



**2018/0227(COD)**

10.9.2018

# **AMENDMENTS**

## **44 - 206**

**Draft opinion**  
**Bogdan Brunon Wenta**  
(PE625.319v01-00)

Establishing the Digital Europe programme for the period 2021-2027

Proposal for a regulation  
(COM(2018)0434 – C8-0256/2018 – 2018/0227(COD))

AM\_Com\_LegOpinion

**Amendment 44**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 5**

*Text proposed by the Commission*

(5) Pursuant to paragraph 22 and 23 of the Inter-institutional agreement for Better Law-Making of 13 April 2016<sup>54</sup>, there is a need to evaluate this Programme on the basis of information collected through specific monitoring requirements, while avoiding overregulation and administrative burdens, in particular on Member States. These requirements, where appropriate, can include measurable indicators, as a basis for evaluating the effects of the Programme on the ground.

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<sup>54</sup> Interinstitutional Agreement between the European Parliament, the Council of the European Union and the European Commission on Better Law-Making of 13 April 2016; OJ L 123, 12.5.2016, p. 1–14.

*Amendment*

(5) Pursuant to paragraph 22 and 23 of the Inter-institutional agreement for Better Law-Making of 13 April 2016<sup>54</sup>, there is a need to evaluate this Programme on the basis of information collected through specific monitoring requirements, while avoiding overregulation and administrative burdens, in particular on Member States. These requirements, where appropriate, can include measurable ***quantitative and qualitative*** indicators, as a basis for evaluating the effects of the Programme on the ground.

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<sup>54</sup> Interinstitutional Agreement between the European Parliament, the Council of the European Union and the European Commission on Better Law-Making of 13 April 2016; OJ L 123, 12.5.2016, p. 1–14.

Or. en

**Amendment 45**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 6**

*Text proposed by the Commission*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of

*Amendment*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of

life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, and enhance creative and cultural diversity. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies affected by the digital transformation.

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<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, and enhance creative and cultural diversity. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies affected by the digital transformation ***while putting focus on investment in human capital and citizens needs in terms of upskilling and reskilling in order for them to fully benefit of the Digital Single Market.***

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<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

Or. en

## **Amendment 46** **Dominique Bilde**

### **Proposal for a regulation** **Recital 6**

*Text proposed by the Commission*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and

*Amendment*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of life and social fabric. ***In addition, on 10 April 2018, the European countries pledged to make progress with artificial intelligence and blockchain technology.***

jobs, will contribute to our global competitiveness, and enhance creative and cultural diversity. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies affected by the digital transformation.

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, and enhance creative and cultural diversity. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies affected by the digital transformation.

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<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

Or. fr

## **Amendment 47**

**Julie Ward, Momchil Nekov**

### **Proposal for a regulation**

#### **Recital 6**

##### *Text proposed by the Commission*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, and *enhance* creative *and* cultural diversity. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies

##### *Amendment*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, *whilst enhancing not only the cultural and creative sector but also cultural and linguistic* diversity. Seizing these opportunities requires collectively tackling some of the

affected by the digital transformation.

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<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

challenges posed by the digital transformation and **digital monopolies and** reviewing policies affected by the digital transformation.

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<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

Or. en

## **Amendment 48** **Martina Michels**

### **Proposal for a regulation** **Recital 6**

#### *Text proposed by the Commission*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, and enhance creative and cultural diversity. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies affected by the digital transformation.

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PE627.586v01-00

#### *Amendment*

(6) The Tallinn Digital Summit<sup>55</sup> of September 2017 and the Conclusions of the European Council<sup>56</sup> of 19 October 2017 indicated the need for Europe to invest in digitising our economies and addressing the skills gap to maintain and enhance European competitiveness, our quality of life and social fabric. The European Council concluded that the digital transformation offers immense opportunities for innovation, growth and jobs, will contribute to our global competitiveness, and enhance creative and cultural diversity, **media freedom and democratic dialogue**. Seizing these opportunities requires collectively tackling some of the challenges posed by the digital transformation and reviewing policies affected by the digital transformation.

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<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

<https://www.eu2017.ee/news/insights/conclusions-after-tallinn-digital-summit>

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<https://www.consilium.europa.eu/media/21620/19-euco-final-conclusions-en.pdf>

Or. de

**Amendment 49**  
**Dominique Bilde**

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

*Text proposed by the Commission*

*Amendment*

***(6a) On 17 January 2018, the Commission presented its first digital skills package in the context of the European Education Area. At the same time the digital skills gap remains part of the wider scientific and technological skills shortage in the Member States and should therefore be seen from this perspective.***

Or. fr

**Amendment 50**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 7**

*Text proposed by the Commission*

*Amendment*

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, digital rights and ethical standards. The

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), ***and especially high performance computing, an area in which the European Union is now lagging***

European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations and to reaffirm the leading role of its industry.

*almost irretrievably far behind China, the United States and Japan*, while at the same time ensuring a high level of data protection, digital rights and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations and to reaffirm the leading role of its industry.

Or. fr

**Amendment 51**  
**Martina Michels**

**Proposal for a regulation**  
**Recital 7**

*Text proposed by the Commission*

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, digital rights and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations *and to reaffirm the leading role of its industry*.

*Amendment*

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, digital rights and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations.

Or. de



**Amendment 52**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 7**

*Text proposed by the Commission*

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, **digital** rights and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations and to reaffirm the leading role of its industry.

*Amendment*

(7) The European Council concluded in particular that the Union should urgently address emerging trends: this includes issues such as **digital divide**, artificial intelligence and distributed ledgers technologies (e.g. blockchain), while at the same time ensuring a high level of data protection, **skills** rights and ethical standards. The European Council invited the Commission to put forward a European approach to artificial intelligence by early 2018 and called on the Commission to put forward the necessary initiatives for strengthening the framework conditions with a view to enable the EU to explore new markets through risk-based radical innovations and to reaffirm the leading role of its industry.

Or. en

**Amendment 53**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 8**

*Text proposed by the Commission*

(8) The Commission's Communication on 'A new, modern Multiannual Financial Framework for a European Union that delivers efficiently on its priorities post-2020'<sup>57</sup> outlines among the options for the future financial framework a programme for Europe's digital transformations to deliver 'strong progress towards smart growth in areas such as high quality data

*Amendment*

(8) The Commission's Communication on 'A new, modern Multiannual Financial Framework for a European Union that delivers efficiently on its priorities post-2020'<sup>57</sup> outlines among the options for the future financial framework a programme for Europe's digital transformations to deliver 'strong progress towards smart growth in areas such as high quality data

infrastructure, connectivity and cybersecurity'. It would seek to secure European leadership in supercomputing, next generation internet, artificial intelligence, robotics and big data. It **would** reinforce the competitive position of industry and businesses in Europe across the digitised economy and **would have a significant impact on filling the skills gap across the Union.**

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<sup>57</sup> COM(2018) 98 final

infrastructure, connectivity and cybersecurity'. It would seek to secure European leadership in supercomputing, next generation internet, artificial intelligence, robotics and big data. It **should** reinforce the competitive position of industry and businesses in Europe across the digitised economy and **it should ensure that European citizens have the necessary skills competences and knowledge to face the digital transformation of our societies and economies.**

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<sup>57</sup> COM(2018) 98 final

Or. en

#### **Amendment 54** **Dominique Bilde**

#### **Proposal for a regulation** **Recital 8 a (new)**

*Text proposed by the Commission*

*Amendment*

**(8a) Notwithstanding the Commission's declarations of intent, the largest budget increase under the multiannual financial framework 2021-2027 compared to multiannual financial framework 2014-2020 has been earmarked for migration and border management and not for research, innovation and digital technologies. Furthermore, the increased funding places emphasis on the integration rather than the expulsion of migrants.**

Or. fr

#### **Amendment 55** **Dominique Bilde**

**Proposal for a regulation**  
**Recital 8 b (new)**

*Text proposed by the Commission*

*Amendment*

**(8b)** *It is unfortunate that the European Union has lost most of the industrial arsenal necessary to regain the ground lost by it in high performance computing, as evidenced by the Commission's 2012 communication to the effect that most European supercomputer manufacturers had been eliminated from the field at the turn of the 21st century, leaving US suppliers to capture 95% of the European market; it is equally regrettable that European investments in high performance computing, since the launch of the 'PRACE' programme in 2010 for example, have failed to close the gap.*

Or. fr

**Amendment 56**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 8 c (new)**

*Text proposed by the Commission*

*Amendment*

**(8c)** *In 2018, the European Investment Bank reported that China, which did not have a single supercomputer in 2001, is now way ahead in the market. Furthermore, as early as 2012, the Commission had already stressed the need for close protection of intellectual property rights in concluding research agreements with third countries and of the consequences of technology transfers.*

Or. fr

**Amendment 57**  
**Martina Michels**

**Proposal for a regulation**  
**Recital 10**

*Text proposed by the Commission*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the **industrial** potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

*Amendment*

(10) The general objective of the Programme should be to support the digital transformation of industry and **in society and** to foster better exploitation of the potential of policies of innovation, research and technological development **in industry, in cultural, educational, academic/scientific and media institutions and in public administration**, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

Or. de

**Amendment 58**  
**Bogdan Brunon Wenta, Marc Joulaud, Sabine Verheyen, Bogdan Andrzej Zdrojewski, Svetoslav Hristov Malinov, Santiago Fisas Ayxelà, Theodoros Zagorakis, Petra Kammerevert, Andrea Bocskor, Francis Zammit Dimech**

**Proposal for a regulation**  
**Recital 10**

*Text proposed by the Commission*

(10) The general objective of the Programme should be to support the digital

*Amendment*

(10) The general objective of the Programme should be to support the digital

transformation of industry and to foster better exploitation of the industrial potential of *policies of* innovation, research *and* technological development, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. *For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.*

transformation of industry and to foster better exploitation of the industrial potential of innovation *and* research *policies, as well as the full use of R&D results*, technological development *and European and international standards*, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability.

Or. en

**Amendment 59**  
**Silvia Costa**

**Proposal for a regulation**  
**Recital 10**

*Text proposed by the Commission*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of

*Amendment*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, *as well as education, cultural and audiovisual policies*, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better

private and industrial resources in order to increase investment and develop stronger synergies.

aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

Or. it

**Amendment 60**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 10**

*Text proposed by the Commission*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

*Amendment*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase **public and private** investment and develop stronger synergies.

Or. fr

**Amendment 61**  
**Helga Trüpel**

**Proposal for a regulation**  
**Recital 10**

*Text proposed by the Commission*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses **and citizens** all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

*Amendment*

(10) The general objective of the Programme should be to support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of **citizens and** businesses all over the Union. The programme should be structured into five Specific Objectives reflecting key policy areas, namely: high-performance computing, cybersecurity, artificial intelligence, advanced digital skills, and deployment, best use of digital capacities and interoperability. For all these areas, the Programme should also aim at better aligning Union, Member States and regional policies, and pooling of private and industrial resources in order to increase investment and develop stronger synergies.

Or. en

**Amendment 62**  
**Silvia Costa**

**Proposal for a regulation**  
**Recital 10 a (new)**

*Text proposed by the Commission*

*Amendment*

***(10a) In line with the objectives of, and action plan for, the European Year of Cultural Heritage (which has highlighted the great potential of the cultural, artistic, creative and audiovisual sectors to contribute to European scientific and social innovation), the programme should promote partnerships and research projects between research institutes, universities and cultural, artistic, creative and audiovisual bodies (in particular, museums, academies, conservatories, theatres and cinemas). It should also***

*support the development of digital technologies that facilitate and broaden the scope for conservation of, and access to, cultural, artistic, creative and audiovisual content and services (e.g. augmented and virtual reality and human-machine interfaces), in synergy with the Creative Europe and Horizon Europe programmes.*

Or. it

**Amendment 63**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 11**

*Text proposed by the Commission*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, by public organisations and academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup>. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as Key Enabling Technologies, available also in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should

*Amendment*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry - **including VSEs/SMEs, especially start-ups, which do not have the necessary funding or expertise in fields such as high performance computing** - by public organisations and **by** academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup>. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as Key Enabling Technologies, available also in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open



also contribute to the participation of the outermost regions in the Digital Single Market.

innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

Or. fr

## **Amendment 64** **Momchil Nekov**

### **Proposal for a regulation** **Recital 11**

#### *Text proposed by the Commission*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, by public organisations and academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup>. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as Key Enabling Technologies, available also in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support

#### *Amendment*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, by public organisations and academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup> ***while privileging remote areas and the EU poorest regions***. A first set of Digital Innovation Hubs will be selected based on Member States' proposals ***taking into account criteria such as geographical situation, demographic trends, regional skills forecasts needs*** and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as Key Enabling Technologies, available also

in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

Or. en

## **Amendment 65** **Momchil Nekov**

### **Proposal for a regulation** **Recital 11**

#### *Text proposed by the Commission*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, by public organisations and academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup>. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as Key Enabling Technologies, available also in fablabs or citylabs. They shall act as

#### *Amendment*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, ***SMEs, local start-ups*** by public organisations and academia ***taking into account the specific sectorial needs at regional level***. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup> ***giving a preference to the poorest region in the EU***. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other

single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

existing innovative technologies such as Key Enabling Technologies, available also in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

Or. en

**Amendment 66**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Recital 11**

*Text proposed by the Commission*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, by public organisations and academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup>. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as Key

*Amendment*

(11) A central role in the implementation of the Programme should be attributed to Digital Innovation Hubs, which should stimulate the broad adoption of advanced digital technologies by industry, by public organisations and academia. A network of Digital Innovation Hubs should ensure the widest geographical coverage across Europe<sup>59</sup>. A first set of Digital Innovation Hubs will be selected based on Member States' proposals and then the network will be enlarged through an open, **transparent** and competitive process. The Digital Innovation Hubs will serve as access points to latest digital capacities including high performance computing (HPC), artificial intelligence, cybersecurity, as well as other existing innovative technologies such as

Enabling Technologies, available also in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

Key Enabling Technologies, available also in fablabs or citylabs. They shall act as single-entry points in accessing tested and validated technologies and promote open innovation. They will also provide support in the area of advanced digital skills. The network of Digital Innovation Hubs should also contribute to the participation of the outermost regions in the Digital Single Market.

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<sup>59</sup> As indicated in the Communication on Digitising European Industry (COM(2016) 180 final)

Or. en

## **Amendment 67** **Dominique Bilde**

### **Proposal for a regulation** **Recital 12**

#### *Text proposed by the Commission*

(12) The Programme should be implemented through projects reinforcing essential digital capacities and their wide use. This should involve co-investments with Member States and, *when needed*, the private sector. This should notably require reaching a critical mass in procurement to obtain better value for money and guarantee that suppliers in Europe stay at the forefront of technology advancements.

#### *Amendment*

(12) The Programme should be implemented through projects reinforcing essential digital capacities and their wide use. This should involve co-investments with Member States and, *where possible, the private sector, where investment levels are still low, particularly in the area of high-performance computing*. This should notably require reaching a critical mass in procurement to obtain better value for money and guarantee that suppliers in Europe stay at the forefront of technology advancements.

Or. fr

## **Amendment 68** **Helga Trüpel**

**Proposal for a regulation**  
**Recital 14**

*Text proposed by the Commission*

(14) The 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*

(14) The 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. ***It should also see to the unconditional respect of rights of content providers, consumers and users of digital technology, ensuring full respect of European values in the development of a digital Europe.***

Or. en

**Amendment 69**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 14**

*Text proposed by the Commission*

(14) The 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*

(14) The Programme's actions should be used to address market failures or sub-optimal ***private investment or bank financing, while encouraging private financing, facilitating the increased provision of specialist banking services and ensuring*** a clear ***and measurable*** European added value.

Or. fr

**Amendment 70**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 16**

*Text proposed by the Commission*

(16) The high performance computing and the related data processing capacities in the Union should allow to ensure wider use of high performance computing by industry and, more generally, in areas of public interest in order to seize unique opportunities that supercomputers bring to society as regards health, environment and security as well as competitiveness of industry, notably small and medium-sized enterprises.

*Amendment*

(16) The high performance computing and the related data processing capacities in the Union should allow to ensure wider use of high performance computing by industry and, more generally, in areas of public interest in order to seize unique opportunities that supercomputers bring to society as regards health, environment and security as well as competitiveness of industry, notably *start-ups, micro*, small and medium-sized enterprises.

Or. en

**Amendment 71**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 16**

*Text proposed by the Commission*

(16) The high performance computing and the related data processing capacities in the Union should allow to ensure wider use of high performance computing by industry and, more generally, in areas of public interest in order to seize unique opportunities that supercomputers bring to society as regards health, environment and security as well as competitiveness of industry, notably small and medium-sized enterprises.

*Amendment*

(16) The high performance computing and the related data processing capacities in the Union should allow to ensure wider use of high performance computing by industry and, more generally, in areas of public interest in order to seize unique opportunities that supercomputers bring to society as regards health, environment and *energy production and defence*, as well as competitiveness of industry, notably small and medium-sized enterprises.

Or. fr

**Amendment 72**  
**Helga Trüpel**

**Proposal for a regulation**

## Recital 16

*Text proposed by the Commission*

(16) The high performance computing and the related data processing capacities in the Union should allow to ensure wider use of high performance computing by industry and, more generally, in areas of public interest in order to seize unique opportunities that supercomputers bring to society as regards health, environment and security as well as competitiveness of industry, notably small and medium-sized enterprises.

*Amendment*

(16) The high performance computing and the related data processing capacities in the Union should allow to ensure wider use of high performance computing by industry and, more generally, in areas of public interest in order to seize unique opportunities that supercomputers bring to society as regards health, environment, ***linguistics*** and security as well as competitiveness of industry, notably small and medium-sized enterprises.

Or. en

## Amendment 73 Michaela Šojdrová

### Proposal for a regulation Recital 16 a (new)

*Text proposed by the Commission*

*Amendment*

***(16a) Digital technologies should not be exclusive, but should be widely accessible to all the necessary public and private bodies, taking into account geographical balance; the criteria for grants, therefore, should give strong emphasis to the general impact, the availability of technologies and information technologies, and the geographic balance.***

Or. cs

## Amendment 74 Dominique Bilde

### Proposal for a regulation Recital 17

*Text proposed by the Commission*

(17) The support to the Union's intervention in this area was expressed by the Council<sup>60</sup> and, by the European Parliament<sup>61</sup>. **Moreover, in 2017 nine Member States signed the EuroHPC Declaration<sup>62</sup>, a multi-government agreement where they commit to collaborate with the Commission to build and deploy state-of-the-art HPC and data infrastructures in Europe that would be available across the Union for scientific communities, public and private partners.**

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*Amendment*

(17) The support to the Union's intervention in this area was expressed by the Council<sup>60</sup> and, by the European Parliament<sup>61</sup>. **In 2010, the 'PRACE' (Partnership for Advanced Computing in Europe) programme was initiated with a view to launching the European Union into the field of high performance computing. Moreover, in 2017 nine Member States signed the EuroHPC Declaration<sup>62</sup>, a multi-government agreement under which they commit to collaborate with the Commission to build and deploy state-of-the-art HPC and data infrastructures in Europe that would be available across the Union for scientific communities and for public and private partners.**

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Or. fr

**Amendment 75**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 18**

*Text proposed by the Commission*

(18) For the high performance computing specific objective a joint undertaking is deemed the most suited implementation mechanism, in particular to coordinate national and Union strategies and investments in high performance computing infrastructure and research and development, pool resources from public and private funds, and safeguard the

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*Amendment*

(18) For the high performance computing specific objective a joint undertaking is deemed the most suited implementation mechanism, in particular to coordinate national and Union strategies and investments in high performance computing infrastructure and research and development, pool resources from public and private funds, and safeguard the

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economic and strategic interests of the Union<sup>63</sup>. Moreover, high performance computing competence centres in Member States will provide high performance computing services to industry, academia and public administrations.

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<sup>63</sup> Impact Assessment accompanying the document "Proposal for a Council Regulation on establishing the EuroHPC Joint Undertaking"  
(<https://ec.europa.eu/digital-single-market/en/news/proposal-council-regulation-establishing-eurohpc-joint-undertaking-impact-assessment>)

economic and strategic interests of the Union<sup>63</sup>. Moreover, high performance computing competence centres in Member States will provide high performance computing services to industry, **including VSEs/SMEs and start-ups**, academia and public administrations.

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<sup>63</sup> Impact Assessment accompanying the document "Proposal for a Council Regulation on establishing the EuroHPC Joint Undertaking"  
(<https://ec.europa.eu/digital-single-market/en/news/proposal-council-regulation-establishing-eurohpc-joint-undertaking-impact-assessment>)

Or. fr

## **Amendment 76** **Dominique Bilde**

### **Proposal for a regulation** **Recital 19**

#### *Text proposed by the Commission*

(19) Developing capacity related to artificial intelligence is a crucial driver for the digital transformation of industry and also of the public sector . Ever more autonomous robots are used in factories, deep sea application, homes, cities and hospitals. Commercial artificial intelligence platforms have moved from testing to real applications in health and environment; all major car manufacturers are developing self-driving cars, and machine learning techniques are at the heart of all main web platforms and big data applications.

#### *Amendment*

(19) Developing capacity related to artificial intelligence is a crucial driver for the digital transformation of industry and also of the public sector . Ever more autonomous robots are used in factories, deep sea application, homes, cities and hospitals. Commercial artificial intelligence platforms have moved from testing to real applications in health and environment; all major car manufacturers are developing self-driving cars, and machine learning techniques are at the heart of all main web platforms and big data applications. ***Artificial intelligence is also contributing to the development of 3D printing, a state-of-the-art technique for the large-scale production of an increasing number of goods, obviating the***

*need for plant relocation to low-wage countries.*

Or. fr

**Amendment 77**  
**Helga Trüpel**

**Proposal for a regulation**  
**Recital 20**

*Text proposed by the Commission*

(20) The availability of large-scale data sets and testing and experimentation facilities are of major importance for the development of artificial intelligence.

*Amendment*

(20) The availability of large-scale data sets, *as well as computational linguistics*, and testing and experimentation facilities are of major importance for the development of artificial intelligence.

Or. en

**Amendment 78**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 21**

*Text proposed by the Commission*

(21) In its resolution of 1 June 2017 on digitising European industry<sup>64</sup> the European Parliament highlighted the importance of a common European cybersecurity approach, recognising the need to raise awareness and considered cyber-resilience as a crucial responsibility for business leaders and national and European industrial security policymakers.

*Amendment*

(21) In its resolution of 1 June 2017 on digitising European industry<sup>64</sup> the European Parliament highlighted the importance of a common European cybersecurity approach, recognising the need to raise awareness and considered cyber-resilience as a crucial responsibility for business leaders and national and European industrial security policymakers. *In particular, they must be encouraged to refrain from supplying computer or telecom equipment placed on the market by certain foreign groups and giving rise to proven security and confidentiality risks.*

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<sup>64</sup> Document ref. A8-0183/2017, available at:  
<http://www.europarl.europa.eu/sides/getDoc.do?type=TA&language=EN&reference=P8-TA-2017-0240>

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<sup>64</sup> Document ref. A8-0183/2017, available at:  
<http://www.europarl.europa.eu/sides/getDoc.do?type=TA&language=EN&reference=P8-TA-2017-0240>

Or. fr

## **Amendment 79** **Dominique Bilde**

### **Proposal for a regulation** **Recital 22**

#### *Text proposed by the Commission*

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens and businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

#### *Amendment*

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens and businesses ***and its military and other strategic interests*** from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

Or. fr

## **Amendment 80** **Momchil Nekov**

### **Proposal for a regulation**

## Recital 22

*Text proposed by the Commission*

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens and businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

*Amendment*

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect its citizens, **public administrations** and businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

Or. en

## Amendment 81

**Isabella Adinolfi, Dario Tamburrano**

### Proposal for a regulation

#### Recital 22

*Text proposed by the Commission*

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect *its* citizens **and** businesses from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be achieved together with Member

*Amendment*

(22) Cybersecurity is a challenge for the whole Union that cannot continue to be addressed only with fragmented national initiatives. Europe's cybersecurity capacity should be reinforced to endow Europe with the necessary capacities to protect citizens, businesses **and public administrations** from cyber threats. In addition consumers should be protected when using connected products that can be hacked and compromise their safety. This should be

States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

achieved together with Member States and private sector by developing, and ensuring coordination between, projects reinforcing Europe's capacities in cybersecurity and ensuring the wide deployment of latest cybersecurity solutions across the economy, as well as by aggregating the competences in this field to ensure critical mass and excellence.

Or. en

**Amendment 82**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 25**

*Text proposed by the Commission*

(25) The European Council in its conclusions of 19 October 2017 stressed that to successfully build a Digital Europe, the Union needs in particular labour markets, training and education systems fit for the digital age and that there is a need to invest in digital skills, to empower and enable all Europeans;

*Amendment*

(25) The European Council in its conclusions of 19 October 2017 stressed that to successfully build a Digital Europe, the Union needs in particular labour markets, training and education systems fit for the digital age ***not only in terms of digital infrastructures in educational institutions, but also in terms of continued training opportunities for teachers, low-skilled workers, young people and senior citizens*** and that there is a need to invest in digital skills ***both basic and advanced***, to empower and enable all Europeans ***in order to fully benefit from the EU Digital Single Market***;

Or. en

**Amendment 83**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 25**

*Text proposed by the Commission*

(25) The European Council in its conclusions of 19 October 2017 stressed that to successfully build a Digital Europe, the Union needs in particular labour markets, training and education systems fit for the digital age and that there is a need to invest in digital skills, to empower and enable all Europeans;

*Amendment*

(25) The European Council in its conclusions of 19 October 2017 stressed that to successfully build a Digital Europe, the Union needs in particular labour markets, training and education systems fit for the digital age and that there is a need to invest in digital skills, to empower and enable all Europeans; ***at the same time, these skills are closely linked to the acquisition of basic knowledge in the field of mathematics for example.***

Or. fr

**Amendment 84**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 25 a (new)**

*Text proposed by the Commission*

*Amendment*

***(25a) In its resolution of 14 September 2017 on the New Skills Agenda for Europe<sup>65a</sup>, the European Parliament recalled that in today's society, ensuring basic digital skills is an essential prerequisite for personal and professional fulfilment. Furthermore it stressed the necessity of equipping people with more specific and advanced digital competences in order to be able to use digital technologies in an innovative and creative way.***

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<sup>65a</sup> *Texts adopted, P8\_TA(2017)0360.*

Or. en

**Amendment 85**  
**Dominique Bilde**

## Proposal for a regulation

### Recital 26

*Text proposed by the Commission*

(26) The European Council in its conclusions of 14 December 2017 called on Member States, the Council and the Commission to take forward the agenda of the Gothenburg Social Summit of November 2017 including the European Pillar of Social Rights as well as education and training and the delivery of the new European Skills Agenda. The European Council also asked the Commission, the Council and the Member States to examine possible measures addressing the skills challenges linked to digitisation, cybersecurity, *media literacy* and artificial intelligence and the need for *an inclusive*, lifelong-learning-based and innovation-driven approach to education and training. In response, the Commission presented on 17 January 2018 a first package of measures, addressing key competences, digital skills<sup>66</sup> as well as common values and inclusive education. In May 2018, a second package of measure was launched advancing work to build a European Education Area by 2025, which also emphasises the centrality of digital skills.

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<sup>66</sup> Within this package, the Digital Education Action Plan (COM(2018) 22 final) sets out a series of measure to support Member States in the development of digital skills and competences in formal education.

*Amendment*

(26) The European Council in its conclusions of 14 December 2017 called on Member States, the Council and the Commission to take forward the agenda of the Gothenburg Social Summit of November 2017 including the European Pillar of Social Rights as well as education and training and the delivery of the new European Skills Agenda. The European Council also asked the Commission, the Council and the Member States to examine possible measures addressing the skills challenges linked to digitisation, cybersecurity, *a critical thinking* and artificial intelligence and the need for *a* lifelong-learning-based and innovation-driven approach to education and training *that must be accessible to all*. In response, the Commission presented on 17 January 2018 a first package of measures, addressing key competences, digital skills<sup>66</sup> as well as common values and inclusive education. In May 2018, a second package of measure was launched advancing work to build a European Education Area by 2025, which also emphasises the centrality of digital skills, *notwithstanding the exclusive areas of responsibility of the Member States in the education system as set out in Articles 165 and 166 of the Treaty on the Functioning of the European Union*.

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<sup>66</sup> Within this package, the Digital Education Action Plan (COM(2018) 22 final) sets out a series of measure to support Member States in the development of digital skills and competences in formal education.

Or. fr

## Amendment 86

**Bogdan Brunon Wentz, Marc Joulaud, Sabine Verheyen, Bogdan Andrzej Zdrojewski, Svetoslav Hristov Malinov, Santiago Fisas Aixelà, Theodoros Zagorakis, Petra Kammerevert, Andrea Bocskor, Francis Zammit Dimech**

### Proposal for a regulation

#### Recital 27

##### *Text proposed by the Commission*

(27) In its resolution of 1 June 2017 on digitising European industry<sup>67</sup> the European Parliament stated that education, training and lifelong learning are the cornerstone of social cohesion in a digital society.

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<sup>67</sup> Document ref. A8-0183/2017, available at:  
<http://www.europarl.europa.eu/sides/getDoc.do?type=TA&language=EN&reference=P8-TA-2017-0240>

##### *Amendment*

(27) In its resolution of 1 June 2017 on digitising European industry<sup>67</sup> the European Parliament stated that education, training and lifelong learning are the cornerstone of social cohesion in a digital society. ***It emphasised as well the importance of basic digital skills which should encompass knowledge of the possibilities that digital skills offer, advanced use of basic digital tools, safe internet behaviour and search methodologies to identify credible sources, and promote awareness-raising about rights online. It would also contribute to allowing citizens to have a critical understanding of different forms of digital media and thereby increasing and enhancing the resources and opportunities offered by ‘digital literacy’.***

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<sup>67</sup> Document ref. A8-0183/2017, available at:  
<http://www.europarl.europa.eu/sides/getDoc.do?type=TA&language=EN&reference=P8-TA-2017-0240>

Or. en

## Amendment 87

**Dominique Bilde**

### Proposal for a regulation

#### Recital 27



*Text proposed by the Commission*

(27) In its resolution of 1 June 2017 on digitising European industry<sup>67</sup> the European Parliament stated that education, training and lifelong learning are **the cornerstone** of social cohesion in a digital society.

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<sup>67</sup> Document ref. A8-0183/2017, available at:  
<http://www.europarl.europa.eu/sides/getDoc.do?type=TA&language=EN&reference=P8-TA-2017-0240>

*Amendment*

(27) In its resolution of 1 June 2017 on digitising European industry<sup>67</sup> the European Parliament stated that education, training and lifelong learning are **among the cornerstones** of social cohesion in a digital society.

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<sup>67</sup> Document ref. A8-0183/2017, available at:  
<http://www.europarl.europa.eu/sides/getDoc.do?type=TA&language=EN&reference=P8-TA-2017-0240>

Or. fr

**Amendment 88**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 28**

*Text proposed by the Commission*

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe

*Amendment*

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. ***However, the dearth of digital skills can be attributed to the consistently low percentage of higher education students***

programmes.

*attracted to careers in science and technology, which, according to a 2015 European Parliament study, could lead to a skills shortage in these fields by 2025.* The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

Or. fr

**Amendment 89**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Recital 28**

*Text proposed by the Commission*

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

*Amendment*

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. ***Particular attention should be paid to providing workers, especially in the context of an ageing workforce, the means and tools to benefit from the opportunities offered by new digital infrastructures.*** Failing this could impede the smooth deployment of advanced digital technologies and hamper ***the participation of citizens to the public life and the job market, as well as*** the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe

programmes.

Or. en

**Amendment 90**  
**Momchil Nekov**

**Proposal for a regulation**  
**Recital 28**

*Text proposed by the Commission*

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. Training opportunities in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe programmes.

*Amendment*

(28) The advanced digital technologies supported by this Programme, such as high performance computing, cybersecurity and artificial intelligence are now sufficiently mature to move beyond the research arena and be deployed, implemented and scaled-up at Union level. Just as the deployment of these technologies require a Union response so does the skills dimension. ***Learning and training opportunities, including on-the-job training, blended and distance learning*** in advanced digital skills need to be scaled up, increased and made accessible throughout the EU. Failing this could impede the smooth deployment of advanced digital technologies and hamper the overall competitiveness of Union's economy. The actions supported by this programme are complementary to those supported by the ESF, ERDF and Horizon Europe ***and Erasmus*** programmes.

Or. en

**Amendment 91**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Recital 28 a (new)**

***(28a) Although it is essential that the Programme allows for the creation of an ecosystem capable of fostering European investments, generating added value for European citizens, businesses and public administrations and increasing citizens' basic and advanced digital skills and competences, classical and humanistic skills should nevertheless continue to be nurtured while potential pathologies linked to digitalisation, in the context of social and physical interactions, should not be overlooked.***

Or. en

**Amendment 92**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Recital 29**

*Text proposed by the Commission*

(29) Modernising public administrations and services through digital means is crucial to reducing administrative burden on industry and on citizens in general by making their interactions with public authorities faster, more convenient and less costly, as well as by increasing the efficiency and the quality of the services provided to citizens and businesses. Since a number of services of public interest already have a Union dimension, the support to their implementation and deployment at Union level should ensure that citizens and businesses will benefit from the access to high quality digital services across Europe.

*Amendment*

(29) Modernising public administrations and services through digital means is crucial to ***guarantee basic rights such as universal access to health services, sustainable mobility, citizen participation to public life and transparency, as well as*** reducing administrative burden on industry and on citizens in general by making their interactions with public authorities faster, more convenient and less costly, as well as by increasing the efficiency and the quality of the services provided to citizens and businesses. Since a number of services of public interest already have a Union dimension, the support to their implementation and deployment at Union level should ensure that citizens and businesses will benefit from the access to high quality digital services across Europe.

**Amendment 93**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 29**

*Text proposed by the Commission*

(29) Modernising public administrations and services through digital means is **crucial to** reducing administrative burden on industry and on citizens in general by making their interactions with public authorities faster, more convenient and less costly, as well as by increasing the efficiency and the quality of the services provided to citizens and businesses. Since a number of services of public interest already have a Union dimension, the support to their implementation and deployment at Union level should ensure that citizens and businesses will benefit from the access to high quality digital services across Europe.

*Amendment*

(29) Modernising public administrations and services through digital means is **an effective way of** reducing administrative burden on industry and on citizens in general by making their interactions with public authorities faster, more convenient and less costly, as well as by increasing the efficiency and the quality of the services provided to citizens and businesses; **at the same time, the dematerialised interface should not replace human contact, which is essential in ensuring administrative efficiency.** Since a number of services of public interest already have a Union dimension, the support to their implementation and deployment at Union level should ensure that citizens and businesses will benefit from the access to high quality digital services across Europe.

Or. fr

**Amendment 94**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Recital 29 a (new)**

*Text proposed by the Commission*

*Amendment*

**(29a) The lack of digital skills in the public sector deserves specific attention. It is essential to continue investing in education and training of the workforce in the public sector in order to adopt**

*digital transformation technologies in a smoother and more efficient way.*

Or. en

**Amendment 95**  
**Helga Trüpel**

**Proposal for a regulation**  
**Recital 30**

*Text proposed by the Commission*

(30) The digital transformation of the areas of public interest such as healthcare<sup>68</sup>, mobility, justice, earth/environmental monitoring, education and culture requires the continuation and expansion of Digital Service Infrastructures, which make secure cross-border exchange of data possible and foster national development. Their coordination under this Regulation best achieves the potential for exploiting synergies.

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68

[http://ec.europa.eu/newsroom/dae/document.cfm?doc\\_id=51628](http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=51628)

*Amendment*

(30) The digital transformation of the areas of public interest such as healthcare<sup>68</sup>, mobility, justice, earth/environmental monitoring, education and culture requires the continuation and expansion of Digital Service Infrastructures, which make secure cross-border exchange of data possible and foster national development. Their coordination under this Regulation best achieves the potential for exploiting synergies. ***The digital transformation should nevertheless take into account that some citizens are not taking part - out of different reasons - in it and networks should be supported to continue informing those citizens, helping them to remain in full possession of their rights and participation to all social and civic duties.***

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68

[http://ec.europa.eu/newsroom/dae/document.cfm?doc\\_id=51628](http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=51628)

Or. en

**Amendment 96**  
**Momchil Nekov**

**Proposal for a regulation**

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## Recital 30

*Text proposed by the Commission*

(30) The digital transformation of the areas of public interest such as healthcare<sup>68</sup>, mobility, justice, earth/environmental monitoring, education and culture requires the continuation and expansion of Digital Service Infrastructures, which make secure cross-border exchange of data possible and foster national development. Their coordination under this Regulation best achieves the potential for exploiting synergies.

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68

[http://ec.europa.eu/newsroom/dae/document.cfm?doc\\_id=51628](http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=51628)

*Amendment*

(30) The digital transformation of the areas of public interest such as healthcare<sup>68</sup>, mobility, justice, earth/environmental monitoring, education **and training** and culture requires the continuation and expansion of Digital Service Infrastructures, which make secure cross-border exchange of data possible and foster national development. Their coordination under this Regulation best achieves the potential for exploiting synergies.

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68

[http://ec.europa.eu/newsroom/dae/document.cfm?doc\\_id=51628](http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=51628)

Or. en

## Amendment 97

**Yana Toom**

### Proposal for a regulation

#### Recital 30 a (new)

*Text proposed by the Commission*

*Amendment*

***(30a) The deployment and access to advanced technologies in areas of public interest, such as education, also require training in skills necessary to make use of these technologies. Therefore the objectives included in Specific Objective 8 should also cover training programmes for those persons who will be using the advanced technologies.***

Or. en

## Amendment 98

**Dominique Bilde**

**Proposal for a regulation**  
**Recital 31**

*Text proposed by the Commission*

(31) The Council of the EU in its Tallinn declaration of 6 October 2017 concluded that digital progress is transforming our societies and economies to the core, ***challenging the effectiveness of previously developed policies in a broad range of areas as well as the role and function of the public administration overall.*** It is our duty to anticipate and manage these challenges to meet the needs and expectations of citizens and businesses.

*Amendment*

(31) The Council of the EU in its Tallinn declaration of 6 October 2017 concluded that digital progress is transforming our societies and economies to the core. It is our duty to anticipate and manage these challenges to meet the needs and expectations of citizens and businesses.

Or. fr

**Amendment 99**  
**Julie Ward**

**Proposal for a regulation**  
**Recital 31**

*Text proposed by the Commission*

(31) The Council of the EU in its Tallinn declaration of 6 October 2017 concluded that digital progress is transforming our societies and economies to the core, challenging the effectiveness of previously developed policies in a broad range of areas as well as the role and function of the public administration overall. It is our duty to anticipate and manage these challenges to meet the needs and expectations of citizens and businesses.

*Amendment*

(31) The Council of the EU in its Tallinn declaration of 6 October 2017 concluded that digital progress is transforming our societies and economies to the core, challenging the effectiveness of previously developed policies in a broad range of areas as well as the role and function of the public administration overall. It is our duty to ***reclaim the internet as a common good and therefore*** anticipate and manage these challenges to meet the needs and expectations of citizens and businesses.

Or. en



**Amendment 100**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 32**

*Text proposed by the Commission*

**(32) The modernisation of European public administrations is one of the key priorities for successful implementation of the Digital Single Market Strategy. The mid-term evaluation of the Strategy highlighted the need to strengthen the transformation of public administrations and to ensure citizens have easy, trusted, and seamless access to public services.**

*Amendment*

**deleted**

Or. fr

**Amendment 101**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 34**

*Text proposed by the Commission*

**(34) Interoperability of European public services *concerns all levels of administration: Union, national, regional and local. Besides removing barriers to a functioning Single Market, interoperability facilitates successful implementation of policies and offers great potential to avoid* cross-border electronic barriers, *further securing the emergence of new, or the consolidation of developing, common public services at Union level.* In order to eliminate fragmentation of European services, to support fundamental freedoms and operational mutual recognition in the EU, a holistic cross-sector and cross-border approach to interoperability should be promoted in the manner that is the most**

*Amendment*

**(34) Interoperability of European public services *can help overcome* cross-border electronic barriers. In order to eliminate fragmentation of European services, to support fundamental freedoms and operational mutual recognition in the EU, a holistic cross-sector and cross-border approach to interoperability should be promoted in the manner that is the most effective, and the most responsive to end-users. This implies that interoperability is to be understood in a broad sense, spanning from technical to legal layers and encompassing policy elements in the field. Accordingly, the span of activities would go beyond the usual lifecycle of solutions to include all the interventions elements that would support the necessary**

effective, and the most responsive to end-users. This implies that interoperability is to be understood in a broad sense, spanning from technical to legal layers and encompassing policy elements in the field. Accordingly, the span of activities would go beyond the usual lifecycle of solutions to include all the interventions elements that would support the necessary framework conditions for sustained interoperability at large.

framework conditions for sustained interoperability at large.

Or. fr

**Amendment 102**  
**Martina Michels**

**Proposal for a regulation**  
**Recital 34**

*Text proposed by the Commission*

(34) Interoperability of European public services concerns all levels of administration: Union, national, regional and local. Besides removing barriers to a functioning Single Market, interoperability facilitates successful implementation of policies and offers great potential to avoid cross-border electronic barriers, further securing the emergence of new, or the consolidation of developing, common public services at Union level. In order to eliminate fragmentation of European services, to support fundamental freedoms and operational mutual recognition in the EU, a holistic cross-sector and cross-border approach to interoperability should be promoted in the manner that is the most effective, and the most responsive to end-users. This implies that interoperability is to be understood in a broad sense, spanning from technical to legal layers and encompassing policy elements in the field. Accordingly, the span of activities would go beyond the usual lifecycle of solutions

*Amendment*

(34) Interoperability of European public services concerns all levels of administration: Union, national, regional and local. Besides removing barriers to a functioning Single Market, interoperability facilitates successful implementation of policies and offers great potential to avoid cross-border electronic barriers, further securing the emergence of new, or the consolidation of developing, common public services at Union level, ***with particular regard to Articles 8, 10 and 11 of the Charter of Fundamental Rights of the European Union (2000/C 364/01)***. In order to eliminate fragmentation of European services, to support fundamental freedoms and operational mutual recognition in the EU, a holistic cross-sector and cross-border approach to interoperability should be promoted in the manner that is the most effective, and the most responsive to end-users. This implies that interoperability is to be understood in a broad sense, spanning from technical to

to include all the interventions elements that would support the necessary framework conditions for sustained interoperability at large.

legal layers and encompassing policy elements in the field. Accordingly, the span of activities would go beyond the usual lifecycle of solutions to include all the interventions elements that would support the necessary framework conditions for sustained interoperability at large.

Or. de

**Amendment 103**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Recital 34 a (new)**

*Text proposed by the Commission*

*Amendment*

***(34a) In order to make the most of all the opportunities and benefits offered by digital technologies, the existing gap in terms of access and use between public administrations, individuals, businesses and geographical areas should be filled. In view of this, accelerating the adoption of digital infrastructures, in particular in the most disadvantaged areas of the European territory, is fundamental in order to increase inclusiveness as well as the reduction of the digital divide.***

Or. en

**Amendment 104**  
**Helga Trüpel**

**Proposal for a regulation**  
**Recital 35 a (new)**

*Text proposed by the Commission*

*Amendment*

***(35a) In that context, and as evidenced by the Europeana initiative, the digitisation of European works represents***

*a significant opportunity to improve the accessibility, distribution and promotion of European culture and common cultural heritage. Digital innovation can provide the impetus for a revolution in how cultural goods are exhibited and accessed. Promoting the use of 3D technologies for data collection and the reconstruction of destroyed cultural goods and heritage is, in that regard, of particular importance. Digital Europe can therefore contribute to the guarantee of funding for a fair and ethical digitisation, preservation and online availability of European cultural heritage and culture.*

Or. en

**Amendment 105**

**Bogdan Brunon Wentz, Marc Joulaud, Sabine Verheyen, Bogdan Andrzej Zdrojewski, Svetoslav Hristov Malinov, Santiago Fisas Aixelà, Theodoros Zagorakis, Petra Kammerevert, Andrea Bocskor, Francis Zammit Dimech**

**Proposal for a regulation  
Recital 35 a (new)**

*Text proposed by the Commission*

*Amendment*

*(35a) Furthermore historical and cultural sites are often not easily accessible for persons with disabilities. The Programme could therefore contribute to support digital initiatives aiming at improving engagement and making cultural experiences, sites and artefacts throughout Europe more accessible to persons with disabilities, regardless of geographical location.*

Or. en

**Amendment 106  
Dominique Bilde**

**Proposal for a regulation**  
**Recital 46**

*Text proposed by the Commission*

(46) The power to adopt acts in accordance with Article 290 of the Treaty on the Functioning of the European Union should be delegated to the Commission concerning amendments to Annex II to review and/or complement the indicators. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement on Better Law-Making of 13 April 2016. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts.

*Amendment*

(46) The power to adopt acts in accordance with Article 290 of the Treaty on the Functioning of the European Union should be delegated to the Commission concerning amendments to Annex II to review and/or complement the indicators. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement on Better Law-Making of 13 April 2016. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts.  
***Furthermore, Parliament may revoke the delegation of powers at any time.***

Or. fr

**Amendment 107**  
**Dominique Bilde**

**Proposal for a regulation**  
**Recital 47**

*Text proposed by the Commission*

(47) This Regulation respects fundamental rights and observes the principles recognised in the Charter of Fundamental Rights of the European Unions, notably those referred under Articles [8], [11], [16], [21], [35], [38] and

*Amendment*

(47) This Regulation respects fundamental rights and observes the principles recognised in the Charter of Fundamental Rights of the European Unions, notably those referred under Articles [8], [11], [16], [21], [35], [38] and

[47] regarding the protection of personal data, the freedom of expression and information, the freedom to conduct business, the prohibition of discrimination, healthcare, consumer protection and the right to effective remedy and fair trial. The Member States must apply this Regulation in a manner consistent with these rights and principles’.

[47] regarding the protection of personal data, the *protection of private and family life and hence of communications, the* freedom of expression and information, the freedom to conduct business, the prohibition of discrimination, healthcare, consumer protection and the right to effective remedy and fair trial. The Member States must apply this Regulation in a manner consistent with these rights and principles’.

Or. fr

**Amendment 108**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 2 – paragraph 1 – point e**

*Text proposed by the Commission*

(e) 'Digital Innovation Hub' means legal entity designated or selected in an open and competitive procedure in order to fulfil the tasks under the Programme, in particular providing access to technological expertise and experimentation facilities, such as equipment and software tools to enable the digital transformation of the industry.

*Amendment*

(e) 'Digital Innovation Hub' means legal entity designated or selected in an open and competitive procedure, in order to fulfil the tasks under the Programme, in particular providing access to technological expertise and experimentation facilities, such as equipment and software tools, *as well as specialised trainings in advance digital skills*, to enable the digital transformation of the industry *and the digital empowerment of all European citizens*.

Or. en

**Amendment 109**  
**Martina Michels**

**Proposal for a regulation**  
**Article 2 – paragraph 1 – point e**

*Text proposed by the Commission*

(e) 'Digital Innovation Hub' means legal entity designated or selected in an open and competitive procedure in order to fulfil the tasks under the Programme, in particular providing access to technological expertise and experimentation facilities, such as equipment and software tools to enable the digital transformation of the industry.

*Amendment*

(e) 'Digital Innovation Hub' means legal entity designated or selected in an open and competitive procedure in order to fulfil the tasks under the Programme, in particular providing access to technological expertise and experimentation facilities, such as equipment and software tools to enable the digital transformation of the industry **and social institutions**.

Or. de

**Amendment 110**

**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**

**Article 2 – paragraph 1 – point e**

*Text proposed by the Commission*

(e) 'Digital Innovation Hub' means legal entity designated or selected in an open and competitive procedure in order to fulfil the tasks under the Programme, in particular providing access to technological expertise and experimentation facilities, such as equipment and software tools to enable the digital transformation of the industry.

*Amendment*

(e) 'Digital Innovation Hub' means legal entity designated or selected in an open, **transparent** and competitive procedure in order to fulfil the tasks under the Programme, in particular providing access to technological expertise and experimentation facilities, such as equipment and software tools to enable the digital transformation of the industry.

Or. en

**Amendment 111**

**Momchil Nekov**

**Proposal for a regulation**

**Article 2 – paragraph 1 – point f**

*Text proposed by the Commission*

(f) 'Advanced digital skills' are **those** skills and competences necessary to

*Amendment*

(f) 'Advanced digital skills' are **discipline-specific digital** skills and

design, develop, manage, deploy and maintain the technologies supported by this Regulation.

competences necessary to design, develop, manage, deploy and maintain the technologies supported by this Regulation.

Or. en

**Amendment 112**  
**Helga Trüpel**

**Proposal for a regulation**  
**Article 2 – paragraph 1 – point f a (new)**

*Text proposed by the Commission*

*Amendment*

*(fa) "media literacy" designs the analytical skills necessary to find one's path of understanding throughout the digital world.*

Or. en

**Amendment 113**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 3 – paragraph 1 – introductory part**

*Text proposed by the Commission*

*Amendment*

1. The Programme has the following general objective: to support the digital transformation of the European economy and society and bring its benefits to European citizens and businesses. The Programme will:

1. The Programme has the following general objective: to support the digital transformation of the European economy and society, ***strengthen the industrial sovereignty and strategic autonomy of the Member States*** and bring its benefits to European citizens and businesses. The Programme will:

Or. fr

**Amendment 114**  
**Isabella Adinolfi, Dario Tamburrano**



**Proposal for a regulation**  
**Article 3 – paragraph 1 – introductory part**

*Text proposed by the Commission*

1. The Programme has the following general objective: to support the digital transformation of the European economy and society and bring its benefits to European citizens and businesses. The Programme will:

*Amendment*

1. The Programme has the following general objective: to support the digital transformation of the European economy and society and bring its benefits to European **public sector**, citizens and businesses. The Programme will:

Or. en

**Amendment 115**  
**Helga Trüpel**

**Proposal for a regulation**  
**Article 3 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) reinforce Europe's capacities in key digital technology areas through large-scale deployment,

*Amendment*

(a) reinforce Europe's capacities in key digital technology areas, **seeing thereby to a full respect of rights and European values**, through large-scale deployment,

Or. en

**Amendment 116**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 3 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) widen their diffusion and uptake in areas of public interest and the private sector.

*Amendment*

(b) widen their diffusion and uptake in areas of public interest and the private sector **and facilitate the transition to digital businesses, providing assistance for VSEs/SMEs and start-ups in particular.**

**Amendment 117**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 3 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) widen their diffusion and uptake in areas of public interest **and** the private sector.

*Amendment*

(b) widen their diffusion and uptake in areas of public interest, **supporting their digital transformation and the adoption of the most advanced technologies and also in** the private sector.

Or. en

**Amendment 118**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 3 – paragraph 2 – point c**

*Text proposed by the Commission*

(c) Specific Objective 3: Cybersecurity **and Trust**

*Amendment*

(c) Specific Objective 3: Cybersecurity

Or. fr

**Amendment 119**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 4 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) deploy, coordinate at the Union level and operate an integrated world-class exascale<sup>77</sup> supercomputing and data infrastructure in the Union that shall be

*Amendment*

(a) deploy **as rapidly as possible**, coordinate at the Union level and operate an integrated world-class exascale<sup>77</sup> supercomputing and data infrastructure in

accessible on a non-commercial basis to public and private users and for publicly funded research purposes;

the Union that shall be *competitive with the European Union's principal rivals, including China and the United States, and* accessible on a non-commercial basis to public and private users and for publicly funded research purposes;

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<sup>77</sup> Billions of billions of floating operations per second

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<sup>77</sup> Billions of billions of floating operations per second

Or. fr

**Amendment 120**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 4 – paragraph 1 – point a a (new)**

*Text proposed by the Commission*

*Amendment*

*(aa) improve private funding, including bank facilities, for high performance computing;*

Or. fr

**Amendment 121**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 5 – paragraph 1 – point b**

*Text proposed by the Commission*

*Amendment*

(b) make those capacities accessible to all businesses and public administrations;

(b) make those capacities accessible to all businesses, *especially small and medium-sized enterprises and start-ups*, and public administrations;

Or. fr

**Amendment 122**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 6 – paragraph 1 – introductory part**

*Text proposed by the Commission*

The financial intervention by the Union under Specific Objective 3. Cybersecurity **and Trust** shall pursue the following operational objectives:

*Amendment*

The financial intervention by the Union under Specific Objective 3. Cybersecurity shall pursue the following operational objectives:

Or. fr

**Amendment 123**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 6 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data infrastructures in full compliance with **data** protection legislation;

*Amendment*

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data infrastructures in full compliance with **personal data and electronic communication** protection legislation;

Or. fr

**Amendment 124**  
**Bogdan Brunon Wenta, Marc Joulaud, Sabine Verheyen, Bogdan Andrzej Zdrojewski, Svetoslav Hristov Malinov, Santiago Fisas Ayxelà, Theodoros Zagorakis, Petra Kammerevert, Andrea Bocskor, Francis Zammit Dimech**

**Proposal for a regulation**  
**Article 6 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data

*Amendment*

(a) support, together with Member States, the procurement of advanced cybersecurity equipment, tools and data

infrastructures in full compliance with data protection legislation;

infrastructures in full compliance with data protection legislation *supported by the development of voluntary standards*;

Or. en

**Amendment 125**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 6 – paragraph 1 – point d a (new)**

*Text proposed by the Commission*

*Amendment*

*(da) raise awareness among citizens of risks as well as knowledge of basic processes concerning online privacy, data protection and cybersecurity, with particular reference to public administrations, SMEs and start-ups, in order to increase their cyber hygiene;*

Or. en

**Amendment 126**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 6 – paragraph 1 – point d a (new)**

*Text proposed by the Commission*

*Amendment*

*(da) bring cybersecurity risks to the attention of VSEs/SMEs, including start-ups, that do not have their own specialist resources and ensure that they are given the basic essential information regarding the matter;*

Or. fr

**Amendment 127**

**Martina Michels**

**Proposal for a regulation**

**Article 7 – paragraph 1 – introductory part**

*Text proposed by the Commission*

The financial intervention by the Union under Specific Objective 4. Advanced Digital skills shall support the development of advanced digital skills in areas supported by this programme, thus contributing to increase Europe's talent pool, fostering greater professionalism, especially with regard to high performance computing, big data analytics, cybersecurity, distributed ledger technologies, robotics **and artificial intelligence**. The financial intervention shall pursue the following operational objectives:

*Amendment*

The financial intervention by the Union under Specific Objective 4. Advanced Digital skills shall support the development of advanced digital skills in areas supported by this programme, thus contributing to increase Europe's talent pool, fostering greater professionalism, especially with regard to high performance computing, big data analytics, cybersecurity, distributed ledger technologies, robotics, **artificial intelligence and computer linguistics**. The financial intervention shall pursue the following operational objectives:

Or. de

**Amendment 128**

**Momchil Nekov**

**Proposal for a regulation**

**Article 7 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) support the design and delivery of long-term trainings and courses for students, IT professionals and the workforce;

*Amendment*

(a) support the design and delivery of long-term trainings and courses, **including blended learning** for students, **citizens of all ages in need of upskilling, teachers and trainers**, IT professionals and the workforce;

Or. en

**Amendment 129**

**Helga Trüpel**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) support the design and delivery of long-term trainings and courses for students, IT professionals and the workforce;

*Amendment*

(a) support the design and delivery of long-term trainings and courses for students, ***taking into account and respecting language diversity***, IT professionals and the workforce;

Or. en

**Amendment 130**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) support the design and delivery of long-term trainings and courses for students, IT professionals and the workforce;

*Amendment*

(a) support the design and delivery of ***high-quality*** long-term trainings and courses for students, ***teachers, trainers, researchers***, IT professionals and the workforce;

Or. en

**Amendment 131**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) support the design and delivery of long-term trainings and courses for students, IT professionals and the workforce;

*Amendment*

(a) support the design and delivery of long-term trainings and courses for students, ***teachers***, IT professionals and the workforce;

Or. fr

**Amendment 132**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

*Amendment*

(b) support the design and delivery of short-term trainings and courses, ***including blended learning***, for entrepreneurs, small business ***and start-ups*** leaders and the workforce, ***as well as citizens of all ages in need of upskilling***;

Or. en

**Amendment 133**  
**Silvia Costa**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

*Amendment*

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce, ***including in the non-profit sector and cultural, creative, artistic and audiovisual organisations***;

Or. it

**Amendment 134**  
**Julie Ward, Momchil Nekov**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) support the design and delivery of

*Amendment*

(b) support the design and delivery of



short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

short-term trainings and courses for entrepreneurs, small business leaders and the workforce, *as well as not-for-profit and public organisations, especially common in the arts and cultural sector;*

Or. en

**Amendment 135**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

*Amendment*

(b) support the design and delivery of *high-quality* short-term trainings and courses for *teachers, trainers,* entrepreneurs, small business leaders, *self-employed* and the workforce;

Or. en

**Amendment 136**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders and the workforce;

*Amendment*

(b) support the design and delivery of short-term trainings and courses for entrepreneurs, small business leaders, *including start-ups,* and the workforce;

Or. fr

**Amendment 137**  
**Emma McClarkin**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point b a (new)**

*Text proposed by the Commission*

*Amendment*

*(ba) support the design and delivery of Massive Open Online Courses (MOOCs) for jobseekers, students and workers;*

Or. en

**Amendment 138**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point c**

*Text proposed by the Commission*

*Amendment*

(c) support on-the-job trainings and traineeships for students, young entrepreneurs and graduates.

(c) support on-the-job trainings, *included blended learning* and traineeships for students, young entrepreneurs and graduates, *as well as citizens of all ages in need of upskilling.*

Or. en

**Amendment 139**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 7 – paragraph 1 – point c**

*Text proposed by the Commission*

*Amendment*

(c) support on-the-job trainings and traineeships for students, young entrepreneurs and graduates.

(c) support *high-quality* on-the-job trainings and traineeships for students, young entrepreneurs and graduates.

Or. en

**Amendment 140**

**Helga Trüpel**

**Proposal for a regulation**

**Article 7 – paragraph 1 – point c a (new)**

*Text proposed by the Commission*

*Amendment*

**(ca) support networks or services offering help and continued information to citizens not taking part in the digital development - out of different reasons.**

Or. en

**Amendment 141**

**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**

**Article 7 – paragraph 1 – point c a (new)**

*Text proposed by the Commission*

*Amendment*

**(ca) promote the transnational mobility of students and IT professionals in the EU, in particular through the Digital Opportunity Traineeship initiative.**

Or. en

**Amendment 142**

**Yana Toom**

**Proposal for a regulation**

**Article 8 – paragraph 1 – point a**

*Text proposed by the Commission*

*Amendment*

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport, energy, environment, cultural and creative sectors, can deploy **and** access state-of-the-art digital technologies, in particular high performance computing, artificial

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport, energy, environment, cultural and creative sectors, can deploy, access **and have the necessary skills through training to use** state-of-the-art digital technologies, in particular high performance computing,

intelligence and cybersecurity;

artificial intelligence and cybersecurity;

Or. en

**Amendment 143**  
**Helga Trüpel**

**Proposal for a regulation**  
**Article 8 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport, energy, environment, cultural and creative sectors, can deploy and access state-of-the-art digital technologies, in particular high performance computing, artificial intelligence and cybersecurity;

*Amendment*

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport, energy, environment, cultural and creative sectors, can deploy and access state-of-the-art digital technologies, in particular high performance computing, **language technology**, artificial intelligence and cybersecurity;

Or. en

**Amendment 144**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 8 – paragraph 1 – point a**

*Text proposed by the Commission*

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport, energy, environment, cultural and creative sectors, can deploy and access state-of-the-art digital technologies, in particular high performance computing, artificial intelligence and cybersecurity;

*Amendment*

(a) ensure that the public sector and areas of public interests, such as health and care, education, judiciary, transport, energy, environment, cultural and creative sectors, can **effectively** deploy and access state-of-the-art digital technologies, in particular high performance computing, artificial intelligence and cybersecurity;

Or. en

**Amendment 145**  
**Martina Michels**

**Proposal for a regulation**  
**Article 8 – paragraph 1 – point b**

*Text proposed by the Commission*

(b) deploy, operate and maintain trans-European interoperable Digital Service Infrastructures (including related services) in complementarity with national and regional actions;

*Amendment*

(b) deploy, operate and maintain trans-European interoperable Digital Service Infrastructures (including related services) in complementarity with national and regional actions, ***with particular regard to Articles 8, 10 and 11 of the Charter of Fundamental Rights of the European Union (2000/C 364/01)***;

Or. de

**Amendment 146**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 8 – paragraph 1 – point d a (new)**

*Text proposed by the Commission*

*Amendment*

***(da) reduce the distance in terms of use and access to digital services and infrastructures between public administrations, citizens, businesses and geographical areas, supporting their ability to provide more efficient services and encouraging greater citizens' involvement in decision-making processes;***

Or. en

**Amendment 147**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 8 – paragraph 1 – point e**

*Text proposed by the Commission*

(e) support the uptake of advanced digital and related technologies, including in particular high performance computing, artificial intelligence, cybersecurity and future emerging technologies by the Union industry, notably *SMEs*;

*Amendment*

(e) support the uptake of advanced digital and related technologies, including in particular high performance computing, artificial intelligence, cybersecurity and future emerging technologies by the Union industry, notably *VSEs/SMEs and start-ups*;

Or. fr

**Amendment 148**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 9 – paragraph 2 – point a**

*Text proposed by the Commission*

(a) *up to EUR 2 698 240 000* for Specific Objective 1, High Performance Computing

*Amendment*

(a) *at least 27%* for Specific Objective 1, High Performance Computing

Or. en

**Amendment 149**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 9 – paragraph 2 – point b**

*Text proposed by the Commission*

(b) *up to EUR 2 498 369 000* for Specific Objective 2, Artificial Intelligence

*Amendment*

(b) *at least 26%* for Specific Objective 2, Artificial Intelligence

Or. en

**Amendment 150**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 9 – paragraph 2 – point c**

*Text proposed by the Commission*

(c) **up to EUR 1 998 696 000** for Specific Objective 3, Cybersecurity and Trust

*Amendment*

(c) **at least 21%** for Specific Objective 3, Cybersecurity and Trust

Or. en

**Amendment 151**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 9 – paragraph 2 – point c**

*Text proposed by the Commission*

(c) up to EUR 1 998 696 000 for Specific Objective 3, Cybersecurity **and Trust**

*Amendment*

(c) up to EUR 1 998 696 000 for Specific Objective 3, Cybersecurity

Or. fr

**Amendment 152**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 9 – paragraph 2 – point d**

*Text proposed by the Commission*

(d) **up to EUR 699 543 000** for Specific Objective 4, Advanced Digital skills

*Amendment*

(d) **at least 12% for** Specific Objective 4, Advanced Digital skills

Or. en

**Amendment 153**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 9 – paragraph 2 – point e**

*Text proposed by the Commission*

(e) *up to EUR 1 299 152 000 for*  
Specific Objective 5, Deployment, best use  
of digital capacities and Interoperability

*Amendment*

(e) *at least 14% for* Specific Objective  
5, Deployment, best use of digital  
capacities and Interoperability

Or. en

**Amendment 154**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 10 – paragraph 1 – point 2**

*Text proposed by the Commission*

2. *Acceding countries, candidate  
countries and potential candidates , in  
accordance with the general principles  
and general terms and conditions for their  
participation in Union programmes  
established in the respective framework  
agreements and Association Council  
Decisions, or similar agreements, and in  
accordance with the specific conditions  
laid down in agreements between the  
Union and them;*

*Amendment*

*deleted*

Or. fr

**Amendment 155**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 10 – paragraph 1 – point 3**

*Text proposed by the Commission*

3. *Countries covered by the  
European Neighbourhood Policy, in  
accordance with the general principles  
and general terms and conditions for the*

*Amendment*

*deleted*



*participation of those countries in Union programmes established in the respective framework agreements and Association Council Decisions, or similar agreements, and in accordance with the specific conditions laid down in agreements between the Union and those countries;*

Or. fr

**Amendment 156**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 10 – paragraph 1 – point 4 – indent 1**

*Text proposed by the Commission*

– ensures a fair balance as regards the contributions and benefits of the third country participating in the Union programmes;

*Amendment*

– ensures a fair balance as regards the contributions - ***in terms of funding, initial knowledge input or human and material resources*** - and benefits of the third country participating in the Union programmes;

Or. fr

**Amendment 157**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 10 – paragraph 1 – point 4 – indent 2**

*Text proposed by the Commission*

– lays down the conditions of participation in the programmes, including the calculation of financial contributions to individual programmes and their administrative costs. ***These*** contributions shall constitute assigned revenues in accordance with Article [21(5)] of [***the new*** Financial Regulation];

*Amendment*

– lays down the conditions of participation in the programmes, including the calculation of financial contributions, ***initial knowledge input and material and human resources***, to individual programmes and their administrative costs. ***Financial*** contributions shall constitute assigned revenues in accordance with Article [21(5)] of ***the*** Financial Regulation;

**Amendment 158**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 10 – paragraph 1 – point 4 a (new)**

*Text proposed by the Commission*

*Amendment*

**4a. be conditional on reciprocity regarding participation by any EU Member State in a similar funding scheme in the third country concerned;**

Or. fr

**Amendment 159**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 10 – paragraph 1 – point 4 b (new)**

*Text proposed by the Commission*

*Amendment*

**4b. be based on a prior research agreement with the third country concerned regarding matters such as initial knowledge input, the use and exploitation of results and, in particular, any intellectual property rights arising from the project;**

Or. fr

**Amendment 160**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 11 – paragraph 1**

*Text proposed by the Commission*

*Amendment*

1. The Union may cooperate with third countries *mentioned in Article 10, with other third countries* and with international organisations or bodies established in those countries, *in particular within the framework of the Euro-Mediterranean and Eastern Partnerships and with neighbouring countries, in particular those of the Western Balkans and Black Sea regions. Without prejudice to Article [19], related costs shall not be covered by the programme.*

1. The Union may cooperate with third countries *under the terms set out in Article 10* and with *official* international organisations or bodies established in those countries. *Without prejudice to Article [19], related costs shall not be covered by the programme. These initiatives must be organised do as to ensure that the interests of the Member States are strictly protected and must not be unfavourable or unbalanced to the detriment of the European Union, whether in financial terms or in terms of initial knowledge input.*

Or. fr

**Amendment 161**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 11 – paragraph 2**

*Text proposed by the Commission*

2. The cooperation with third countries and organisations mentioned in paragraph 1 under Specific Objective 3. Cybersecurity *and Trust* shall be subject to Article [12].

*Amendment*

2. The cooperation with third countries and organisations mentioned in paragraph 1 under Specific Objective 3. Cybersecurity shall be subject to Article [12].

Or. fr

**Amendment 162**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 12 – paragraph 1**

*Text proposed by the Commission*

1. Actions carried out under the Programme shall comply with the applicable security rules and in particular

*Amendment*

1. Actions carried out under the Programme shall comply with the applicable security rules and in particular

the protection of the classified information against unauthorised disclosure, including compliance with any relevant national and Union law. In case of actions carried out outside the Union, it is necessary that, in addition to the compliance with above requirements, a security agreement must have been concluded between the Union and the third country in which the activity is conducted.

the protection of the classified information against unauthorised disclosure, ***such as national strategic or commercial data***, including compliance with any relevant national and Union law. In case of actions carried out outside the Union, it is necessary that, in addition to the compliance with above requirements, a security agreement must have been concluded between the Union and the third country in which the activity is conducted ***and reference must be made to this in the relevant framework research agreement, which must contain a confidentiality clause.***

Or. fr

**Amendment 163**  
**Martina Michels**

**Proposal for a regulation**  
**Article 12 – paragraph 1**

*Text proposed by the Commission*

1. Actions carried out under the Programme shall comply with the applicable security rules and in particular the protection of the classified information against unauthorised disclosure, including compliance with any relevant national and Union law. In case of actions carried out outside the Union, it is necessary that, in addition to the compliance with above requirements, a security agreement must have been concluded between the Union and the third country in which the activity is conducted.

*Amendment*

1. Actions carried out under the Programme shall comply with the applicable security rules and in particular the protection of the classified information against unauthorised disclosure, including compliance with any relevant national and Union law ***which guarantees freedom of information, fundamental rights and data protection for citizens.*** In case of actions carried out outside the Union, it is necessary that, in addition to the compliance with above requirements, a security agreement must have been concluded between the Union and the third country in which the activity is conducted.

Or. de

**Amendment 164**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 12 – paragraph 2**

*Text proposed by the Commission*

2. *Where appropriate, proposals and tenders shall include a security self-assessment identifying any security issues and detailing how those issues will be addressed in order to comply with the relevant national and Union laws.*

*Amendment*

2. *In connection with a research project involving third countries, the Commission and national authorities shall jointly assess security issues, detailing how those issues will be addressed in order to comply with the relevant national and Union laws.*

Or. fr

**Amendment 165**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 12 – paragraph 3**

*Text proposed by the Commission*

3. *Where appropriate, the Commission or funding body shall carry out a security scrutiny for proposals raising security issues .*

*Amendment*

3. *In connection with a research project involving third countries, the Commission or funding body and the relevant national authorities shall carry out a security scrutiny for proposals raising security issues.*

Or. fr

**Amendment 166**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 13 – paragraph 1 a (new)**

*Text proposed by the Commission*

*Amendment*

1a. *It is also necessary to ensure effective collaboration with national*

*research programmes and research centres in the Member States, as regards the EuroHPC high performance computing programme for example.*

Or. fr

**Amendment 167**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 16 – paragraph 2 – introductory part**

*Text proposed by the Commission*

2. For the purpose of the establishment of the network mentioned in paragraph 1, each Member State shall designate candidate entities through an open and competitive process, on the basis of the following criteria:

*Amendment*

2. For the purpose of the establishment of the network mentioned in paragraph 1, each Member State shall designate candidate entities through an open and competitive process *in line with their national legislation*, on the basis of the following criteria:

Or. fr

**Amendment 168**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 16 – paragraph 2 – point a a (new)**

*Text proposed by the Commission*

*Amendment*

*(aa) NUTS classification;*

Or. en

**Amendment 169**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 16 – paragraph 3 – introductory part**

*Text proposed by the Commission*

3. The Commission shall adopt a decision on the selection of entities forming the initial network. These entities shall be selected by the Commission **from candidate entities designated by** Member States on the basis of the criteria mentioned in paragraph 2 and the following additional criteria:

*Amendment*

3. The Commission shall adopt a decision on the selection of entities forming the initial network. These entities shall be selected **jointly** by the Commission **and** Member States on the basis of the criteria mentioned in paragraph 2 and the following additional criteria:

Or. fr

**Amendment 170**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 16 – paragraph 3 – point b**

*Text proposed by the Commission*

(b) the need to ensure by the initial network a coverage of the needs of industry and areas of public interest and a comprehensive and balanced geographical coverage.

*Amendment*

(b) the need to ensure by the initial network a coverage of the needs of industry, **including VSEs/SMEs and start-ups, which do not have their own specialist resources** and areas of public interest and a comprehensive and balanced geographical coverage.

Or. fr

**Amendment 171**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 16 – paragraph 3 – point b**

*Text proposed by the Commission*

(b) the need to ensure by the initial network a coverage of the needs of industry and areas of public interest and a comprehensive and balanced geographical

*Amendment*

(b) the need to ensure by the initial network a coverage of the needs of industry and areas of public interest and a comprehensive and balanced geographical coverage, **while giving a preference to**

coverage.

*remote areas and the EU poorest regions.*

Or. en

**Amendment 172**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 16 – paragraph 4**

*Text proposed by the Commission*

4. Additional Digital Innovation Hubs shall be selected on the basis of an open and competitive process, in such a way to ensure the widest geographical coverage across Europe. The number of entities of the network shall be proportional to the population of a given Member States and there shall be at least one Digital Innovation Hub per Member State. To address the specific constraints faced by the EU outermost regions, specific entities may be nominated to cover their needs.

*Amendment*

4. Additional Digital Innovation Hubs shall be selected on the basis of an open and competitive process, in such a way to ensure the widest geographical coverage across Europe. The number of entities of the network shall be proportional to the population of a given Member States and there shall be at least one Digital Innovation Hub per Member State, ***while giving a preference to the poorest regions in each Member State, taking into account the demographic situation and the regional skills forecast needs.*** To address the specific constraints faced by the EU outermost regions, specific entities may be nominated to cover their needs.

Or. en

**Amendment 173**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 16 – paragraph 4**

*Text proposed by the Commission*

4. Additional Digital Innovation Hubs shall be selected on the basis of an open and competitive process, in such a way to ensure the widest geographical coverage across Europe. The number of entities of

*Amendment*

4. Additional Digital Innovation Hubs shall be selected on the basis of an open and competitive process, in such a way to ensure the widest geographical coverage across Europe, ***including outlying areas***



the network shall be proportional to the population of a given Member States and there shall be at least one Digital Innovation Hub per Member State. To address the specific constraints faced by the EU outermost regions, specific entities may be nominated to cover their needs.

*far from the urban hubs*. The number of entities of the network shall be proportional to the population of a given Member States and there shall be at least one Digital Innovation Hub per Member State. To address the specific constraints faced by the EU outermost regions *and certain rural areas*, specific entities may be nominated to cover their needs.

Or. fr

#### **Amendment 174**

**Isabella Adinolfi, Dario Tamburrano**

#### **Proposal for a regulation**

#### **Article 16 – paragraph 4**

##### *Text proposed by the Commission*

4. Additional Digital Innovation Hubs shall be selected on the basis of an open and competitive process, in such a way to ensure the widest geographical coverage across Europe. The number of entities of the network shall be proportional to the population of a given Member States and there shall be at least one Digital Innovation Hub per Member State. To address the specific constraints faced by the EU outermost regions, specific entities may be nominated to cover their needs.

##### *Amendment*

4. Additional Digital Innovation Hubs shall be selected on the basis of an open, *transparent* and competitive process, in such a way to ensure the widest geographical coverage across Europe. The number of entities of the network shall be proportional to the population of a given Member States and there shall be at least one Digital Innovation Hub per Member State. To address the specific constraints faced by the EU outermost regions *as well as the development needs of EU less advantaged areas*, specific entities may be nominated to cover their needs.

Or. en

#### **Amendment 175**

**Isabella Adinolfi, Dario Tamburrano**

#### **Proposal for a regulation**

#### **Article 16 – paragraph 6 – point a**

*Text proposed by the Commission*

(a) provide digital transformation services - including testing and experimentation facilities - targeted towards SMEs and midcaps, *also* in sectors that are slow in the uptake of digital and related technologies;

*Amendment*

(a) provide digital transformation services - including testing and experimentation facilities - targeted towards *start-ups*, SMEs and midcaps, *especially* in sectors that are slow in the uptake of digital and related technologies;

Or. en

**Amendment 176**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 16 – paragraph 6 – point a**

*Text proposed by the Commission*

(a) provide digital transformation services - including testing and experimentation facilities - targeted towards *SMEs and midcaps*, also in sectors that are slow in the uptake of digital and related technologies;

*Amendment*

(a) provide digital transformation services - including testing and experimentation facilities - targeted towards *VSEs/SMEs, midcaps and start-ups*, also in sectors that are slow in the uptake of digital and related technologies;

Or. fr

**Amendment 177**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 16 – paragraph 6 – point b**

*Text proposed by the Commission*

(b) transfer expertise and know-how between regions, in particular by networking SMEs and midcaps established in one region with Digital Innovation Hubs established in other regions which are best suited to provide relevant services;

*Amendment*

(b) transfer expertise and know-how between regions, in particular by networking *start-ups*, SMEs and midcaps established in one region with Digital Innovation Hubs established in other regions which are best suited to provide relevant services;

**Amendment 178**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 16 – paragraph 6 – point b**

*Text proposed by the Commission*

(b) transfer expertise and know-how between regions, in particular by networking *SMEs and midcaps* established in one region with Digital Innovation Hubs established in other regions which are best suited to provide relevant services;

*Amendment*

(b) transfer expertise and know-how between regions, in particular by networking *VSEs/SMEs, midcaps and start-ups*, established in one region with Digital Innovation Hubs established in other regions which are best suited to provide relevant services;

Or. fr

**Amendment 179**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 16 – paragraph 6 – point c**

*Text proposed by the Commission*

(c) provide thematic services, including services related to artificial intelligence, high performance computing and cybersecurity and trust to the administrations, public sector organisations, SMEs and midcaps. Individual Digital Innovation Hubs may specialise in specific thematic services and do not need to provide all thematic services mentioned in this paragraph;

*Amendment*

(c) provide thematic services, including services related to artificial intelligence, high performance computing and cybersecurity and trust to the administrations, public sector organisations, *start-ups*, SMEs and midcaps. Individual Digital Innovation Hubs may specialise in specific thematic services and do not need to provide all thematic services mentioned in this paragraph;

Or. en

**Amendment 180**

**Dominique Bilde**

**Proposal for a regulation**

**Article 16 – paragraph 6 – point c**

*Text proposed by the Commission*

(c) provide thematic services, including services related to artificial intelligence, high performance computing and cybersecurity and trust to the administrations, public sector organisations, *SMEs and midcaps*. Individual Digital Innovation Hubs may specialise in specific thematic services and do not need to provide all thematic services mentioned in this paragraph;

*Amendment*

(c) provide thematic services, including services related to artificial intelligence, high performance computing and cybersecurity and trust to the administrations, public sector organisations, *VSEs/SMEs, midcaps and start-ups*. Individual Digital Innovation Hubs may specialise in specific thematic services and do not need to provide all thematic services mentioned in this paragraph;

Or. fr

**Amendment 181**

**Dominique Bilde**

**Proposal for a regulation**

**Article 18 – paragraph 2 – point a – point ii**

*Text proposed by the Commission*

(ii) a third *countries associated with the Programme*;

*Amendment*

(ii) a third *country under the conditions defined herein*;

Or. fr

**Amendment 182**

**Dominique Bilde**

**Proposal for a regulation**

**Article 18 – paragraph 3**

*Text proposed by the Commission*

**3. Legal entities established in a third country which is not associated to the Programme are exceptionally eligible to**

*Amendment*

**deleted**

*participate in specific actions where this is necessary for the achievement of the objectives of the Programme.*

Or. fr

**Amendment 183**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Article 20 – paragraph 1 – point e a (new)**

*Text proposed by the Commission*

*Amendment*

*(ea) where applicable, the public interest;*

Or. en

**Amendment 184**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 20 – paragraph 1 – point f**

*Text proposed by the Commission*

*Amendment*

*(f) where applicable, a trans-European dimension;*

*deleted*

Or. fr

**Amendment 185**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 20 – paragraph 1 – point g**

*Text proposed by the Commission*

*Amendment*

*(g) where applicable, a balanced geographical distribution across the Union,*

*(g) where applicable, a balanced geographical distribution across the Union,*

including the outermost regions;

including the outermost regions *and areas far from urban hubs, including rural areas*;

Or. fr

**Amendment 186**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 24 – paragraph 1**

*Text proposed by the Commission*

1. Indicators to monitor the implementation and progress of the Programme in achieving the general and specific objectives set out in Article 3 are set in the Annex II.

*Amendment*

1. ***Quantitative and qualitative*** indicators to monitor the implementation and progress of the Programme in achieving the general and specific objectives set out in Article 3 are set in the Annex II.

Or. en

**Amendment 187**  
**Dominique Bilde**

**Proposal for a regulation**  
**Article 24 – paragraph 2**

*Text proposed by the Commission*

2. To ensure effective assessment of progress of the Programme towards the achievement of its objectives, the Commission is empowered to adopt delegated acts in accordance with Article 27 to amend Annex II to review or complement the indicators where considered necessary and to supplement this Regulation with provisions on the establishment of a monitoring and evaluation framework.

*Amendment*

2. To ensure effective assessment of progress of the Programme towards the achievement of its objectives, the Commission is empowered to adopt delegated acts in accordance with Article 27 to amend Annex II to review or complement the indicators where considered necessary and to supplement this Regulation with provisions on the establishment of a monitoring and evaluation framework. ***However, this delegation of powers may be revoked by the European Parliament in particular.***

**Amendment 188**  
**Momchil Nekov**

**Proposal for a regulation**  
**Article 24 – paragraph 4**

*Text proposed by the Commission*

4. Official EU statistics such as regular ICT statistical surveys shall be used to their maximum. National Statistical Institutes shall be consulted on, and involved together with Eurostat, in the initial design and subsequent development of statistical indicators used for monitoring the implementation of the programme and the progress made with regard to digital transformation.

*Amendment*

4. Official EU statistics such as regular ICT statistical surveys shall be used to their maximum, ***as well as collection of DESI datasets at NUTS-2 to help address the lack of Digital Europe related regional data.*** National Statistical Institutes shall be consulted on, and involved together with Eurostat, in the initial design and subsequent development of statistical indicators used for monitoring the implementation of the programme and the progress made with regard to digital transformation.

Or. en

**Amendment 189**  
**Momchil Nekov**

**Proposal for a regulation**  
**Annex I – part 4 – paragraph 1**

*Text proposed by the Commission*

The Programme shall support easy access ***to*** advanced digital skills, notably in HPC, AI, distributed ledgers (e.g. blockchain) and cybersecurity for the current and future labour force by offering students, recent graduates, and existing workers, wherever they are situated, with the means to acquire and develop these skills.

*Amendment*

The Programme shall support easy access ***and training opportunities in*** advanced digital skills, notably in HPC, AI, distributed ledgers (e.g. blockchain) and cybersecurity for the current and future labour force by offering students, recent graduates ***or citizens of all ages in need of upskilling,*** and existing workers, wherever they are situated, with the means to acquire and develop these skills.

**Amendment 190**  
**Emma McClarkin**

**Proposal for a regulation**  
**Annex I – part 4 – paragraph 1**

*Text proposed by the Commission*

The Programme shall support easy access to advanced digital skills, notably in HPC, AI, distributed ledgers (e.g. blockchain) and cybersecurity for the current and future labour force by offering students, recent graduates, and existing workers, wherever they are situated, with the means to acquire and develop these skills.

*Amendment*

The Programme shall support easy access to advanced digital skills, notably in HPC, AI, distributed ledgers (e.g. blockchain) and cybersecurity for the current and future labour force by offering students, recent graduates, **jobseekers** and existing workers, wherever they are situated, with the means to acquire and develop these skills.

**Amendment 191**  
**Isabella Adinolfi, Dario Tamburrano**

**Proposal for a regulation**  
**Annex I – part 4 – paragraph 2 – point 1**

*Text proposed by the Commission*

1. Access to on the job training by taking part in traineeships in competence centres and companies deploying advanced technologies.

*Amendment*

1. Access to on the job training by taking part in **quality and paid** traineeships in competence centres and companies deploying advanced technologies, **including through existing initiatives such as the Digital Opportunity Traineeship initiative.**

**Amendment 192**  
**Momchil Nekov**

**Proposal for a regulation**



## Annex I – part 4 – paragraph 2 – point 1

*Text proposed by the Commission*

1. Access to on the job training by taking part in traineeships in competence centres and companies deploying advanced technologies.

*Amendment*

1. Access to on the job training ***and blended learning opportunities*** by taking part in traineeships in competence centres and companies deploying advanced technologies.

Or. en

**Amendment 193**  
**Emma McClarkin**

**Proposal for a regulation**  
**Annex I – part 4 – paragraph 2 – point 2 a (new)**

*Text proposed by the Commission*

*Amendment*

***2a. Access to Massive open online courses (MOOCs) which will be offered by online learning platforms and universities.***

Or. en

**Amendment 194**  
**Dominique Bilde**

**Proposal for a regulation**  
**Annex I – part 5 – subpart I – point 3**

*Text proposed by the Commission*

*Amendment*

3. Judiciary: ***Enable seamless and secure cross-border electronic communication within the judiciary and between the judiciary and other competent bodies in the area of civil and criminal justice.*** Improve access to justice and juridical information and procedures to citizens, businesses, legal practitioners and members of the judiciary with semantically interoperable interconnections to national

3. Judiciary: Improve access to justice and juridical information and procedures to citizens, businesses, legal practitioners and members of the judiciary with semantically interoperable interconnections to national databases and registers as well as facilitating the out-of-court dispute resolution online. Promote the development and implementation of innovative technologies for courts and

databases and registers as well as facilitating the out-of-court dispute resolution online. Promote the development and implementation of innovative technologies for courts and legal practitioners based on artificial intelligence solutions which are likely to streamline and speed-up procedures (for example “legal tech” applications).

legal practitioners based on artificial intelligence solutions which are likely to streamline and speed-up procedures (for example “legal tech” applications).

Or. fr

### **Amendment 195**

**Isabella Adinolfi, Dario Tamburrano**

#### **Proposal for a regulation**

#### **Annex I – part 5 – subpart I – point 5**

##### *Text proposed by the Commission*

5. Education and culture: Provide creators and creative industry in Europe with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage as a vector to promote cultural diversity, social cohesion and European citizenship. Support the uptake of digital technologies in education.

##### *Amendment*

5. Education and culture: Provide creators and creative industry in Europe with *effective* access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage, *both tangible and intangible*, as a vector to promote cultural diversity, *freedom of expression*, social cohesion and European citizenship. *Preserve and disseminate the European cultural heritage, both tangible and intangible, through digitisation and other initiatives that take into account the latest digital technologies (for example augmented reality)*. Support the uptake of digital technologies in education, *including providing schools with adequate digital infrastructures and equipment, such as high-capacity broadband networks with access to at least 100 Mbps connectivity*. *Support continuing digital education from an early age, nurturing at the same time classical and humanistic skills, without overlooking the risk of digital addiction as well as potential pathologies linked to digitalisation, in the context of social and*

*physical interactions.*

Or. en

## **Amendment 196**

**Silvia Costa**

### **Proposal for a regulation**

#### **Annex I – part 5 – subpart I – point 5**

*Text proposed by the Commission*

5. Education and culture: Provide creators and ***creative industry in Europe*** with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage as a vector to promote cultural diversity, social cohesion and European citizenship. Support the uptake of digital technologies in education.

*Amendment*

5. Education and culture: Provide creators and ***practitioners in the European cultural and creative sectors*** with access to latest digital technologies from AI to ***augmented reality and*** advanced computing; ***promote and*** exploit the European cultural heritage as a vector to promote ***society, culture and*** cultural diversity ***by means of digitisation and the development of heritage conservation practices, supporting specific initiatives such as Europeana and Cultural Heritage Cloud;*** social cohesion and European citizenship; support the uptake of digital technologies in education, ***with increased investment in distance learning, both blended and entirely online (such as MOOCs), including for disadvantaged people, in the inclusion of migrants, and in the implementation of the European Student Card (e-Card).***

Or. it

## **Amendment 197**

**Julie Ward, Momchil Nekov**

### **Proposal for a regulation**

#### **Annex I – part 5 – subpart I – point 5**

*Text proposed by the Commission*

*Amendment*

5. Education *and culture*: ***Provide creators and creative industry in Europe with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage as a vector to promote cultural diversity, social cohesion and European citizenship.***  
Support the uptake of digital technologies in education.

5. Education: Support the uptake of digital technologies in *formal, informal and non-formal* education systems, ***notably the further inclusion of digital skills as well as media literacy and ethical use of digital technologies in all curricula.***

Or. en

**Amendment 198**  
**Martina Michels**

**Proposal for a regulation**  
**Annex I – part 5 – subpart I – point 5**

*Text proposed by the Commission*

5. Education and culture: Provide creators and creative industry in Europe with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage as a vector to promote cultural diversity, social cohesion and European citizenship. Support the uptake of digital technologies in education.

*Amendment*

5. Education and culture: Provide creators and creative industry in Europe with access to latest digital technologies from AI to advanced computing. Exploit the European cultural heritage as a vector to promote cultural *and linguistic* diversity, social cohesion and European citizenship. Support the uptake of digital technologies *and digital communication rules* in education.

Or. de

**Amendment 199**  
**Helga Trüpel**

**Proposal for a regulation**  
**Annex I – part 5 – subpart I – point 5 a (new)**

*Text proposed by the Commission*

*Amendment*

***5a. Cultural and creative sectors: support cultural and creative sectors, in particular the audiovisual sector, in their***

*ongoing digital transformation whilst guaranteeing them the access to the most advanced, sustainable and performing digital technologies from AI to advanced computing, as well as supporting the contribution of the cultural and creative sectors to a fair and ethical use and development of their digital tools.*

Or. en

**Amendment 200**  
**Julie Ward, Momchil Nekov**

**Proposal for a regulation**  
**Annex I – part 5 – subpart I – point 5 a (new)**

*Text proposed by the Commission*

*Amendment*

**5a. Culture and creative sectors:**  
*Support the cultural and creative sectors, in their ongoing digital transformation whilst guaranteeing them access to the most advanced, sustainable and efficient digital technologies from AI to advanced computing, as well as supporting the contribution of the cultural and creative sector to fair and ethical use and development of soft and hard digital infrastructures.*

Or. en

**Amendment 201**  
**Julie Ward, Momchil Nekov**

**Proposal for a regulation**  
**Annex I – part 5 – subpart I – point 5 b (new)**

*Text proposed by the Commission*

*Amendment*

**5b. Culture and cultural heritage:**  
*Promote European culture and cultural heritage as a vector for cultural and*

*linguistic diversity, social cohesion and European citizenship. Protect and promote culture and cultural heritage through digitisation and the development of contemporary digital cultural practices, as well as and specific digital initiatives such as Europeana.*

Or. en

## **Amendment 202**

**Isabella Adinolfi, Dario Tamburrano**

### **Proposal for a regulation**

#### **Annex I – part 5 – subpart I – paragraph 3**

##### *Text proposed by the Commission*

Additionally a set of Digital Single Market support activities will be supported which will include a pan-European network of Safer Internet Centres to foster digital literacy and raise awareness *and* among minors, parents and teachers regarding risks minors may encounter online and ways to protect them, and to tackle the dissemination of child sexual abuse material online; measures aimed at combatting intentional disinformation spread; an EU observatory for the digital platform economy as well as studies and outreach activities.

##### *Amendment*

Additionally a set of Digital Single Market support activities will be supported which will include a pan-European network of Safer Internet Centres to foster digital *and media* literacy and raise awareness among minors, *from an early age*, parents and teachers regarding *the importance of online data protection and the* risks minors may encounter online and ways to protect them, and to tackle the dissemination of child sexual abuse material online; measures aimed at *avoiding digital addiction*, combatting intentional disinformation spread *and online manipulation*; an EU observatory for the digital platform economy as well as studies and outreach activities.

Or. en

## **Amendment 203**

**Momchil Nekov**

### **Proposal for a regulation**

#### **Annex III – point 1 – point b a (new)**

*Text proposed by the Commission*

*Amendment*

***(ba) Digital Europe Programme shall actively create synergies with Horizon Europe around the sustainability of data originating from research projects;***

Or. en

**Amendment 204**

**Silvia Costa**

**Proposal for a regulation**

**Annex III – point 5 – point b a (new)**

*Text proposed by the Commission*

*Amendment*

***(ba) The programme adequately supports the development and implementation of the European Student Card (e-Card) with the aim of facilitating mutual recognition of diplomas and periods of study abroad, as well as reducing administrative burden and costs to students and educational institutes;***

Or. it

**Amendment 205**

**Julie Ward, Momchil Nekov**

**Proposal for a regulation**

**Annex III – point 5 a (new)**

*Text proposed by the Commission*

*Amendment*

***5a. Synergies with Creative Europe shall ensure that:***

***(a) The Programme will support the development and acquisition of the advanced digital skills needed for the deployment of cutting-edge technologies relevant for the cultural ecosystem and cultural and creative sectors as a whole. It***

*shall enable exchange within cultural sectors and across other sectors on the protocols and advanced digital skills already developed by creative communities with a view to foster its dissemination and uptake.*

*(b) The Creative Europe Programme, with its general objective of increasing the competitiveness of the cultural and creative sectors, will complement in that regard the interventions of Digital Europe, which aim to support the digital transformation of cultural and creative industries; as well as to ensure the diversity of available platforms avoiding the increasing market concentration of digital monopolies.*

*(c) Within the Programme two leadership projects will assure the continuation of deployment activities linked to the #Digital4Culture strategy. The leadership project on digital transformation of the cultural heritage sector will continue to support European initiative launched during the European Year on Cultural Heritage 2018. The part of the Programme focusing on digital skills has synergies with issues such as media literacy and film education.*

Or. en

**Amendment 206**  
**Silvia Costa**

**Proposal for a regulation**  
**Annex III – point 5 a (new)**

*Text proposed by the Commission*

*Amendment*

**5a. Synergies with Creative Europe shall guarantee:**

**(a) that the programme support the launch and the realisation of an online directory of European films available on**



*legal on-demand services with the aim of promoting distribution, promotion, visibility and findability at a European level;*

*(b) that funding allocation sustain in a complementary way MEDIA strand's priorities of the Creative Europe programme 2021-2027.*

Or. en