following a strategic planning process as described in Annex I to this Decision. **The Commission shall present the strategic plan at the latest on December 31, 2021 together with a Comprehensive Programme by means of delegated acts in accordance with Article 12 a. The Strategic Plan and Comprehensive Programme may be modified after a**

minimum two years period from the last proposal.

The Commission will present an implementing act regarding the procedure to adapt the strategic plan and the Comprehensive Programme to crises and emergencies.

Or. en

Amendment 62

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Article 11 – paragraph 2 – point b

Text proposed by the Commission

(b) all clusters under the pillar 'Global Challenges and Industrial Competitiveness', MSCA, research infrastructures, support to innovation ecosystems, *sharing* excellence and reforming and enhancing the European R&I System, in accordance with the examination procedure referred to in Article 12(4);

Amendment

(b) all clusters under the pillar 'Global Challenges and **European** Industrial Competitiveness', MSCA, research infrastructures, support to **research and innovation** ecosystems, **spreading** excellence and **widening participation**, reforming and enhancing the European R&I System, in accordance with the examination procedure referred to in Article 12(4);

Or. en

Amendment 63

Marian-Jean Marinescu

Proposal for a decision

Article 11 – paragraph 2 – point b

Text proposed by the Commission

(b) all clusters under the pillar '**Global Challenges and Industrial** Competitiveness', MSCA, research infrastructures, support to innovation ecosystems, sharing excellence and reforming and enhancing the European

Amendment

(b) all clusters under the pillar 'Competitiveness', MSCA, research infrastructures, support to innovation ecosystems, sharing excellence and reforming and enhancing the European R&I System, in accordance with the

R&I System, in accordance with the examination procedure referred to in Article 12(4);

examination procedure referred to in Article 12(4);

Or. en

Amendment 64
Marian-Jean Marinescu

Proposal for a decision
Article 12 a (new)

Text proposed by the Commission

Amendment

Article 12a

Exercise of the regulation

- 1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.***
- 2. The power to adopt delegated acts referred to in Article 11(1) shall be conferred on the Commission until 31 December 2028.***
- 3. The delegation of power referred to in Article 11(1) may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of power specified in that decision. It shall take effect the day following the publication of the decision in the Official Journal of the European Union or at a later date specified therein. It shall not affect the validity of any delegated acts already in force.***
- 4. Before adopting a delegated act, the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement on Better Law-Making of 13 April 2016.***
- 5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European***

Parliament and to the Council.

6. A delegated act adopted pursuant to Article 11(1) shall enter into force if no objection has been expressed either by the European Parliament or by the Council within a period of two months of notification of that act to the European Parliament and the Council or if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period shall be extended by two months at the initiative of the European Parliament or of the Council.

Or. en

Amendment 65

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – paragraph 13

Text proposed by the Commission

Amendment

While the European Institute of Innovation and Technology's (EIT) focus on innovation ecosystems makes it naturally fit within the Open Innovation pillar of Horizon Europe, the planning of the EIT Knowledge and Innovation Communities (KICs) will be aligned through the Strategic Planning process with the Global Challenges and Industrial Competitiveness pillar.

deleted

Or. en

Amendment 66

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – paragraph 13 a (new)

Horizon Europe will provide the possibility for all types of beneficiaries to apply for funding in a faster manner in selected parts of the Programme. This approach will support research and innovation in all clusters, EIC and "spreading excellence and widening participation" part, covering actions from fundamental research to close to market. Building on the success of the existing Fast Track to Innovation instrument in Horizon 2020, this approach will have a bottom-up-driven logic on the basis of continuously open calls and time to grant not exceeding six months. In the "spreading excellence and widening participation" part, this approach will also support less developed performing Member States to access funds in a faster and bottom-up manner. At least 15% of the budget of the Programme shall be granted following a fast track logic. No more than five legal entities shall participate in any one action.

Or. en

Amendment 67
Marian-Jean Marinescu

Proposal for a decision
Annex I – paragraph 14

Text proposed by the Commission

Horizon Europe will provide dedicated support for open access to scientific publications, to knowledge repositories and other data sources. Dissemination and knowledge diffusion actions will be supported, also from cooperation with other EU programmes, including clustering and packaging results and data in languages and formats for target audiences and networks for citizens, industry, public

Amendment

Horizon Europe will provide dedicated support for open access to scientific publications, to knowledge repositories and other data sources. Dissemination and knowledge diffusion actions will be supported, also from cooperation with other EU programmes, including clustering and packaging results and data in languages and formats for target audiences and networks for citizens, industry, public

administrations, academia, civil society organisations, and policy makers. For this purpose, Horizon Europe may make use of advanced technologies and intelligence tools.

administrations, academia, civil society organisations, and policy makers. For this purpose, Horizon Europe may make use of advanced technologies and intelligence tools.

The Commission will implement an instrument to make public in real time, the implementation of the Programme, including data about the participants, financing amounts and market uptake.

Or. en

Amendment 68
Nicola Caputo

Proposal for a decision
Annex I – paragraph 15

Text proposed by the Commission

There will be appropriate support for mechanisms to communicate the programme to potential applicants (e.g. National Contact Points).

Amendment

There will be appropriate support for mechanisms to communicate the programme to potential applicants ***and citizens through awareness raising campaigns and other promotion initiatives*** (e.g. National Contact Points).

Or. en

Amendment 69
Rosa D'Amato

Proposal for a decision
Annex I – part I – point 2 – point 2.1 – paragraph 1

Text proposed by the Commission

Europe needs a highly-skilled and resilient human ***capital base*** in research and innovation that can easily adapt to and find sustainable solutions for future challenges, such as major demographic changes in Europe. To ensure ***excellence***, researchers need to be mobile, collaborate and diffuse

Amendment

Europe needs a ***quantitatively important pool of*** highly-skilled and resilient human ***resources*** in research and innovation that can easily adapt to and find sustainable solutions for ***current and future societal*** challenges, such as, ***in e.g.***, major demographic changes in Europe. To ensure

knowledge across countries, sectors and disciplines, with the right combination of knowledge and skills to tackle societal challenges and support innovation.

top quality, researchers need to be mobile, collaborate and diffuse knowledge across countries, sectors and disciplines, with the right combination of knowledge and skills to tackle societal challenges and support innovation.

Or. en

Amendment 70

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – part I – point 2 – point 2.1 – paragraph 2

Text proposed by the Commission

Europe is a scientific powerhouse with around 1.8 million researchers working in thousands of universities, research centres and world-leading companies. However, it is estimated that the EU will need to train and employ at least one million new researchers by 2027 in order to achieve the targets beings set for increased investment in research and innovation. This need is particularly acute in the non-academic sector. The EU must reinforce its efforts to entice more young women and men to a career in research, to attract researchers from third countries, retain its own researchers and reintegrate European researchers working elsewhere back to Europe. In addition, in order to more widely spread excellence, the conditions under which researchers perform must be further improved throughout the European Research Area (ERA). In this respect, stronger links are needed notably with the European Education Area (EEaA), the European Regional Development Fund (ERDF), and European Social Fund (ESF+).

Amendment

Europe is a scientific powerhouse with around 1.8 million researchers working in thousands of universities, research centres and world-leading companies. However, it is estimated that the EU will need to train and employ at least one million new researchers by 2027 in order to achieve the targets beings set for increased investment in research and innovation. This need is particularly acute in the non-academic sector. The EU must reinforce its efforts to entice more young women and men to a career in research, to attract researchers from third countries, retain its own researchers and reintegrate European researchers working elsewhere back to Europe.

To achieve that goal, attention should be paid to schemes facilitating the balance between family and work life, including adding more flexibility for both, female and male, researchers to facilitate the reconciliation of work and family life. Guaranteeing full gender equality in all sectors including science, technology and innovation is an essential condition for global economic development.

In addition, in order to ***ensure synergies and*** more widely spread excellence, ***the Seal of Excellence label will continue to***

be applied to calls under MSCA; the conditions under which researchers perform must be further improved throughout the European Research Area (ERA) including addressing the remuneration gap among researchers from different EU Member States involved in the EU R&I Framework Programmes' projects. In this respect, stronger links are needed notably with the European Education Area (EEA), the European Regional Development Fund (ERDF), and European Social Fund (ESF+).

Or. en

Amendment 71
Rosa D'Amato

Proposal for a decision
Annex I – part I – point 2 – point 2.1 – paragraph 7

Text proposed by the Commission

The MSCA contribute to making the ERA more effective, competitive and attractive on a global scale. This *can be* achieved by focusing on a new generation of highly-skilled researchers and providing support for emerging talent from across the EU and beyond; by fostering the diffusion and application of new knowledge and ideas to European policies, the economy and society, inter alia through improved science communication and public outreach measures; by facilitating cooperation between research-performing organisations; and by having a pronounced structuring impact on the ERA, advocating an open labour market and setting standards for quality training, attractive employment conditions and open recruitment for all researchers.

Amendment

The MSCA contribute to making the ERA more effective, competitive and attractive on a global scale. This *is* achieved by focusing on a new generation of highly-skilled researchers and providing support for emerging talent from across the EU and beyond; by fostering the diffusion and application of new knowledge and ideas to European policies, the economy and society, inter alia through improved science communication and public outreach measures; by facilitating cooperation between research-performing organisations; and by having a pronounced structuring impact on the ERA, advocating an open labour market and setting standards for quality training, attractive employment conditions and open *transparent and merit-based* recruitment for all researchers.

Or. en

Amendment 72

Rosa D'Amato

Proposal for a decision

Annex I – part I – point 2 – point 2.2 – point 2.2.1 – paragraph 2 – indent 1

Text proposed by the Commission

– Mobility experiences within or outside Europe for the best or most promising researchers regardless of nationality to undertake **excellent** research and develop their skills as well as career in both the academic and non-academic sector.

Amendment

– Mobility experiences within or outside Europe for the best or most promising researchers regardless of nationality to undertake **top quality** research and develop their skills as well as career in both the academic and non-academic sector.

Or. en

Amendment 73

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – part I – point 3 – point 3.1 – paragraph 2

Text proposed by the Commission

The overall aim is to **endow Europe** with world-class sustainable research infrastructures open and accessible to all researchers in Europe and beyond, which fully exploit their potential for scientific advance and innovation. Key objectives are to reduce the fragmentation of the research and innovation ecosystem, avoiding duplication of effort, and better coordinate the development **and use** of research infrastructures. It is crucial to support open access to research infrastructures for all European researchers as well as, through the European Open Science Cloud (hereafter 'EOSC'), increased access to digital research resources, specifically tackling the currently sub-optimal embracement of open science and open data practises. Equally, the EU needs to

Amendment

The overall aim is to **improve Europe's endowment** with world-class sustainable research infrastructures open and accessible to all researchers in Europe and beyond, which fully exploit their potential for scientific advance and innovation. Key objectives are to reduce the fragmentation of the research and innovation ecosystem, **ensure continuous modernisation** avoiding duplication of effort, and better coordinate the development, **use and accessibility** of research infrastructures **as well as its better involvement in Horizon Europe's projects, including research infrastructures founded by the EU, particularly from ERDF. This will provide clear synergies between Horizon Europe and conducted national and regional strategies.** It is **also** crucial to support open

tackle the rapid increase of global competition for talent by attracting third country researchers to work with European world-class research infrastructures. Increasing the competitiveness of European industry is also a major objective, supporting key technologies and services relevant for research infrastructures and their users, thus improving the conditions for supply of innovative solutions.

access to research infrastructures for all European researchers as well as, through the European Open Science Cloud (hereafter 'EOSC'), increased access to digital research resources, specifically tackling the currently sub-optimal embracement of open science and open data practises. Equally, the EU needs to tackle the rapid increase of global competition for talent by attracting third country researchers to work with European world-class research infrastructures. Increasing the competitiveness of European industry is also a major objective, supporting key technologies and services relevant for research infrastructures and their users, thus improving the conditions for supply *and utilisation* of innovative solutions.

Or. en

Amendment 74
Rosa D'Amato

Proposal for a decision
Annex I – part II – paragraph 1

Text proposed by the Commission

Many of the challenges which confront the EU are also global challenges. The scale and complexity of the problems are vast, and need to be matched by the appropriate *money*, resources and effort in order to find solutions. These are precisely the areas where the EU must work together; smart, flexible and joined-up for the benefit and well-being of our citizens.

Amendment

In an interconnected world, the major challenges which confront the EU are also global challenges. The scale and complexity of the problems are vast, and need to be matched by *adequate, properly trained and skilled human resources*, by the appropriate *amount of financial* resources and *a proportionate* effort in order to find solutions. These are precisely the areas where the EU must work together; *inclusive*, smart, flexible and joined-up for the benefit and well-being of *all* our citizens.

Or. en

Amendment 75
Rosa D'Amato

Proposal for a decision
Annex I – part II – paragraph 5

Text proposed by the Commission

Research and innovation *under this pillar of Horizon Europe is grouped into integrated clusters of activities. Rather than addressing sectors, the investments aim at systemic changes for our society and economy along a sustainability vector. These will only be achieved if all actors, both private and public, engage in co-designing and co-creating research and innovation; bringing together end-users, scientists, technologists, producers, innovators, businesses, educators, citizens and civil society organisations. Therefore, none of the thematic clusters is intended for only one set of actors.*

Amendment

Research and innovation *are key drivers for competitiveness and for the transition to a net zero GHG and inclusive economy, and they will contribute to finding solutions to today's problems and to prevent potentially negative and dangerous links between economic development, the use of natural resources and social issues, by turning these links into new jobs and business opportunities and, ultimately, prosperity for all EU citizens.*

Or. en

Amendment 76
Cláudia Monteiro de Aguiar

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.2 – introductory part

Text proposed by the Commission

2.2.2. Cultural Heritage

Amendment

2.2.2. Cultural heritage *and tourism*

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 77
David-Maria Sassoli

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 1

Text proposed by the Commission

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial **and creative** sectors **that** are drivers of sustainable economic growth, new job creation and external trade.

Amendment

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries **as well as the tourism sector**. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, **the creative and the** entrepreneurial sectors **such as tourism** are drivers of sustainable economic growth, new job creation and external trade.

Or. en

Amendment 78
Rolandas Paksas

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 1

Text proposed by the Commission

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries. Accessing, conserving, safeguarding and restoring, interpreting

Amendment

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries **as well as the tourism sector**. Accessing, conserving, safeguarding and

and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative sectors that are drivers of sustainable economic growth, new job creation and external trade.

restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative sectors *such as tourism* that are drivers of sustainable economic growth, new job creation and external trade.

Or. en

Amendment 79
István Ujhelyi

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 1

Text proposed by the Commission

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative sectors *that* are drivers of sustainable economic growth, new job creation and external trade.

Amendment

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries *as well as the tourism sector*. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative sectors *such as tourism* are drivers of sustainable economic growth, new job creation and external trade.

Or. en

Justification

"Culture has an immeasurable inherent value to host communities, and as such, constitutes one of the most important assets for tourism. Equally, tourism can be a considerable force for the promotion and conservation of tangible and intangible heritage while encouraging the

development of arts, crafts and other creative activities. Tourism destinations owe much of their attraction to culture, which can transform conventional tourism into creative tourism, providing more authentic and genuine experiences."

Amendment 80

Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 1

Text proposed by the Commission

Cultural heritage *is* the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial *and creative* sectors that are drivers of sustainable economic growth, new job creation and external trade.

Amendment

Cultural heritage the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries *and the tourism sector*. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial, *creative and tourism* sectors that are drivers of sustainable economic growth, new job creation and external trade.

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 81

Henna Virkkunen

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 1

PE627.766v02-00

34/82

AM\1163217EN.docx

Text proposed by the Commission

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative sectors that are drivers of sustainable economic growth, new job creation and external trade.

Amendment

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries **as well as the tourism sector**. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative sectors that are drivers of sustainable economic growth, new job creation and external trade.

Or. en

Amendment 82

Elżbieta Katarzyna Łukacijewska

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 1

Text proposed by the Commission

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial and creative

Amendment

Cultural heritage is the fabric of our lives, meaningful to communities, groups and societies, giving a sense of belonging. It is the bridge between the past and the future of our societies. It is a driving force of local economies and a powerful source of inspiration for creative and cultural industries **and tourism**. Accessing, conserving, safeguarding and restoring, interpreting and harnessing the full potential of our cultural heritage are crucial challenges now and for future generations. Cultural heritage is the major input and inspiration for the arts, traditional craftsmanship, the cultural, entrepreneurial

sectors that are drivers of sustainable economic growth, new job creation and external trade.

and creative sectors that are drivers of sustainable economic growth, new job creation and external trade.

Or. en

Amendment 83
István Ujhelyi

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Connect cultural heritage with emerging creative sectors;

Amendment

– Connect cultural heritage with emerging creative sectors ***as well as tourism***;

Or. en

Justification

"Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all (SDG 8) Tourism is one of the driving forces of global economic growth and currently provides for 1 in 11 jobs worldwide. By giving access to decent work opportunities in the tourism sector, society –particularly youth and women – can benefit from increased skills and professional development. The sectors' contribution to job creation is recognized in Target 8.9 "By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products".

Amendment 84
Henna Virkkunen

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Connect cultural heritage with emerging creative sectors;

Amendment

– Connect cultural heritage with emerging creative sectors ***as well as tourism***;

Or. en

Amendment 85
Rolandas Paksas

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Connect cultural heritage with emerging creative sectors;

Amendment

– Connect cultural heritage with emerging creative sectors **as well as tourism**;

Or. en

Justification

Culture has an immeasurable inherent value to host communities, and as such, constitutes one of the most important assets for tourism. Equally, tourism can be a considerable force for the promotion and conservation of tangible and intangible heritage while encouraging the development of arts, crafts and other creative activities.

Amendment 86
David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Connect cultural heritage with emerging creative sectors;

Amendment

– Connect cultural heritage with emerging creative sectors **as well as tourism**;

Or. en

Amendment 87
Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Connect cultural heritage with emerging creative sectors;

Amendment

– Connect cultural heritage with emerging creative sectors **and tourism**;

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 88

Elżbieta Katarzyna Łukacijewska

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Connect cultural heritage with emerging creative sectors;

Amendment

– Connect cultural heritage with emerging creative sectors **and tourism**;

Or. en

Amendment 89

Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.2 – indent 1 (new)

*Text proposed by the Commission**Amendment*

– ***Approaches, innovative technologies, business digitisation and professional skills in the tourism sector;***

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 90
Cláudia Monteiro de Aguiar

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.2 – indent 2 (new)

Text proposed by the Commission

Amendment

- ***Knowledge base for the development of tourism, as well as challenges and opportunities;***

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 91
David-Maria Sassoli

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.4 – paragraph 2 – indent 2

Text proposed by the Commission

Amendment

- The capacities of society to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks

- The capacities of society ***and businesses highly sensitive to force majeure events, as is the case of the travel and tourism industry***, to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks;

Or. en

Amendment 92
István Ujhelyi

Proposal for a decision
Annex I – part II – point 2 – point 2.2 – point 2.2.4 – paragraph 2 – indent 2

Text proposed by the Commission

- The capacities of society to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks

Amendment

- The capacities of society **and businesses highly sensitive to force majeure events, as is the case of the travel and tourism industry**, to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks;

Or. en

Justification

"Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation (SDG 9) Tourism development relies on good public and privately supplied infrastructure and an innovative environment. The sector can also incentivize national governments to upgrade their infrastructure and retrofit their industries making them more sustainable, resource efficient and clean, as a means to attract tourists and others sources of foreign investment. This should also facilitate further sustainable industrialization, necessary for economic growth, development and innovation."

Amendment 93
Rolandas Paksas

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.4 – paragraph 2 – indent 2

Text proposed by the Commission

- The capacities of society to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks

Amendment

- The capacities of society **and businesses highly sensitive to force majeure events, as is the case of the travel and tourism industry**, to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks;

Or. en

Justification

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation (SDG 9) Tourism development relies on good public and privately supplied infrastructure and an innovative environment. The sector can also incentivize national

governments to upgrade their infrastructure and retrofit their industries making them more sustainable, resource efficient and clean, as a means to attract tourists and others sources of foreign investment.

Amendment 94

Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.4 – paragraph 2 – indent 2

Text proposed by the Commission

– The capacities of society to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks

Amendment

– The capacities of society ***and the private sector, in particular the tourism and travel industry, which is most vulnerable***, to better manage and reduce disaster risk, including through nature-based solutions, by enhancing prevention, preparedness and response to existing and new risks

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 95

Rosa D'Amato

Proposal for a decision

Annex I – part II – point 2 – point 2.2 – point 2.2.4 – paragraph 2 – indent 3 a (new)

Text proposed by the Commission

Amendment

– ***Actions for emissions reduction and adaptation to climate change;***

Or. en

Amendment 96
Marian-Jean Marinescu

Proposal for a decision
Annex I – part II – point 3 – introductory part

Text proposed by the Commission

3. CLUSTER '**DIGITAL AND INDUSTRY**'

Amendment

3. CLUSTER
'**CLIMATE, INDUSTRY and SPACE**'

Or. en

Amendment 97
István Ujhelyi

Proposal for a decision
Annex I – part II – point 3 – point 3.2 – point 3.2.5 – paragraph 2 – indent 2

Text proposed by the Commission

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking;

Amendment

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking, **e-commerce**;

Or. en

Amendment 98
Elżbieta Katarzyna Łukacijewska

Proposal for a decision
Annex I – part II – point 3 – point 3.2 – point 3.2.5 – paragraph 2 – indent 2

Text proposed by the Commission

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data,

Amendment

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data,

transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking;

transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking, *e-commerce*;

Or. en

Amendment 99
Henna Virkkunen

Proposal for a decision
Annex I – part II – point 3 – point 3.2 – point 3.2.5 – paragraph 2 – indent 2

Text proposed by the Commission

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking;

Amendment

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking, *e-commerce*;

Or. en

Amendment 100
Rolandas Paksas

Proposal for a decision
Annex I – part II – point 3 – point 3.2 – point 3.2.5 – paragraph 2 – indent 2

Text proposed by the Commission

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects,

Amendment

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects,

information and content, including immersive and trustworthy media, social media and social networking;

information and content, including immersive and trustworthy media, social media and social networking, *e-commerce*;

Or. en

Amendment 101
David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 3 – point 3.2 – point 3.2.5 – paragraph 2 – indent 2

Text proposed by the Commission

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking;

Amendment

– Next Generation Internet applications and services for consumers, industry and society building on trust, interoperability, better user control of data, transparent language access, new multi modal interaction concepts, inclusive and highly personalised access to objects, information and content, including immersive and trustworthy media, social media and social networking, *e-commerce*;

Or. en

Amendment 102
Rosa D'Amato

Proposal for a decision

Annex I – part II – point 3 – point 3.2 – point 3.2.9 – paragraph 3 – indent 1

Text proposed by the Commission

– European Global Navigation Satellite Systems (Galileo and EGNOS): innovative applications, global uptake including international partners, solutions improving robustness, authentication, integrity of services, development of fundamental elements such as chipsets, receivers and antennas, sustainability of supply chains, new technologies (e.g. quantum technologies, optical links,

Amendment

– European Global Navigation Satellite Systems (Galileo and EGNOS): innovative applications, global uptake including international partners, solutions improving robustness, authentication, integrity of services, development of fundamental elements such as chipsets, receivers and antennas, sustainability of supply chains, new technologies (e.g. quantum technologies,

reprogrammable payloads), towards sustained exploitation of services for impact on societal challenges. Next generation systems development for new challenges such as security or autonomous driving;

optical links, reprogrammable payloads), towards sustained exploitation of services for impact on societal challenges. Next generation systems development for new challenges such as **natural disaster risk reduction**, security or autonomous driving;

Or. en

Amendment 103
Rosa D'Amato

Proposal for a decision

Annex I – part II – point 3 – point 3.2 – point 3.2.9 – paragraph 3 – indent 2

Text proposed by the Commission

– Copernicus: innovative applications, global uptake and international partners, robustness and evolution of services, sustainability of supply chains, sensors, systems and mission concepts (e.g. High Altitude Platforms, drones, light satellites); calibration and validation; sustained exploitation of services and impact on societal challenges; Earth observation data techniques, big data, computing resources and algorithmic tools. Next generation systems development for new challenges such as climate change, and security;

Amendment

– Copernicus: innovative applications, global uptake and international partners, robustness and evolution of services, sustainability of supply chains, sensors, systems and mission concepts (e.g. High Altitude Platforms, drones, light satellites); calibration and validation; sustained exploitation of services and impact on societal challenges; Earth observation data techniques, big data, computing resources and algorithmic tools. Next generation systems development for new challenges such as **disaster risk reduction**, climate change, and security;

Or. en

Amendment 104
Marian-Jean Marinescu

Proposal for a decision

Annex I – part II – point 4 – introductory part

Text proposed by the Commission

4. CLUSTER '**CLIMATE**, ENERGY

Amendment

4. CLUSTER '**DIGITAL**, ENERGY

Amendment 105
Inés Ayala Sender

Proposal for a decision
Annex I – part II – point 4 – point 4.1 – paragraph 2

Text proposed by the Commission

To meet the objectives of the Paris Agreement the EU will need to transition to low-carbon, resource-efficient and resilient economies and societies. This will be based on profound changes in technology and services, to the ways in which businesses and consumers behave, as well as involving new forms of governance. Limiting the increase of global average temperature to well below 2°C, and pursuing efforts to limit the temperature increase to 1.5°C, requires rapid progress in decarbonising the energy system and substantially reducing greenhouse-gas (GHG) emissions from the transport sector¹⁷. It will also need new impetus to accelerate the pace of developing next-generation breakthroughs as well as demonstrating and deploying innovative technologies and solutions, using also the opportunities provided by digital and space technologies. This will be pursued through an integrated approach encompassing decarbonisation, resource efficiency, reduction of air pollution, access to raw materials and circular economy.

Amendment

To meet the objectives of the Paris Agreement the EU will need to transition to low-carbon, resource-efficient and resilient economies and societies. This will be based on profound changes in technology and services, to the ways in which businesses and consumers behave, as well as involving new forms of governance. Limiting the increase of global average temperature to well below 2°C, and pursuing efforts to limit the temperature increase to 1.5°C, requires rapid progress in decarbonising the energy system and substantially reducing greenhouse-gas (GHG) emissions from the transport sector¹⁷. It will also need new impetus to accelerate the pace of developing next-generation breakthroughs as well as demonstrating and deploying innovative technologies and solutions, using also the opportunities provided by digital and space technologies. This will be pursued through an integrated approach encompassing decarbonisation, resource efficiency, reduction of air pollution, access to raw materials and circular economy. ***All these changes will occur alongside a fair and adequate social transition, with emphasis being placed on the creation of those opportunities and new jobs in the hardest-hit areas, and on the importance of retraining for workers in the coal industry and the acquisition of new skills.***

¹⁷ Substantial decarbonisation of other sectors is addressed in other areas of the Horizon Europe Global Challenges and Industrial Competitiveness pillar.

¹⁷ Substantial decarbonisation of other sectors is addressed in other areas of the Horizon Europe Global Challenges and Industrial Competitiveness pillar.

Or. es

Amendment 106
Inés Ayala Sender

Proposal for a decision
Annex I – part II – point 4 – point 4.1 – paragraph 6

Text proposed by the Commission

Transport ensures the mobility of people and goods necessary for an integrated European single market, territorial cohesion and an open and inclusive society. *At the same time*, transport has significant negative effects on human health, congestion, land, air quality and noise, as well as safety resulting in numerous premature deaths and increased socio-economic costs. Therefore, sustainable mobility and transport networks need to become clean, safe, smart, secure, silent, reliable and affordable, offering a seamless integrated door-to-door service.

Amendment

Transport ensures the mobility of *the* people and goods necessary for an integrated European single market *for development, for* territorial cohesion and an open and inclusive society. *On the other hand, pollution from the* transport *sector* has significant negative effects on human health, *on* congestion, *on* land, *on* air quality and noise, as well as *on* safety, resulting in numerous premature deaths and increased socio-economic costs. Therefore, sustainable mobility and transport networks need to become clean, safe, *accessible for all users and modes of transport*, smart, secure, silent, reliable and affordable, offering a seamless integrated *and interconnected* door-to-door service.

Or. es

Amendment 107
Christine Revault d'Allonnes Bonnefoy

Proposal for a decision
Annex I – part II – point 4 – point 4.1 – paragraph 7

Text proposed by the Commission

The issues faced by the transport and

Amendment

The issues faced by the transport and

energy sectors go however beyond the need for emission reduction. There are several challenges to be tackled, including the increasing penetration of digital and space-based technologies, changes in user behaviour and mobility patterns, new market entrants and disruptive business models, globalisation, increasing international competition and an older, more urban and increasingly diverse, population.

energy sectors go however beyond the need for emission reduction. There are several challenges to be tackled, including the increasing penetration of digital and space-based technologies, changes in user behaviour and mobility patterns, new market entrants and disruptive business models, globalisation, increasing international competition and an older, more urban and increasingly diverse **population, as well as a rural and suburban population which is being isolated and needs accessible transport.**

Or. fr

Amendment 108
Inés Ayala Sender

Proposal for a decision
Annex I – part II – point 4 – point 4.1 – paragraph 9

Text proposed by the Commission

Finding new ways to accelerate the deployment of clean technologies and solutions for the decarbonisation of the European economy requires **also** increased demand for innovation. This can be stimulated through the empowerment of citizens as well as socio-economic and public sector innovation and will lead to approaches broader than technology-driven innovation. Socio-economic research covering inter alia **user** needs and patterns, foresight activities, environmental, economic, social and behavioural aspects, business cases and models and pre-normative research for **standard setting**, will also facilitate actions fostering regulatory, financing and social innovation, skills, as well as engagement and empowerment of market players and consumers.

Amendment

Finding new ways to accelerate the deployment of clean technologies and solutions for the decarbonisation of the European economy **also** requires increased demand for innovation. This can be stimulated through the empowerment of citizens as well as socio-economic and public sector innovation and will lead to approaches broader than technology-driven innovation. Socio-economic research covering, inter alia, **the** needs and patterns **of all users**, foresight activities, environmental, economic, social and behavioural aspects, **geographical localisation (urban or rural scenarios)**, business cases and models and pre-normative research for **standard-setting**, will also facilitate actions fostering regulatory, financing and social innovation, skills, as well as engagement and empowerment of market players and consumers.

Amendment 109**Rosa D'Amato****Proposal for a decision****Annex I – part II – point 4 – point 4.1 – paragraph 9***Text proposed by the Commission*

Finding new ways to accelerate the ***deployment of clean technologies and solutions for the decarbonisation of the European*** economy requires also increased demand for innovation. This can be stimulated through the empowerment of citizens as well as socio-economic and public sector innovation and will lead to approaches broader than technology-driven innovation. Socio-economic research covering inter alia user needs and patterns, foresight activities, environmental, economic, social and behavioural aspects, business cases and models and pre-normative research for standard setting, will also facilitate actions fostering regulatory, financing and social innovation, skills, as well as engagement and empowerment of market players ***and*** consumers.

Amendment

Finding new ways to accelerate the ***transition to a fully renewable based energy system and a net-zero GHG emission*** economy ***by 2050 at the latest***, requires also increased demand for innovation. This can be stimulated through the empowerment of citizens as well as socio-economic and public sector innovation and will lead to approaches broader than technology-driven innovation. Socio-economic research covering inter alia user needs and patterns, foresight activities, environmental, economic, social and behavioural aspects, business cases and models and pre-normative research for standard setting, will also facilitate actions fostering regulatory, financing and social innovation, skills, as well as engagement and empowerment of market players, consumers ***and communities***.

Or. en

Amendment 110**Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar****Proposal for a decision****Annex I – part II – point 4 – point 4.1 – paragraph 10***Text proposed by the Commission*

Activities under this Cluster contribute in particular to the goals of the Energy Union,

Amendment

Activities under this Cluster contribute in particular to the goals of the Energy Union,

as well as to those of the Digital Single Market, the Jobs, Growth and Investment agenda, the strengthening of the EU as a global actor, the new EU Industrial Policy Strategy, the Circular Economy, the Raw Materials Initiative, the Security Union and the Urban Agenda, as well as the Common Agricultural Policy of the EU as well as EU legal provisions to reduce noise and air pollution.

as well as to those of the Digital Single Market, the Jobs, Growth and Investment agenda, the strengthening of the EU as a global actor, the new EU Industrial Policy Strategy, the Circular Economy, the Raw Materials Initiative, the Security Union and the Urban Agenda, ***the Maritime Policy*** as well as the Common Agricultural Policy of the EU as well as EU legal provisions to reduce noise and air pollution.

Or. en

Amendment 111
Massimiliano Salini

Proposal for a decision
Annex I – part II – point 4 – point 4.2 – point 4.2.2 – paragraph 1

Text proposed by the Commission

The EU aims to be world leader in affordable, secure and sustainable energy technologies improving its competitiveness in global value chains and its position in growth markets. Diverse climatic, geographical, environmental and socio-economic conditions in the EU as well as the need to ensure energy security and access to raw materials, dictate a broad portfolio of energy solutions, including of non-technical nature. As regards renewable energy technologies, costs need to decrease further, performance must improve, integration into the energy system must be improved and breakthrough technologies need to be developed. As regards fossil fuels, decarbonising their usage will be essential to meet the climate objectives.

Amendment

The EU aims to be world leader in affordable, secure and sustainable energy technologies improving its competitiveness in global value chains and its position in growth markets. Diverse climatic, geographical, environmental and socio-economic conditions in the EU as well as the need to ensure energy security and access to raw materials, dictate a broad portfolio of energy solutions, including of non-technical nature. As regards renewable energy technologies, costs need to decrease further, performance must improve, integration into the energy system must be improved and breakthrough technologies need to be developed. As regards fossil fuels, decarbonising their usage will be essential to meet the climate objectives.
Also gas infrastructure plays an important role in integrating renewable and low carbon gases.

Or. en

Amendment 112
Rosa D'Amato

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.2 – paragraph 2 – indent 1

Text proposed by the Commission

– Renewable energy technologies and solutions for power generation, **heating and cooling, sustainable** transport fuels and intermediate carriers, at various scales and development stages, adapted to geographic conditions and markets, both within the EU and worldwide;

Amendment

– Renewable energy technologies and solutions for power generation, **renewable** transport fuels and intermediate carriers, at various scales and development stages, adapted to geographic conditions and markets, both within the EU and worldwide;

Or. en

Amendment 113
Massimiliano Salini

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Technologies and solutions to reduce greenhouse gas emissions from fossil fuel-based power generation via CO₂ capture, utilisation and storage (CCUS).

Amendment

– Technologies and solutions to reduce greenhouse gas emissions from fossil fuel-based power generation via CO₂ capture, utilisation and storage (CCUS), **as well as solutions to support storing excess wind and solar electricity in the form of gas;**

Or. en

Amendment 114
Rosa D'Amato

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.2 – paragraph 2 – indent 3

Text proposed by the Commission

– Technologies and **solutions to reduce greenhouse gas emissions** from

Amendment

– **Renewable energy** technologies and **solution for shifting away rapidly**

fossil *fuel-based power generation via CO2 capture, utilisation and storage (CCUS)*.

from fossil *fuels in the supply of energy in the transport sector*;

Or. en

Amendment 115
Massimiliano Salini

Proposal for a decision
Annex I – part II – point 4 – point 4.2 – point 4.2.3 – paragraph 1

Text proposed by the Commission

The expected growth of variable electricity production and shift towards more electric heating, cooling and transport dictates the need for new approaches to manage energy grids. Next to decarbonisation, the goal is to ensure energy affordability, security and stability of supply, achieved through investments in innovative network infrastructure technologies and innovative system management. Energy storage in different forms will play a key role in providing services to the grid, also improving and reinforcing network capacities. Exploiting synergies between different networks (e.g. electricity grids, heating and cooling networks, gas networks, transport recharging and refuelling infrastructure, hydrogen, and telecom networks) and actors (e.g. industrial sites, data centres, self-producers) will be crucial for enabling the smart, integrated operation of the relevant infrastructures.

Amendment

The expected growth of variable electricity production and shift towards more ***decentralised production***, electric heating, cooling and transport dictates the need for new approaches to manage energy grids. Next to decarbonisation, the goal is to ensure energy affordability, security and stability of supply, achieved through investments in innovative network infrastructure technologies and innovative system management. Energy storage in different forms will play a key role in providing services to the grid, also improving and reinforcing network capacities. Exploiting synergies between different networks (e.g. electricity grids, heating and cooling networks, gas networks, transport recharging and refuelling infrastructure, hydrogen, and telecom networks) and actors (e.g. industrial ***and agricultural*** sites, data centres, self-producers ***and network operators***) will be crucial for enabling the smart, integrated operation of the relevant infrastructures.

Or. en

Amendment 116
Massimiliano Salini

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.3 – paragraph 2 – indent 1

Text proposed by the Commission

Amendment

– Technologies and tools for **electricity** networks to integrate renewables and new loads such as electro-mobility and heat pumps;

– Technologies and tools for networks to integrate renewables and new loads such as electro-mobility and heat pumps;

Or. en

Amendment 117

Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 7

Text proposed by the Commission

Amendment

– Energy performance of buildings monitoring and optimisation;

– Energy performance of buildings, **including tourist accommodation**, monitoring and optimisation;

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 118

Rolandas Paksas

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 7

Text proposed by the Commission

Amendment

– Energy performance of buildings monitoring and optimisation;

– Energy performance of buildings **including the tourism accommodation** monitoring and optimisation;

Amendment 119
David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 7

Text proposed by the Commission

– Energy performance of buildings monitoring and optimisation;

Amendment

– Energy performance of buildings ***including the tourism accommodation*** monitoring and optimisation;

Or. en

Amendment 120
István Ujhelyi

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 7

Text proposed by the Commission

– Energy performance of buildings monitoring and optimisation;

Amendment

– Energy performance of buildings ***including the tourism accommodation*** monitoring and optimisation;

Or. en

Justification

Take urgent action to combat climate change and its impacts (SDG 13) Tourism contributes to and is affected by climate change. It is, therefore, in the sector's own interest to play a leading role in the 5 global response to climate change. By lowering energy consumption and shifting to renewable energy sources, especially in the transport and accommodation sector, tourism can help tackle one of the most pressing challenges of our time.

Amendment 121
David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 9

Text proposed by the Commission

- Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings';

Amendment

- Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings', ***including the tourism accommodation***;

Or. en

Amendment 122
Rolandas Paksas

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 9

Text proposed by the Commission

- Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings';

Amendment

- Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings', ***including the tourism accommodation***;

Or. en

Amendment 123
István Ujhelyi

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 9

Text proposed by the Commission

- Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings';

Amendment

- Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings', ***including the tourism accommodation***.

Or. en

Justification

An important specificity of the accommodation sector is that hotels represent specific building types, where a significant part of the of the delivered energy is used for non-hosting, hotel-specific functions. It is necessary for hotels to be recognised as a separate building type under the Nearly Zero Energy Building regulations.

Amendment 124

Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.4 – paragraph 4 – indent 9

Text proposed by the Commission

– Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings';

Amendment

– Renovation processes of existing buildings towards 'Nearly Zero Energy Buildings', **including tourist accommodation**;

Or. pt

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 125

Inés Ayala Sender

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.5 – paragraph 1

Text proposed by the Commission

It is estimated that by 2050, more than 80% of the EU's population will live in urban areas, consuming the lion's share of available resources, including energy, **and being** areas particularly vulnerable to the adverse meteorological change **impacts worsen by** climate change and natural disasters **already now and** increasingly in the future. A key challenge is to significantly increase the overall energy and resource efficiency as well as climate-resilience of Europe's cities in a holistic fashion, targeting the building stock, energy systems, mobility, climate change, as well as water, soil, air quality, waste and

Amendment

It is estimated that by 2050, more than 80% of the EU's population will live in urban areas, consuming the lion's share of available resources, including energy; **these areas will furthermore be** particularly vulnerable to the adverse **effects of** meteorological change, **which are already worsening as a result of** climate change and natural disasters, **and will become** increasingly **bad** in the future. A key challenge is to significantly increase the overall energy and resource efficiency as well as climate-resilience of Europe's cities in a holistic fashion, targeting the building stock, energy systems, mobility,

noise. Synergies with **ERDF-funded** urban policy and actions should be investigated and exploited.

climate change, as well as water, soil, air quality, waste and noise. Synergies with **ERDF-funded** urban policy and actions should be investigated and exploited. **Furthermore, special attention will need to be paid to the mobility and security of the remaining 20% of the EU population living in rural and remote areas, looking into the most efficient and effective strategies in the both the transport sector (infrastructure, smart and interconnected mobility) and the energy sector to ensure optimum security when it comes to logistics and energy.**

Or. es

Amendment 126
David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.5 – paragraph 2 – indent 3

Text proposed by the Commission

– Quality of life for the citizens, safe mobility, urban social innovation, cities' circular and regenerative capacity, reduced environmental footprint and pollution;

Amendment

– Quality of life for the citizens **and visitors**, safe mobility, urban social innovation, cities' circular and regenerative capacity, reduced environmental footprint and pollution, **smart destinations**;

Or. en

Amendment 127
Rolandas Paksas

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.5 – paragraph 2 – indent 3

Text proposed by the Commission

– Quality of life for the citizens, safe mobility, urban social innovation, cities' circular and regenerative capacity, reduced environmental footprint and pollution;

Amendment

– Quality of life for the citizens **and visitors**, safe mobility, urban social innovation, cities' circular and regenerative capacity, reduced environmental footprint

and pollution, *smart destinations*;

Or. en

Amendment 128

István Ujhelyi

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.5 – paragraph 2 – indent 3

Text proposed by the Commission

– Quality of life for the citizens, safe mobility, urban social innovation, cities' circular and regenerative capacity, reduced environmental footprint and pollution;

Amendment

– Quality of life for the citizens, safe mobility, urban social innovation, cities' circular and regenerative capacity, reduced environmental footprint and pollution;
smart destinations;

Or. en

Justification

Make cities and human settlements inclusive, safe, resilient and sustainable (SDG 11) "A city that is not good for its citizens is not good for tourists. Sustainable tourism has the potential to advance urban infrastructure and universal accessibility, promote regeneration of areas in decay and preserve cultural and natural heritage, assets on which tourism depends. Greater investment in green infrastructures (more efficient transport facilities, reduced air pollution, conservation of heritage sites and open spaces, etc.) should result in smarter and greener cities"

Amendment 129

Inés Ayala Sender

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.6 – paragraph 1

Text proposed by the Commission

The shift towards clean technologies, connectivity and automation will depend on the timely design and manufacture of aircraft, vehicles and vessels integrating different technologies and accelerating their introduction. Increasing comfort, efficiency, affordability, while minimising lifecycle impact on the environment,

Amendment

The shift towards clean technologies, connectivity and automation will depend on the timely design and manufacture of aircraft, vehicles and vessels integrating different technologies and accelerating their introduction. Increasing comfort, efficiency, affordability, while minimising lifecycle impact on the environment,

human health and on energy use remain objectives of paramount importance. Innovative, highly capable transport infrastructure is essential for the proper functioning of all transport modes in view of increased mobility demand and rapidly changing technology regimes. An integrated approach to infrastructure and vehicle/vessel/aircraft development deserves particular attention also in order to minimise energy and environmental impact.

human health and on energy use remain objectives of paramount importance. Innovative, highly capable, ***interoperable, multimodal*** transport infrastructure is essential for the proper functioning of all transport modes in view of increased mobility demand and rapidly changing technology regimes. An integrated approach to infrastructure and vehicle/vessel/aircraft development deserves particular attention also in order to minimise energy and environmental impact.

Or. es

Amendment 130
Inés Ayala Sender

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.6 – paragraph 2 – indent 4

Text proposed by the Commission

– New materials, techniques and methods of construction, operations and maintenance of infrastructures, ensuring reliable network availability and full life-cycle approach;

Amendment

– New materials, techniques and methods of construction, operations and ***monitoring and*** maintenance of infrastructures, ensuring reliable network availability and full life-cycle approach;

Or. es

Amendment 131
Marian-Jean Marinescu

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.6 – paragraph 2 – indent 5 a (new)

Text proposed by the Commission

Amendment
– ***electro mobility;***

Or. en

Amendment 132

István Ujhelyi

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 1

Text proposed by the Commission

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation and lorries.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Amendment

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation and lorries, ***and tourism and travel.***

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Or. en

Justification

Take urgent action to combat climate change and its impacts (SDG 13) Tourism contributes to and is affected by climate change. It is, therefore, in the sector's own interest to play a leading role in the global response to climate change. By lowering energy consumption and shifting to renewable energy sources, especially in the transport and accommodation sector, tourism can help tackle one of the most pressing challenges of our time.

Amendment 133

Rolandas Paksas

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 1

Text proposed by the Commission

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation *and* lorries.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Amendment

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation, lorries *and tourism and travel*.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Or. en

Justification

Take urgent action to combat climate change and its impacts (SDG 13) Tourism contributes to and is affected by climate change. It is, therefore, in the sector's own interest to play a leading role in the global response to climate change.

Amendment 134

David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 1

Text proposed by the Commission

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation *and* lorries.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Amendment

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation, lorries *and tourism and travel*.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Or. en

Amendment 135

Elżbieta Katarzyna Łukacijewska

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 1

Text proposed by the Commission

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility

Amendment

For the EU to reach its air quality, climate, and energy goals, including a 60% reduction in green-house gas emissions by 2050 as well as noise reduction, will require rethinking the whole mobility

system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation **and lorries**.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

system including users, vehicles, fuels and infrastructures. It will also require the deployment of low-emission alternative energies and market uptake of zero-emission vehicles/vessels/aircrafts. In addition to the harmful effects of greenhouse gas emissions, transport contributes significantly to poor air quality and noise in Europe with negative consequences for the health of citizens¹⁸. Building on progress with electrification and the use of fuel cells for cars, buses and light duty vehicles it is essential to accelerate research and innovation solutions for other sectors such as aviation, maritime and inland navigation, **road transport and tourism**.

¹⁸ Around one-third of EU citizens live in urban areas with concentration levels of pollutants above legal thresholds

Or. en

Amendment 136 **Massimiliano Salini**

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 2 – indent 1

Text proposed by the Commission

– ***Electrification of all*** transport modes (***e.g. batteries, fuel cells, hybridisation, etc.***) including new technologies for vehicle/vessel/aircraft powertrains, fast charging/refuelling, energy harvesting and user-friendly and accessible interfaces with the charging infrastructure, ensuring interoperability and seamless services provision; development and deployment of competitive, safe, high-performing and sustainable batteries for low and zero-emission vehicles;

Amendment

– ***Decarbonisation of*** transport modes including new technologies for vehicle/vessel/aircraft powertrains, fast charging/refuelling, energy harvesting and user-friendly and accessible interfaces with the charging infrastructure, ensuring interoperability and seamless services provision; development and deployment of competitive, safe, high-performing and sustainable batteries for low and zero-emission vehicles;

Or. en

Amendment 137
Inés Ayala Sender

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 2 – indent 1

Text proposed by the Commission

– Electrification of all transport modes (e.g. batteries, fuel cells, hybridisation, etc.) including new technologies for vehicle/vessel/aircraft powertrains, fast charging/refuelling, energy harvesting and user-friendly and accessible interfaces with the charging infrastructure, ensuring interoperability and seamless services provision; development and deployment of competitive, safe, high-performing and sustainable batteries for low and zero-emission vehicles;

Amendment

– Electrification of all transport modes (e.g. batteries, fuel cells, hybridisation, **hydrogen**, etc.) including new technologies for vehicle/vessel/aircraft powertrains, fast charging/refuelling, energy harvesting and user-friendly and accessible interfaces with the charging infrastructure, ensuring interoperability and seamless services provision; development and deployment of competitive, safe, high-performing and sustainable batteries for low- and zero-emission vehicles;

Or. es

Amendment 138
Nicola Caputo

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 2 – indent 1 a (new)

Text proposed by the Commission

Amendment

– ***Supporting scaled European battery cell manufacturing and a full competitive value chain in Europe; strengthening industrial leadership through accelerated research and innovation support to advanced (e.g. Lithium-ion) and disruptive (e.g. solid state) technologies;***

Or. en

Amendment 139

Nicola Caputo

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 2 – indent 2 a (new)

Text proposed by the Commission

Amendment

- *Supporting a resource efficient transport that respects the environment by making aircraft, vehicles and vessels cleaner and quieter to minimise transport's systems' impact on climate and the environment, by developing smart equipment, infrastructures and services and by improving transport and mobility in urban areas;*

Or. en

Amendment 140

Nicola Caputo

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.7 – paragraph 2 – indent 3 a (new)

Text proposed by the Commission

Amendment

- *Supporting better mobility, less congestion, more safety and security with a substantial reduction of traffic congestion; with a substantial improvement in the mobility of people and freight; by developing new concepts of freight transport and logistics and by reducing accident rates, fatalities and casualties and improving security.;*

Or. en

Amendment 141

Inés Ayala Sender

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 1

Text proposed by the Commission

Smart mobility will help ensure the efficiency, safety and resilience of door-to-door mobility and all its components, in particular by using digital technologies, advanced satellite navigation (EGNOS/Galileo), and artificial intelligence. New technologies will help to optimise the use and efficiency of transport infrastructure and networks, improving multi-modality and connectivity, optimising traffic management and enable innovative transport solutions and services, **thus reducing** congestion and negative environmental impacts, providing better mobility and logistics services for citizens and businesses. Connected and automated mobility together with the enabling infrastructure will improve efficiency and safety in all transport modes..

Amendment

Smart mobility will help ensure the efficiency, safety and resilience of door-to-door mobility and all its components, in particular by using digital technologies, advanced satellite navigation (EGNOS/Galileo), and artificial intelligence. New technologies will help to optimise the use and efficiency of transport infrastructure and networks, improving multi-modality and connectivity, optimising traffic management and enable innovative transport solutions and services **that are accessible for users, particularly those with reduced mobility. This will make it possible to reduce** congestion and negative environmental impacts, providing better mobility and logistics services for citizens and businesses. Connected and automated mobility together with the enabling infrastructure will improve efficiency and safety in all transport modes.

Or. es

Amendment 142
Rosa D'Amato

Proposal for a decision
Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 2 – indent 3

Text proposed by the Commission

– Rail technologies and operations for a high-capacity, silent, interoperable, and automated railway system;

Amendment

– Rail technologies and operations for a high-capacity, **fully connected**, silent, interoperable, and automated railway system;

Or. en

Amendment 143
Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Jozo Radoš

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 2 – indent 3 a (new)

Text proposed by the Commission

Amendment

- ***Cross-border inland waterways:
Solutions for economically viable
operations to move to an automated,
connected, efficient, reliable, safe, secure
and resilient waterway transport system
connecting to other modes;***

Or. en

Amendment 144

Gabriele Preuß

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 2 – indent 3 a (new)

Text proposed by the Commission

Amendment

- ***Cross-border inland waterways:
Solutions for economically viable
operations to move to an automated,
connected, efficient, reliable, safe, secure
and resilient waterway transport system
connecting to other modes.***

Or. en

Amendment 145

Inés Ayala Sender

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 2 – indent 4

Text proposed by the Commission

Amendment

- Connected, cooperative and automated mobility systems and services, including technological solutions and non-technological issues.

- Connected, ***interoperable***, cooperative and automated mobility systems and services, including technological solutions and non-technological issues.

Amendment 146
Henna Virkkunen

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 2 – indent 4 a (new)

Text proposed by the Commission

Amendment

- ***Smart shipping solutions for safer, more efficient waterborne operations.***

Or. en

Amendment 147
Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 4 – point 4.2 – point 4.2.8 – paragraph 2 a (new)

Text proposed by the Commission

Amendment

- Maritime Transport: support for maritime transport digitisation systems and promotion of motorways of the sea;***

Or. pt

Justification

The competitiveness of maritime transport in the European Union is largely linked to the necessary port and vessel digitisation and to development of motorways of the sea.

Amendment 148
Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 5 – introductory part

Text proposed by the Commission

Amendment

Justification

The current title is misleading. The cluster addresses research related to a wide range of policy fields. The addition of Seas and Oceans clarifies that it goes beyond agriculture and land-based resources as the description in the Annex explicitly mentions maritime policy and the Common Fisheries Policy and refers to Seas and Oceans as one of the areas of intervention covered by this cluster.

Amendment 149

Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 5 – point 5.1 – paragraph 7 a (new)

Text proposed by the Commission

Amendment

They will especially contribute to a mission "Clean and productive seas and oceans" described in detail in the specific Work Programme.

Justification

In accordance with the suggestions of the EC report "Mission-Oriented Research & Innovation in the European Union" a mission on clean seas and oceans can be closely aligned with the Plastic Strategy by targeting the reduction of marine litter and its impact on human and animal health. As such this mission addresses a topic high on the agenda of the general public in the EU and by doing so strengthens the narrative of an added value of a strong European research agenda.

Amendment 150

David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.2 – paragraph 2 – indent 6

Text proposed by the Commission

– Adaptable and multi-functional nature-based solutions, addressing challenges in cities, rural and coastal areas related to climate change, natural disasters, biodiversity loss, ecosystem degradation, pollution, and citizens' health and well-being;

Amendment

– Adaptable and multi-functional nature-based solutions, addressing challenges in cities, rural and coastal areas related to climate change, natural disasters, biodiversity loss, ecosystem degradation, pollution, and citizens' **and visitors'** health and well-being;

Or. en

Amendment 151
István Ujhelyi

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.2 – paragraph 2 – indent 6

Text proposed by the Commission

– Adaptable and multi-functional nature-based solutions, addressing challenges in cities, rural and coastal areas related to climate change, natural disasters, biodiversity loss, ecosystem degradation, pollution, and citizens' health and well-being;

Amendment

– Adaptable and multi-functional nature-based solutions, addressing challenges in cities, rural and coastal areas related to climate change, natural disasters, biodiversity loss, ecosystem degradation, pollution, and citizens' **and visitors'** health and well-being;

Or. en

Justification

Ensure access to affordable, reliable, sustainable and modern energy for all (SDG 7) As a sector that requires substantial energy input, tourism can accelerate the shift toward renewable energy and increase its share in the global energy mix. Consequently, by promoting sound and long-term investments in sustainable energy sources, tourism can help to reduce greenhouse gas emissions, mitigate climate change and contribute to innovative and new energy solutions in urban, regional and remote areas.

Amendment 152
Rolandas Paksas

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.2 – paragraph 2 – indent 6

Text proposed by the Commission

– Adaptable and multi-functional nature-based solutions, addressing challenges in cities, rural and coastal areas related to climate change, natural disasters, biodiversity loss, ecosystem degradation, pollution, and citizens' health and well-being;

Amendment

– Adaptable and multi-functional nature-based solutions, addressing challenges in cities, rural and coastal areas related to climate change, natural disasters, biodiversity loss, ecosystem degradation, pollution, and citizens' **and visitors'** health and well-being;

Or. en

Amendment 153

Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.4 – introductory part

Text proposed by the Commission

5.2.4. **Sea** and Oceans

Amendment

5.2.4. **Seas** and Oceans

Or. en

Amendment 154

István Ujhelyi

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.4 – paragraph 2 – indent 6

Text proposed by the Commission

– Blue value-chains, the multiple-use of marine space and growth of the renewable energy sector from seas and oceans, including sustainable micro- and macro- algae;

Amendment

– Blue value-chains, **including coastal and maritime tourism**, the multiple-use of marine space and growth of the renewable energy sector from seas and oceans, including sustainable micro- and macro- algae;

Or. en

Justification

Conserve and sustainably use the oceans, seas and marine resources for sustainable development (SDG 14) Coastal and maritime tourism, tourism's biggest segments, particularly for Small Island Developing States' (SIDS), rely on healthy marine ecosystems. Tourism development must be a part of Integrated Coastal Zone Management in order to help conserve and preserve fragile marine ecosystems and serve as a vehicle to promote a blue economy, in line with Target 14.7: "by 2030 increase the economic benefit of SIDS and LDCs from sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism.

Amendment 155 **David-Maria Sassoli**

Proposal for a decision **Annex I – part II – point 5 – point 5.2 – point 5.2.4 – paragraph 2 – indent 6**

Text proposed by the Commission

– Blue value-chains, the multiple-use of marine space and growth of the renewable energy sector from seas and oceans, including sustainable micro- and macro- algae;

Amendment

– Blue value-chains, ***including coastal and maritime tourism***, the multiple-use of marine space and growth of the renewable energy sector from seas and oceans, including sustainable micro- and macro- algae;

Or. en

Amendment 156 **Rolandas Paksas**

Proposal for a decision **Annex I – part II – point 5 – point 5.2 – point 5.2.4 – paragraph 2 – indent 6**

Text proposed by the Commission

– Blue value-chains, the multiple-use of marine space and growth of the renewable energy sector from seas and oceans, including sustainable micro- and macro- algae;

Amendment

– Blue value-chains ***including coastal and maritime tourism***, the multiple-use of marine space and growth of the renewable energy sector from seas and oceans, including sustainable micro- and macro- algae;

Or. en

Justification

Tourism development must be a part of Integrated Coastal Zone Management in order to help conserve and preserve fragile marine ecosystems and serve as a vehicle to promote a blue economy, in line with Target 14.7: "by 2030 increase the economic benefit of SIDS and LDCs from sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism".

Amendment 157 **David-Maria Sassoli**

Proposal for a decision **Annex I – part II – point 5 – point 5.2 – point 5.2.4 – paragraph 2 – indent 8**

Text proposed by the Commission

– Blue innovation including in the blue and digital economies, across coastline areas, coastal cities and ports in order to strengthen resilience of coastal areas and increase citizens' benefits.

Amendment

– Blue innovation including in the blue and digital economies, across coastline areas, coastal cities and ports ***and coastal and maritime tourism*** in order to strengthen resilience of coastal areas and increase citizens' ***and visitor*** benefits.

Or. en

Amendment 158 **Rolandas Paksas**

Proposal for a decision **Annex I – part II – point 5 – point 5.2 – point 5.2.4 – paragraph 2 – indent 8**

Text proposed by the Commission

– Blue innovation including in the blue and digital economies, across coastline areas, coastal cities and ports in order to strengthen resilience of coastal areas and increase citizens' benefits.

Amendment

– Blue innovation including in the blue and digital economies, across coastline areas, coastal cities and ports ***and coastal and maritime tourism*** in order to strengthen resilience of coastal areas and increase citizens' ***and visitor*** benefits.

Or. en

Justification

Tourism development must be a part of Integrated Coastal Zone Management in order to help conserve and preserve fragile marine ecosystems and serve as a vehicle to promote a blue

economy, in line with Target 14.7: “by 2030 increase the economic benefit of SIDS and LDCs from sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism”

Amendment 159

Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.4 – paragraph 2 – indent 8

Text proposed by the Commission

– Blue innovation including in the blue and digital economies, across coastline areas, coastal cities **and ports** in order to strengthen resilience of coastal areas and increase citizens' benefits.

Amendment

– Blue innovation including in the blue and digital economies, across coastline areas, coastal cities, **ports and island regions** in order to strengthen resilience of coastal areas and increase citizens' benefits.

Or. pt

Justification

Blue innovation in island regions is a critical factor for development.

Amendment 160

David-Maria Sassoli

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.5 – paragraph 2 – indent 3

Text proposed by the Commission

– Consumers' behaviour, lifestyle and motivations, promoting social innovation and societal engagement for better health and environmental sustainability throughout the entire food value chain;

Amendment

– Consumers' behaviour, lifestyle and motivations, promoting social innovation and societal engagement for better health and environmental sustainability throughout the entire food value chain; **in cooperation with other industries from Travel and Tourism;**

Or. en

Amendment 161

István Ujhelyi

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.5 – paragraph 2 – indent 3

Text proposed by the Commission

Amendment

– Consumers' behaviour, lifestyle and motivations, promoting social innovation and societal engagement for better health and environmental sustainability throughout the entire food value chain;

– Consumers' behaviour, lifestyle and motivations, promoting social innovation and societal engagement for better health and environmental sustainability throughout the entire food value chain; ***in cooperation with other industries from Travel and Tourism.***

Or. en

Justification

End hunger, achieve food security and improved nutrition and promote sustainable agriculture (SDG 2) Tourism can spur agricultural productivity by promoting the production, use and sale of local produce in tourist destinations and its full integration in the tourism value chain. In addition, agro-tourism, a growing tourism segment, can complement traditional agricultural activities. The resulting rise of income in local communities can lead to a more resilient agriculture while enhancing the value of the tourism experience.

Amendment 162

Rolandas Paksas

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.5 – paragraph 2 – indent 3

Text proposed by the Commission

Amendment

– Consumers' behaviour, lifestyle and motivations, promoting social innovation and societal engagement for better health and environmental sustainability throughout the entire food value chain;

– Consumers' behaviour, lifestyle and motivations, promoting social innovation and societal engagement for better health and environmental sustainability throughout the entire food value chain ***cooperation with other industries from Travel and Tourism;***

Or. en

Justification

Tourism can spur agricultural productivity by promoting the production, use and sale of local produce in tourist destinations and its full integration in the tourism value chain.

Amendment 163
István Ujhelyi

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.5 – paragraph 2 – indent 7

Text proposed by the Commission

– Innovation and food systems for place-based innovation and empowerment of communities, fostering fair trade and pricing, inclusiveness and sustainability through partnerships between **industry**, local authorities, researchers and society.

Amendment

– Innovation and food systems for place-based innovation and empowerment of communities, fostering fair trade and pricing, inclusiveness and sustainability through partnerships between **industries that can strongly contribute to a significant change on the ways of producing and consuming, as is the case of tourism**, local authorities, researchers and society.

Or. en

Justification

Ensure sustainable consumption and production patterns (SDG 12) A tourism sector that adopts sustainable consumption and production (SCP) practices can play a significant role in accelerating the global shift towards sustainability. To do so, as set in Target 12.b of Goal 12, it is imperative to "Develop and implement tools to monitor sustainable development impacts for sustainable tourism which creates jobs, promotes local culture and products". The Sustainable Tourism Programme (STP) of the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns (10YFP) aims at developing such SCP practices, including resource efficient initiatives that result in enhances economic, social and environmental outcomes.

Amendment 164
Rolandas Paksas

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.5 – paragraph 2 – indent 7

Text proposed by the Commission

– Innovation and food systems for place-based innovation and empowerment of communities, fostering fair trade and pricing, inclusiveness and sustainability through partnerships between **industry**,

Amendment

– Innovation and food systems for place-based innovation and empowerment of communities, fostering fair trade and pricing, inclusiveness and sustainability through partnerships between **industries**

local authorities, researchers and society.

that can strongly contribute to a significant change on the ways of producing and consuming, as is the case of tourism, local authorities, researchers and society.

Or. en

Justification

tourism sector that adopts sustainable consumption and production (SCP) practices can play a significant role in accelerating the global shift towards sustainability.

Amendment 165 **David-Maria Sassoli**

Proposal for a decision

Annex I – part II – point 5 – point 5.2 – point 5.2.5 – paragraph 2 – indent 7

Text proposed by the Commission

– Innovation and food systems for place-based innovation and empowerment of communities, fostering fair trade and pricing, inclusiveness and sustainability through partnerships between ***industry***, local authorities, researchers and society.

Amendment

– Innovation and food systems for place-based innovation and empowerment of communities, fostering fair trade and pricing, inclusiveness and sustainability through partnerships between ***industries that can strongly contribute to a significant change on the ways of producing and consuming, as is the case of tourism***, local authorities, researchers and society.

Or. en

Amendment 166 **Cláudia Monteiro de Aguiar**

Proposal for a decision

Annex I – part II – point 6 – point 6.2 – point 6.2.2 – paragraph 2 – point 3 – indent 2

Text proposed by the Commission

– Digitisation in individual sectors, such as energy, transport, construction, health ***and government***;

Amendment

– Digitisation in individual sectors, such as energy, transport, construction, health, ***government and tourism***;

Justification

Tourism in the EU is the third largest socio-economic activity and makes an important contribution to the EU's gross national product and to employment. Moreover, since the entry into force of the Lisbon Treaty, the TFEU allows the EU to support, coordinate or supplement the actions of the Member States in the domain. Internationally, is a key element for achieving the 17 SDS Goals by 2030.

Amendment 167

Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Annex I – part II – point 6 – point 6.2 – point 6.2.2 – paragraph 2 – point 5 – introductory part

Text proposed by the Commission

Amendment

5. Food **and** Natural Resources

5. Food, Natural Resources, ***Seas and Oceans***

Or. en

Amendment 168

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – part 4 – point 1 – introductory part

Text proposed by the Commission

Amendment

1. SHARING EXCELLENCE³³

1. SHARING EXCELLENCE ***AND WIDENING PARTICIPATION***

³³ *A criterion based on research and innovation excellence will be used to define those Member States and Associated Countries where legal entities need to be established in order to be eligible to submit proposals as coordinators under 'sharing excellence'. This criterion will address the dimensions*

of the overall economic performance (GDP), research performance and innovation performance in a combined manner normalised to the size of the related countries. The countries identified with this criterion are called 'eligible countries' in the context of 'sharing excellence'. On the basis of Article 349 TFEU, legal entities from Outermost Regions will be also fully eligible as coordinators under 'sharing excellence'.

Or. en

Amendment 169

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – part 4 – point 1 – paragraph 1

Text proposed by the Commission

Reducing disparities in research and innovation performance by sharing knowledge and expertise across the EU will help countries and regions that are lagging behind in terms of research and innovation performance, **including the EU outermost regions**, to attain a competitive position in the global value chains. Activities may also be established to foster brain circulation right across ERA and better exploitation of existing (and possibly jointly managed EU programmes) research infrastructures in the targeted countries through mobility of researchers and innovators.

Amendment

Legal entities need to be established in those EU Members States, which are ranked below 70% of the EU27 average of the composite indicator on Research Excellence implemented under Horizon 2020 in order to be eligible to submit proposals as coordinators under 'spreading excellence and widening participation'. The countries identified with this criterion are called 'eligible countries' in the context of 'spreading excellence and widening participation'.

Reducing disparities in research and innovation performance by sharing knowledge and expertise across the EU **and by widening participation in the Programme** will help **both** countries and regions that are lagging behind in terms of research and innovation performance to attain a competitive position in the global value chains **and the Union to fully benefit from R&I potential of all Member States.**

Activities may also be established to foster brain circulation right across ERA and better exploitation of existing (and possibly jointly managed EU programmes) research infrastructures in the targeted countries through mobility *and collaboration* of researchers and innovators *and setting new R&I networks and initiatives on the base of those infrastructures*.

Or. en

Amendment 170

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – part 4 – point 1 – paragraph 3 – indent 4 a (new)

Text proposed by the Commission

Amendment

- *“Excellence initiatives”, to support new ideas aiming to strengthen research and innovation systems in the eligible countries. Actions should complement the other broad lines under this priority, avoiding overlaps;*
- *“Excellence for EU infrastructures”, to support the creation of new excellent research and innovation networks or new centres of excellence based on research infrastructures financed from ERDF in ‘spreading excellence and widening participation’ eligible countries, to boost new R&I cooperation patterns across Europe and involve those infrastructures in excellent collaborative projects, aiming at synergies between national and regional R&I strategies and the Programme.*

Or. en

Amendment 171

Marian-Jean Marinescu

Proposal for a decision

Annex I – part 4 – point 1 – paragraph 3 – indent 4 a (new)

Text proposed by the Commission

Amendment

- ***Introducing dedicated funding lines in the work programme and/or proposing specific quotas for groups of countries where significant gap in funding distribution is reported from H2020 actions;***

Or. en

Amendment 172

Marian-Jean Marinescu

Proposal for a decision

Annex I – part 4 – point 1 – paragraph 3 – indent 4 b (new)

Text proposed by the Commission

Amendment

- ***Financing R&I projects in all Member States retaining researchers and innovators in their Members States of origin;***

Or. en

Amendment 173

Marian-Jean Marinescu

Proposal for a decision

Annex I – part 4 – point 1 – paragraph 3 – indent 4 c (new)

Text proposed by the Commission

Amendment

- ***introducing dedicated funding lines for applications from EU 13 awarded with a 'seal of excellence' certification;***

Or. en

Amendment 174

Elżbieta Katarzyna Łukacijewska, Barbara Kudrycka

Proposal for a decision

Annex I – part 4 – point 1 – paragraph 5

Text proposed by the Commission

This intervention area will support the Horizon Europe specific objectives: Spread and connect excellence across the EU; Reinforce the creation of high quality knowledge; Increase cross-sectorial, cross-disciplinary cross-border cooperation.

Amendment

The ‘Spreading Excellence and widening participation’ priority will support the Horizon Europe specific objectives: Spread and connect excellence across the EU **and widen participation in the Programme, including underperforming Member States**; Reinforce the creation of high quality knowledge; Increase cross-sectorial, cross-disciplinary cross-border cooperation **and boost creation of the new R&I activities and networks, involving widening eligible countries and excellent ‘newcomers’ from EU Member States and associated countries**; Support ‘Science and citizens’ activities.

Or. en

Amendment 175

Gesine Meissner, Izaskun Bilbao Barandica, Pavel Telička, Tonino Picula, Ulrike Rodust, Merja Kyllönen, Jozo Radoš, Sofia Ribeiro, Ricardo Serrão Santos, Cláudia Monteiro de Aguiar

Proposal for a decision

Annex II – paragraph 1 – point 8

Text proposed by the Commission

8. Food **and** Natural Resources

Amendment

8. Food, Natural Resources, **Seas and Oceans**

Or. en