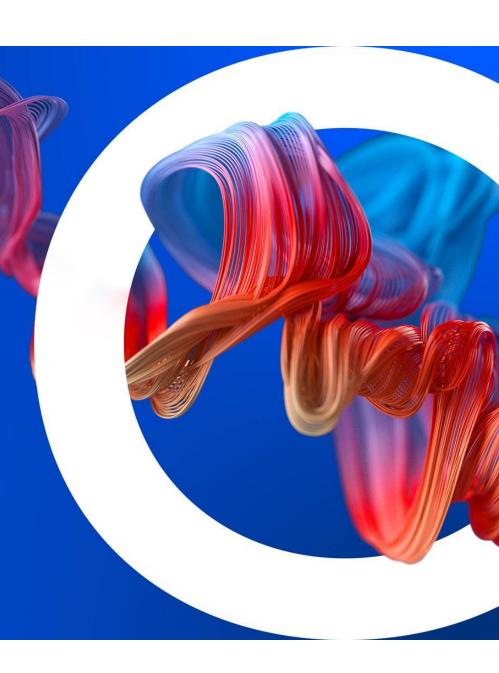
NOSIA

Boosting EU's competitiveness through innovation

May 22nd, 2024



Where we are today

Europe has fallen behind US and China in terms of innovation:
Out of 17 ICT, Al and quantum innovative technologies, China is
leading on 13 of them*.

 The EU has fallen behind in telecom network investments, putting innovation broadly at risk.

* The Australian Strategic Policy Institute's <u>technology_tracker</u>



What we need to do

- Foster investment in trusted telecom networks which underpin digital innovation, critical for Europe's competitiveness:
 - We need healthy telecom operators with sufficient scale able to invest more
 - We need a 'digital single market' for spectrum with faster allocation, more coordination among member states and better enforcement by the EU
 - We need to foster the usage of AI in telecom networks to drive network operations and energy efficiency as well as monetization
 - We need thoughtful financing and funding for telecom networks



What we need to do

- Advance and support European ICT R&I:
 - We need to improve European R&I funding mechanisms and processes
 - ➤ We need to specifically incentivize R&I for areas that will help Europe become a global leader in the industrial internet
 - ➤ We need to radically revisit the 'Standard Essential Patents' framework proposal ensuring Europe remains a global leader in the R&I for telecom technologies

