

# **Policies to Support Open Data Marketplaces**

## **European Industrial Partnership For the Digital Age**



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European Commission - DG CONNECT

- **Missions statement for the New Commission**

- 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.

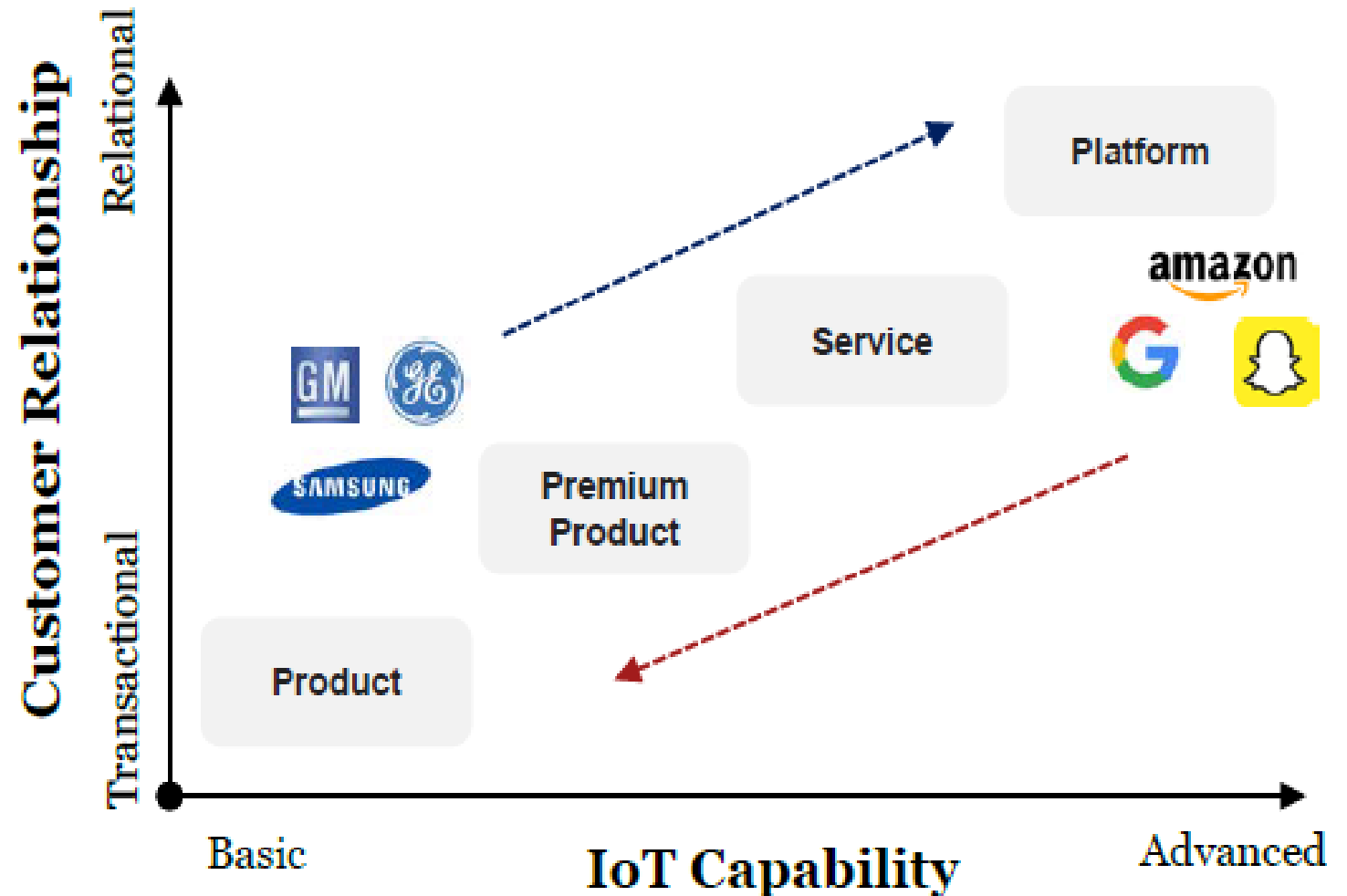


President Ursula von  
der Leyen

- → A series of workshops to trigger reflections on **Strategic Value Chains on Industrial IoT** across different Partnerships, Industrial Stakeholders and Associations
- → Report: <https://ec.europa.eu/docsroom/documents/37824>

# Value Chains: Economics of Data Platforms

- Online Platforms dominated by non-EU players
- **Digital Marketplaces** 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



## EU Coordinated Plan: harnessing excellence



Networks of European AI research excellence centres



World-reference testing facilities



Fostering AI take-up through Digital Innovation Hubs



Attracting talent and stimulating life-long learning



A European Data Space

## €2.5 billion for Artificial Intelligence

EC Proposal



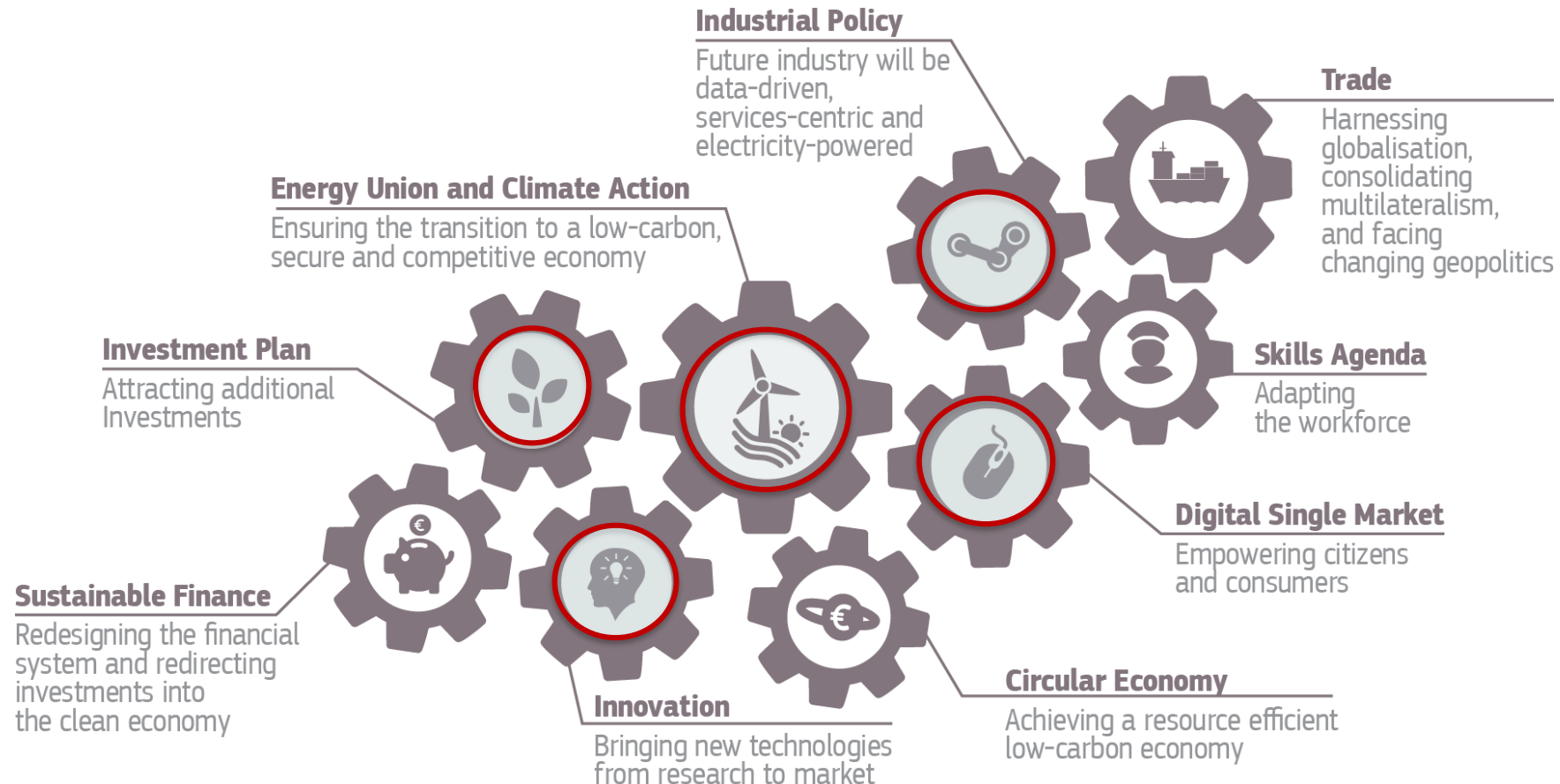
### Examples of level of ambition:

- By 2022: World class reference sites for real scale testing of AI in health, mobility, smart cities, etc.
- By 2023: 5-10 % of public sector data easily available for innovators and researchers across the EU

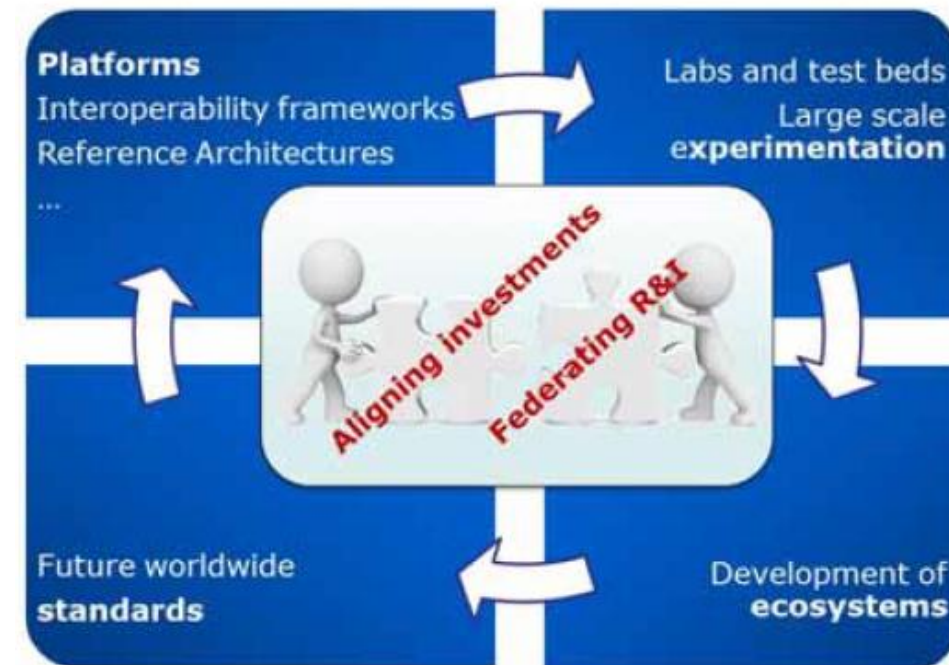
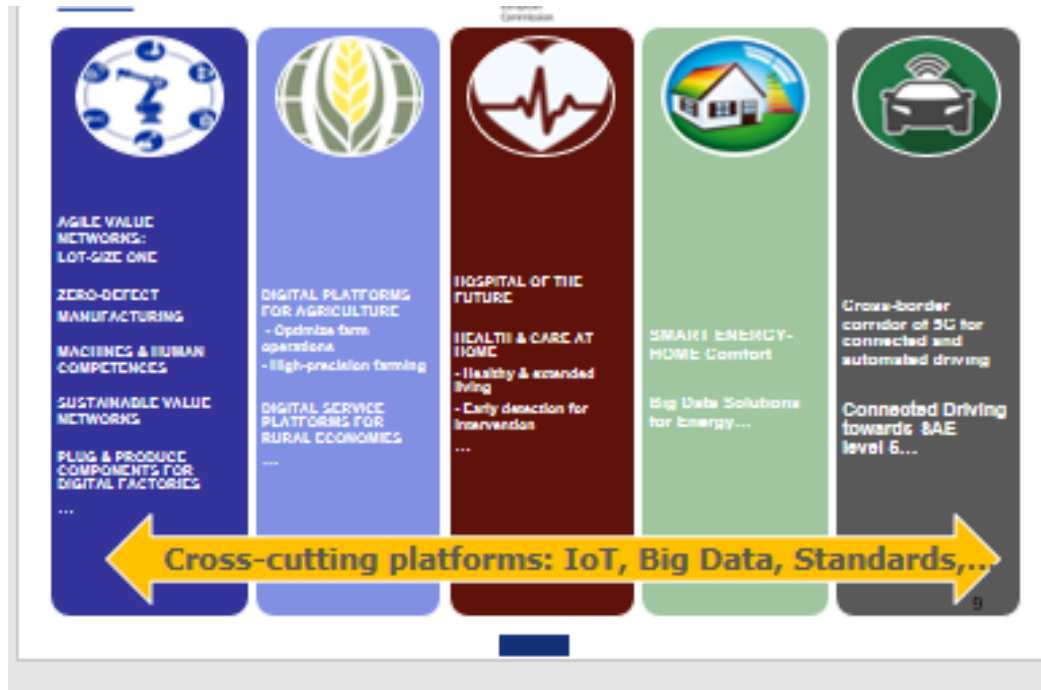
#EUBudget  
#DigitalEurope



## The modernisation of Europe's economy is delivered across the Commission's Policy Streams



- **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

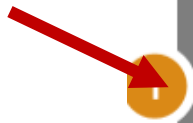
See

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

# A Data Framework Fit for The Digital Age

- A holistic approach on Data Management

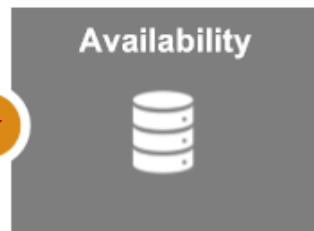
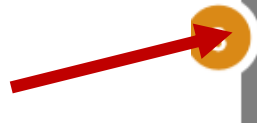
**Innovation**



**Reference Framework**



**IOT Objects**



alysis



- **??? Questions for the Workshop ???**
  - ? **IoT and AI are drivers for Transformation**
    - ? **Baseline: A European Data Economy – B2B**
    - ? **Platforms: Avoid** ,The Winner takes it All`
  - ? **Reflect on Buildings Blocks...**
    - ? **A Meta Architecture Model ,..**
    - ? **Validation and Up-take of Building Blocks**
  - ? **What Use cases to support a Data Marketplace ?**
    - ? **How to build and scale up an ecosystem**
    - ? **Experience from pilot projects – IoT/others**
  - ? **An innovation-friendly regulatory framework**
    - ? **Best practice from National Initiatives?**
    - ? **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
  - [Report issues in Nov. 2019](#)
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