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AMENDMENTS

19 - 93

Draft report

Eva Maydell

(PE737.259v01-00)

Amending Regulation (EU) 2021/2085 establishing the Joint Undertakings under Horizon Europe, as regards the Chips Joint Undertaking

Proposal for a regulation

(COM(2022)0047 – C9-0113/2022 – 2022/0033(NLE))

Amendment 19

**Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López,
Nicolás González Casares, Carlos Zorrinho**

Proposal for a regulation

Recital -1 (new)

Text proposed by the Commission

Amendment

(-1) Reinforcing Europe's semiconductor capacity is key to achieve resilience and strategic autonomy, by reducing dependencies, enhancing digital sovereignty and contributing to the green and digital transitions.

Or. en

Amendment 20

**Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López,
Nicolás González Casares, Carlos Zorrinho**

Proposal for a regulation

Recital -1 a (new)

Text proposed by the Commission

Amendment

(-1 a) Critical raw materials are a key element of the Union's chip ecosystem, and, therefore, a framework for increasing the Union's resilience of critical raw materials supply should be established. Moreover, supporting research and innovation on materials and increasing cooperation between the Member States, the Commission, and like-minded partners will also be necessary.

Or. en

Amendment 21

Clara Ponsatí Obiols

Proposal for a regulation

Recital 2

Text proposed by the Commission

(2) The Key Digital Technologies Joint Undertaking addresses clearly defined topics that enable European industries at large to design, manufacture and use the most innovative technologies in electronic components and systems.

Amendment

(2) The Key Digital Technologies Joint Undertaking addresses clearly defined topics that enable European industries at large to design, manufacture and ***deliver innovation throughout the semiconductor supply chain, from the recycling of chips and critical raw materials to the conductive quantum technologies,*** and use the most innovative technologies in electronic components and systems.

Or. en

Amendment 22

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation
Recital 2

Text proposed by the Commission

(2) The Key Digital Technologies Joint Undertaking addresses clearly defined topics that enable European industries at large to design, manufacture and use the most innovative technologies in electronic components and systems.

Amendment

(2) The Key Digital Technologies Joint Undertaking addresses clearly defined topics that enable European industries at large to ***research, innovate,*** design, manufacture and use the most innovative technologies in electronic components and systems.

Or. en

Amendment 23

Johan Nissinen

Proposal for a regulation
Recital 2

Text proposed by the Commission

(2) The Key Digital Technologies Joint Undertaking addresses clearly defined topics that enable European industries at

Amendment

(2) The Key Digital Technologies Joint Undertaking addresses clearly defined topics that enable European industries at

large to design, **manufacture and use** the most innovative technologies in electronic components and systems.

large to design **and research** the most innovative technologies in electronic components and systems.

Or. en

Amendment 24

Johan Nissinen

Proposal for a regulation

Recital 3

Text proposed by the Commission

(3) Regulation (EU) [...] ²³ establishes a framework for increasing the Union's resilience in the field of semiconductor technologies, stimulating investment, strengthening the capabilities of the European semiconductor supply chain, and increasing cooperation among the Member States and the Commission. To create the conditions necessary to strengthen the Union's industrial innovation capacity, the Chips for Europe Initiative (the 'Initiative') is established. In order to ensure a consistent implementation of the Initiative, the European Semiconductor Board should provide advice to the Public Authorities Board.

²³ OJ L ..., p...

Amendment

(3) Regulation (EU) [...] ²³ establishes a framework for increasing the Union's resilience in the field of semiconductor technologies, stimulating investment, strengthening the capabilities of the European semiconductor supply chain, ***while keeping in mind that the market is growing in cycles of oversupply and shortages***, and increasing cooperation among the Member States and the Commission. To create the conditions necessary to strengthen the Union's industrial innovation capacity, the Chips for Europe Initiative (the 'Initiative') is established. In order to ensure a consistent implementation of the Initiative, the European Semiconductor Board ***and stakeholders*** should provide advice to the Public Authorities Board.

²³ OJ L ..., p...

Or. en

Amendment 25

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation

Recital 3

(3) Regulation (EU) [...] ²³ establishes a framework for increasing the Union's resilience in the field of semiconductor technologies, stimulating investment, strengthening the capabilities of the European semiconductor supply chain, and increasing cooperation among the Member States and the Commission. To create the conditions necessary to strengthen the Union's industrial innovation capacity, the Chips for Europe Initiative (the 'Initiative') is established. In order to ensure a consistent implementation of the Initiative, the European Semiconductor Board should provide advice to the Public Authorities Board.

²³ OJ L ..., p...

(3) Regulation (EU) [...] ²³ establishes a framework for increasing the Union's resilience in the field of semiconductor technologies, stimulating **public and private** investment, strengthening the capabilities of the European semiconductor supply chain, and increasing cooperation among the Member States and the Commission. To create the conditions necessary to strengthen the Union's industrial **research and** innovation capacity, the Chips for Europe Initiative (the 'Initiative') is established. In order to ensure a consistent implementation of the Initiative, the European Semiconductor Board should provide advice to the Public Authorities Board.

²³ OJ L ..., p...

Or. en

Amendment 26

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation Recital 3 a (new)

(3 a) The Chips for Europe Initiative is a new strategic initiative of the Union, and requires fresh budgetary resources. The funding needs of the Initiative should be taken into consideration in the mid-term review of the Multiannual Financial Framework, with a view to ensuring the stability, coherence, ambition and long-term financing of the Initiative. Considering that new investments for advanced semiconductor design and manufacturing are extremely capital intensive, the mobilisation of Union funding should continue. Moreover, a

framework to face exceptional crisis situations, such as inflation, should be envisaged.

Or. en

Amendment 27

Marc Botenga, Marina Mesure
on behalf of the The Left Group

Proposal for a regulation
Recital 3 a (new)

Text proposed by the Commission

Amendment

(3 a) The Joint Undertaking should have clear and identifiable social and environmental added value across the Union.

Or. en

Amendment 28

Marc Botenga, Marina Mesure
on behalf of the The Left Group

Proposal for a regulation
Recital 3 b (new)

Text proposed by the Commission

Amendment

(3 b) In order to achieve the greatest possible positive impact of Union funding and the most effective contribution to general interest, the Chips Fund should guarantee open-source results or proportionate public ownership of intellectual property rights.

Or. en

Amendment 29

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López,
Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation
Recital 4 a (new)

Text proposed by the Commission

Amendment

(4 a) The total financial resources allocated to the Horizon Europe programme, as a major priority of the Union, should not be reduced or repurposed to fund activities outside of research and innovation and the reduction of the financial resources of the programme, aimed to reinforce the financial envelope of the Digital Europe programme with the aim of contributing to the Chips initiative, should be compensated by additional funding sources.

Or. en

Amendment 30

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation
Recital 4 b (new)

Text proposed by the Commission

Amendment

(4 b) The allocation of funds for the activities of the Chips for Europe Initiative should not detract from other research, development and innovation activities conducted under Horizon Europe and should ensure continuation of the envisaged Horizon Europe clusters projects.

Or. en

Amendment 31
Johan Nissinen

Proposal for a regulation

Recital 5

Text proposed by the Commission

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

Amendment

(5) The Initiative aims to reinforce the competitiveness and resilience, ***which is best achieved by investing in R&D&I as well as diversification***, of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets. ***The Commission should monitor the delivered value and progress of the aims of the Initiative in accordance with measurable indicators;***

Or. en

Amendment 32

Clara Ponsatí Obiols

Proposal for a regulation

Recital 5

Text proposed by the Commission

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number

Amendment

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number

of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

of third country companies and geographies, and strengthening its capacity to design and produce advanced components, ***while promoting sustainable manufacturing processes, mainly reducing the amount of water and energy used.*** These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

Or. en

Amendment 33 **Tom Berendsen**

Proposal for a regulation **Recital 5**

Text proposed by the Commission

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the

Amendment

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, ***such as integrated photonics and quantum***

Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

Or. en

Amendment 34

Marc Botenga, Marina Mesure
on behalf of the The Left Group

Proposal for a regulation **Recital 5**

Text proposed by the Commission

(5) The Initiative aims to reinforce the ***competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its*** semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving ***key industrial sectors, and creating new markets.***

Amendment

(5) The Initiative aims to reinforce the ***European*** semiconductor ecosystem, ***including manufacturing capacities***, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving ***ambitious social and environmental objectives throughout the Union.***

Or. en

Amendment 35

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López,
Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation
Recital 5

Text proposed by the Commission

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

Amendment

(5) The Initiative aims to reinforce the competitiveness and resilience of the semiconductor technological and industrial base, whilst strengthening the **research and** innovation capacity of its semiconductor ecosystem, reducing dependence on a limited number of third country companies and geographies, and strengthening its capacity to design and produce advanced components. These aims should be supported by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation. It should promote capacity building to enable design, production, **packaging** and systems integration in next-generation semiconductor technologies, enhance collaboration among key players across the Union, strengthening Europe's semiconductor supply and value chains, serving key industrial sectors, and creating new markets.

Or. en

Amendment 36
Tom Berendsen

Proposal for a regulation
Recital 5 a (new)

Text proposed by the Commission

Amendment

(5 a) In order to maximize the positive impact of the Union funding and the most effective contribution to the Union's open strategic autonomy, beneficiaries receiving financial support deriving from the Initiative should take measures to prevent unwanted technology and knowledge transfers developed within the

framework of the Initiative, making use of the range of instruments available at the Union and national level. Member States should be notified and able to act when the risk of transfers from Union entities to outside the Union arises as a result of foreign take-overs or other measures taken by entities outside the Union to force technology or knowledge transfers.

Or. en

Amendment 37

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation

Recital 5 a (new)

Text proposed by the Commission

Amendment

(5 a) Investing in talent and skills should be considered, with a view to bridging the gap between industry, research and education, as the availability of talent is critical to attracting semiconductor investments, by promoting human potential and skills through STEM education from primary stages of education up to the PhD level, with a specific focus on women, who are under-represented in these sectors.

Or. en

Amendment 38

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 5 a (new)

Text proposed by the Commission

Amendment

(5 a) The Initiative should contribute to the twin green and digital transformation

in Europe, reflecting Union's core values and fundamental rights, including privacy by design and trust, security and safety at all levels of the value chains. It should be open and show flexibility to integrate relevant stakeholders, including in particular SMEs and non profit civil society organisations.

Or. en

Amendment 39

Johan Nissinen

Proposal for a regulation

Recital 5 a (new)

Text proposed by the Commission

Amendment

(5 a) Given the lack of the impact assessment accompanying the Commission proposal and proposed untested method of subsidizing production, the Commission should regularly and carefully publish and deliver relevant information and assessments of the impact of this Initiative on internal market, competitiveness, and the Union and national budgets.

Or. en

Amendment 40

Ivars Ijabs, Klemen Grošelj, Bart Groothuis, Nicola Beer, Andrus Ansip

Proposal for a regulation

Recital 5 a (new)

Text proposed by the Commission

Amendment

(5 a) The Chips Joint Undertaking should provide opportunities for the increased availability of funds to support the growth of start-ups and SMEs as well as investment across the entire value chain and across the whole Union.

Amendment 41
Johan Nissinen

Proposal for a regulation
Recital 5 b (new)

Text proposed by the Commission

Amendment

(5 b) Public institutions have a responsibility towards citizens to exercise care in their use of public spending in all areas, including the Chips for Europe Initiative. Maximising the effectiveness and efficiency of expenditure secures the greatest value from spending decisions and helps to avoid waste and errors. It is therefore necessary to enhance the principles of good financial governance and to plan, publish and monitor the spending on this Initiative.

Or. en

Amendment 42
Johan Nissinen

Proposal for a regulation
Recital 5 c (new)

Text proposed by the Commission

Amendment

(5 c) In order to prevent the disruption in market competitiveness, the Commission should analyse the long-term effects of the subsidies granted in relation to this Regulation on innovations as subsidies and other forms of support can encourage complacency at recipient firms, therefore acting against technological upgrading in the semiconductor industry.

Or. en

Amendment 43

Ivars Ijabs, Klemen Grošelj, Nicola Beer, Andrus Ansip

Proposal for a regulation

Recital 6

Text proposed by the Commission

(6) The Initiative should be implemented through actions that should build upon the strong knowledge base acquired by the Key Digital Technologies Joint Undertaking. The Key Digital Technologies Joint Undertaking should be tasked with providing financial support, through any instrument or procedure provided for in Horizon Europe or the Digital Europe Programme, to actions funded under the Initiative. Furthermore, the Key Digital Technologies Joint Undertaking should be renamed to Chips Joint Undertaking. Throughout the lifetime of the Chips Joint Undertaking, ***at least EUR 2.5 billion*** should be dedicated to pilot lines, design infrastructures, competence centres, and ***other capacity building*** activities.

Amendment

(6) The Initiative should be implemented through actions that should build upon the strong knowledge base acquired by the Key Digital Technologies Joint Undertaking. The Key Digital Technologies Joint Undertaking should be tasked with providing financial support, through any instrument or procedure provided for in Horizon Europe or the Digital Europe Programme, to actions funded under the Initiative. Furthermore, the Key Digital Technologies Joint Undertaking should be renamed to Chips Joint Undertaking. Throughout the lifetime of the Chips Joint Undertaking, ***up to EUR 2,875 billion*** should be dedicated to ***the Chips for Europe Initiative, of which EUR 1,525 billion for capacity building activities*** for pilot lines, design infrastructures, competence centres, and ***quantum chips and EUR 1,35 billion for research and innovation activities related to these components. Furthermore, EUR 1,8 billion should be dedicated to research and innovation activities not covered under the Chips for Europe Initiative.***

Or. en

Justification

EUR 1.8 billion for R&I activities NOT covered under the Chips for Europe Initiative would ensure that the originally foreseen level of research and innovation activities of the current Key Digital Technologies Joint Undertaking is preserved.

Amendment 44

Johan Nissinen

Proposal for a regulation
Recital 6

Text proposed by the Commission

(6) The Initiative should be implemented through actions that should build upon the strong knowledge base acquired by the Key Digital Technologies Joint Undertaking. The Key Digital Technologies Joint Undertaking should be tasked with providing financial support, through any instrument or procedure provided for in Horizon Europe or the Digital Europe Programme, to actions funded under the Initiative. Furthermore, the Key Digital Technologies Joint Undertaking should be renamed to Chips Joint Undertaking. Throughout the lifetime of the Chips Joint Undertaking, at least EUR 2.5 billion should be dedicated to pilot lines, design infrastructures, competence centres, and other capacity building activities.

Amendment

(6) The Initiative should be implemented through actions that should build upon the strong knowledge base acquired by the Key Digital Technologies Joint Undertaking. The Key Digital Technologies Joint Undertaking should be tasked with providing financial support, through any instrument or procedure provided for in Horizon Europe or the Digital Europe Programme, to actions funded under the Initiative. Furthermore, the Key Digital Technologies Joint Undertaking should be renamed to Chips Joint Undertaking. Throughout the lifetime of the Chips Joint Undertaking, at least EUR 2.5 billion should be dedicated to pilot lines, design infrastructures, competence centres, and other capacity building **and R&D&I** activities.

Or. en

Amendment 45
Marc Botenga, Marina Measure
on behalf of the The Left Group

Proposal for a regulation
Recital 6 a (new)

Text proposed by the Commission

Amendment

(6 a) The Initiative should pay particular attention to the development of sustainable practices in the manufacturing of chips in Europe. Comprehensive monitoring and due diligence requirements at all stages of the value chain should allow on one hand to curb, limit and to nullify the negative environmental impact, while on the other hand guaranteeing quality employment, avoid social dumping and ensure respect of International Labour Organisation

Amendment 46

Marc Botenga, Marina Mesure
on behalf of the The Left Group

Proposal for a regulation
Recital 7

Text proposed by the Commission

(7) The activities funded by the Chips Joint Undertaking should be covered in one single work programme, which should be adopted by the Governing Board. Before each work programme is prepared, the Public Authorities Board, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor Technologies²⁶, should define the part of the work programme related to capacity building activities and research and innovation activities, including their corresponding expenditure estimates. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. Subsequently, on the basis of this definition, the Executive Director should prepare the work programme including capacity building and research and innovation activities and their corresponding expenditure estimates.

²⁶ The Alliance is referred to in the Communication from the Commission of 5 May 2021 on ‘Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe’s recovery’.

Amendment

(7) The activities funded by the Chips Joint Undertaking should be covered in one single work programme, which should be adopted by the Governing Board. Before each work programme is prepared, the Public Authorities Board, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, **trade unions and** roadmaps produced by the Alliance on Processors and Semiconductor Technologies²⁶, should define the part of the work programme related to capacity building activities and research and innovation activities, including their corresponding expenditure estimates. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. Subsequently, on the basis of this definition, the Executive Director should prepare the work programme including capacity building and research and innovation activities and their corresponding expenditure estimates.

²⁶ The Alliance is referred to in the Communication from the Commission of 5 May 2021 on ‘Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe’s recovery’.

Amendment 47
Marie Dauchy

Proposal for a regulation
Recital 7

Text proposed by the Commission

(7) The activities funded by the Chips Joint Undertaking should be covered in one single work programme, which should be adopted by the Governing Board. Before each work programme is prepared, the Public Authorities Board, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor Technologies²⁶, should define the part of the work programme related to capacity building activities and research and innovation activities, including their corresponding expenditure estimates. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. Subsequently, on the basis of this definition, the Executive Director should prepare the work programme including capacity building and research and innovation activities and their corresponding expenditure estimates.

²⁶ The Alliance is referred to in the Communication from the Commission of 5 May 2021 on ‘Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe’s recovery’.

Amendment

(7) The activities funded by the Chips Joint Undertaking should be covered in one single work programme, which should be adopted by the Governing Board. Before each work programme is prepared, the Public Authorities Board, taking into account the **optional** advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor Technologies²⁶, should define the part of the work programme related to capacity building activities and research and innovation activities, including their corresponding expenditure estimates. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. Subsequently, on the basis of this definition, the Executive Director should prepare the work programme including capacity building and research and innovation activities and their corresponding expenditure estimates.

²⁶ The Alliance is referred to in the Communication from the Commission of 5 May 2021 on ‘Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe’s recovery’.

Or. fr

Amendment 48
Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation
Recital 7

Text proposed by the Commission

(7) The activities funded by the Chips Joint Undertaking should be covered in **one single** work programme, which should be adopted by the Governing Board. Before each work programme is prepared, the Public Authorities Board, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor Technologies²⁶, should define the part of the work programme related to capacity building activities and research and innovation activities, including their corresponding expenditure estimates. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. Subsequently, on the basis of this definition, the Executive Director should prepare the work programme including capacity building and research and innovation activities and their corresponding expenditure estimates.

²⁶ The Alliance is referred to in the Communication from the Commission of 5 May 2021 on ‘Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe’s recovery’.

Amendment

(7) The activities funded by the Chips Joint Undertaking should be covered in **a** work programme, which should be adopted by the Governing Board. Before each work programme is prepared, the Public Authorities Board, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor Technologies²⁶, should define the part of the work programme related to capacity building activities and research and innovation activities, including their corresponding expenditure estimates. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. Subsequently, on the basis of this definition, the Executive Director should prepare the work programme including capacity building and research and innovation activities and their corresponding expenditure estimates.

²⁶ The Alliance is referred to in the Communication from the Commission of 5 May 2021 on ‘Updating the 2020 New Industrial Strategy: Building a stronger Single Market for Europe’s recovery’.

Or. en

Amendment 49
Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation
Recital 7 a (new)

(7 a) Public financial support should always result in public results and technologies, and open collaboration models, such as open-source software and hardware should be encouraged. In the establishment of the work programs and in their implementation, the Joint Undertaking should respect the principle of open science, requiring beneficiaries to provide open access to research results and data following the principle “as open as possible, as closed as necessary”. The joint undertaking should lay out strict rules for derogations from these open access requirements, that might include strategic security concerns but avoid distortion of competition and restrictions to knowledge that would otherwise be needed by the Union stakeholders. Open access practices should be closely monitored by the Commission and any exemption should be listed transparently on the websites of the individual joint undertakings. Costs related to open access including data management plans should be eligible for reimbursement.

Or. en

Amendment 50

Ivars Ijabs, Klemen Grošelj, Bart Groothuis, Nicola Beer, Andrus Ansip

Proposal for a regulation

Recital 8

Text proposed by the Commission

(8) When the Governing Board adopts the work programme, the voting rights for the part of the work programme related to capacity building should be limited to the Commission and Member States only. The voting rights for the part of the work programme related to R&I activities should be equally shared between the Commission, the Participating States, and

Amendment

(8) The whole Governing Board should be involved in the preparation of the work programme, participate in the relevant discussions and receive the necessary information. When the Governing Board adopts the work programme, the voting rights for the part of the work programme related to capacity building should be limited to the

the private members. In the event that a decision on one of the two parts of the work programme cannot be reached, the work programme should be adopted including only the part on which a positive decision has been reached.

Commission and Member States only. The voting rights for the part of the work programme related to R&I activities should be equally shared between the Commission, the Participating States, and the private members. In the event that a decision on one of the two parts of the work programme cannot be reached, the work programme should be adopted including only the part on which a positive decision has been reached.

Or. en

Justification

All members of the Governing Board should be involved in discussing and preparing the work programme while only the Commission and Participating States decide on the part of the work programme related to capacity building.

Amendment 51 **Marie Dauchy**

Proposal for a regulation **Recital 8**

Text proposed by the Commission

(8) When the Governing Board adopts the work programme, the voting rights for the part of the work programme related to capacity building should be limited to the Commission and Member States only. The voting rights for the part of the work programme related to R&I activities should be equally shared between the Commission, the Participating States, and the private members. In the event that a decision on one of the two parts of the work programme cannot be reached, the work programme should be adopted including only the part on which a positive decision has been reached.

Amendment

(8) When the Governing Board adopts the work programme, the voting rights for the part of the work programme related to capacity building should be limited to the Commission and Member States only. ***In this instance, the Commission's share of voting rights should be less than that of the Member States.*** The voting rights for the part of the work programme related to R&I activities should be equally shared between the Commission, the Participating States, and the private members. In the event that a decision on one of the two parts of the work programme cannot be reached, the work programme should be adopted including only the part on which a positive decision has been reached.

Or. fr

Amendment 52

Marc Botenga, Marina Measure
on behalf of the The Left Group

Proposal for a regulation

Recital 8

Text proposed by the Commission

(8) When the Governing Board adopts the work programme, the voting rights for the part of the work programme related to capacity building should be limited to the Commission and Member States only. The voting rights for the part of the work programme related to R&I activities should be equally shared between the Commission, the Participating States, **and the private members**. In the event that a decision on one of the two parts of the work programme cannot be reached, the work programme should be adopted including only the part on which a positive decision has been reached.

Amendment

(8) When the Governing Board adopts the work programme, the voting rights for the part of the work programme related to capacity building should be limited to the Commission and Member States only. The voting rights for the part of the work programme related to R&I activities should be equally shared between the Commission **and** the Participating States. In the event that a decision on one of the two parts of the work programme cannot be reached, the work programme should be adopted including only the part on which a positive decision has been reached.

Or. en

Amendment 53

Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 9

Text proposed by the Commission

(9) The Public Authorities Board should be responsible for the selection of the projects related to capacity building activities. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States.

Amendment

(9) The Public Authorities Board should be responsible for the selection of the projects related to capacity building activities. For this purpose, the Public Authorities Board should include only the Commission and public authorities from Member States. ***There should be a balanced representation of experts among the members of the Public Authorities Board, within the scope of the activities of***

the joint undertaking, including with respect to gender and geographical balance. Collectively, the members of the Public Authorities Board should have the necessary competences and expertise in order to make science-based recommendations to the joint undertaking, taking into account the climate, environmental and socioeconomic impact of such recommendations and the objectives of the Joint Undertaking.

Or. en

Amendment 54

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Recital 10 a (new)

Text proposed by the Commission

Amendment

(10 a) In the selection process of the projects, the clear and demonstrable contribution of the eligible action proposed to be implemented to the long term competitiveness of the Union's semiconductor industry and the objectives of the Chips Act, the cost-effectiveness of the eligible action proposed to be implemented, the contribution to achieving the twin transition of the eligible action proposed to be implemented, the environmental impact of the eligible action proposed to be implemented and the commitment to prevent any damages to the environment and biodiversity, as well as the participation of SMEs and start-ups should be taken into account.

Or. en

Amendment 55

Proposal for a regulation
Recital 11

Text proposed by the Commission

(11) With a view to accelerating implementation of the actions of the Initiative and enhance cooperation between legal entities, particularly Research and Technology Organisations, certain proposals for actions should be eligible for funding only if the action is carried out by legal entities cooperating within a consortium of at least three legal entities from three different Members States. That consortium could be structured either as the European Chips Infrastructure Consortium as proposed in the ‘Chips Act’, or based on other available legal tools under Union law. Given that the activities supported under the Initiative and implemented by the Chips Joint Undertaking are financed from Horizon Europe programme and the Digital Europe programme, the Union financial contribution to the Chips Joint Undertaking indicated in Article 128 of Council Regulation (EU) 2021/2085 should be increased accordingly. The administrative costs of the Chips Joint Undertaking should also be increased in accordance with the increase of operational tasks. The private members should not contribute to the additional administrative costs.

Amendment

(11) With a view to accelerating implementation of the actions of the Initiative and enhance cooperation between legal entities, particularly Research and Technology Organisations, certain proposals for actions should be eligible for funding only if the action is carried out by legal entities cooperating within a consortium of at least three legal entities from three different Members States ***from a broad geographical coverage***. That consortium could be structured either as the European Chips Infrastructure Consortium as proposed in the ‘Chips Act’, or based on other available legal tools under Union law. Given that the activities supported under the Initiative and implemented by the Chips Joint Undertaking are financed from Horizon Europe programme and the Digital Europe programme, the Union financial contribution to the Chips Joint Undertaking indicated in Article 128 of Council Regulation (EU) 2021/2085 should be increased accordingly. The administrative costs of the Chips Joint Undertaking should also be increased in accordance with the increase of operational tasks. The private members should not contribute to the additional administrative costs.

Or. en

Amendment 56

**Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López,
Nicolás González Casares, Carlos Zorrinho**

Proposal for a regulation
Recital 13

(13) The Chips Joint Undertaking should facilitate cooperation between the Union and international actors by defining a cooperation strategy, including identifying and promoting areas for cooperation in research and development and skills development, and implementing actions where there is a mutual benefit, mainly based on reciprocity.

(13) The Chips Joint Undertaking should facilitate cooperation between the Union and ***relevant*** international ***like-minded*** actors by defining a cooperation strategy ***building on complementarities and interdependencies along the semiconductor supply chain***, including identifying and promoting areas for cooperation in research, ***innovation*** and development and skills development, and implementing actions where there is a mutual benefit, mainly based on reciprocity ***and in compliance with Horizon Europe rules and international obligations***.

Or. en

Amendment 57
Clara Ponsatí Obiols

Proposal for a regulation
Recital 13

(13) The Chips Joint Undertaking should facilitate cooperation between the Union and international actors by defining a cooperation strategy, including identifying and promoting areas for cooperation in research and development and skills development, and implementing actions where there is a mutual benefit, mainly based on reciprocity.

(13) The Chips Joint Undertaking should facilitate cooperation between the Union and international actors by defining a cooperation strategy, including identifying and promoting areas for cooperation in research and development and skills development, and implementing actions where there is a mutual benefit, mainly based on reciprocity. ***International collaboration with like-minded partners is particularly relevant to bridge the present gap between research and design and manufacturing.***

Or. en

Amendment 58
Ivars Ijabs, Klemen Grošelj, Bart Groothuis, Nicola Beer, Andrus Ansip

Proposal for a regulation
Recital 13

Text proposed by the Commission

(13) The Chips Joint Undertaking should facilitate cooperation between the Union and international actors by defining a cooperation strategy, including identifying and promoting areas for cooperation in research and development and skills development, and implementing actions where there is a mutual benefit, mainly based on reciprocity.

Amendment

(13) The Chips Joint Undertaking should facilitate cooperation between the Union and ***like-minded*** international actors by defining a cooperation strategy, including identifying and promoting areas for cooperation in research and development and skills development, and implementing actions where there is a mutual benefit, mainly based on reciprocity, ***taking into account the need for strengthening Union's open strategic autonomy and protecting intellectual property rights.***

Or. en

Amendment 59
Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation
Recital 13 a (new)

Text proposed by the Commission

Amendment

(13 a) The Joint Undertaking should ensure the effective promotion of equal opportunities for all and the implementation of gender mainstreaming, including the integration of the gender dimension in R&I content. It should aim to address the causes of gender imbalance. Particular attention should be paid to ensuring, to the extent possible, gender balance in all bodies of the Joint Undertaking as well as evaluation panels and in other relevant advisory bodies, such as expert groups.

Or. en

Amendment 60
Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation
Recital 13 b (new)

Text proposed by the Commission

Amendment

(13 b) The research and innovation activities undertaken by the Joint Undertaking should contribute to climate main streaming targets while developing close synergies with other Union programmes and funding instruments, particularly with those supporting the deployment of innovative solutions, education and regional development, and in order to respond to global challenges and increase economic and social cohesion, reduce imbalances and environmental impacts. It is therefore necessary to conduct a climate and environmental impact assessment for every action. Extreme weather events, such as the droughts experienced in many Member States during the summer 2022 together with the significant quantities of water and energy necessary for the production of semiconductors highlight the importance of such climate and environmental impact assessments.

Or. en

Amendment 61
Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation
Recital 13 c (new)

Text proposed by the Commission

Amendment

(13 c) In order to support young researchers' careers and foster excellence in research and innovation, the Joint Undertaking should ensure and provide

up to date information and regular open calls tailored to PhD and postdoc students and, where relevant, complementarities and synergies with other programmes and funding opportunities.

Or. en

Amendment 62

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 3

Regulation (EU) 2021/2085

Article 4 – Paragraph 1

Text proposed by the Commission

The Chips Joint Undertaking shall also contribute to the objectives of the Chips for Europe Initiative and the Digital Europe Programme.

Amendment

The Chips Joint Undertaking shall also contribute to ***the implementation of*** the objectives of the Chips for Europe Initiative and the Digital Europe Programme.

Or. en

Amendment 63

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 5 – point a

Regulation (EU) 2021/2085

Article 12 – Paragraph 1

Text proposed by the Commission

1. In addition to criteria set out in Article 22 of the Horizon Europe Regulation or, in the case of the Chips Joint Undertaking, in Article 18 of the Digital Europe Programme, the work programme ***may*** include, as an annex, eligibility criteria regarding national legal entities.

Amendment

1. In addition to criteria set out in Article 22 of the Horizon Europe Regulation or, in the case of the Chips Joint Undertaking, in Article 18 of the Digital Europe Programme, the work programme ***shall*** include, as an annex, eligibility criteria regarding national legal entities ***and the evaluation criteria,***

including the contribution to achieving the twin digital and green transition. The work programme shall include an assessment of the environmental impact of the actions funded to prevent any damage to the environment and biodiversity, as well as an assessment of social impact, including in terms of employment and training.

Or. en

Amendment 64

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point a

Regulation (EU) 2021/2085

Article 126 – Paragraph 1 – point b

Text proposed by the Commission

(b) Establish Union scientific excellence and innovation leadership in emerging components and systems technologies, including in activities related to lower TRLs; and promote the active involvement of SMEs, which shall represent at least one third of the total number of participants in indirect actions and at least **20** % of public funding dedicated to research and innovation actions should go to them.

Amendment

(b) Establish Union scientific excellence and innovation leadership in emerging components and systems technologies, including in activities related to lower TRLs; and promote the active involvement of SMEs, which shall represent at least one third of the total number of participants in indirect actions and at least **30** % of public funding dedicated to research and innovation actions should go to them.

Or. en

Amendment 65

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point b

Regulation (EU) 2021/2085

Article 126 – Paragraph 1 – point d

Text proposed by the Commission

(d) increase **large-scale** capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union's advanced design, systems integration and semiconductor production capabilities and **limit where possible the environmental footprint**.

Amendment

(d) increase **specialised** capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union's advanced design, systems integration and semiconductor production capabilities and **prevent the negative environmental impact of the semiconductor industry with a credible strategy and commitment to prevent any damages to the environment and biodiversity, including sufficient measures to ensure that any negative consequences will be treated according to the polluter pays principle**.

Or. en

Amendment 66

Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point b

Regulation (EU) 2021/2085

Article 126 – Paragraph 1 – point d

Text proposed by the Commission

(d) increase large-scale capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union's advanced design, systems integration and semiconductor production capabilities and limit where possible the environmental footprint.

Amendment

(d) increase large-scale capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union's advanced design, systems integration and semiconductor production capabilities and limit where possible the environmental footprint, **for example by developing a market of recycled and recyclable semiconductors and by reducing the amount of water and energy spent in the manufacturing process**.

Or. en

Amendment 67

Bart Groothuis, Ivars Ijabs

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point b

Regulation 2021/2085

Article 126 – Paragraph 1 – point d

Text proposed by the Commission

(d) increase large-scale capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union’s advanced design, systems integration and semiconductor production capabilities and limit where possible the environmental footprint.

Amendment

(d) increase large-scale capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union’s advanced design, ***equipment and materials development***, systems integration and semiconductor production capabilities and limit where possible the environmental footprint.

Or. en

Amendment 68

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point b

Regulation (EU) 2021/2085

Article 126 – Paragraph 1 – point d

Text proposed by the Commission

(d) increase large-scale capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union’s advanced design, systems integration and semiconductor production capabilities and limit where possible the environmental footprint.

Amendment

(d) increase large-scale capacity throughout the Union in cutting-edge and next-generation semiconductor technologies to reinforce the Union’s advanced design, systems integration and semiconductor production ***and packaging*** capabilities and limit where possible the environmental footprint.

Or. en

Amendment 69

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point c

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point f

Text proposed by the Commission

(f) establish coherence between the Strategic Research and Innovation Agenda of the Chips Joint Undertaking ***inputs from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor technologies*** and Union policies so that ***electronics components and systems technologies contribute efficiently***.

Amendment

(f) establish coherence between the Strategic Research and Innovation Agenda of the Chips Joint Undertaking and Union policies so that ***the objectives of the Chips Act in particular are implemented***.

Or. en

Amendment 70

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d – introductory part

Regulation (EU) 2021/2085

Article 126 – Paragraph 2

Text proposed by the Commission

(d) In paragraph 2 the following points (g), (h), (i) ***and (j)*** are added:

Amendment

(d) In paragraph 2 the following points ***(-a)*** (g), (h), (i), ***(j) (k) (l) (m) and (n)*** are added:

Or. en

Amendment 71

Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point g

Text proposed by the Commission

Amendment

(g) build up large-scale design capacities for integrated semiconductor technologies.

(g) build up large-scale design capacities for integrated semiconductor **and quantum** technologies.

Or. en

Amendment 72

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point g a (new)

Text proposed by the Commission

Amendment

(g a) (-a) support the implementation of Union policy priorities, including in particular the sustainable development goals and the Paris Agreement and ensure that circularity and environmental considerations are taken into account in the development and implementation of research and innovation;

Or. en

Amendment 73

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares, Carlos Zorrinho

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point i

Text proposed by the Commission

Amendment

(i) build advanced technology and engineering capacities for accelerating the development of quantum chips.

(i) build advanced technology and engineering capacities for accelerating the development of quantum chips **and photonic semiconductors, while avoiding overlapping and duplication of**

efforts with the Quantum Technologies Flagship.

Or. en

Amendment 74
Tom Berendsen

Proposal for a regulation
Article 1 – paragraph 1 – point 7 – point d
Regulation (EU) 2021/2085 (SBA)
Article 126 – Paragraph 2 – point i

Text proposed by the Commission

(i) build advanced technology and engineering capacities for accelerating the development of quantum chips.

Amendment

(i) build advanced technology and engineering capacities for accelerating the development of ***photonic and*** quantum chips.

Or. en

Amendment 75
Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation
Article 1 – paragraph 1 – point 7 – point d
Regulation (EU) 2021/2085
Article 126 – Paragraph 2 – point j a (new)

Text proposed by the Commission

Amendment

(j a) deliver environmental, energy efficient, resource-saving, circularity and productivity improvements in new products, technologies, applications and services by exploiting Union capabilities and resources.

Or. en

Amendment 76
Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126, Paragraph 2, point j a (new)

Text proposed by the Commission

Amendment

(j a) boost the Union's capacity to obtain semiconductor materials from both primary and secondary sources.

Or. en

Amendment 77

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point j b (new)

Text proposed by the Commission

Amendment

(j b) promote responsible research and innovation, taking into account the precautionary principle, prevent any damages to the environment and biodiversity, especially focusing on water management and energy use as well as the use, treatment and disposal of toxic chemicals and heavy metals and including sufficient measures to ensure that the use and management of natural resources is fully transparent and that any negative consequences will be treated according to the polluter pays principle.

Or. en

Amendment 78

Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085
Article 126 – Paragraph 2 – point j b (new)

Text proposed by the Commission

Amendment

***(j b) promote the design and
manufacture of recyclable
semiconductors.***

Or. en

Amendment 79

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point j c (new)

Text proposed by the Commission

Amendment

***(j c) promote STEM education while
paying particular attention to women's
participation and strengthening the
gender dimension in research and
innovation.***

Or. en

Amendment 80

Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point j c (new)

Text proposed by the Commission

Amendment

***(j c) enhance the design of less energy
consuming semiconductors.***

Or. en

Amendment 81

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point j d (new)

Text proposed by the Commission

Amendment

(j d) foster open science and ensure visibility to the public and open access to the results of publicly funded research and innovation;

Or. en

Amendment 82

Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point j d (new)

Text proposed by the Commission

Amendment

(j d) push for manufacturing processes that reduce the consumption of water and energy.

Or. en

Amendment 83

Henrike Hahn

on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 7 – point d

Regulation (EU) 2021/2085

Article 126 – Paragraph 2 – point g e (new)

Text proposed by the Commission

Amendment

(j e) ensure that the research and

innovation activities are aimed at societal good and progress and their user and market acceptance is taken into account.

Or. en

Amendment 84

Lina Gálvez Muñoz, Romana Jerković, Patrizia Toia, Adriana Maldonado López, Nicolás González Casares

Proposal for a regulation

Article 1 – paragraph 1 – point 8

Regulation (EU) 2021/2085

Article 128 – Paragraph 1

Text proposed by the Commission

1. The Union financial contribution to the Joint Undertaking including EEA appropriations shall be **up to** EUR 4 175 000 000, including up to EUR 50 174 000 for administrative costs distributed as follows:

Amendment

1. The Union financial contribution to the Joint Undertaking including EEA appropriations shall be **at least** EUR 4 175 000 000, including up to EUR 50 174 000 for administrative costs distributed as follows:

Or. en

Amendment 85

Ivars Ijabs, Klemen Grošelj, Bart Groothuis, Nicola Beer, Andrus Ansip

Proposal for a regulation

Article 1 – paragraph 1 – point 8

Regulation (EU) 2021/2085

Article 128 – Paragraph 1 – point a

Text proposed by the Commission

(a) up to EUR **2 650 000 000** from Horizon Europe;

Amendment

(a) up to EUR **3 150 000 000** from Horizon Europe **of which at least EUR 500 000 000 shall stem from decommitted funds made available again under Article 15(3) of the Financial Regulation.**

Or. en

Justification

Adding EUR 500 000 000 to the Union's contribution to the Joint Undertaking from the decommitted funds of Horizon Europe would ensure that the new initiative does not lead to decrease of funding for the currently foreseen research and development activities under Horizon Europe.

Amendment 86

Marc Botenga, Marina Mesure
on behalf of the The Left Group

Proposal for a regulation

Article 1 – paragraph 1 – point 8

Regulation (EU) 2021/2085

Article 128 – Paragraph 5

Text proposed by the Commission

5. The Union financial contribution referred to in paragraph 1 point (b) shall be used for capability building for pilot lines and design infrastructures across the whole Union.

Amendment

5. The Union financial contribution referred to in paragraph 1 point (b) shall be used for capability building for pilot lines and design infrastructures across the whole Union ***giving priority and preference to public or non-profit entities.***

Or. en

Amendment 87

Henrike Hahn
on behalf of the Verts/ALE Group

Proposal for a regulation

Article 1 – paragraph 1 – point 9

Regulation (EU) 2021/2085

Article 129 – Paragraph 3

Text proposed by the Commission

3. By way of derogation from Article 28(4), the private members shall make or arrange for their constituent and affiliated entities to make a financial contribution of at least EUR 26 331 000 for administrative costs of the Chips Joint Undertaking. The share of the total contribution on an annual basis for administrative costs of the Chips Joint Undertaking by the private members

Amendment

3. By way of derogation from Article 28(4), the private members shall make or arrange for their constituent and affiliated entities to make a financial contribution of at least EUR 26 331 000 for administrative costs of the Chips Joint Undertaking. The share of the total contribution on an annual basis for administrative costs of the Chips Joint Undertaking by the private members

shall be 35%.

shall be *at least* 35%.

Or. en

Amendment 88

Marc Botenga, Marina Mesure
on behalf of the The Left Group

Proposal for a regulation

Article 1 – paragraph 1 – point 10

Regulation (EU) 2021/2085

Article 133 – Paragraph 3a

Text proposed by the Commission

3a. The Governing Board shall solely include the Commission and public authorities from Member States when voting *on the part of the work programme related to capacity building activities*. The Commission shall hold 50% of the voting rights. Paragraphs 2 and 3 shall apply mutatis mutandis to the voting rights of the Member States.

Amendment

3a. The Governing Board shall solely include the Commission and public authorities from Member States when voting. The Commission shall hold 50% of the voting rights. Paragraphs 2 and 3 shall apply mutatis mutandis to the voting rights of the Member States.

Or. en

Amendment 89

Marie Dauchy

Proposal for a regulation

Article premier – paragraph 1 – point 10

Regulation 2021/2085 (EU)

Article 133 – Paragraph 3a

Text proposed by the Commission

3a. The Governing Board shall solely include the Commission and public authorities from Member States when voting on the part of the work programme related to capacity building activities. *The Commission shall hold 50% of the voting rights*. Paragraphs 2 and 3 shall apply mutatis mutandis to the voting rights of the Member States.

Amendment

3a. The Governing Board shall solely include the Commission and public authorities from Member States when voting on the part of the work programme related to capacity building activities. Paragraphs 2 and 3 shall apply mutatis mutandis to the voting rights of the Member States.

Justification

necessary to maintain the current situation in view of Commission's share voting rights

Amendment 90

Marc Botenga, Marina Measure

on behalf of the The Left Group

Proposal for a regulation

Article 1 – paragraph 1 – point 11

Regulation (EU) 2021/2085

Article 133a – Paragraph 3a (new)

Text proposed by the Commission

Amendment

3 a. Public spending and support shall always ensure a fair return on investment, including commensurate public ownership of process, IP and/or end-products, and ensure strong liability obligations, including stringent environmental and social conditionalities.

Or. en

Amendment 91

Bart Groothuis, Ivars Ijabs

Proposal for a regulation

Article 1 – paragraph 1 – point 12

Regulation 2021/2085

Article 134 – Paragraph 4a (new)

Text proposed by the Commission

Amendment

4 a. Participation is prohibited for entities originating from a country with an intellectual property theft program directed at the Union or Member States.

Or. en

Justification

The Commission's proposal contains a degree of legal uncertainty by having two different

sets of rules for participation and IP protection depending on the funding source (Horizon or Digital Europe). Setting a higher standard in this regulation is particularly important since infringements in third-country markets through theft, industrial espionage, unauthorised copying or the breach of confidentiality agreements are increasingly an issue in high-technology areas such as the semiconductor sector. If undertakings receive funding under this Regulation, appropriate IP protection measures should be taken with the aim of preventing IP theft by third countries that have an IP theft program direct at the Union and its Member States. This list of countries can be established and maintained by the Commission.

Amendment 92

Marc Botenga, Marina Mesure

on behalf of the The Left Group

Proposal for a regulation

Article 1 – paragraph 1 – point 15 – point a

Regulation (EU) 2021/2085

Article 137 – Paragraph 1 – point f

Text proposed by the Commission

(f) before each work programme is prepared, define the part of the work programme related to capacity building activities and research and innovation activities, including the corresponding expenditure estimates, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, roadmaps produced by the Alliance on Processors and Semiconductor Technologies;

Amendment

(f) before each work programme is prepared, define the part of the work programme related to capacity building activities and research and innovation activities, including the corresponding expenditure estimates, taking into account the advice of the European Semiconductor Board and input from other relevant stakeholders, including as appropriate, **trade unions and** roadmaps produced by the Alliance on Processors and Semiconductor Technologies;

Or. en

Amendment 93

Clara Ponsatí Obiols

Proposal for a regulation

Article 1 – paragraph 1 – point 16

Regulation (EU) 2021/2085

Article 141 – Paragraph 1a (new)

Text proposed by the Commission

Amendment

1 a. The Chips Joint Undertaking work

programme shall consider the Union's full financing of those indirect and innovation actions that could significantly foster the resilience of the semiconductor supply chain in the entire Union. Thereby, the exclusion of crucial projects due to Member States' lack of investment shall be precluded.

Or. en