

20th INFOCOM WORLD CONFERENCE

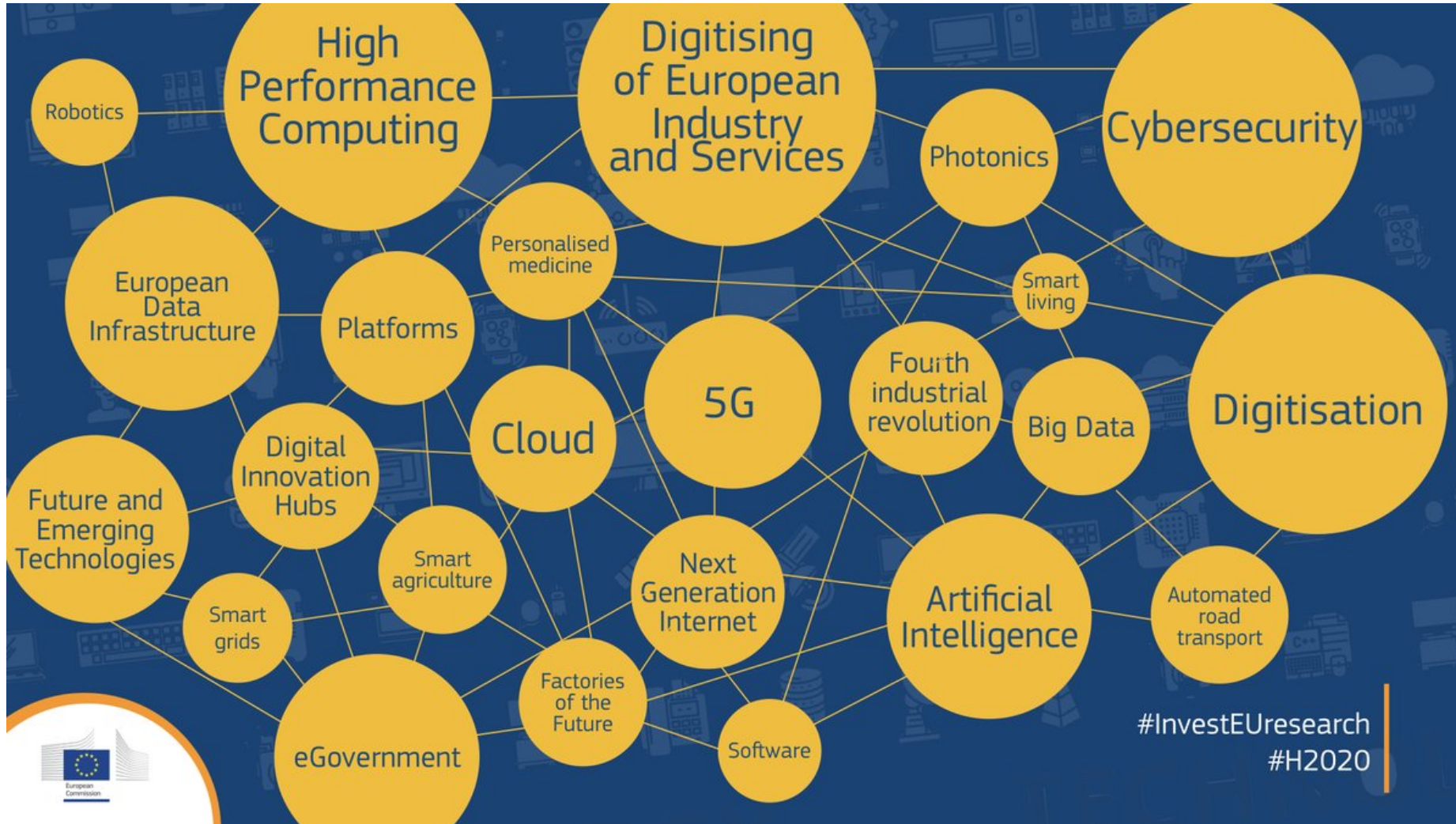
Wednesday, November 21st 2018
Athens, Greece

«New Horizons: The Techonomy of Gigabit Era!»

The 30 Technologies which will fuel the 4th Industrial Revolution over the next decade

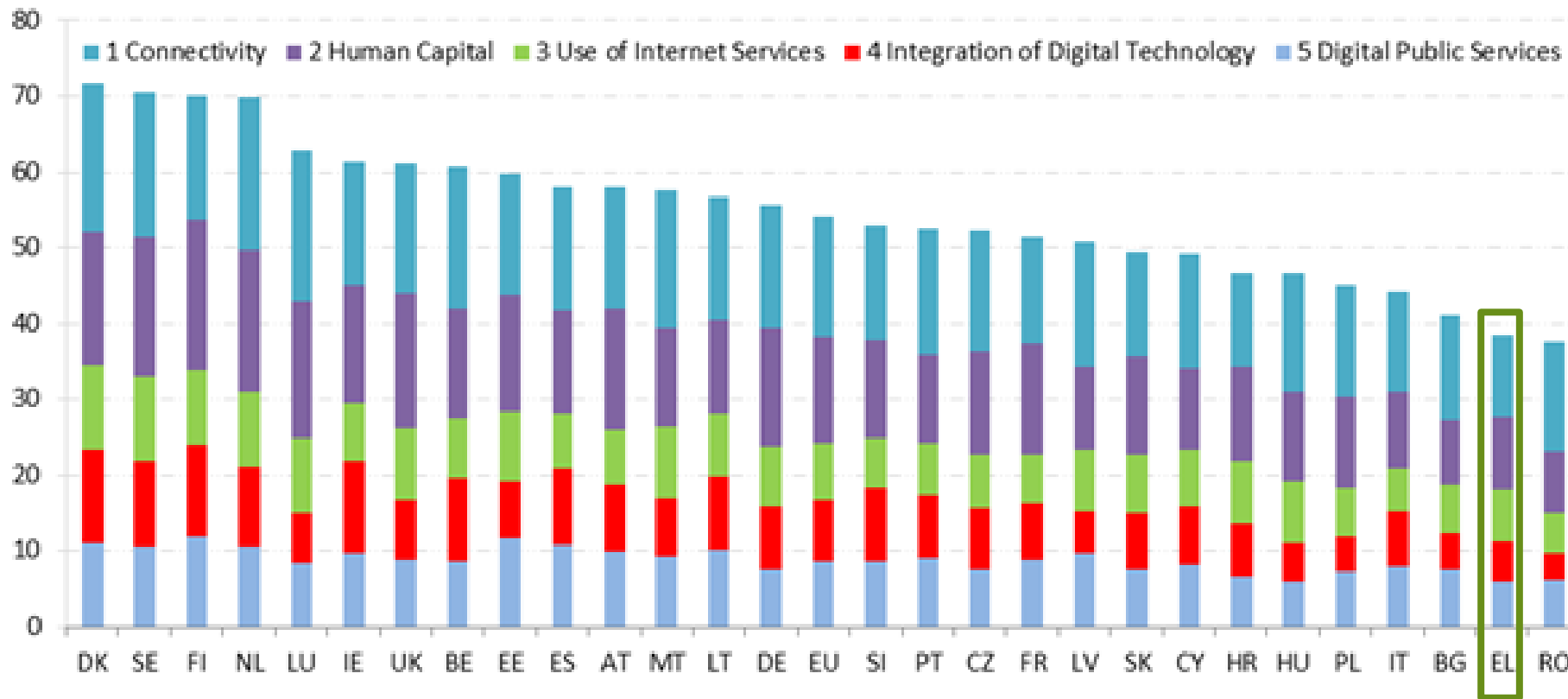
 <p>#1 Artificial Intelligence AI /Machine Learning / Deep Learning</p>	 <p>#2 Internet of Things IOT, IIOT, Sensors & Wearables</p>	 <p>#3 Mobile/Social Internet Advancements - Search/Social/Messaging/Livestreams</p>	 <p>#4 Blockchain Distributed Ledger Systems, Cryptocurrencies & DApps</p>	 <p>#5 Big Data Apps, Infrastructure, Technologies + Predictive Analytics</p>
 <p>#6 Automation Information, Task, Process, Machine, Decision & Action</p>	 <p>#7 Robots Cons./Comm./Indus., Robots, Drones & Autonomous Vehicles</p>	 <p>#8 Immersive Media - #VR/ #AR/ #MR/ 360°/ Video?Gaming</p>	 <p>#9 Mobile Technologies Infrastructure, networks, standards, services & devices</p>	 <p>#10 Cloud Computing SaaS, IaaS, PaaS & MESH Apps</p>
 <p>#11 3D Printing Additive Manufacturing & Rapid Prototyping</p>	 <p>#12 CX Customer Journey, Experience Commerce & Personalization</p>	 <p>#13 EnergyTech Efficiency, Energy Storage & Decentralized Grid</p>	 <p>#14 Cybersecurity Security, Intelligence Detection Remediation & Adaptation</p>	 <p>#15 Voice Assistants Interfaces, Chatbots & Natural Language Processing</p>
 <p>#16 Nanotechnology Computing, Medicine, Machines + Smart Dust</p>	 <p>#17 Collaborative Tech. Crowd, Sharing, Workplace & Open Source Platforms & Tools</p>	 <p>#18 Health Tech. Advanced Genomics, Bionics & Health Care Tech.</p>	 <p>#19 Human-Computer Interaction Facial/Gesture Recognition, Biometrics, Gaze Tracking</p>	 <p>#20 Geo-spatial Tech. GIS, GPS, Mapping & Remote Sensing, Scanning, Navigation</p>
 <p>#21 Advanced Materials Composites, Alloys, Polymers, Biomimicry, Nanomanufacturing</p>	 <p>#22 New Touch Interfaces Touch Screens, Haptics, 3D Touch, Paper, Feedback & Exoskeletons</p>	 <p>#23 Wireless Power</p>	 <p>#24 Clean Tech. Bio-/Enviro-Materials + Solutions, Sustainability, Treatment & Efficiency</p>	 <p>#25 Quantum Computing + Exascale Computing</p>
 <p>#26 Smart Cities + Infrastructure & Transport</p>	 <p>#27 Edge/Computing + Fog Computing</p>	 <p>#28 Faster, Better Internet Broadband incl. Fiber, 5G, Li-Fi, LPN and LoRa</p>	 <p>#29 Proximity Tech Beacons, RFID, Wi-Fi, Near-Field Communications & Geofencing</p>	 <p>#30 New Screens TVs, Digital Signage, OOH, MicroLEDs & Projections</p>

“Digital Europe” Plan - Investment areas



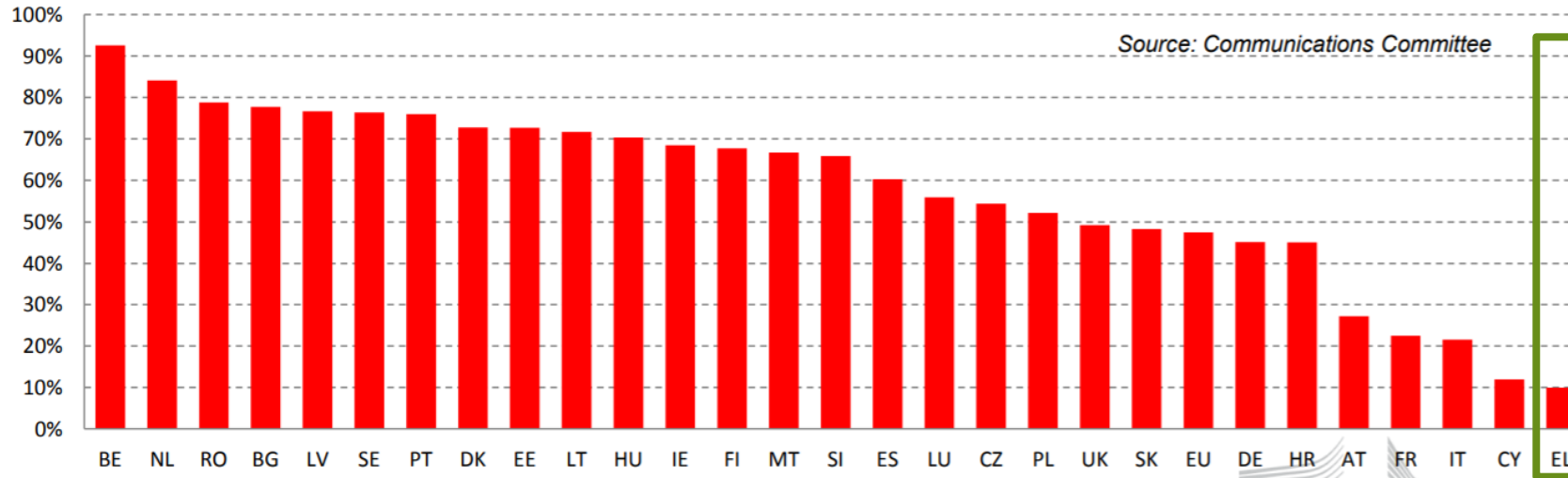
Digital Economy and Society Index (DESI) 2018: EU countries (and Greece)

Digital Economy and Society Index (DESI) 2018 ranking



DESI 2018 EU countries (and Greece)

NGA (FTTH, FTTB, VDSL, Cable Docsis 3.0 and other NGA) subscriptions as a % of total fixed broadband subscriptions, July 2017

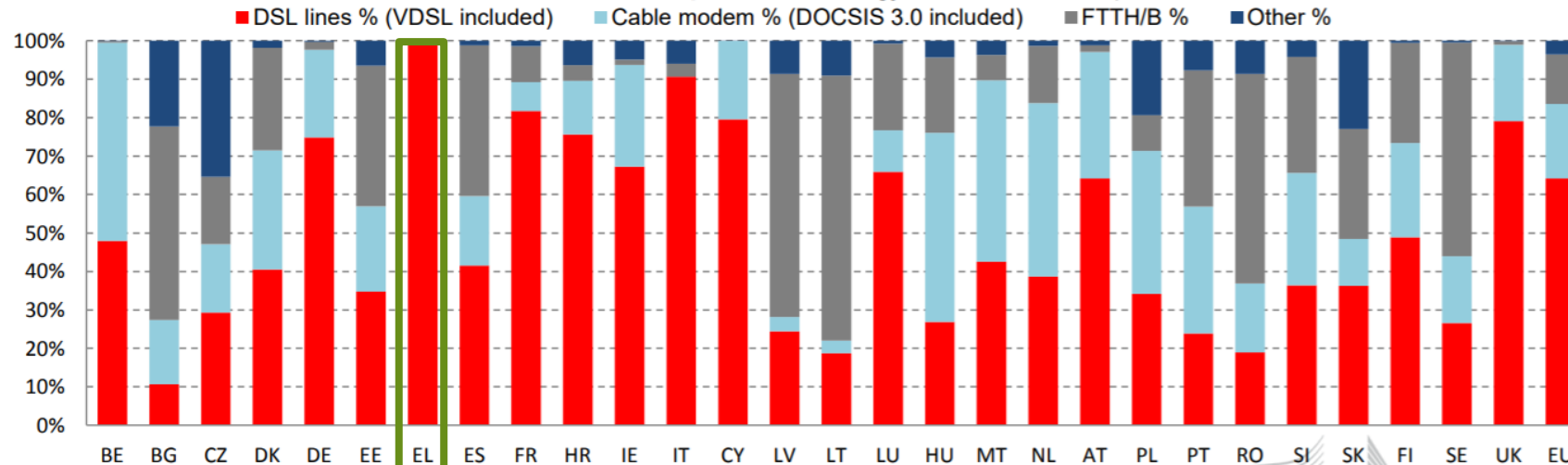


DESI Report 2018 – Connectivity

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Fixed broadband subscriptions - technology market shares, July 2017



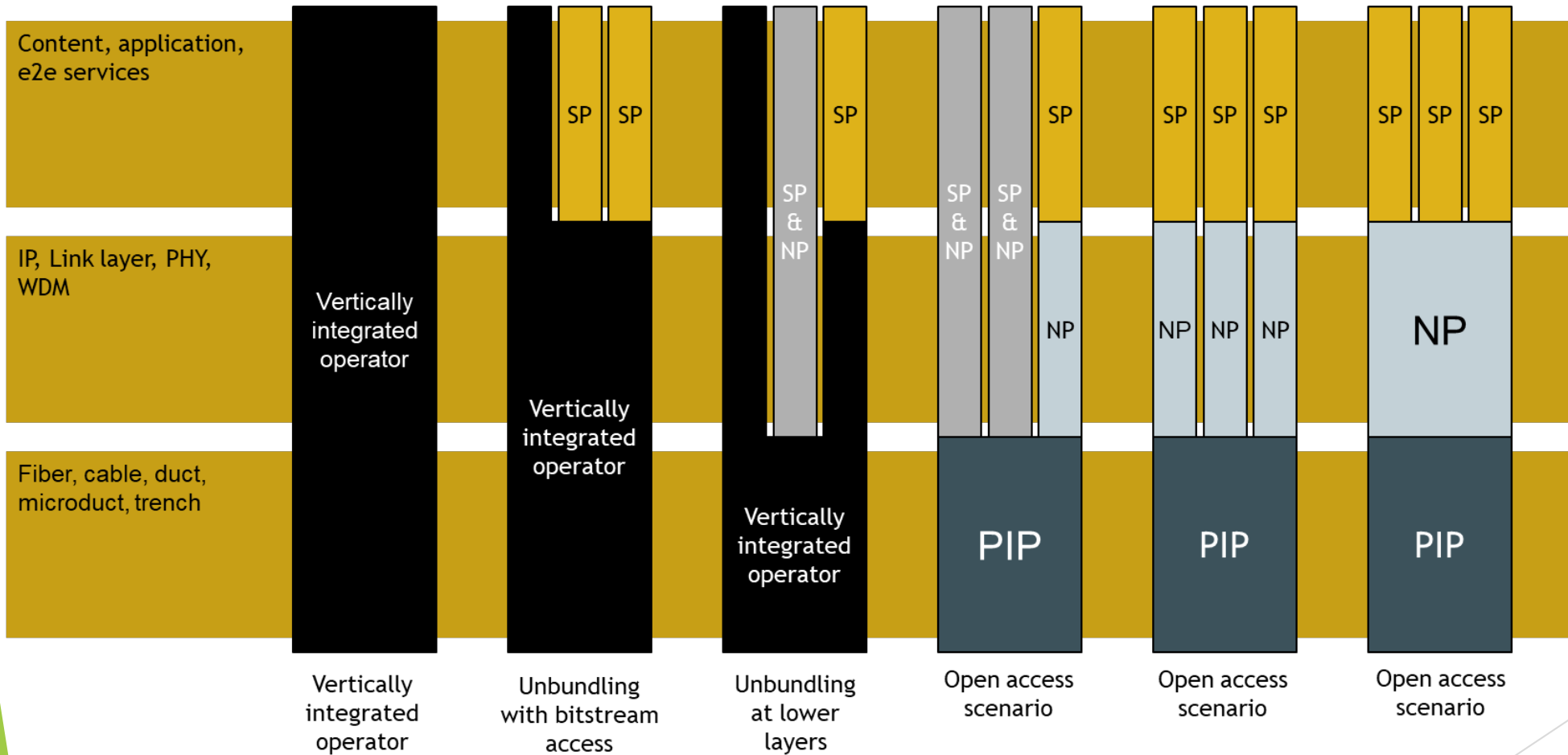
Source: Communications Committee

DESI Report 2018 – Connectivity

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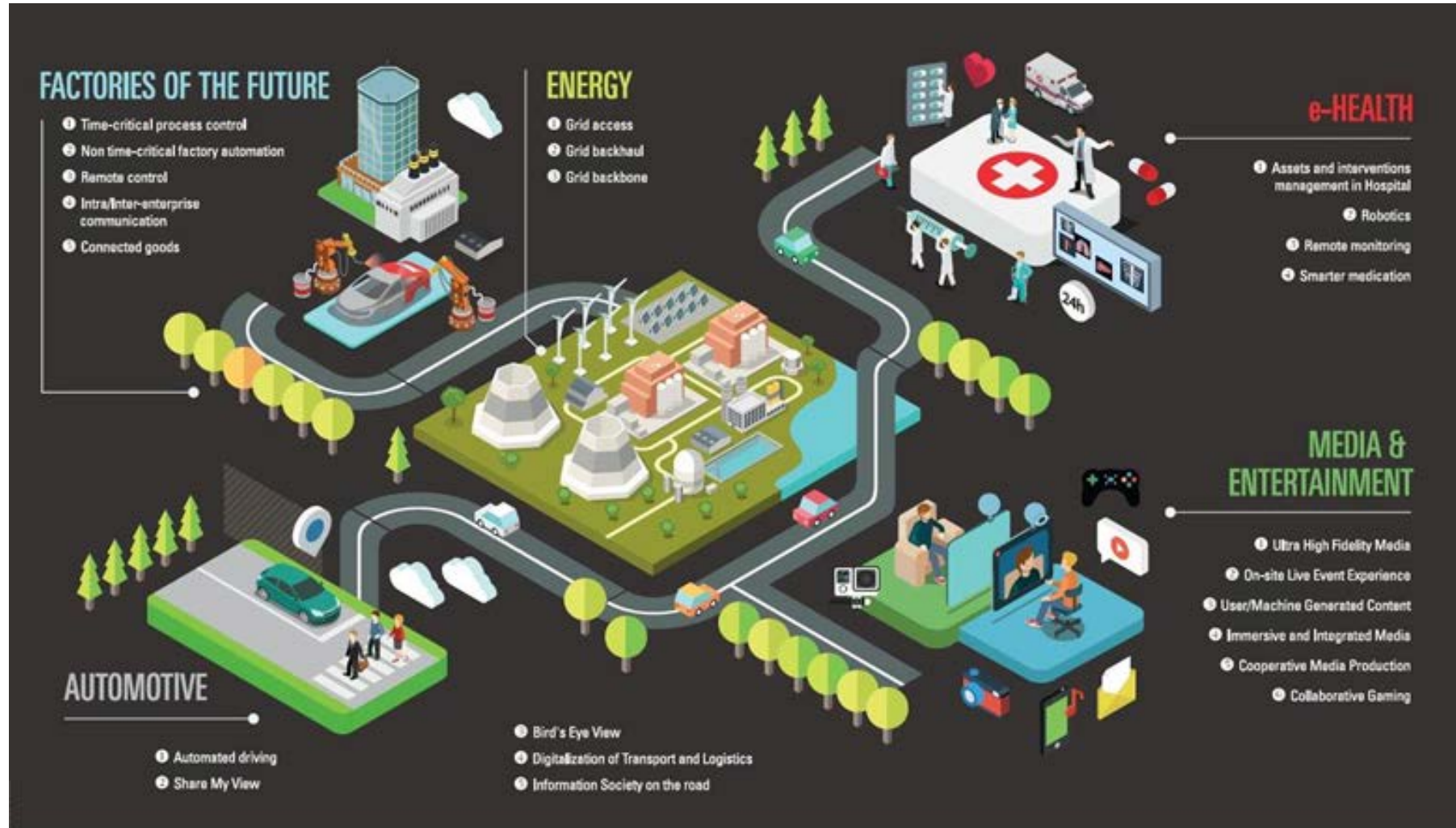


Business models for FTTx & 5G deployments



For 5G to become financially viable, proper policy decisions & regulations are needed, together with new sources for revenue streams and novel business models

“5G for Europe” Action Plan



How to engage other actors besides those in connectivity, media & entertainment?

Infocom World 2018

Session 1: “Techonomy: Vision, Value & Money”

- ▶ Main Topics to be presented/discussed
 - ▶ Vision about the evolution of emerging technologies
 - ▶ How can they create value for end-users and companies
 - ▶ How can they enable the digital transformation of the society while being of benefit for the economy

Session Chair: Ioannis Tomkos, NGA/5G Research Director, AIT

Session 1 - Speakers

- ▶ **Javier Garcia Gomez** (CTO Europe & Latin America, Ericsson)
 - ▶ «5G Innovation & business potential»
- ▶ **Sanjay Kamat** (Managing Partner, Bell Labs Consulting, Nokia)
 - ▶ «Networks at the nexus of new value creation»
- ▶ **Spiros Sakellariou** (Manager, Intracom Telecom)
 - ▶ «From Virtualization & Artificial Intelligence to 5G convergence»
- ▶ **Ilian Hafouzov** (Sales Director, Cisco Cloud Calling)
 - ▶ «Future of Calling and Collaboration»
- ▶ **Ioannis Mertzanis** (CEO, Space Hellas)
 - ▶ «The journey from Systems Integration to Digital Integration»
- ▶ **Artur Wachtel** (Deputy Director EU wireless PLM, Huawei)
 - ▶ «Value Generation with 5G»
- ▶ **Baruch Altman** (AVP, LiveU)
 - ▶ «5G Multilink for Connected Cars and Autonomous Driving»
- ▶ **Ioannis Neokosmidis** (CEO, inCITES Consulting)
 - ▶ «5G case study: Luxembourg's 5G Strategy»
- ▶ **Dimitris Kolokotronis** (CEO, FASMETRICS S.A.)
 - ▶ «Innovation importance on the economics of 4G and 5G high speed radio access networks»
- ▶ **Dimitris Kapetanakis** (Marketing & Sales Director, Sparkle)
 - ▶ «Data Centers and Cloud Services during 5G era in the Greek Market»

Session Chair: Ioannis Tomkos, NGA/5G Research Director, AIT

Thank you!

Dr. Ioannis Tomkos

itom@ait.gr

+30 6973 328 329