



KEY RESULTS OF THE PLENARY TABLE

“WINNING THE DEEP TECH CENTURY: EUROPE’S PATH TO INNOVATION”

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Europe stands at a pivotal moment as deep technological innovations reshape global economies. Despite housing 7 of the 10 most active countries in patent creation and 9 of the 12 top global research institutes, Europe is struggling to transform its scientific prowess into market-leading innovations and industries. The continent demonstrates unique strengths in science and research, yet challenges remain in scaling up and commercialising deep tech innovations.

Key findings highlight that deep tech holds massive market potential, projected to reach trillions globally by 2030. However, European startups often face funding gaps, particularly in transitioning from basic research to market-ready products. This hinders the continent’s ability to produce unicorns and global industry leaders. Moreover, complex regulatory frameworks that slow down the commercialization of innovations and fragmented innovation policies across nations further impede progress.

THE EXPERT PANEL ARTICULATES THE FOLLOWING CALLS TO ACTION:

Bridge the deep tech funding gap.

1 — Establish robust funding mechanisms to support the translation of scientific research into market-ready innovations. This includes addressing the ‘Valley of Death’ by providing financial support for early-stage development and scale-up financing to help startups become global industry leaders.

Align European innovation policies.

2 — Develop a common European strategy for innovation that leverages each country’s unique strengths and avoids duplication of efforts. By aligning policies and fostering smart specialisation, Europe can harness its full potential and compete effectively on the global stage.

Foster cross-sector collaboration.

3 — Break down silos between academia, industry, and government to create joint ecosystems that accelerate technological advancements. Encouraging partnerships and knowledge exchange can drive a full revolution in deep tech innovation.

Simplify regulations and reduce bureaucracy.

4 — Streamline complexity in innovation policies and regulatory frameworks to double the speed of bringing innovations to market. Simplifying processes can make Europe a more attractive environment for deep tech development and commercialisation.






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