Cyber Security for Europe

ifip SEC2021
OSLO NORWAY

CyberSec4Europe

Aiming to safeguard values through excellence in cybersecurity

Panel “EU Cybersecurity Competence Centre”
IFIP SEC 2021
24 June 2021, Online

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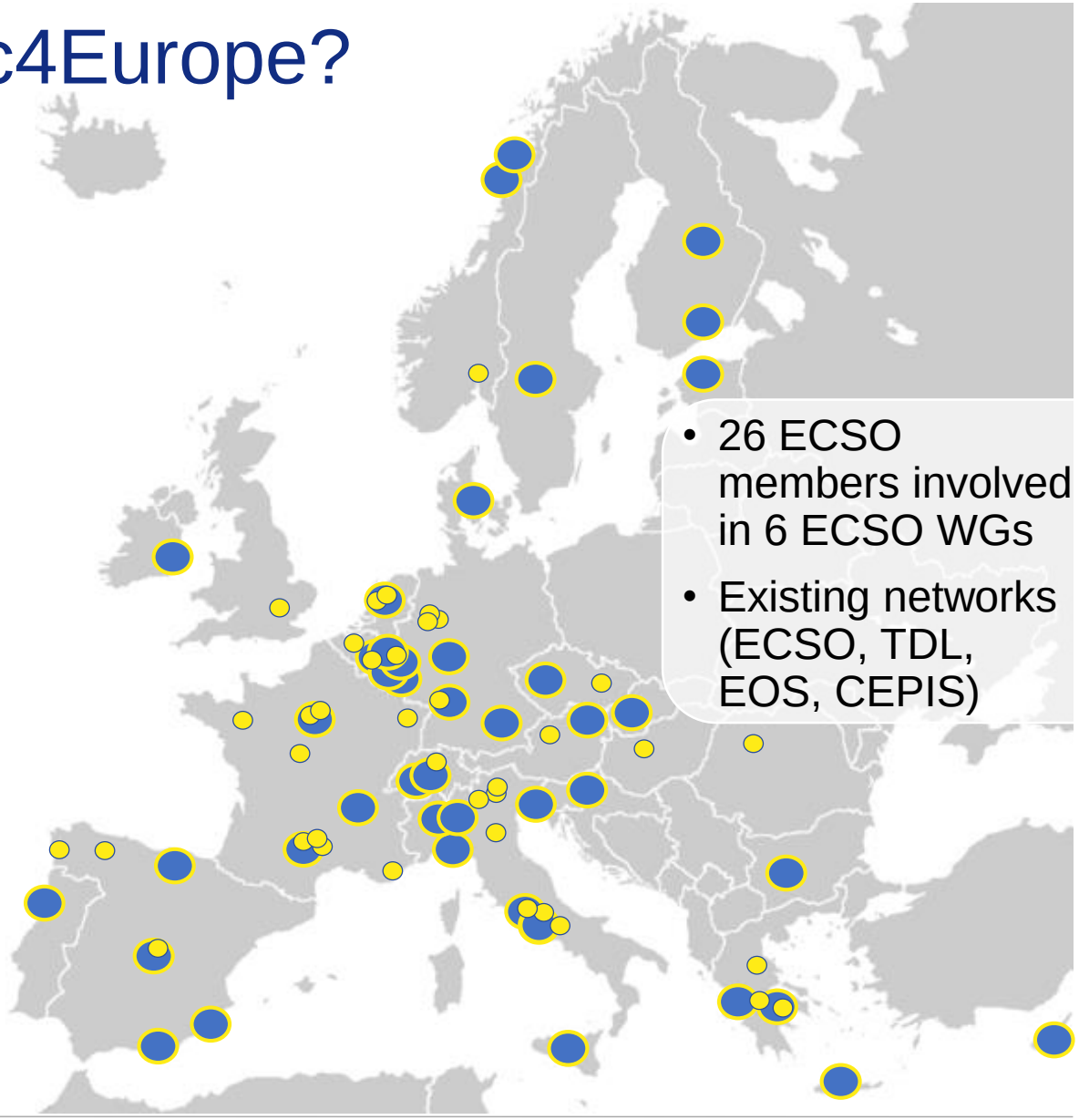
CyberSec4Europe is funded by the European Union under the H2020 Programme Grant Agreement No. 830929

Who Are CyberSec4Europe?

- Centres of Excellence / Universities / Research Centres / Enterprises (small and larger)
- 43 partners in 22 countries
- 40 associates in 16 countries
- 11 technology/application elements and coverage of nine vertical sectors
- Experience from over 100 cybersecurity projects in 14 key cyber domains
- Funding period: 02/2019 – 07/2022



- 26 ECSO members involved in 6 ECSO WGs
- Existing networks (ECSO, TDL, EOS, CEPIS)

Consortium Partners: Universities & Knowledge Institutes

Austria
AIT

Belgium
KU Leuven

Cyprus
University of Cyprus

Czech Republic
Masaryk University Brno

Denmark
Technical University Denmark

Finland
JAMK University of Applied Sciences
VTT

France
Université Paul Sabatier Toulouse / IRIT

Germany
Goethe University Frankfurt

Greece
CTI “Diophantus” Patras
FORTH
University of Piraeus

Ireland
University College Dublin (LERO)

Italy
CNR
POLITO
Trento University

Luxembourg
University of Luxembourg

Norway
NTNU
SINTEF

Portugal
University Porto

Slovenia
University of Maribor

Spain
University of Malaga
University of Murcia

Sweden
Karlstad University

The Netherlands
TU Delft

Consortium Partners: Industry, SMEs and Others

Cyber Security for Europe

Industry

Estonia	Cybernetica
France	Banque Populaire
	DAWEX
Germany	NEC Labs Europe
	Siemens AG
Italy	ABI Lab
	Engineering Spa
	Intesa Sanpaolo
Spain	ATOS Spain
	Banco Bilbao Argentaria

SMEs

Belgium	Time.Lex
Bulgaria	International Cyber Investigation Training Academy
Slovakia	VaF
Switzerland	Archimede Solutions
	Conceptivity

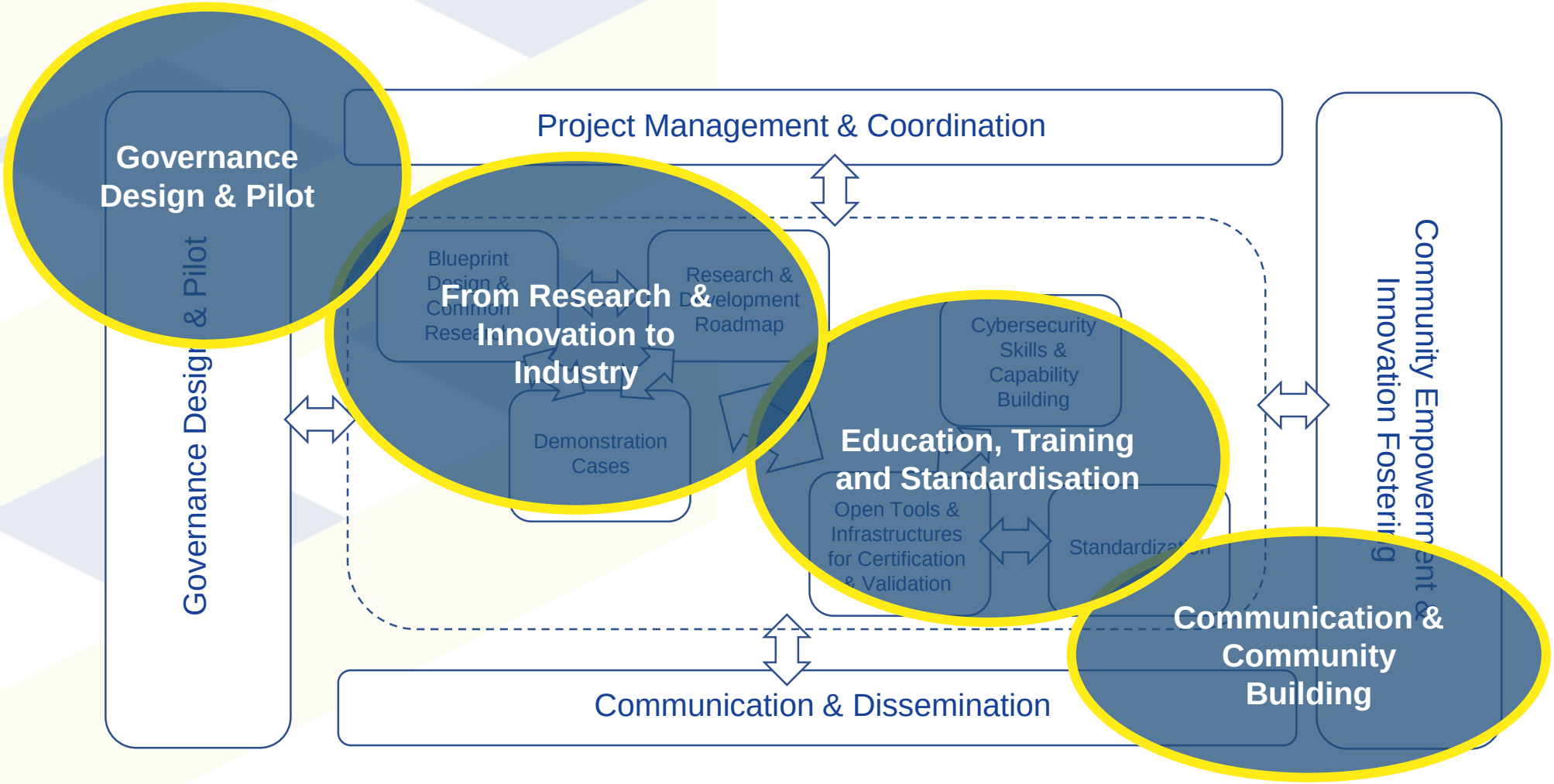
Local Government

Italy	Comune di Genova

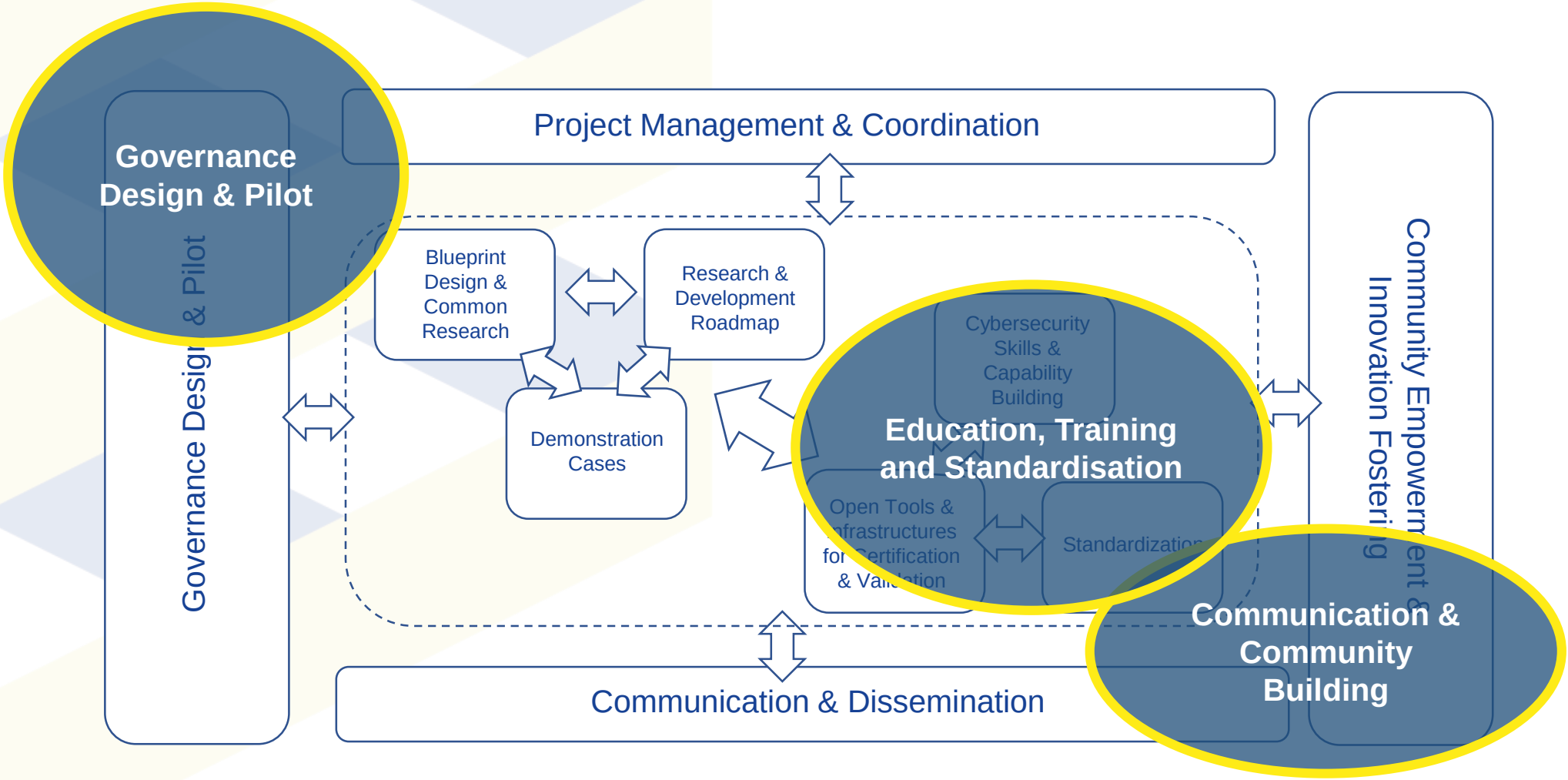
Associations

Belgium	Open & Agile Smart Cities
	Trust in Digital Life

Piloting a Competence Network



From Research & Innovation to Industry



Matching Application Demonstrators with Blueprint Research

Application Demonstrators

Finance
- Incident reporting
- PSD2 / GDPR issues

Health
- Medical data exchange

Smart Cities
- Citizen participation/e-Government
- Critical infrastructures
- Education

Identity Management

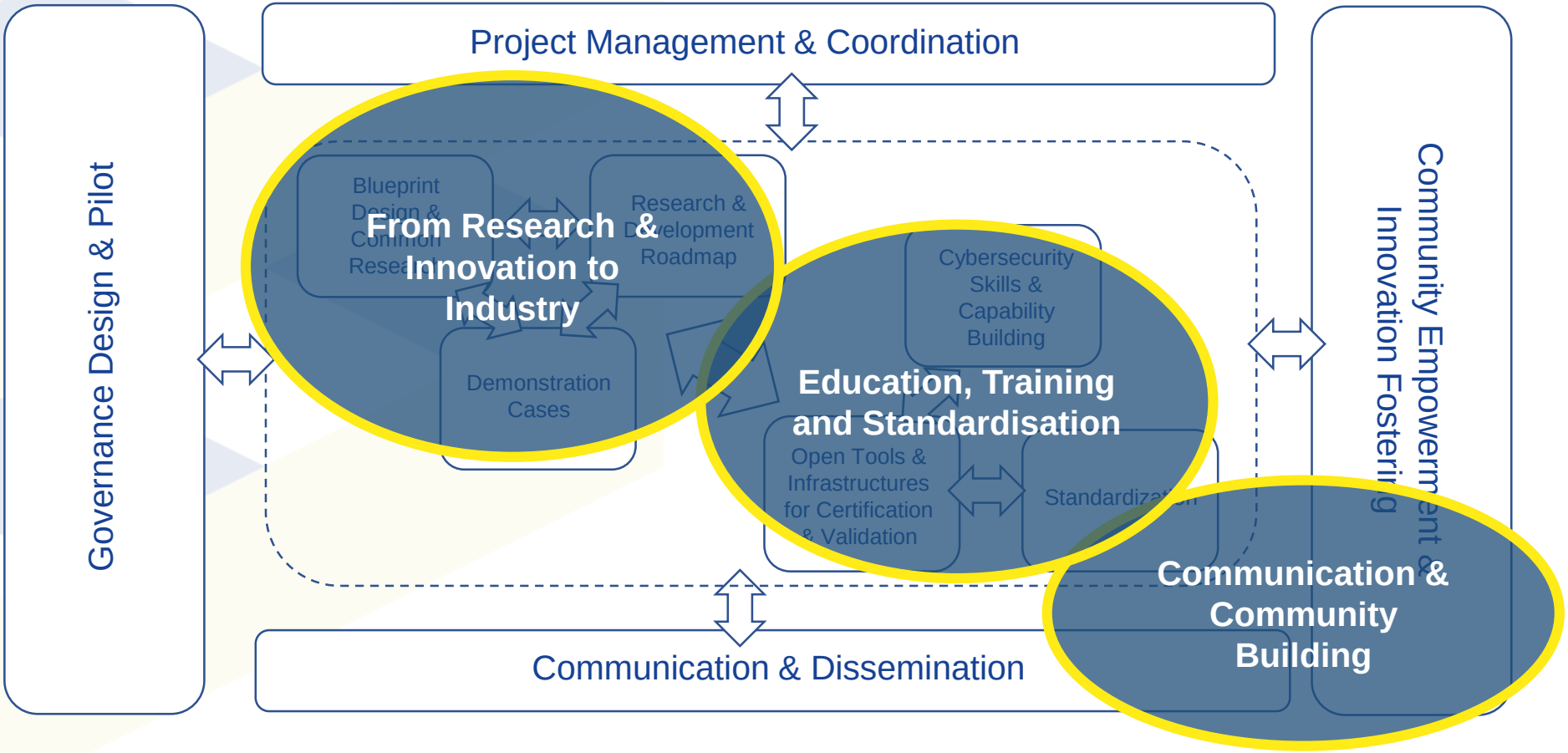
Maritime assurance
- Harbour security

Supply chain

Blueprint Research

- Research and integration on cybersecurity enablers and underlying technologies
- SDL - software development lifecycle
- Security intelligence
- Adaptive security
- Usable security
- Regulatory sources for citizen-friendly goals
- Conformity, validation and certification
- Continuous scouting
- Impact on society

Governance Design & Pilot



Governance Design & Tasks

Cyber Security for Europe

Collecting stakeholder viewpoints

- If you have strong opinions: University Trento would like to interview you

Assessing (best) governance practices

- Top-down vs. bottom up
- Stakeholder involvement: academia, administration, civil society (NGOs), government, industry, military, …

Governance structure

- Design: enable bottom-up advice
- CHECK (Community Hub of Expertise in Cybersecurity Knowledge) in e.g. Toulouse
- Operation and testing: MOOCs and CHECKs

Preparation for the implementation: regional & national

- Pilot regional competence hub in Toulouse
- National hub candidate in Denmark

Lessons learned and being learned: Participation and trust essential

Synergy between **top-down** and **bottom-up** structures

→ **integrating stakeholder** groups (**including citizens**)

→ efficient stakeholder **engagement** on **all societal levels**

- Industry groups, local governments, CERTs → not all the same level of formality as representatives of the EC and Member States
- May be different per country (so regulation must allow this, e.g. sectoral vs regional)

Key elements of **trust** into an **organisation**

- Secured participation
- Organisational transparency

CyberSec4Europe Insights Webinar

Cyber Security for Europe

Introducing Fixed-Time Cybersecurity Evaluation Methodology for ICT Products − FITCEM (prEN 17640)

Dr. Helge Kreutzmann
Federal Office for Information Security Germany

22 July 2021, 12.00 − 13.00 CEST

https://cybersec4europe.eu/events/broadcasts-and-webinars/

Get involved with CyberSec4Europe

- 2-tier Friends/Associates “program”
- Check https://cybersec4europe.eu/work-packages/
- More detailed information about each of the work packages, including contact details for each of the work package leaders on
- https://cybersec4europe.eu/wp-content/uploads/2020/01/WP-Descriptions-1.0.pdf

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