DISCOURS DE CLOTURE

Forum TERATEC 23
Unlock the future

La construction de l'Europe Numérique

Animée par Thomas Skordas
15h45 – 16h00

Thomas Skordas
Directeur Général Adjoint
Commission Européenne

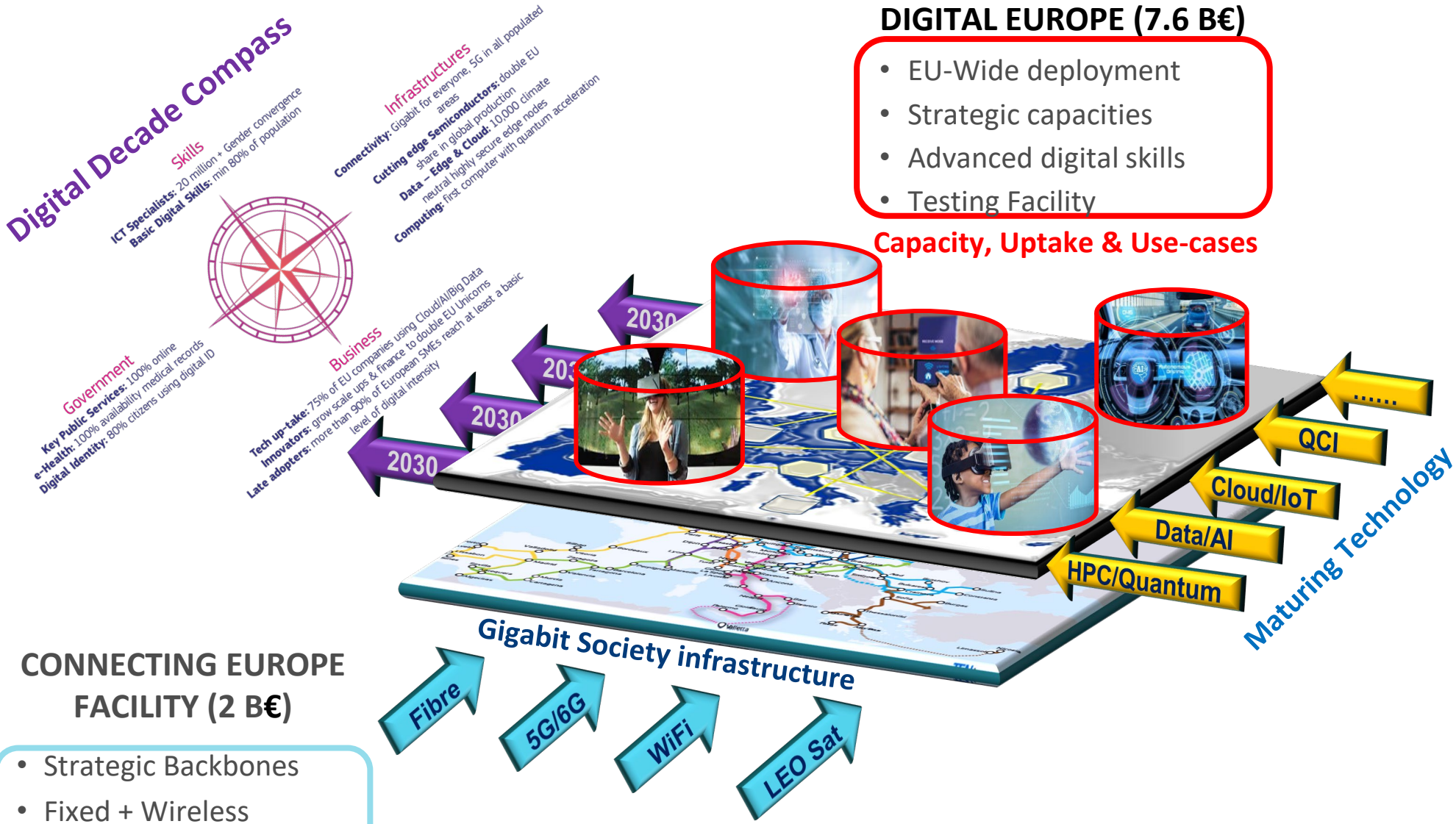
Forum TERATEC

Paris, 01 June 2023

Building the Digital Europe

Thomas Skordas
Deputy Director General
DG CONNECT, European Commission

Digital in Europe (2021-27): ~20 B€



DIGITAL EUROPE (7.6 B€)

- EU-Wide deployment
- Strategic capacities
- Advanced digital skills
- Testing Facility

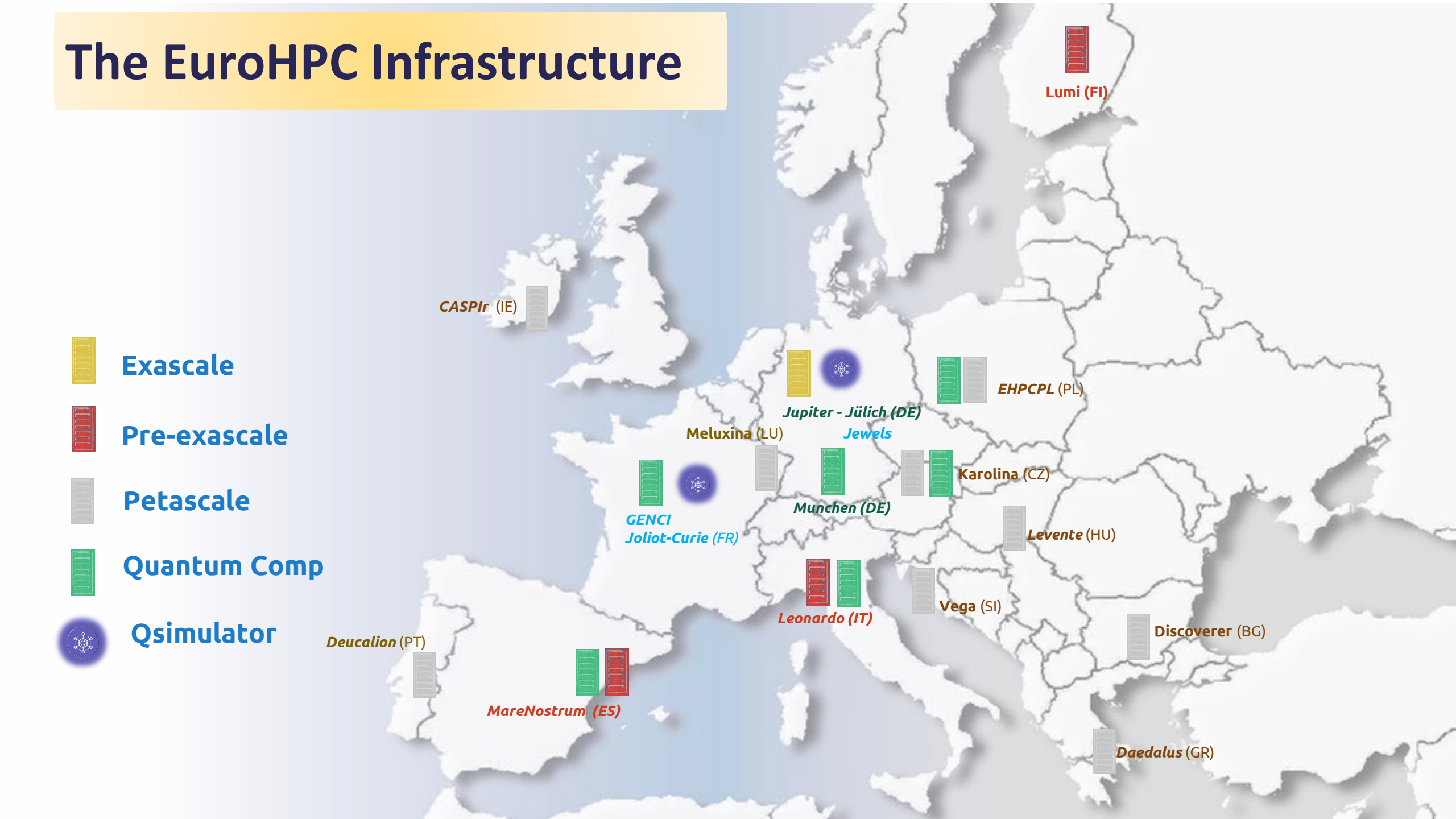
CONNECTING EUROPE FACILITY (2 B€)

- Strategic Backbones
- Fixed + Wireless Connectivity

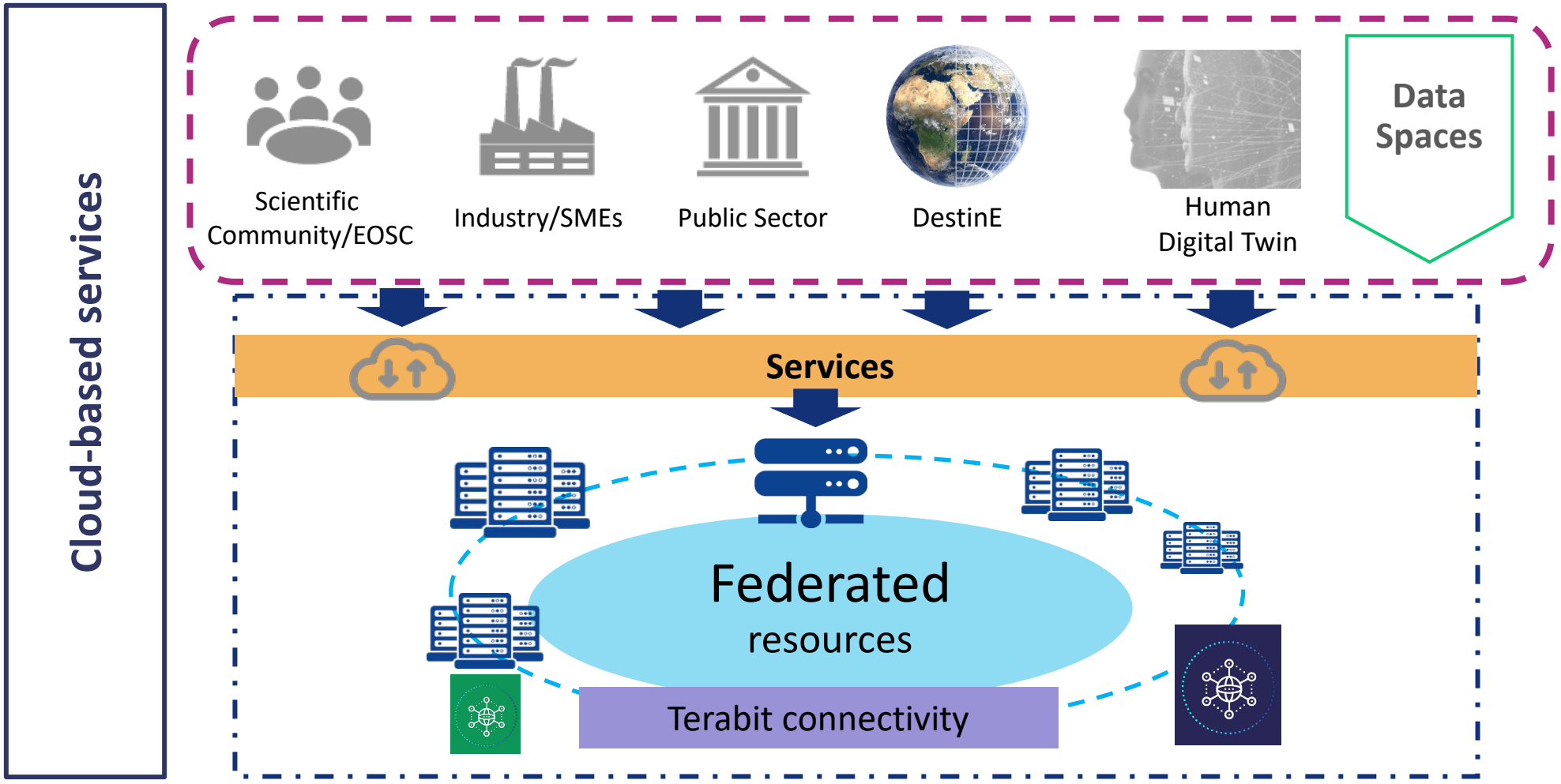
HORIZON EUROPE

- Preparing/maturing technology & progress (AI/Quantum…)
- By-design regulatory compliance (e.g. privacy friendly, unbiased AI)
- Leading & best in-class (e.g. strategic open autonomy, quantum)
- Prosperity, people & planet lens (green tech, societal challenges, industrial lead...)

The EuroHPC Infrastructure

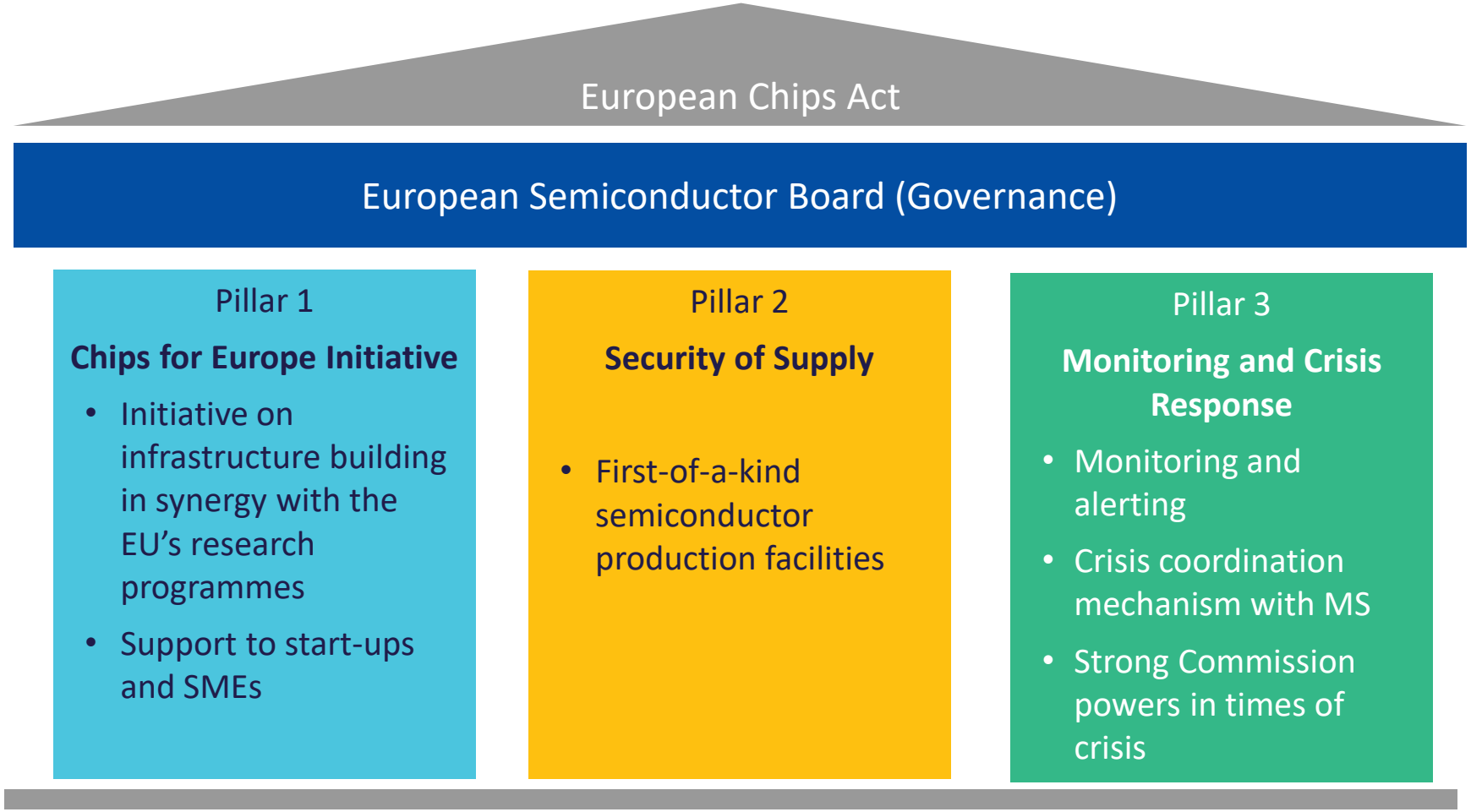


EuroHPC: Hyper-connectivity & Federation



The EU's Chips Act: the 3 Pillars of Activity

EU + MS Investments: ~43 B€



EU Investments in Quantum

~9 B€ Public funding in 2021-2027 (3 B€ EU + 6 B€ MS)

Equity Investments & Support to Start-ups

300 M€

IRIS2 & EuroQCI

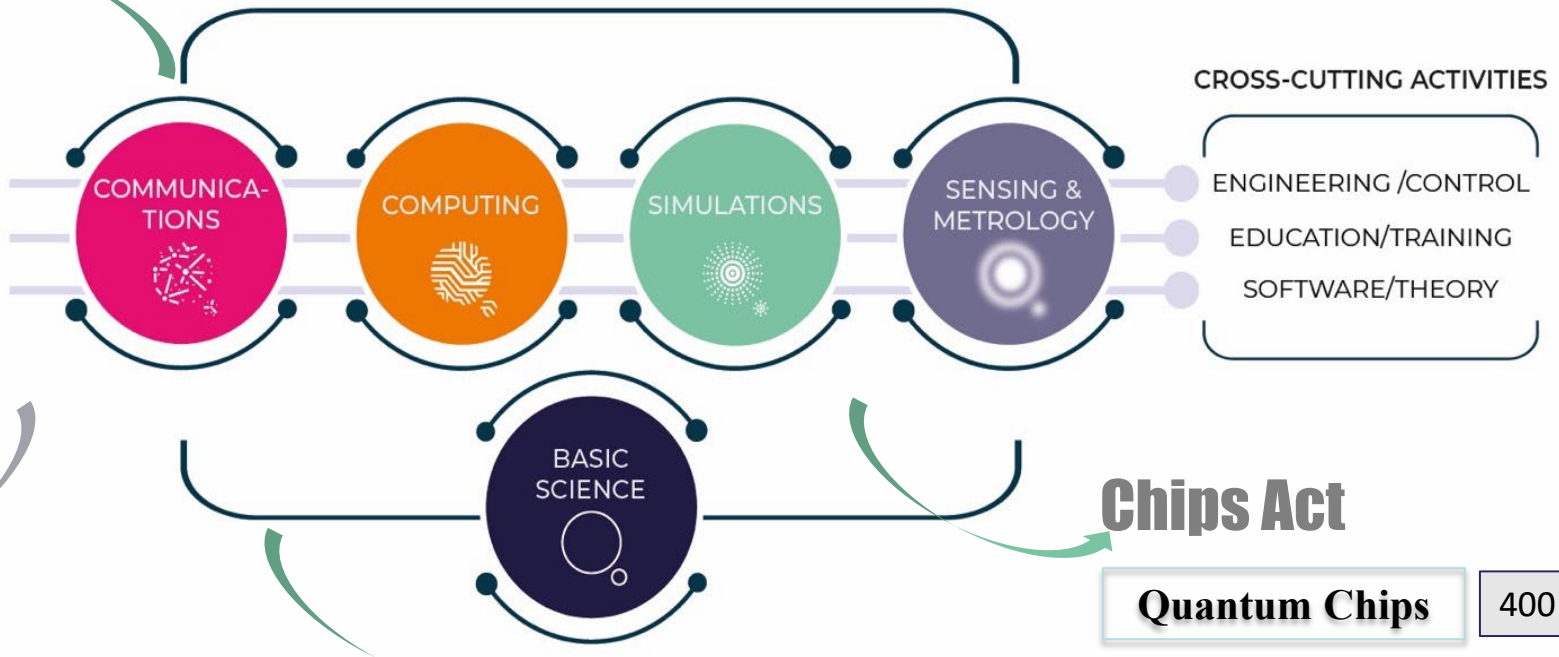
700 M€

Space Gravimetry

150 M€

1 000 M€

Quantum Flagship



Chips Act

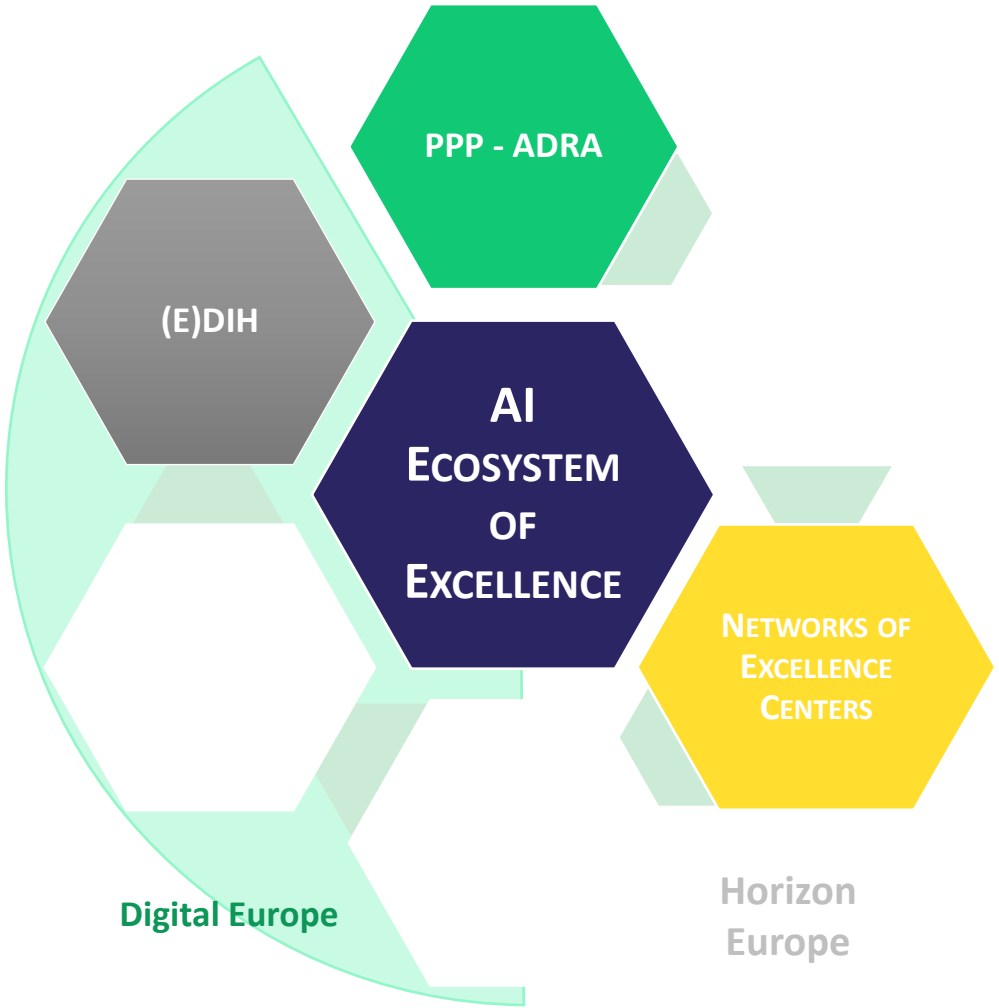
Quantum Chips 400 M€

Skills & Education

300 - 400 M€

EuroHPC Joint Undertaking

EU Excellence in AI: From the Lab to the Market



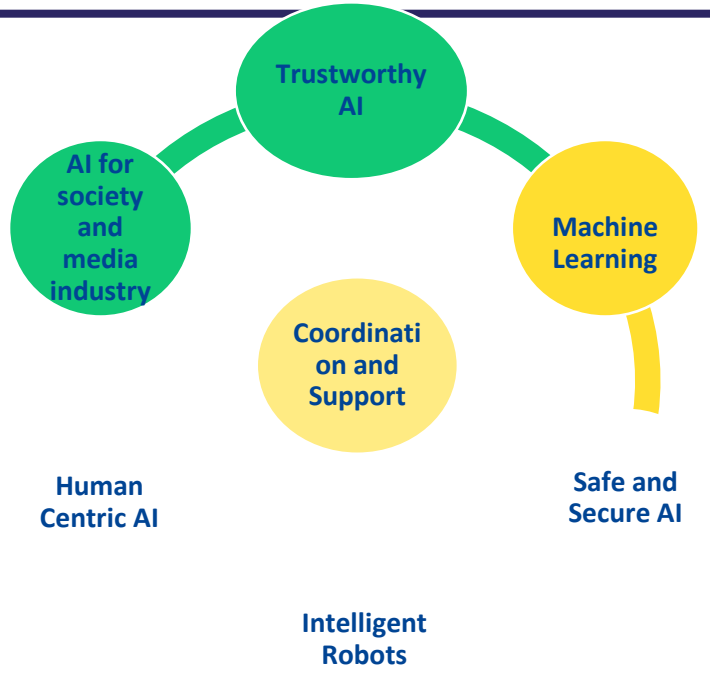
INVESTMENT COMMITMENTS (2021-2027)

➔ 1.3 B€ EU FUNDING

➔ 20 B€ investments by EU and MS

DIGITAL DECADE TARGETS:

➔ by 2030, 75% of European enterprises have taken up AI



Examples of EU initiatives in Digital Twins
Destination Earth and Destination Human

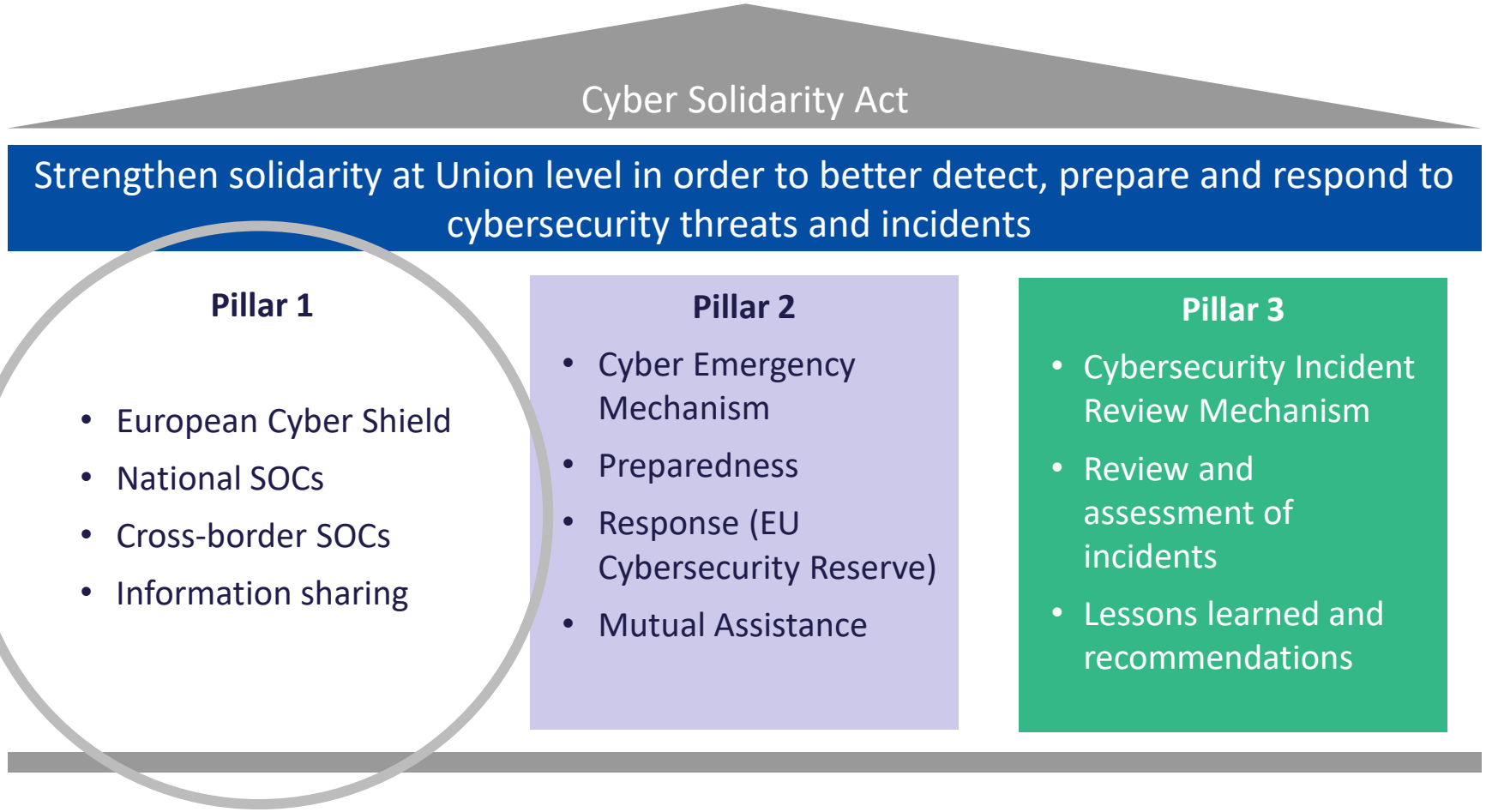
DestinE: Study the past, understand the present and predict the future

Building Virtual Human Twins

Powered by digital Research Infrastructures

- BRAIN DISORDERS
- CARDIOVASCULAR
- INFECTIOUS DISEASES

Cyber Security and the EU Cyber Solidarity Act



Thank you!