



Explanatory meeting on Chapter 20 — Industry and enterprise policy —

Transindustrial Linkages

Action Plan on synergies between civil, defence and space industries

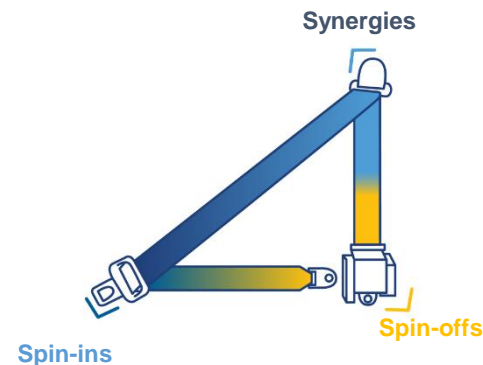
DG DEFIS UNIT A1

Context

- **2019:** Mission letters of the President to Executive Vice-President Vestager and Commissioner Breton
 - ‘ensure cross-fertilisation between **civil, defence and space** industries’
 - ‘focus on improving the crucial link between **space and defence and security**’
- **2020:** ‘New Industrial Strategy for Europe’, heading ‘Reinforcing Europe’s **industrial and strategic autonomy**’
 - ‘By seeking synergies between civil, space and defence industries in EU programmes, the EU will make more effective use of resources and technologies and create economies of scale’
- **2021:** ‘Action Plan on synergies between civil, space and defence industries’
 - Presented by **President von der Leyen at the special European Council**, on 26.02.2021

The three headline objectives

- enhancing complementarity between relevant EU programmes and instruments to increase efficiency of investments and effectiveness of results (the '*synergies*');
- promoting that EU funding for research and development, including on defence and space, has economic and technological dividends for EU citizens (the '*spin-offs*');
- facilitating the use of civil industry research achievements and civil-driven innovation in European defence cooperation projects (the '*spin-ins*').



These slides accompany the explanation of the acquis to Albania and North Macedonia and can only be used for that purpose. Their content is subject to further development of the acquis and interpretation by the Court of Justice of the European Union.

Eleven actions



1: Capability driven approaches across security sectors



2: Synergies between EU financing instruments



3: Start-ups, Small & Medium Enterprises, Research & Technology Organisations



4: Observatory of Critical Technologies and Technology Roadmaps



5. Hybrid standards



6. Dual use innovation incubator and cross-border defence innovation networks



7. Cybersecurity Competence Centre, cybersecurity and cyber defence



8. Disruptive technologies



9. Drone technologies



10. EU space-based global communications system



11. Space Traffic Management

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Achievements so far

Policies:

- Communication ‘[Roadmap on critical technologies](#) for security and defence’, February 2022.
- Proposal for a regulation for the ‘Union [Secure Connectivity](#) programme for the period 2023-2027’, February 2022.
- Joint Communication ‘An EU approach for [space traffic management](#)’, February 2022.
- EU [Defence innovation scheme](#), May 2022.

Civil-defence ‘spin-in’ R&D projects (supported by the European Defence Fund and precursor programmes):

- Transfer of an existing civilian 3D swarm simulator to the real world, implemented on fixed wing [drones](#).
- Development of a standardised [Galileo/GPS navigation receiver](#) for defence use.
- Design of [small optical satellites](#), able to provide real-time surveillance for defence operations that require continuous tracking of thousands of km of coastline and monitoring of critical maritime infrastructure.
- Design of a [5G](#) based communication system that will allow new functionalities in defence platforms.

Recent Achievementscont.

- November 2022:
 - Joint communication on a ‘[cyber defence strategy](#)’.
 - Communication ‘[EU Drone Strategy 2.0](#)’.
 - Joint Communication ‘new Action Plan on [military mobility](#)’.
 - First 2-year [progress report](#), implementation of the Synergies Action Plan, Nov 2022.

COMING UP

- 2023:
 - Joint Communication for an EU [space strategy for security and defence](#).
 - First report of the ‘Observatory of Critical Technologies’.
 - [Coordinated calls among EU instruments and EIB loans](#) to support critical technologies and industrial capacities by developing strategic projects.
 - Preparatory work for possible amendments to the framework for [dual-use](#) research and innovation

Thank you

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