

The background features a vibrant blue gradient with abstract, flowing, multi-colored ribbons in shades of red, orange, and purple. A large white circle is positioned on the right side, framing a portion of these ribbons. The Nokia logo is located in the upper left corner.

NOKIA

# Boosting EU's competitiveness through innovation

May 22<sup>nd</sup>, 2024

# Where we are today

- Europe has fallen behind US and China in terms of innovation: Out of 17 ICT, AI 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 [technology tracker](#)

# 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