A Cybersecurity Competence Network with leading research, technology, industrial and public competence

Objectives and Goals
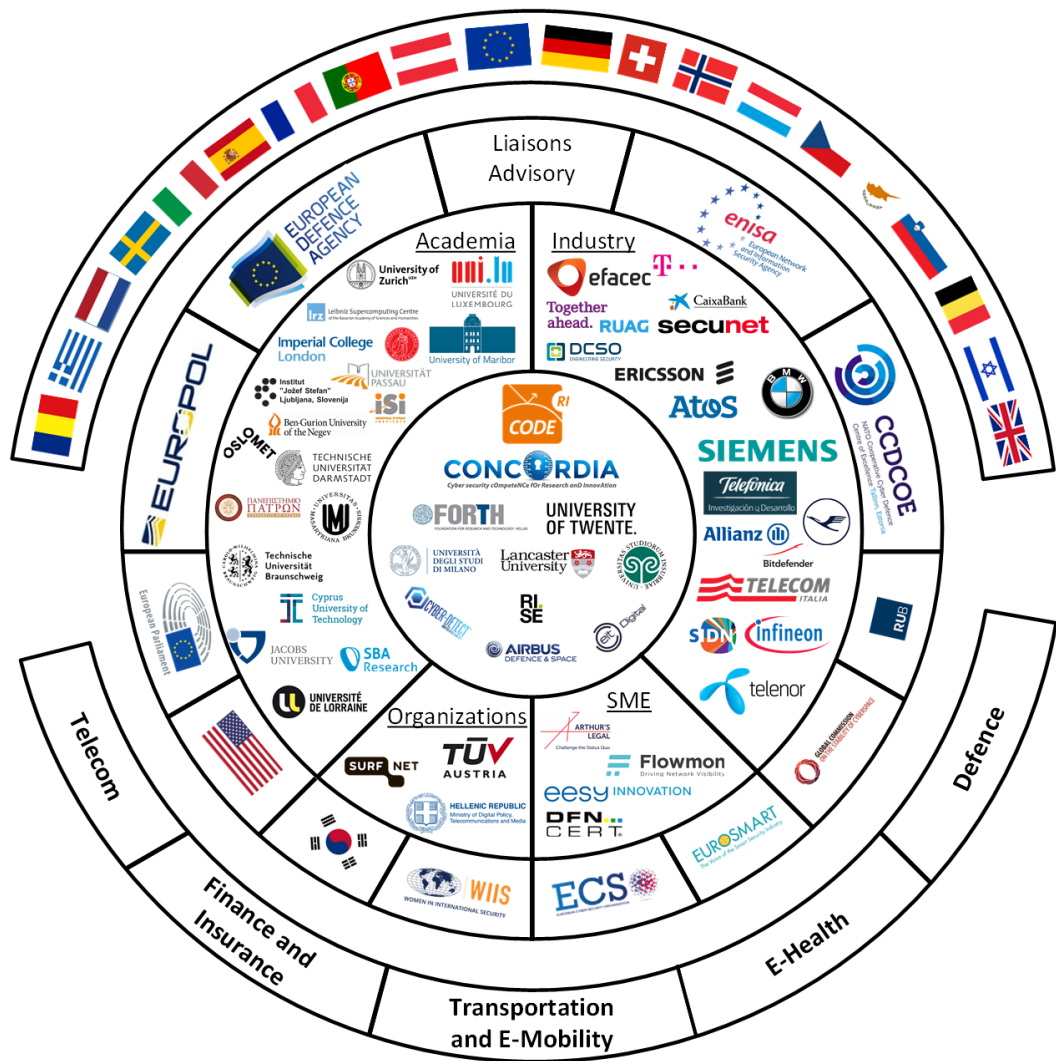
CONSORTIUM

- 55 (46 + 9 from June 2019) Partners
- 19 countries (16 EU member states, 3 Horizon 2020 associated countries)
- 28 partners from Academia
- 27 partners from Industry and Organisations

16 Millions EC funding
for 4 years

7 Millions additional funding from national authorities and industry

Objectives (1)

- O1: Position the **CONCORDIA ecosystem,** a Cybersecurity Competence Network with leading research, technology, industrial and public competences to build the **European Secure, Resilient and Trusted Ecosystem**, with the CODE research center as coordinator and hub, and ENISA as secretary.

- O2: Using an **open, agile and adaptive governance model** and processes

- O3: Devise a **cybersecurity roadmap** to identify powerful research paradigms, to do hands-on experimental validation, prototype and solution development in an agile way to quickly identify successful but also unsuccessful potential product development

- O4: Develop next-generation cybersecurity solutions by taking a **holistic end-to-end data-driven approach**

- O5: Scale up existing research and innovation with **CONCORDIA's virtual lab and services**

Objectives (2)

- O6: **Identify marketable solutions and grow pioneering techniques** towards fully developing their transformative potential

- O7: **Develop sector-specific (vertical) and cross-sector (horizontal) industrial pilots with building incubators**

- O8: Launch **Open Calls** to allow entrepreneurs and individuals to stress their solutions with the development

- O9: Set up an Advisory Board

- O10: Mediate between multiple communities

- O11: Establish an **European Education Ecosystem for Cybersecurity**

- O12: Provide **expertise to European policy makers and industry**

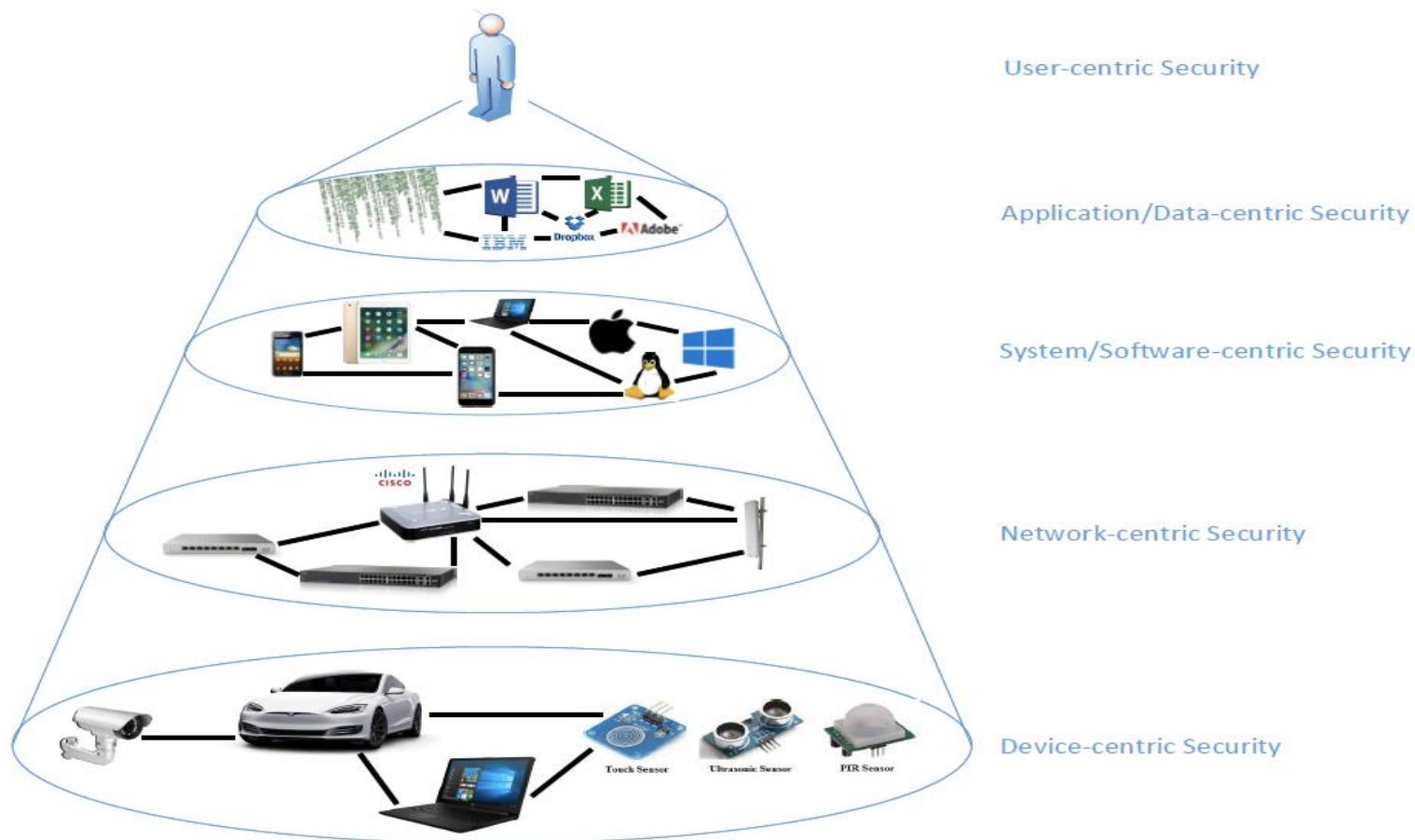# Strengthening the competitiveness and growth

Innovation as key of success
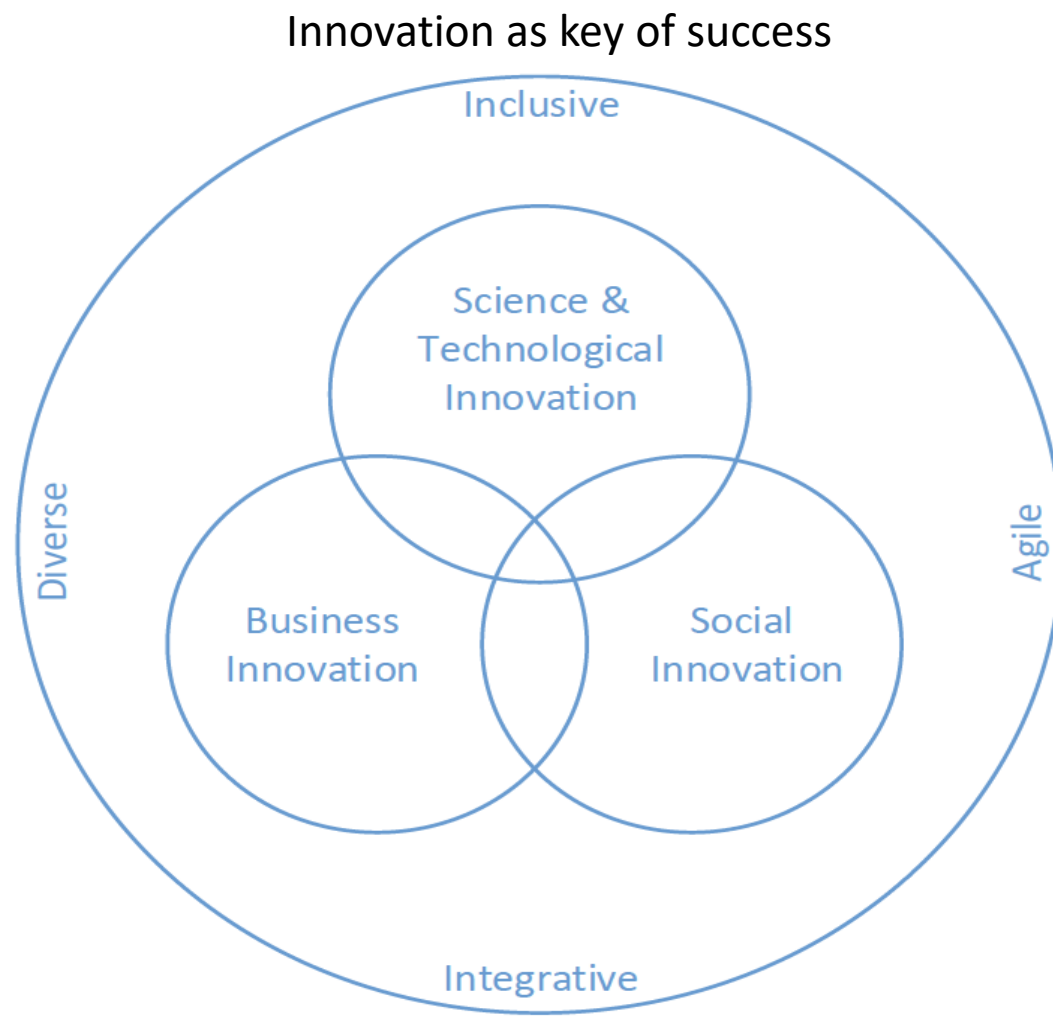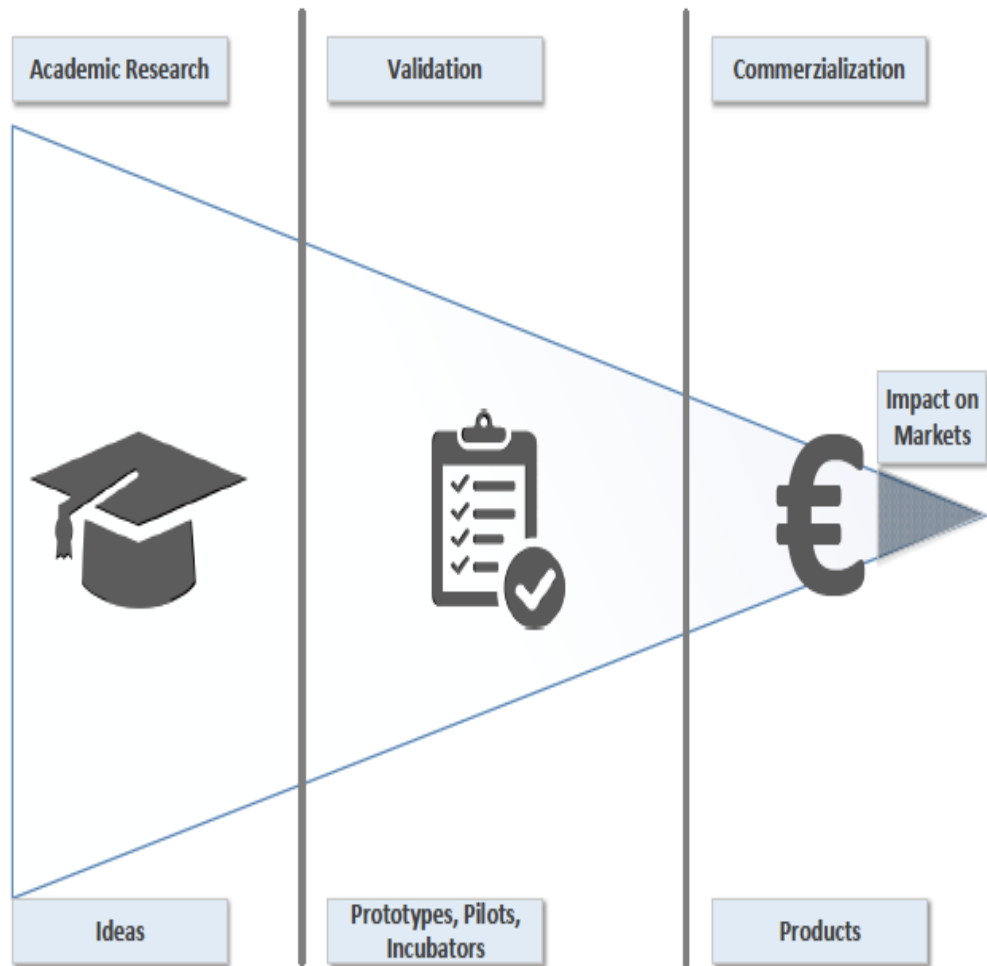
Data-driven adaptive Approach to Cybersecurity

Complex, dynamic, fast growing, highly connected
"Internet of Everything" from IoT to Cloud

Pilots (1)
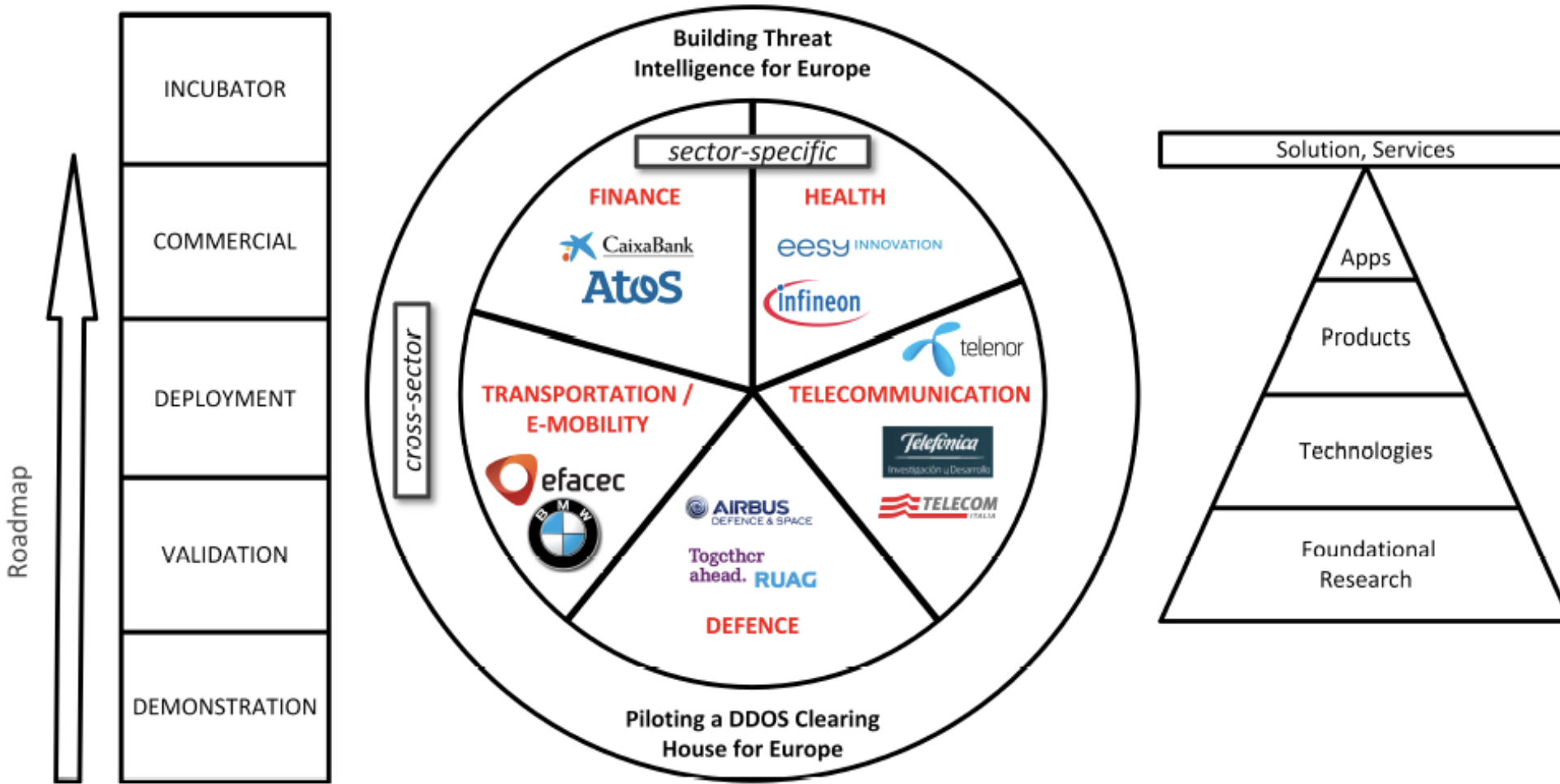
Pilots (2)

- **Telecommunication**: Threat Intelligence for the Telco Sector
- **Finance**: Assessing Cyber Risks, Threat Intelligence for the Finance Sector
- **Security** of the E-charging infrastructure
- **eHealth**: Privacy and Data Protection of Medical Data
- **Defence**: Security of Unmanned Aerial Systems (UAS)

- **Cross-Domain: Threat Intelligence, DDoS Clearing House**

Governance (1)

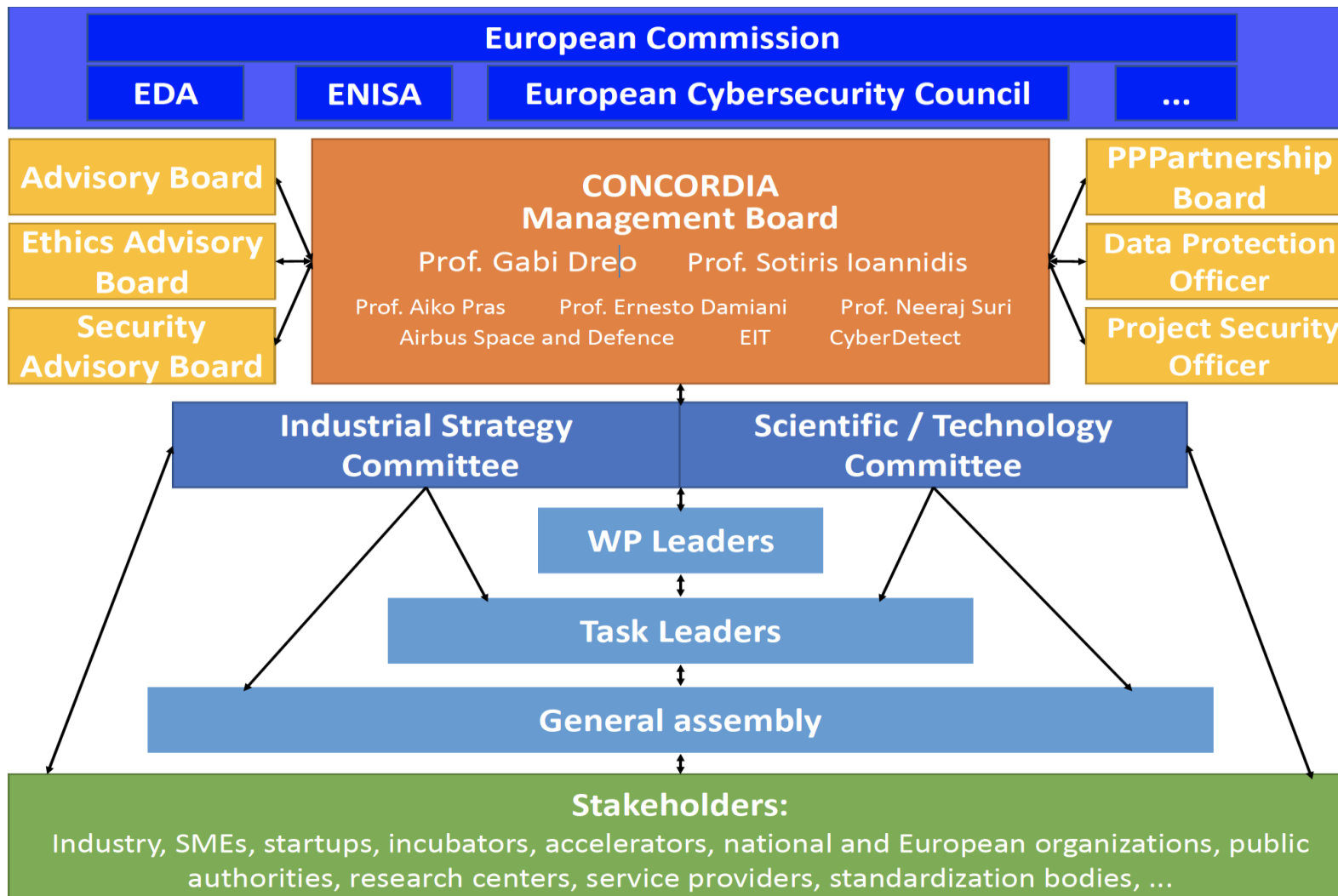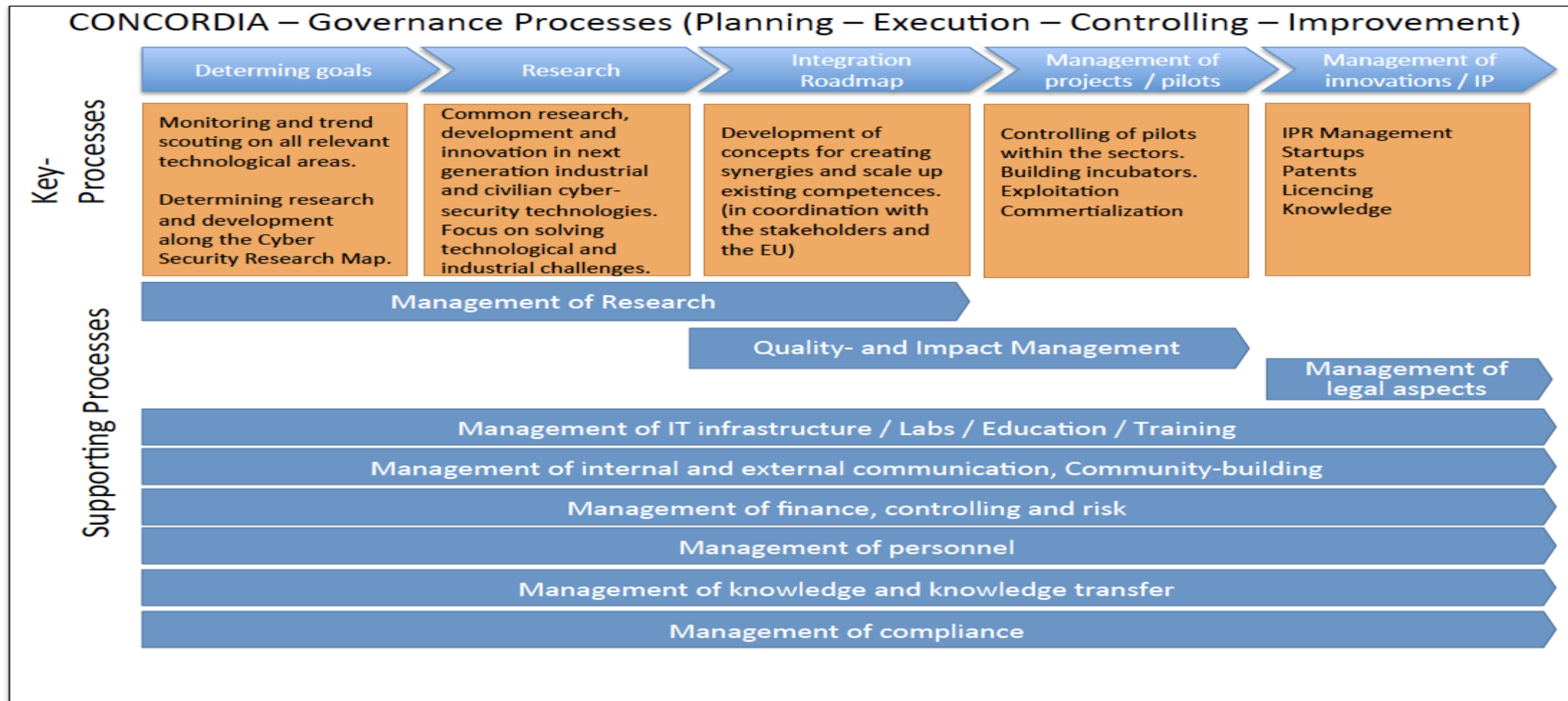# Governance (2)

CONCORDIA – Governance Processes (Planning – Execution – Controlling – Improvement)

Key-Processes:

Determing goals	Research	Integration Roadmap	Management of projects / pilots	Management of innovations / IP
Monitoring and trend scouting on all relevant technological areas.\n\nDetermining research and development along the Cyber Security Research Map.	Common research, development and innovation in next generation industrial and civilian cyber-security technologies. Focus on solving technological and industrial challenges.	Development of concepts for creating synergies and scale up existing competences. (in coordination with the stakeholders and the EU)	Controlling of pilots within the sectors. Building incubators. Exploitation Commertialization	IPR Management Startups Patents Licencing Knowledge

Supporting Processes:

- Management of Research
- Quality- and Impact Management
- Management of legal aspects
- Management of IT infrastructure / Labs / Education / Training
- Management of internal and external communication, Community-building
- Management of finance, controlling and risk
- Management of personnel
- Management of knowledge and knowledge transfer
- Management of compliance

DISSEMINATION

Website https://www.concordia-h2020.eu

Confluence as Tool for Collaboration

GitLab as Versioning Tool

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