

PROPOSAL TOWARDS THE SPECIFIC PROGRAM



- The proposal is allocated to
 - Horizon Europe
 - · cluster "Digital, Industry and Space"
 - · area of Intervention "Next Generation Internet" as the center of gravity
 - with some links to other areas such as "Key Digital Technologies" and "Artificial Intelligence"
 - CEF Connected Europe Facility, sub-program on 5G deployments at major European transport routes

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VISION



- · Combination of digitalization, artificial intelligence and ubiquitous communication will change the world we live in
- · Support of grand challenges of
 - climate change
 - environmental and resource management
 - Mobility
 - aging population
 - increasing urbanization
 - digital inclusion and industrial competitiveness
- · Communication networks and services are a key enabler by bringing together artificial intelligence, big data, high-performance computing and cybersecurity
- In a world, where everything will be networked seamlessly with nearly infinite bandwidth, we need a flexible, affordable and sustainable communication network that can adapt and evolve
- Smart Networks and Services will be grounded on the idea of ensuring a human-centric digitalisation that is directly aligned with the social and ethical values Europe is promoting: openness, inclusion, security, trust, participation and privacy protection

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UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS TOWARDS 2030































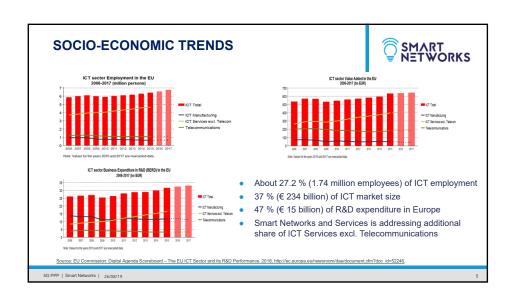






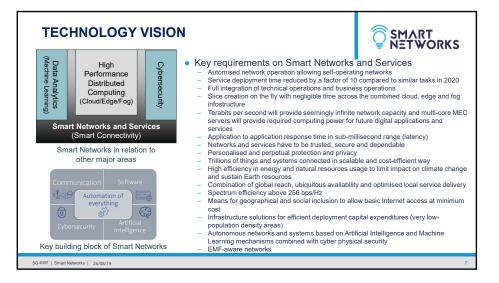


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5G PPP | Smart Networks | 26/08/19 (*) Cf. "EU Industrial Policy after Siemens-Alstom. Finding a new balance between openness and protection". European Political Strategy



EXTENDED SCOPE



- IoT elements, which are relevant for Smart Networks and Services
- Clouds for Smart Service provision
- Opportunities for components and devices
- · Objective to improve digital autonomy of Europe by providing an additional European offer

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