



2022/2079(INI)

8.2.2023

AMENDMENTS

1 - 107

Draft opinion
Dragoş Tudorache
(PE739.574v01-00)

Critical technologies for security and defence: state of play and future challenges
(2022/2079(INI))

Amendment 1

Nathalie Loiseau, Javier Nart, Petras Auštrevičius, Klemen Grošelj

Draft opinion

Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector ***is fragmented, which creates*** strategic vulnerabilities for the Union, Member States and ***industry; is concerned about the lack of coordination*** and calls for ***more strategic cohesion in security and defence policies at Union level***; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto military union supported by a strongly articulated common market for defence equipment, ***followed by a review of the Treaties*** for more ***EU competences on critical technologies for defence, innovation in defence, and security and defence affairs***;

Amendment

1. ***Notes that in the face of the significant increase of threats in an increasingly destabilised geopolitical order, the EU must act more strongly to reduce its critical dependencies from the rest of the world; considers that critical technologies should be considered as one of the European Security priorities***; underlines that the EU's defence sector ***suffers from strategic external dependencies that create*** vulnerabilities for the Union, Member States and ***the European Defence Technological and industrial base (ETDIB)***; ***recalls the importance of the European Defence fund (EDF) and the Horizon programme as regard investment on critical technologies***, and calls for ***a revision of the MFF in order to increase its budget***; welcomes in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto military union supported by a strongly articulated common market for defence equipment; ***is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level***;

Or. en

Amendment 2

Thierry Mariani, Jean-Lin Lacapelle

Draft opinion

Paragraph 1

Draft opinion

1. ***Underlines*** that the EU's defence sector is fragmented, ***which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the*** Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) ***and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto military union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs;***

Amendment

1. ***Notes*** that the EU's defence sector is fragmented; ***condemns*** the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA), ***which, in terms of its size, appears insufficiently ambitious to have a real impact on European rearmament potential, but which will further extend the Commission's competence, including in the defence sector, which must remain the sovereign competence of the Member States, as stipulated in the Treaties;***

Or. fr

Amendment 3 Alexandr Vondra

Draft opinion Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further

Amendment

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion ***led by Member States*** in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further

and strive towards a de facto military union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties *for more EU competences on* critical technologies for defence, innovation in defence, and security and defence affairs;

by enhancing the commitment to EDIRPA and ensuring that replenishment of weaponry stockpiles and future defense acquisitions focus on technologically sophisticated capabilities that will maintain the qualitative edge of Member State defense capabilities supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties *to determine how the EU can add value to Member State developments in the areas of* critical technologies for defence, innovation in defence, and security and defence affairs;

Or. en

Amendment 4
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector is fragmented, *which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto military union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for* more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs;

Amendment

1. Underlines that the EU's defence sector is fragmented *because the EU contains a wide array of separate strategic cultures and competing defence industries and procurement systems specifically adapted to each of them; underlines that some EU Member States define themselves as neutral in some form and that as such the notion of* more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs *is problematic and would be a highly undemocratic development within the EU;*

Or. en

Amendment 5
Arnaud Danjean

Draft opinion
Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector is fragmented, which creates ***strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and*** calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further ***and strive towards a de facto military union supported by*** a strongly articulated common market for defence equipment, ***followed by a review of the Treaties for more EU competences*** on critical technologies for ***defence, innovation in defence, and security*** and defence ***affairs***;

Amendment

1. Underlines that the EU's defence sector is ***excessively*** fragmented, which creates ***costly redundancies, overlappings and hampers competitiveness and interoperability***; calls ***therefore*** for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further ***with*** a strongly articulated common market for defence equipment, ***especially*** on critical technologies for innovation and defence;

Or. en

Amendment 6
Fabio Massimo Castaldo

Draft opinion
Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes,

Amendment

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes,

in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto military union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs;

in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto military union supported by a ***stronger and more competitive European Defence and Technological Industrial Base (EDITB)***, a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs;

Or. en

Amendment 7

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a ***de facto military union supported by a*** strongly articulated common market for defence equipment, ***followed by a review of the Treaties for more EU competences on critical technologies for defence, innovation in***

Amendment

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities ***and unnecessary annual financial losses of between 25 to 100 Billion*** for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level ***that includes R&D, common procurement, maintenance, training and security of supply chains***; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a strongly articulated ***and efficient*** common market for defence equipment; ***reiterates its call for pooling***

defence, and security and defence affairs;

parts of national defence budgets;

Or. en

Amendment 8
Peter van Dalen

Draft opinion
Paragraph 1

Draft opinion

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards *a de facto military union* supported by a strongly articulated common market for defence equipment, *followed by a review of the Treaties for more EU competences on* critical technologies for defence, innovation in defence, and security and defence affairs;

Amendment

1. Underlines that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards *strong cooperation in the field of defence* supported by a strongly articulated common market for defence equipment, *and to enhance the EU's role in coordinating and fostering the development of* critical technologies for defence, innovation in defence, and security and defence affairs;

Or. en

Amendment 9
David McAllister

Draft opinion
Paragraph 1

Draft opinion

1. Underlines that the *EU's* defence sector is fragmented, which creates

Amendment

1. Underlines that the *European Union's* defence sector is fragmented,

strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto **military** union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs;

which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a de facto **Defence** Union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on critical technologies for defence, innovation in defence, and security and defence affairs;

Or. en

Amendment 10

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion Paragraph 1

Draft opinion

1. ***Underlines*** that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a ***de facto military*** union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on critical

Amendment

1. ***Regrets*** that the EU's defence sector is fragmented, which creates strategic vulnerabilities for the Union, Member States and industry; is concerned about the lack of coordination and calls for more strategic cohesion in security and defence policies at Union level; welcomes, in this context, the Commission's launch of the European Defence Industry Reinforcement through common Procurement Act (EDIRPA) and encourages the Commission and Member States to take this initiative a step further and strive towards a ***genuine European Defence*** Union supported by a strongly articulated common market for defence equipment, followed by a review of the Treaties for more EU competences on

technologies *for defence*, innovation in *defence, and* security and defence affairs;

critical technologies *and* innovation in security and defence affairs;

Or. en

Amendment 11

Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion

Paragraph 1 a (new)

Draft opinion

Amendment

1 a. Deplores the advance of a militarist agenda in the European Union and the sharp rise in allocation of European public money to militarist projects above social projects in the 2021–27 Multi-annual Financial Framework wherein funding for law enforcement, border control, military research and development and operations now stands at €43.9bn, 31 times higher than the €1.4bn funding allocation for rights, values and justice; recalls that according to Article 41.2 of the TEU, the operating expenditure arising from actions having military or defence implications must not be charged to the Union budget;

Or. en

Amendment 12

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 1 a (new)

Draft opinion

Amendment

1 a. Underlines the urgent need to establish a truly European defence equipment market, inter alia by consolidating industrial capacities, reducing industrial overcapacities,

duplication and fragmentation and at the same time adapting the industrial basis, in particular its supply-chains, skilled work force to the new security environment in Europe which demands to rapidly ramp up production capacities;

Or. en

Amendment 13

Klemen Grošelj, Nathalie Loiseau, Christophe Grudler, Javier Nart, Petras Auštrevičius

Draft opinion

Paragraph 1 a (new)

Draft opinion

Amendment

1 a. Calls on the Commission to encourage Member States to make full use of common procurement and common R&D projects, particularly within the framework of the European Defence Agency, as a tool for exploiting synergies in the EU defence sector and providing the necessary competitiveness and technological edge in arms and equipment production;

Or. en

Amendment 14

Peter van Dalen

Draft opinion

Paragraph 1 a (new)

Draft opinion

Amendment

1 a. Recalls that NATO remains the primary framework for defence cooperation and urges the Member States to work towards meeting its 2% norm for defence spending;

Or. en

Amendment 15
Markéta Gregorová
on behalf of the Verts/ALE Group

Draft opinion
Paragraph 1 b (new)

Draft opinion

Amendment

1 b. Underlines the need to also build an effective European defence equipment market via rule-setting, standardisation, and certification; calls on the Commission to present proposals for technical norms for military interoperability and instruments that would help to standardise military technology and guarantee interoperability;

Or. en

Amendment 16
Markéta Gregorová
on behalf of the Verts/ALE Group

Draft opinion
Paragraph 1 c (new)

Draft opinion

Amendment

1 c. Reminds the Commission's DG DEFIS of the importance of security of supply arrangements for the development of long-term planning and cooperation, and for the functioning of the European defence equipment market; recalls that the European Council, already in 2013, called on the Commission to develop a roadmap for a comprehensive EU-wide security of supply regime which has, unfortunately never been presented; urges the Commission to present such a roadmap without further delay;

Or. en

Amendment 17

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 1 d (new)

Draft opinion

Amendment

1 d. Urges the establishment of an effective EU-level arms exports policy which guarantees that EU Member States fully comply with the legally binding eight criteria on arms exports, that their national exports do not fuel regional tensions or undermine the security of other Member States, allies, partners and of the Union as a whole while fully supporting legitimate security and defence needs of allies and partner countries especially those whose territorial integrity is violated and which exercise their right to self-defence as enshrined in the UN Charter;

Or. en

Amendment 18

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 2

Draft opinion

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies;

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies; ***underlines, in this regard, the need to collaboratively invest in the research and development of emerging and disruptive technologies;***

Amendment 19
Alexandr Vondra

Draft opinion
Paragraph 2

Draft opinion

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to **coordinate** Member **States'** strategies for critical technologies **and to reduce** dependencies;

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to **support** Member **State driven coordination** strategies for **procurement and development of** critical technologies **that reduces** dependencies **with the aim of being completely self-reliant from non-democratic Allies or partners**;

Or. en

Amendment 20
Klemen Grošelj, Nathalie Loiseau, Javier Nart, Petras Auštrevičius

Draft opinion
Paragraph 2

Draft opinion

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies;

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military **technologies, equipment and** capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies, **while maintaining a competitive internal and global market for the EU defence sector and companies**;

Or. en

Amendment 21
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 2

Draft opinion

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge **military** capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies;

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge capabilities **in the transport, health, agriculture, environment and climate action sectors** and for EU-level legislation to coordinate Member States' strategies for critical technologies **in these fields** and to reduce dependencies;

Or. en

Amendment 22
Fabio Massimo Castaldo

Draft opinion
Paragraph 2

Draft opinion

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies;

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies, **thus supporting the achievement of a European strategic autonomy**;

Or. en

Amendment 23
Markéta Gregorová
on behalf of the Verts/ALE Group

Draft opinion
Paragraph 2

Draft opinion

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies;

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities and for EU-level ***instruments, policies, norms, rules, standards including via EU*** legislation to coordinate Member States' strategies for critical technologies and to reduce dependencies;

Or. en

Amendment 24
Arnaud Danjean

Draft opinion
Paragraph 2

Draft opinion

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities ***and for EU-level legislation to coordinate Member States' strategies*** for critical technologies and to reduce dependencies;

Amendment

2. Calls on the relevant EU bodies to consolidate EU cooperative frameworks for developing cutting-edge military capabilities for critical technologies and to reduce dependencies ***in order to boost a more coordinated approach***;

Or. en

Amendment 25
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 2 a (new)

Draft opinion

Amendment

2 a. Regrets that the combined defence research and technology (R&T) spending of Member States in 2020 amounted to only 1.2 percent of their total defence spending, far below the 2 percent

benchmark agreed within the framework of the European Defence Agency;

Or. en

Amendment 26

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 2 b (new)

Draft opinion

Amendment

2 b. Calls on the Commission to assess the coherence and complementarity of existing EU programmes with a view to identifying support gaps and promoting synergies; calls for this assessment to be taken into account when preparing the next multiannual financial framework (MFF); calls, likewise, for increased funding opportunities for defence to be considered within the context of the upcoming MFF review;

Or. en

Amendment 27

Nathalie Loiseau, Dragoş Tudorache, Javier Nart, Petras Auštrevičius, Klemen Grošelj

Draft opinion

Paragraph 3

Draft opinion

Amendment

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, *and* summarise findings; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

3. Calls on the EU to agree on a common definition of what are “critical technologies”, and to agree on a list on main critical domains, as well as to decide on domains where EU action is a priority; calls on the EDA to include the notion of critical technologies in its annual CARD exercise; calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose,

summarise findings *and share them with all other Member States when possible and relevant*; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Or. en

Amendment 28
Fabio Massimo Castaldo

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Amendment

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; ***calls for a thorough review of relevant defence initiative such as the Capability Development Plan (CDP) in order to update it in light of the provisions included in the EU Strategic Compass and the Gap Analysis elaborated by the European Defence Agency;*** suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Or. en

Amendment 29
Thierry Mariani, Jean-Lin Lacapelle

Draft opinion
Paragraph 3

Draft opinion

3. ***Calls on*** the Commission ***to encourage Member States to review all***

Amendment

3. ***Recalls that*** the Commission ***has no authority to interfere with, control or***

defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

correct the sovereign defence policies of the Member States;

Or. fr

Amendment 30

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; **suggests** that the European Defence Agency **can provide light touch** support and coordination suggestions, **including** a strategic assessment of the findings;

Amendment

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; **considers** that the European Defence Agency **(EDA) is well placed to ensure the coherence of innovation activities among European actors in the defence sector; calls, in this regard, for the strengthening of its role in providing** support and coordination suggestions **for Member States, following** a strategic assessment of the findings;

Or. en

Amendment 31

Klemen Grošelj, Nathalie Loiseau, Christophe Grudler, Javier Nart, Petras Auštrevičius

Draft opinion Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools,

Amendment

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools,

check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings ***and present solutions to support common R&D and procurement projects, especially with regard to ammunition;***

Or. en

Amendment 32
Alexandr Vondra

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Amendment

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency, ***in cooperation with the NATO Support and Procurement Agency***, can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Or. en

Amendment 33
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; ***suggests that the***

Amendment

3. Calls on the Commission to encourage Member States, ***in light of the fact that the greatest threat to life on earth is global warming***, to review all defence programmes and policy tools, check if they

European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

are still fit for purpose ***and a logical use of funds*** and summarise findings;

Or. en

Amendment 34
Arnaud Danjean

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review ***all*** defence programmes and policy tools, ***check if they are still fit for purpose, and summarise findings***; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Amendment

3. Calls on the Commission to encourage Member States to review defence programmes and policy tools, ***following CARD's approach with a specific focus on critical technologies***; suggests that the European Defence Agency can provide light touch support and coordination suggestions, including a strategic assessment of the findings;

Or. en

Amendment 35
David McAllister

Draft opinion
Paragraph 3

Draft opinion

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide ***light touch*** support and ***coordination*** suggestions, including a strategic assessment of the findings;

Amendment

3. Calls on the Commission to encourage Member States to review all defence programmes and policy tools, check if they are still fit for purpose, and summarise findings; suggests that the European Defence Agency can provide support and ***coordinate*** suggestions, including a strategic assessment of the findings;

Or. en

Amendment 36
Željana Zovko

Draft opinion
Paragraph 3 a (new)

Draft opinion

Amendment

3 a. Welcomes that the EC's roadmap recognises the important role of space and cyber as strategic 'enablers' for the security and defence sectors, and emphasis that as such they also play a fundamental role in the EU's future Rapid Deployment Capacity (RDC);

Or. en

Amendment 37
Alexandr Vondra

Draft opinion
Paragraph 4

Draft opinion

Amendment

4. Calls for a more pragmatic and business-oriented approach to military research in order to provide incentives for innovation in military technology, including by reducing or removing barriers to entry into the defence market; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by relaxing the rules on compliance documentation and by providing tax incentives and stimulating investments;

4. Calls for a more pragmatic and business-oriented approach to military research in order to provide incentives for innovation in military technology, including by reducing or removing barriers to entry into the defence market; ***facilitation of SME engagement should be prioritized in the procurement and acquisition process by means that aim to reduce complexities of bidding procedures, create preapproved lists of companies and assist SME growth via incubation and capital investment***; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by relaxing the rules on compliance documentation and by providing tax incentives and stimulating investments;

Amendment 38**Mick Wallace, Özlem Demirel, Clare Daly****Draft opinion****Paragraph 4***Draft opinion*

4. Calls for a more pragmatic **and business-oriented** approach to **military** research in order to provide incentives for innovation in **military** technology, **including by reducing or removing barriers to entry into the defence market;** further calls for increased support for European companies in emerging technologies **to ensure they remain competitive in international markets by relaxing the rules on compliance documentation and by providing tax incentives and stimulating investments;**

Amendment

4. Calls for a more pragmatic approach to research **in the areas of health, transport, agriculture, environment and climate action** in order to provide incentives for innovation in technology **related to these fields,** further calls for increased support for European companies in emerging technologies **relevant to these areas;**

Or. en

Amendment 39**Klemen Grošelj, Nathalie Loiseau, Christophe Grudler, Javier Nart, Petras Auštrevičius****Draft opinion****Paragraph 4***Draft opinion*

4. Calls for a more pragmatic and business-oriented approach to military research in order to provide incentives for innovation in military technology, including by reducing or removing barriers to entry into the defence market; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by relaxing the rules on compliance documentation and by providing tax incentives and stimulating

Amendment

4. Calls for a more pragmatic and business-oriented approach to military research in order to provide incentives for innovation in military technology, including by reducing or removing barriers to entry into the defence market, **while preserving and enhancing the necessary levels of standardisation and interoperability;** further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international

investments;

markets by relaxing the rules on compliance documentation and by providing tax incentives and stimulating investments;

Or. en

Amendment 40

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 4

Draft opinion

4. Calls for a more pragmatic ***and business-oriented*** approach to military research in order to provide incentives for innovation in military technology, including by reducing or removing barriers to entry into the defence market; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by ***relaxing the rules on compliance documentation and*** by providing ***tax*** incentives and stimulating investments;

Amendment

4. Calls for a more pragmatic approach to military research in order to provide incentives for innovation in military technology, including by reducing or removing barriers to entry into the defence market; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by ***reducing the bureaucratic burden*** by providing incentives and stimulating investments ***on par with industrial subsidy plans envisioned and implemented by the leading global economies***;

Or. en

Amendment 41

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 4

Draft opinion

4. Calls for a more pragmatic and ***business-oriented*** approach to military research in order to provide incentives for

Amendment

4. Calls for a more pragmatic and ***needs-based*** approach to military research in order to provide incentives for

innovation in military technology, including by reducing or removing barriers to entry into the defence market; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by ***relaxing the rules on compliance documentation and by*** providing ***tax*** incentives ***and*** stimulating investments;

innovation in military technology, including by reducing or removing barriers to entry into the defence market; further calls for increased support for European companies in emerging technologies to ensure they remain competitive in international markets by providing incentives ***with a view to*** stimulating investments;

Or. en

Amendment 42

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 4 a (new)

Draft opinion

Amendment

4 a. Underlines the need to direct investments in ways which least distort competition on the Single Market and maintain fair, open and efficient competition in defence procurement; calls, in this regard, on the Commission to ensure the full enforcement of the Procurement Directive in all Member States;

Or. en

Amendment 43

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 4 b (new)

Draft opinion

Amendment

4 b. Stresses the need to ensure and increase the participation of start-ups and small and medium-sized enterprises

(SME) in defence initiatives; recognises the importance of support for overcoming technological, financial, administrative, regulatory and other barriers for entry to the market; calls for measures to raise awareness about EU programmes and funding opportunities and to provide support and training for facilitating market entry;

Or. en

Amendment 44

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion Paragraph 5

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Amendment

5. *Recognises that the lack of skills constitutes a significant challenge for sustaining and strengthening the European security and defence industries; underlines the need to take an inclusive and accessible approach in reaching out to all available workforce with a view to ensuring a continuous and sustainable supply of skills and human capital; encourages, in this regard, measures to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;*

Or. en

Amendment 45 David McAllister

Draft opinion Paragraph 5

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Amendment

5. ***Recalls that few Member States have dedicated defence innovation hubs;*** underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs ***complementary to and presenting an added-value for NATO's Defence Innovation Accelerator for the North Atlantic (DIANA);***

Or. en

Amendment 46

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 5

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Amendment

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies ***particularly in the fields of material science, energy production, semi-conductors, nano-technology, quantum computation, aviation and bio medical science;*** calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Or. en

Amendment 47

Alexandr Vondra

Draft opinion
Paragraph 5

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Amendment

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs ***and encourage a dedicated financial guidelines within defense spending allocated to R&D;***

Or. en

Amendment 48
Petras Auštrevičius

Draft opinion
Paragraph 5

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Amendment

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs ***and to support emerging clusters based on new projects and cooperation;***

Or. en

Amendment 49
Thierry Mariani, Jean-Lin Lacapelle

Draft opinion
Paragraph 5

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; ***calls on the Commission to encourage Member States to establish and fund defence innovation hubs;***

Amendment

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies on the ***basis of agreements between*** Member States;

Or. fr

Amendment 50

Nathalie Loiseau, Dragoș Tudorache, Javier Nart, Petras Auštrevičius, Klemen Grošelj

**Draft opinion
Paragraph 5**

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Amendment

5. Underlines the need to stimulate the development of skills for innovation, ***EU financially supported training programmes***, research and development (R&D), and fundamental research in critical areas related to emerging technologies; calls on the Commission to encourage Member States to establish and fund defence innovation hubs;

Or. en

Amendment 51

Mick Wallace, Özlem Demirel, Clare Daly

**Draft opinion
Paragraph 5**

Draft opinion

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D), and fundamental research in critical areas related to emerging technologies; ***calls on***

Amendment

5. Underlines the need to stimulate the development of skills for innovation, research and development (R&D) ***in the areas of health, transport, agriculture, environment and climate action***, and

the Commission to encourage Member States to establish and fund defence innovation hubs;

fundamental research in critical areas related to emerging technologies *in these areas;*

Or. en

Amendment 52

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 5 a (new)

Draft opinion

Amendment

5 a. Underlines that many critical technologies for security and defence increasingly originate in the civilian sector and use dual-use components; stresses, in this regard, the need to strengthen synergies between civilian and defence research and innovation with a view to reducing strategic dependencies, facilitating the sharing of knowledge, enhancing the use of dual-use products and broadening funding opportunities;

Or. en

Amendment 53

Alexandr Vondra

Draft opinion

Paragraph 5 a (new)

Draft opinion

Amendment

5 a. Underlines the importance of achieving quantum computing capabilities and stresses the need to enhance cooperation in this area to ensure that quantum computing is first realized among partners sharing warm relations and supporting objectives;

Or. en

Amendment 54
Emmanuel Maurel

Draft opinion
Paragraph 5 a (new)

Draft opinion

Amendment

5a. Considers that a Buy European Act in the defence sector is needed to stimulate innovation in the European Union;

Or. fr

Amendment 55
Alexandr Vondra

Draft opinion
Paragraph 5 b (new)

Draft opinion

Amendment

5 b. Underlines that the growing significance of Artificial intelligence and machine learning requires enhanced Member State cooperation with likeminded partners and that measures should be taken to advance transatlantic cooperation between tech companies in order to ensure partnering on development and application;

Or. en

Amendment 56
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 5 b (new)

Draft opinion

Amendment

5 b. *Notes that the adoption of common standards across sectors has the potential to contribute to cost savings, innovation and increased interoperability; calls, in this regard, on the Commission to accelerate work on the harmonisation of standards between civil, defence and space industries;*

Or. en

Amendment 57
Alexandr Vondra

Draft opinion
Paragraph 5 c (new)

Draft opinion

Amendment

5 c. *Encourages developing a set of common EU AI capabilities matched to a Member State's operating concepts to bridge technical gaps to ensure that Member States lacking the relevant technology–industry expertise or the ability to implement AI systems in their ministries are not left behind;*

Or. en

Amendment 58
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 5 c (new)

Draft opinion

Amendment

5 c. *Underlines the need for increased resource efficiency, promotion of recycling of materials, and uptake of sustainable technology solutions; calls on the Commission to accelerate work on the development and application of sustainable security and defence*

technologies;

Or. en

Amendment 59

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 5 d (new)

Draft opinion

Amendment

5 d. Recognises that a secure supply of critical materials, such as rare earth materials, components, and technologies is crucial for the European security and defence industries and the EU's ability to safeguard its interests; underlines the importance of diversifying supply chains as a means of reducing dependencies on individual third countries;

Or. en

Amendment 60

Mick Wallace, Clare Daly

Draft opinion

Paragraph 6

Draft opinion

Amendment

6. Is concerned about the EU's dependence on ***China for*** raw materials and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, ***and to*** enhance ***defence*** production chains in Europe by localising or near-shoring production;

6. Is concerned about the EU's dependence on raw materials ***from third countries*** and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, ***in particular our dependence on the Gulf monarchical dictatorships, and the state of Israel who, according to Amnesty International, are carrying out a system of targeted oppression against the Palestinian people that "amounts to apartheid as prohibited in international***

law"; notes that Member States could enhance production chains in Europe by localising or near-shoring production;

Or. en

Amendment 61

Nathalie Loiseau, Dragoş Tudorache, Javier Nart, Petras Auštrevičius, Klemen Grošelj

Draft opinion

Paragraph 6

Draft opinion

6. Is concerned about the EU's dependence on China *for raw materials* **and** calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, and to enhance defence production chains in Europe by localising or near-shoring production;

Amendment

6. Is concerned about the EU's dependence on *raw material, in particular from some non-democratic countries and strategic rivals such as* China, calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, and to enhance defence production chains in Europe by localising or near-shoring production; ***recalls that any dependence on critical technologies may lead to increased risks of blackmail on the CFSP and CSDP;***

Or. en

Amendment 62

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 6

Draft opinion

6. Is concerned about the EU's dependence on China for raw materials and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, and to enhance defence production chains in Europe by

Amendment

6. Is concerned about the EU's dependence on ***individual third countries, such as*** China, for raw materials and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, ***to avoid the***

localising or near-shoring production;

emergence of new dependencies which risk weakening security of supply, and to enhance defence production chains in Europe by localising or near-shoring production;

Or. en

Amendment 63
Emmanuel Maurel

Draft opinion
Paragraph 6

Draft opinion

6. Is concerned about the EU's dependence on **China** for raw materials and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, and to enhance defence production chains in Europe by localising or near-shoring production;

Amendment

6. Is concerned about the EU's dependence on *third countries* for raw materials and *the supply of critical technologies*; calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials *or suppliers acting against the EU's strategic interests*, and to enhance defence production chains in Europe by localising or near-shoring production;

Or. fr

Amendment 64
Thierry Mariani, Jean-Lin Lacapelle

Draft opinion
Paragraph 6

Draft opinion

6. Is concerned about the EU's dependence on China for raw materials and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, and to enhance defence production chains in Europe by localising or near-shoring production;

Amendment

6. Is concerned about the EU's dependence on China *and the United States* for raw materials *and weapons* and calls on Member States to reduce their vulnerabilities resulting from dependence on non-democratic suppliers of critical technologies and materials, and to enhance defence production chains in Europe by

localising or near-shoring production;

Or. fr

Amendment 65
Arnaud Danjean

Draft opinion
Paragraph 6

Draft opinion

6. Is concerned about the EU's dependence on China for raw materials and calls on Member States to reduce their vulnerabilities resulting from dependence on ***non-democratic*** suppliers of critical technologies and materials, and to enhance defence production chains in Europe by localising or near-shoring production;

Amendment

6. Is concerned about the EU's ***multiple*** dependence, ***like the important one*** on China for raw materials, and calls on Member States to reduce their vulnerabilities resulting from ***excessive*** dependence on suppliers of critical technologies and materials, and to enhance defence production chains in Europe by localising or near-shoring production;

Or. en

Amendment 66
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 7

Draft opinion

7. ***Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly***

Amendment

deleted

with our strategic partners in NATO and included in a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Or. en

Amendment 67

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 7

Draft opinion

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO and ***included in*** a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Amendment

7. Expresses its support for the Observatory of Critical Technologies; calls ***on Member States to commit and strengthen collaboration within the framework of the Observatory and*** for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; ***recognises that the Observatory deals with highly sensitive and classified information; calls, in this regard, for setting up safeguards and building trust among stakeholders with a view to enabling the sharing of information and appropriate handling of data;*** calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; ***urges the EU to take an active role in international cooperation forums in order to accelerate the diversification of production chains;*** considers that these efforts should be made jointly with our strategic partners, ***such as those*** in NATO and ***within the framework of*** a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and

ensure alternative sources;

Or. en

Amendment 68

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 7

Draft opinion

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO and included in a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Amendment

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO and included in a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources; ***notes the central position of the semiconductor industry in the area of defence and is concerned about extra-territorial export control attempts against European semiconductor companies; recommends the use of the European Blocking Statute and the upcoming European Anti-Coercion instrument to mitigate such efforts;***

Or. en

Amendment 69

Nathalie Loiseau, Dragoș Tudorache, Javier Nart, Klemen Grošelj

Draft opinion
Paragraph 7

Draft opinion

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO and included in a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Amendment

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO, ***when necessary***, and included in a Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources; ***recalls the need to screen any foreign direct investment in European companies in defence-related emerging technologies to avoid economic dependence and limit the risk of espionage and sabotage on EU critical infrastructure downstream;***

Or. en

Amendment 70
Emmanuel Maurel

Draft opinion
Paragraph 7

Draft opinion

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced;

Amendment

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced;

calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in *NATO and included in a Trade and Technology Council (TTC) working group in* order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Or. fr

Amendment 71
David McAllister

Draft opinion
Paragraph 7

Draft opinion

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO and included in *a* Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Amendment

7. Expresses its support for the Observatory of Critical Technologies; calls for it to be further developed and for its analysis capabilities, including on reducing strategic dependencies, to be enhanced; calls on the Commission to implement a project to continuously map the need for critical materials, evaluate the EU's strategic dependencies, monitor supply and demand and changes in the behaviour or strategy of competitors, and engage in foresight exercises to predict new needs in critical materials; considers that these efforts should be made jointly with our strategic partners in NATO and included in *the working group on "secure supply chains" of the* Trade and Technology Council (TTC) working group in order to coordinate diplomatic efforts to secure supplies and ensure alternative sources;

Or. en

Amendment 72
Emmanuel Maurel

Draft opinion
Paragraph 8

Draft opinion

Amendment

8. *Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;* **deleted**

Or. fr

Amendment 73
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 8

Draft opinion

Amendment

8. *Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;* **deleted**

Or. en

Amendment 74
Arnaud Danjean

Draft opinion
Paragraph 8

8. Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;

deleted

Or. en

Amendment 75

Fabio Massimo Castaldo

Draft opinion

Paragraph 8

8. Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;

8. Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes; ***calls for the inclusion of bilateral or mini-lateral projects for the development of defence capabilities of strategic relevance into the frameworks already provided by the Union (i.e. the European Defence Fund) and for the expansion of these consortia to other Member States that are willing and capable to contribute; emphasises the need to further harmonise synergies, including in terms of legislative framework, between the various European R&I and development programmes, with the aim of supporting the development of critical technologies in Europe, also considering their potential dual-use applications;***

Or. en

Amendment 76

Thierry Mariani, Jean-Lin Lacapelle

Draft opinion

Paragraph 8

Draft opinion

8. ***Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;***

Amendment

8. ***Is concerned that the interoperability of military equipment between NATO, the EU and their allies is de facto causing a major dependence on US armaments, leading to an unacceptable loss of sovereignty for the Member States;***

Or. fr

Amendment 77

David McAllister

Draft opinion

Paragraph 8

Draft opinion

8. ***Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;***

Amendment

8. ***Recalls that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes; and highlights in this context the importance of standard-setting which is critical for military and strategic interoperability amongst EU Member States as well as between the EU and its like-minded partners such as NATO;***

Or. en

Amendment 78

Nathalie Loiseau, Javier Nart, Klemen Grošelj

Draft opinion

Paragraph 8

Draft opinion

8. Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, ***given that the risk of fragmentation is exacerbated by different national requirements and national public spending and investment and procurement schemes;***

Amendment

8. Calls for military and strategic interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, ***without the EU at risk of any strategic dependency;***

Or. en

Amendment 79

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 8

Draft opinion

8. Calls for military ***and strategic*** interoperability between the EU and like-minded partners and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending ***and*** investment and procurement schemes;

Amendment

8. Calls for military interoperability ***and strategic alignment*** between the EU and like-minded partners ***as well as with the United States*** and NATO, and among Member States, to be ensured, given that the risk of fragmentation is exacerbated by different national requirements and national public spending, investment and procurement schemes;

Or. en

Amendment 80

Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion

Paragraph 8 a (new)

Draft opinion

Amendment

8 a. Underlines the strategic importance of the partnership with the

*United States and the need to further
deepen mutually beneficial cooperation in
security and defence;*

Or. en

Amendment 81

**Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula,
Juozas Olekas**

Draft opinion

Paragraph 8 b (new)

Draft opinion

Amendment

8 b. *Underlines the importance of a strong transatlantic bond as reflected in the EU Strategic Compass and in the NATO Strategic Concept; welcomes the signing of the Joint Declaration on EU-NATO Cooperation on 9 January 2023; calls on the EU and NATO to maintain global technological leadership in military capabilities; welcomes the commitment of the Commission and High Representative to explore possibilities for mutually beneficial cooperation on initiatives in the field of critical technologies;*

Or. en

Amendment 82

**Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula,
Juozas Olekas**

Draft opinion

Paragraph 8 c (new)

Draft opinion

Amendment

8 c. *Considers that the EU is well placed to promote responsible activities as well as good governance and technologies globally, including through its partnerships; urges the Commission and Member States to take global leadership*

in developing standards that reflect and promote the Union's interests and values;

Or. en

Amendment 83
Arnaud Danjean

Draft opinion
Paragraph 9

Draft opinion

Amendment

9. *Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;* ***deleted***

Or. en

Amendment 84
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 9

Draft opinion

Amendment

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for

9. *Emphasises the need to secure and protect critical European infrastructure and ensure sufficient monitoring and surveillance;* calls on the Commission to work on a plan and investment scheme *in cooperation with Member States* to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age,

advanced drones;

including by adapting it to AI-assisted drone supervision and maintenance *and in line with the new Directive on the resilience of critical infrastructure (CER Directive) and the Revised Directive on security of network and information systems (NIS2 Directive)*; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Or. en

Amendment 85
Fabio Massimo Castaldo

Draft opinion
Paragraph 9

Draft opinion

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Amendment

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure, *maritime and underwater infrastructures* (undersea cables, *energy pipelines, offshore wind farms, among others*), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Or. en

Amendment 86
Klemen Grošelj, Nathalie Loiseau, Christophe Grudler, Javier Nart, Petras Auštrevičius

Draft opinion
Paragraph 9

Draft opinion

Amendment

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

9. Calls on the Commission to work on a plan and investment scheme to update ***and strengthen the resilience of*** critical infrastructure, such as nuclear power plants, electricity grids, ***water and food supply*** and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Or. en

Amendment 87
Emmanuel Maurel

Draft opinion
Paragraph 9

Draft opinion

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Amendment

9. Calls on the Commission to work on a plan and investment scheme to ***autonomously*** update critical infrastructure, such as nuclear power plants, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Or. fr

Amendment 88
Markéta Gregorová
on behalf of the Verts/ALE Group

Draft opinion
Paragraph 9

Draft opinion

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as ***nuclear power plants***, electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Amendment

9. Calls on the Commission to work on a plan and investment scheme to update critical infrastructure, such as electricity grids and telecommunications infrastructure (undersea cables), for the digital age, including by adapting it to AI-assisted drone supervision and maintenance; subsequently calls for the elaboration of an EU R&D and manufacturing strategy for advanced drones;

Or. en

Amendment 89
Tom Vandenkendelaere

Draft opinion
Paragraph 9 a (new)

Draft opinion

Amendment

9 a. Stresses the importance of specifically focusing on the protection of undersea infrastructure; calls on the Commission and Member States to entirely fulfill their commitment, as made explicit in the EU Strategic Compass, to enhance the EU's capacity to collect, provide and share accurate information with a view to protecting our maritime interests and critical maritime infrastructure, including on our seabeds, and to develop joint operational, capability and technological solutions, including by making best use of the framework of Permanent Structured Cooperation;

Or. en

Amendment 90
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 9 a (new)

Draft opinion

Amendment

9 a. *Calls for measures to mitigate risks for companies that produce critical technologies and face acquisition by entities established in third countries; urges Member States to put in place national screening mechanisms for foreign direct investment (FDI) with potential implications for security;*

Or. en

Amendment 91
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 9 b (new)

Draft opinion

Amendment

9 b. *Reiterates its call on the Commission to develop a stronger regulatory framework to the FDI Screening Regulation, including provisions on monitoring and review of takeovers of companies in sectors vital for security and defence technologies by entities under direct or indirect control of non-partner third countries;*

Or. en

Amendment 92
Arnaud Danjean

Draft opinion
Paragraph 10

Draft opinion

Amendment

10. Calls on the Commission and Member States to develop capabilities for testing and inspecting complex defence equipment, including by means of AI-assisted technology, to identify vulnerabilities stemming from components produced in non-EU countries;

deleted

Or. en

Amendment 93
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 10

Draft opinion

Amendment

10. Calls on the Commission and Member States to develop capabilities for testing and inspecting complex defence equipment, including by means of AI-assisted technology, to identify vulnerabilities stemming from components produced in non-EU countries;

deleted

Or. en

Amendment 94
David McAllister

Draft opinion
Paragraph 10

Draft opinion

Amendment

10. Calls on the Commission and Member States to develop capabilities for testing **and inspecting** complex defence equipment, including by means of AI-assisted technology, to identify vulnerabilities stemming from components produced in non-EU countries;

10. Calls on the Commission and Member States to develop capabilities for testing, **evaluating, validating and verifying** complex defence equipment, including by means of AI-assisted technology, to identify vulnerabilities stemming from components produced in non-EU countries; **and stresses that such**

efforts should be synergistic with the Testing Evaluation Validation and Verification regime called for in the Artificial Intelligence (AI) Strategy of NATO;

Or. en

Amendment 95
Emmanuel Maurel

Draft opinion
Paragraph 11

Draft opinion

Amendment

11. Urges the Commission and Member States to strengthen cooperation between the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

deleted

Or. fr

Amendment 96
Mick Wallace, Özlem Demirel, Clare Daly

Draft opinion
Paragraph 11

Draft opinion

Amendment

11. Urges the Commission and Member States to strengthen cooperation between the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

deleted

Or. en

Amendment 97
Tom Vandenkendelaere

Draft opinion
Paragraph 11

Draft opinion

11. Urges the Commission and Member States to strengthen cooperation between the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

Amendment

11. Urges the Commission and Member States to strengthen cooperation between the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies;
welcomes the initiative, as announced on 11 January 2023 by NATO Secretary General Jens Stoltenberg and the Commission's President Ursula von der Leyen, to create a NATO/EU taskforce on resilience and critical infrastructure, aimed at making our critical infrastructure, technology and supply chains more resilient to potential hybrid threats, in particular from Russia;

Or. en

Amendment 98
David McAllister

Draft opinion
Paragraph 11

Draft opinion

11. Urges the Commission and Member States to strengthen cooperation between the ***EDA's defence innovation hub*** and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

Amendment

11. Urges the Commission and Member States to strengthen cooperation between the ***European Innovation Council, the European Defence Fund and the European Investment Fund on the one hand*** and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) ***on the other hand*** by supporting joint projects, joint research and joint

investment in cutting-edge defence technologies;

Or. en

Amendment 99
Arnaud Danjean

Draft opinion
Paragraph 11

Draft opinion

11. Urges the Commission and Member States to strengthen cooperation between the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

Amendment

11. Urges the Commission and Member States to strengthen cooperation between the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies ***taking into account the autonomy of decisions of both organisations;***

Or. en

Amendment 100
Eero Heinäluoma, Sven Mikser, Attila Ara-Kovács, Pedro Marques, Tonino Picula, Juozas Olekas

Draft opinion
Paragraph 11

Draft opinion

11. Urges the Commission and Member States to strengthen cooperation ***between*** the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

Amendment

11. Urges the Commission and Member States to strengthen cooperation ***among the European Union's Defence Innovation Scheme (EUDIS)***, the EDA's defence innovation hub and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies;

Amendment 101
Fabio Massimo Castaldo

Draft opinion
Paragraph 11

Draft opinion

11. Urges the Commission and Member States to strengthen cooperation between the **EDA's** defence innovation **hub** and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies.

Amendment

11. Urges the Commission and Member States to strengthen cooperation between the **Hub for EU** Defence Innovation (**HEDI**) and NATO's Defence Innovation Accelerator for the North Atlantic (DIANA) by supporting joint projects, joint research and joint investment in cutting-edge defence technologies;

Amendment 102
Fabio Massimo Castaldo

Draft opinion
Paragraph 11 a (new)

Draft opinion

Amendment

11 a. In view of the revision of the Multiannual Financial Framework and the European Defence Fund budget, currently insufficient to meet the abovementioned EU's defence ambitions, future financial allocations should be based on the outcome of the defence investment gap analysis in order to serve the purposes of developing the most needed defence capabilities, foster cooperation in the defence sector, increase the competitiveness of the EDITB, and make better use of taxpayers's money;

Amendment 103
Markéta Gregorová
on behalf of the Verts/ALE Group

Draft opinion
Paragraph 11 a (new)

Draft opinion

Amendment

11 a. Notes the deteriorating state of multilateral export control regimes and their decreasing ability to enforce and regulate the flow and dissemination of critical technology; calls on Member States to activate the full potential of the European Dual Use regulation and enforce the export control of critical technology;

Or. en

Amendment 104
Željana Zovko

Draft opinion
Paragraph 11 a (new)

Draft opinion

Amendment

11 a. Points to the EU's global approach on research and innovation and encourages enhanced strategic partnerships with like-minded partners such as the US, Canada, Australia, Japan or South Korea;

Or. en

Amendment 105
Željana Zovko

Draft opinion
Paragraph 11 b (new)

Draft opinion

Amendment

11 b. *Expresses concern about the ownership of critical infrastructure inside the EU by strategic competitors, such as China, and calls for a more stricter investments screening of foreign direct investments which must be in line with the threats and challenges identified in the Strategic Compass;*

Or. en

Amendment 106

Markéta Gregorová

on behalf of the Verts/ALE Group

Draft opinion

Paragraph 11 b (new)

Draft opinion

Amendment

11 b. *Is concerned about the rapid progress in the fields of gene-editing and bioengineering and their destabilising impact on the future production and proliferation of biological weapons of mass destruction;*

Or. en

Amendment 107

Željana Zovko

Draft opinion

Paragraph 11 c (new)

Draft opinion

Amendment

11 c. *Strongly welcomes the progress reached via the EU-U.S. Trade and Technology Council (TTC) since 2021 and reconfirms that the EU-US partnership is the best way forward to ensure our common security as well as economic prosperity;*

