



Industrial IoT Driven by changing Industrial Value Chains

European Industrial Partnership For the Digital Age

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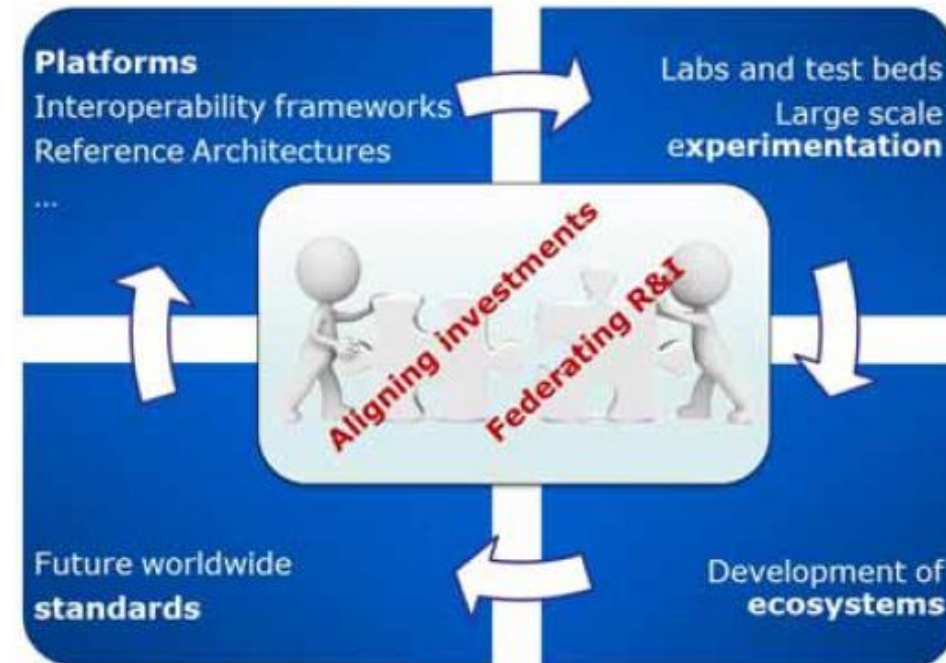
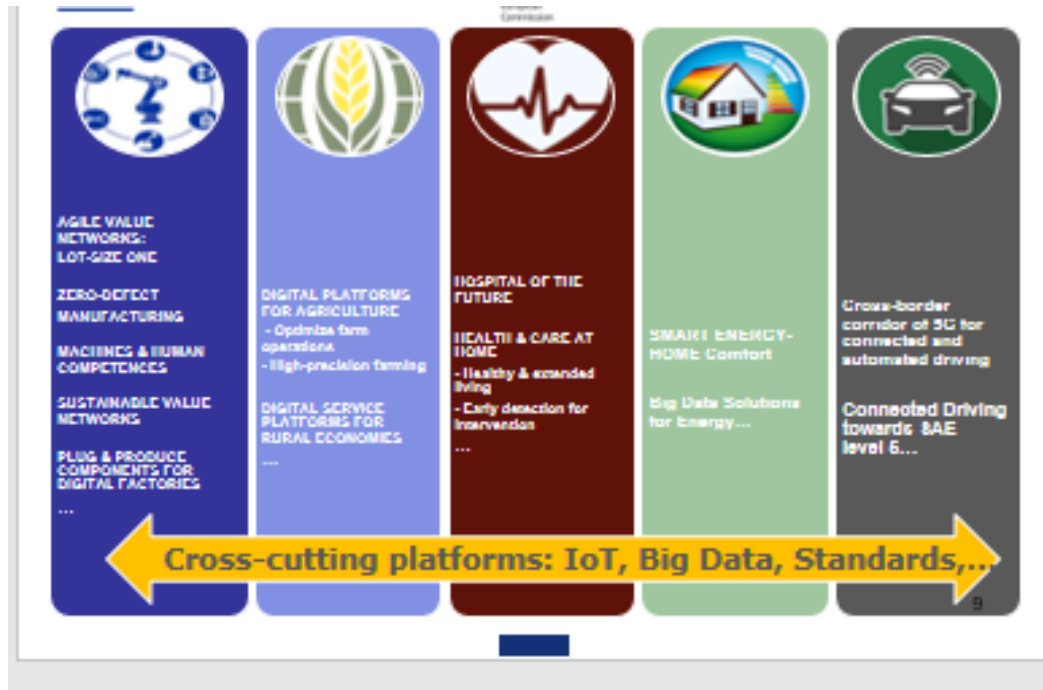
European Commission - DG CONNECT



- **Missions statement for the New Commission ,von der Leyen‘**
 - Strengthening Europe's **technological leadership and strategic autonomy**..
 - Supported by **DG GROW and DG CONNECT**
 - On enhancing **Europe's technological sovereignty**. investing in the next frontier of technologies,
 - blockchain, high-performance computing, algorithms, data-sharing, data-usage tools, 5G standards, ..
 - **to lead reflections on issues such as Europe's technological sovereignty in key value chains**,
 - including in the defense and space sectors, common standards and future trends.
- → A series of workshops to trigger reflections on **Strategic Value Chains on Industrial IoT** across different Partnerships, Industrial Stakeholders and Associations

- Dortmund Declaration on a striving platform economy:
 - **Digital Platforms are central to industrial transformation,**
→ new business models and markets
 - **Digital Sovereignty** is instrumental to enable platform economy
 - → *Avoid ,The Winner takes it All‘* → *Access to technology supply*
 - → *Platforms ,Made in Europe‘* --> *open to SMEs*
 - A performant **telecom network and service infrastructure**
→ instrumental for a platform economy
 - An **innovation-friendly regulatory framework,**
→ transparent rules for fair competition

• Focus Area on Digitisation & Transformation



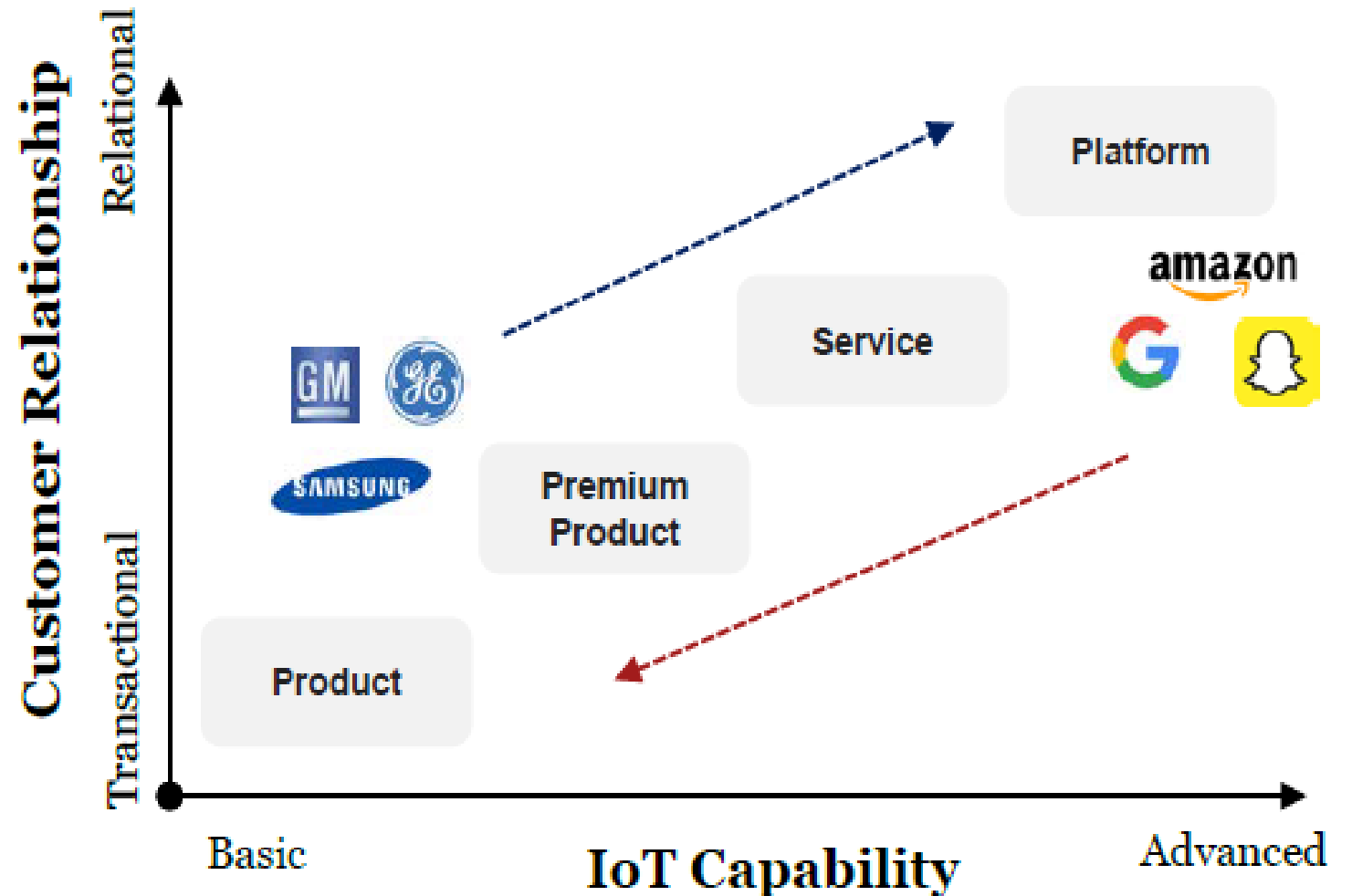
Horizon 2020 (300 M€ for 2018-20)

- Next generation platform building and piloting through large scale federating projects
- Common EU-wide strategies pooling resources

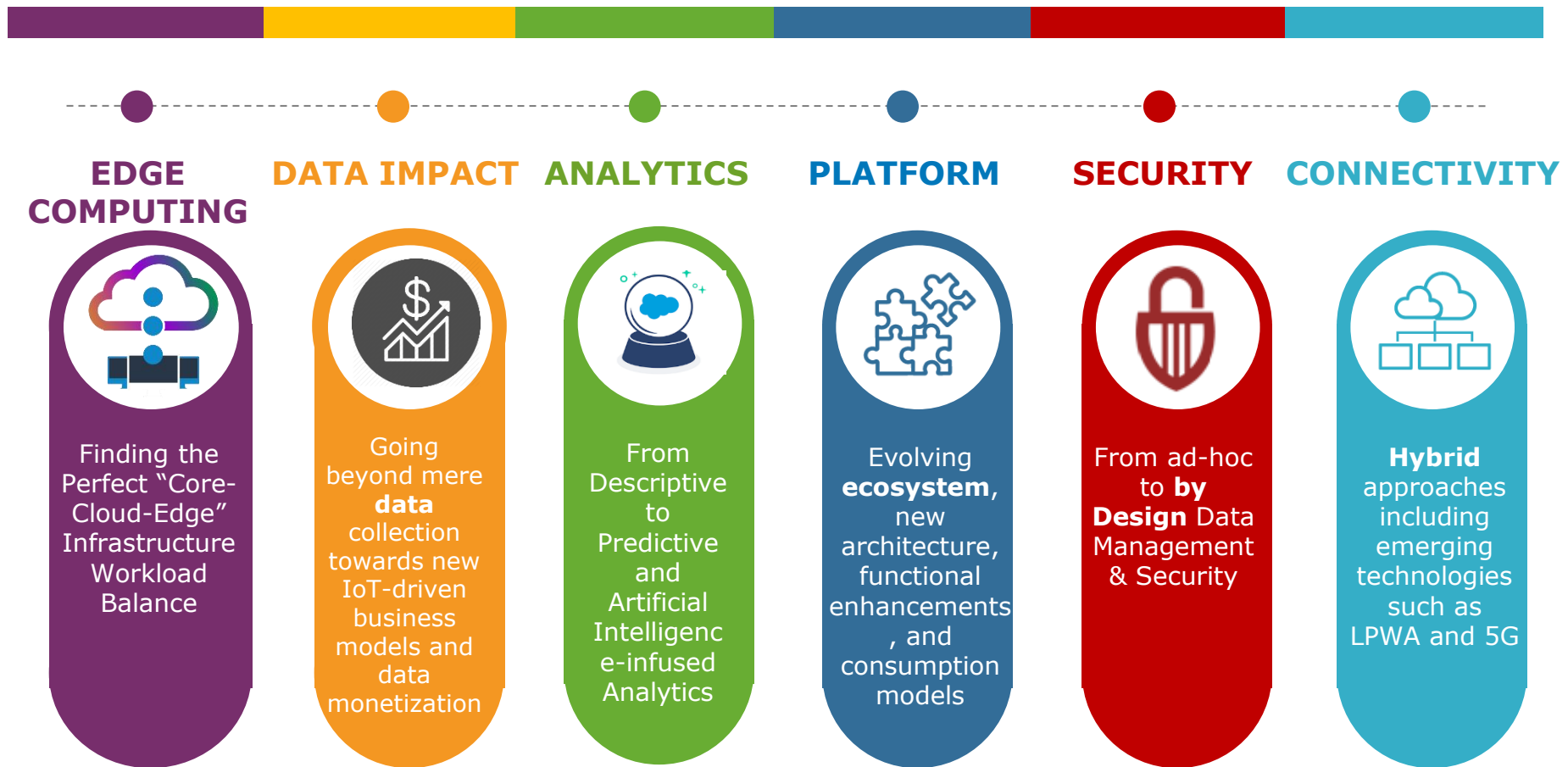
See

- <https://ec.europa.eu/digital-single-market/en/industrial-platforms-and-large-scale-pilots>

- Online Platforms dominated by non-EU players
- Digital Platforms enable economies of scale
- Products and services cutting across sectorial silos.
- **IoT + AI as enabler for Platform economy**
 - Platforms aggregate sensor data
 - AI drives learning and analytics



IIoT: Where are we heading at ?



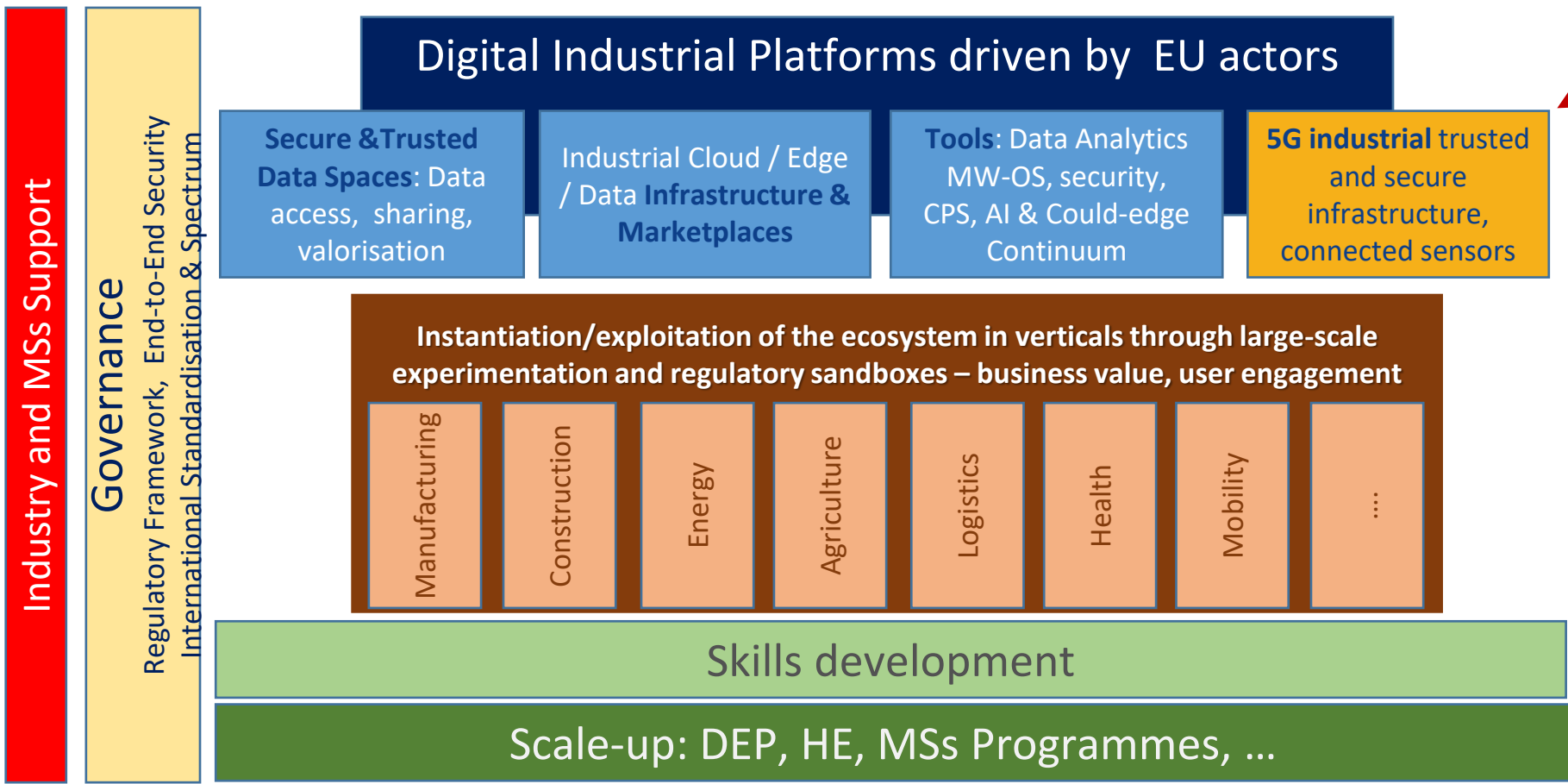
- ... **among the 5 myths of 5G****
- **Myth #3: 5G Is The Only Connectivity Technology Needed For Enterprise Verticals**
- **Myth #4: The 5G Supply Chain will remain Linear and Controlled By Established Telecom Players**
- **Myth #5: Telco Standardization** can extend its Reach to Enterprise Vertical Use Cases

→ A future Platform Strategy ???

? Lessons
learned
from IoT ?



Common European Industrial IoT and Data Ecosystem



SVC-IloT Workshop 16 May 2019, CNECT-A2 ML

- **???** Questions for the Workshop **???**
 - ? **Global Competition – Leadership of EU Actors**
 - ? **New Partnerships to drive global standards**
 - ? **Reflect on Changing Value chains...**
 - ? **Internet platforms, AI, 5G, cloud,..**
 - ? **What Use cases to support a revised Industrial Policy ?**
 - ? **Catalysing investments in 5G/IoT/cloud Infrastructures**
 - ? **Need of Public Intervention in Key Areas**
 - ? **Role of industry and public support**

Background & Useful links:

- **Digitising European Industry Strategy (DEI):**
<https://ec.europa.eu/digital-single-market/en/digitising-european-industry> → FUTURIUM
- **Supporting and Building Platforms under DEI**
- <https://ec.europa.eu/digital-single-market/en/industrial-platforms-and-large-scale-pilots>
- European Commission's [Strategy on Key Strategic Value Chains](#), Apr. 2019
 - [Conclusions on a EU Industrial Policy Strategy, A vision for 2030](#)
- **Stakeholder Forum 2019 on 13-15th Nov. 2019 in Madrid**
 - [“Artificial Intelligence and Digital Innovation Hubs for the European industry”](#)