

IoT AND EDGE COMPUTING: FUTURE DIRECTIONS FOR EUROPE

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IoT: STRENGTH IN LIMITATION

IoT: CORE STRATEGY FOR EU

STRATEGIC PRIORITIES FOR EUROPE



- Compliant
 - Human-centric, inclusive, democratic not just safe
- Prosperous
 - Competitiveness not just economy
- Resilient
 - Digital-Green Twin not just divide and conquer

IoT: WHEN DIGITAL TAKES PLACE

100% Subnational government CHN expenditure as a percentage of GDP and general government 90% expenditure (2016) SNG expenditure as a % of general government expenditure 80% 70% DNK AUS CHE RUS 60% 0 VNM BEL NGA IDN ETH DEU 50% 00 KAZ 2019 Report KOR FIN World Observatory on 40% 0 **Subnational Government** PER **Finance and Investment** 0 ISL COL **Key findings** 30% FRA 20% 10% 0% SNGWOF 0% 5% 10% 40% 15% 20% 25% 30% 35%

Source: 2019 Report World Observatory on Subnational Government Finance and Investment https://www.oecd.org/regional/regional-policy/sngs-around-the-world.htm

SNG expenditure as a % of GDP

Living-in.EU High-Level Architecture

End-user End-user End-use Services/a End-user Service Services/app Services/app MIM5 Ecosystem Operations Marketplace enablers Security and MIM3 Northbound APIs and IoT/Data platform management privacy MIM2 Data storage and Data harmonisation processing MIM1 Southbound APIs MIM4 MIM0 Things (Data producer)

MIM5 Fair Al MIM3 Marketplace Enablers-OASC Catalogue, TM Forum APIs CERTIFA MIM4 Personal Data Management - MyData, IHAN, Solid, DTI/IRMA MIM2 Data Information Models - SAREF, EIRA. OASC/TM Forum MIM1 Context Information Management -ESTI NGSI-LD MIMO Sensor Register - SensRNet (NL)



EU HAS A HIGH BASELINE ON COMPLEXITY RESILIENCE COHESION

HOW TO MAKE THE BEST OF I(o) T?



THANK YOU FOR YOUR ATTENTION

