



Cyber
Security
for Europe
—



CyberSec4Europe

Sebastian Pape, Kai Rannenberg, Goethe University Frankfurt

CISaR Workshop
2020-01-31
Gjøvik, Norway



CyberSec4Europe is funded by the
European Union under the H2020
Programme

Grant Agreement No. 830929

- Introduction of Chair of Mobile Business & Multilateral Security
- CyberSec4Europe
 - Background: EC initiatives for a cybersecurity competence centre and network
 - Objectives
- Summary and Outlook

M-Chair

- Goethe University Frankfurt
 - 580 profs, > 5,000 employees, > 46,000 students
- Faculty of Economics & Business + Faculty of Informatics & Mathematics
 - > 100 profs
- Business Informatics
 - 6 + 1 profs
- Chair of Mobile Business & Multilateral Security
 - Prof. Dr. Kai Rannenbergh, 11 researchers



Multi-Disciplinary Background of M-Chair

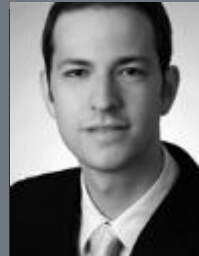
Business Administration



David Harborth



Peter Hamm



Marvin Hegen



Lars Wolos



Frédéric Tronnier



Ann-Kristin
Lieberknecht

Computer Science



Dr. Sebastian Pape



Dr. Narges
Arastouei



Dr. Welde Tesfay



Fatbardh Veseli



Ahad Niknia



Majid Hatamian

Business Informatics



Stephan Heim



Christopher Schmitz



Tim Schiller



Michael Schmid

Overview of M-Chair

Research Areas & Projects



Chair of Mobile Business & Multilateral Security

Standardization & Regulation

Mobile Business

Business Models

ICT Security

Social
Media/Marketing

Privacy / Data
Protection

Applications &
Services

Identity Management /
Risk Management

Multilateral Security

Online/Mobile Economy

Information & Communication Technology

European & national-funded Projects

Industry Co-operations

PhD Projects





Cyber
Security
for Europe
—

Background & Objectives

cybersec4europe.eu

@cybersec4Europe

Proposal for a European Cybersecurity Competence Network and Centre | Digital Single Market - Mozilla Firefox

DateiBearbeitenAnsichtChronikLesezeichenExtrasHilfe

Proposal for a European CybersX

https://ec.europa.eu/digital-single-market/en/proposal-european-cybersecurity-competence-netSuchen

Commission and its prioritiesPolicies, information and servicesLog in



Search

European Commission > Strategy > Digital Single Market > Policies >

Digital Single Market

POLICY

Proposal for a European Cybersecurity Competence Network and Centre

Building on the ambitious cybersecurity initiatives announced in 2017, the European Commission proposes as a next step the creation of a Network of Cybersecurity Competence Centres and a new European Cybersecurity Industrial, Technology and Research Competence Centre to invest in stronger and pioneering cybersecurity capacity in the EU.

Aims of this proposal

The mission of the [proposal to establish a European Cybersecurity](#)

About Cybersecurity

Policies

Blog posts

News

Events

cybersec4europe.eu

7

Working Together Towards A Common Objective



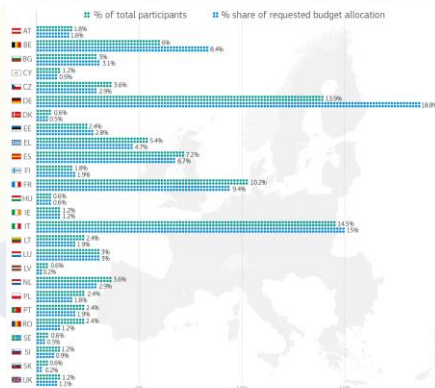
Cybersecurity Horizon 2020 pilot projects

to prepare a European Cybersecurity Competence Network
& contribute to the European cybersecurity industrial strategy

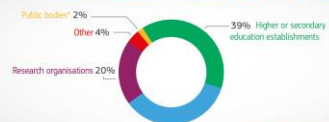
More than **€63.5 million** invested in **4 projects**



More than **160 partners** from **26 EU Member States**



A diverse cybersecurity ecosystem



Source: Data European Commission, Directorate-General for Research and Innovation (DG RTD) - UK1/25



Cyber Competence Network

A European network of cybersecurity centres of excellence

Changing Europe' cybersecurity research and innovation landscape



Strong academic performers
Insufficient critical mass

Diversity and ethics
Risk acceptance
Horizontal leverage
Open leadership



Intensified partnerships
World-leading capacities

Who Are CyberSec4Europe?

Centres of Excellence /
Universities / Research
Centres / SMEs

43 partners in 22 countries

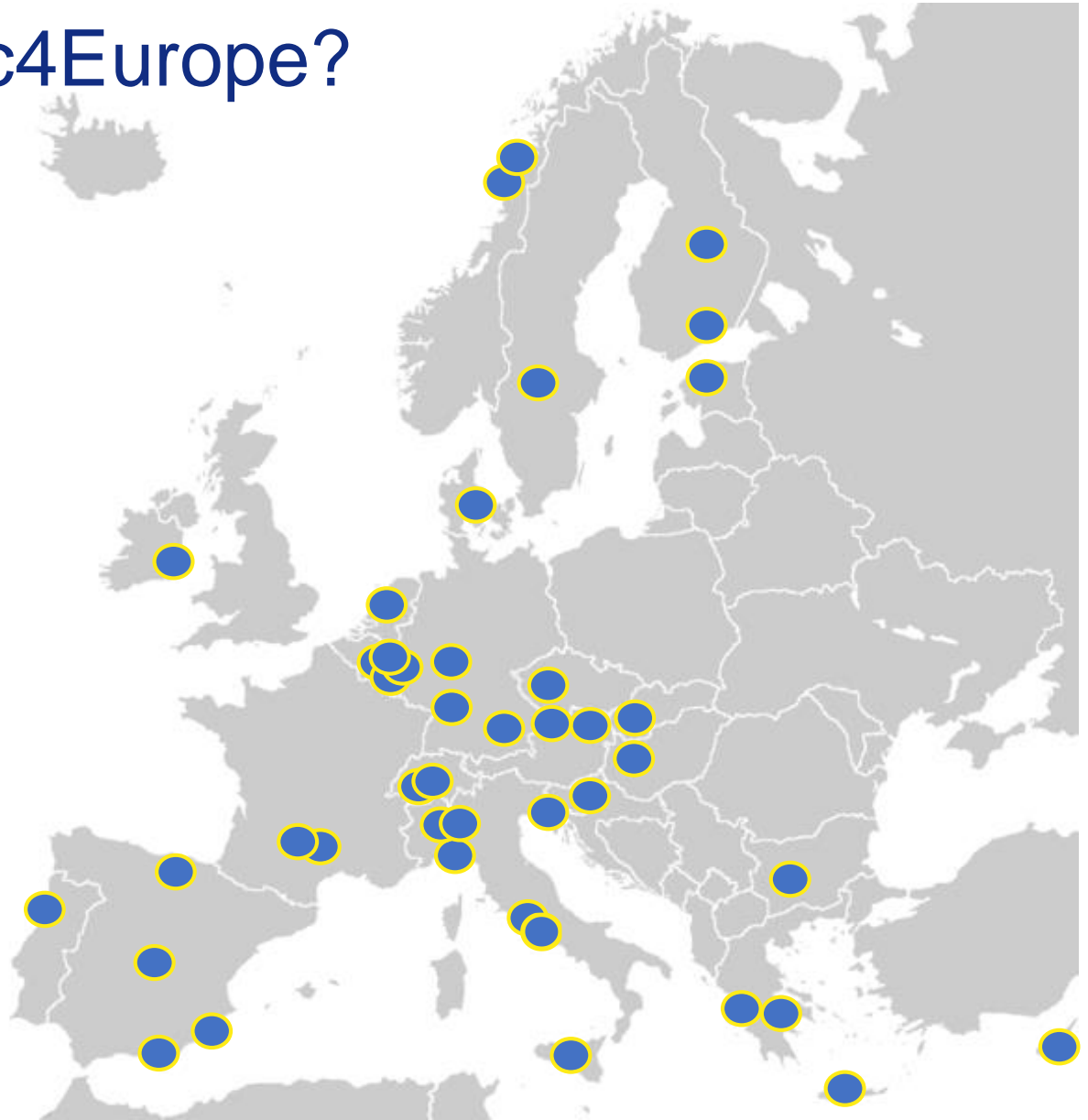
26 ECSO members
involved in 6 ECSO
Working Groups

Existing networks
(ECSO, TDL, EOS, CEPIS)

Experience from over 100
cybersecurity projects in 14
key cyber domains

11 technology/ application
elements and coverage of
nine vertical sectors

Funding period:
02/2019 – 07/2022



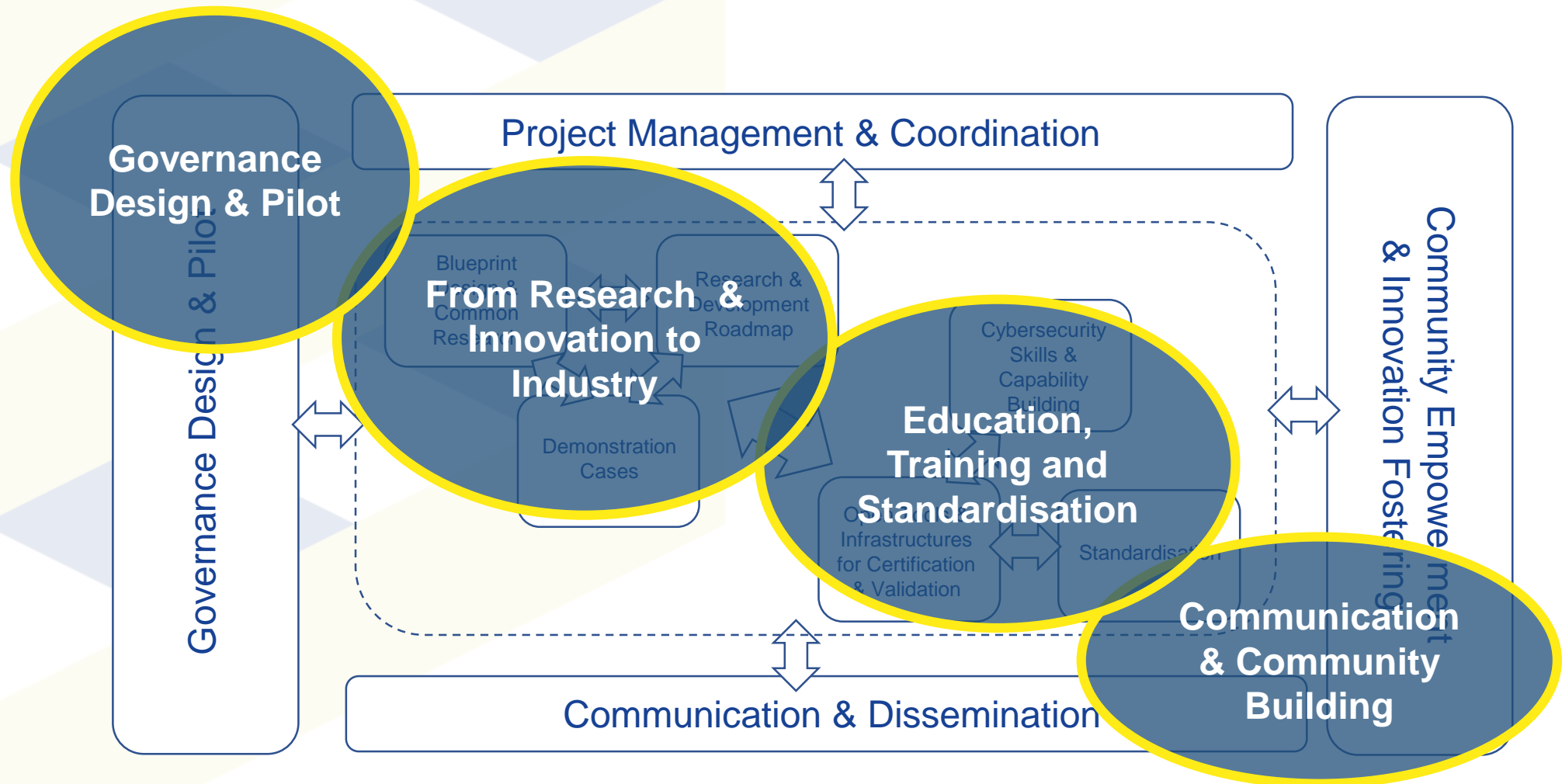
About CyberSec4Europe



CyberSec4Europe is a research-based consortium working across four different but inter-related areas with a strong focus on openness and citizen-centricity in order to:

- Pilot a European Cybersecurity Competence Network
- Design, test and demonstrate potential governance structures for the network of competence centres
- Harmonise the journey from software componentry identified by a set of roadmaps leading to recommendations
- Ensure the adequacy and availability of cybersecurity education and training as well as common open standards
- Communicate widely and build communities

Piloting a Competence Network





Cyber
Security
for Europe
—

Summary & Outlook

cybersec4europe.eu

@cybersec4Europe

Results So Far

Available at
cybersec4europe.eu

Industry Cases:

Requirements Analysis from **Vertical Stakeholders** (D4.1)

Requirements Analysis of **Demonstration Cases** (D5.1)

Research:

Common Framework Handbook 1 (D3.1)

Cross Sectoral Cybersecurity Building Blocks (D3.2)

Standards:

Cybersecurity **Standardisation** Plan (D8.1)

Governance:

Governance Challenges for European Cybersecurity Policy: **Stakeholder Views Case Pilot** for Governance (D6.1)

Meet CyberSec4Europe

Feb 24, evening, Brussels



Panel discussion with stakeholders

- **Tamara Tafra**, (current) Croatian **Presidency** of the European Union
- Turo Mattila, (2019/2) Finnish **Presidency** of the European Union
- ...
- Feb 24, from 18.30 on
- Representation of the State of Hessen to the European Union
- Brussels, Rue Montoyer 21



Cyber Security for Europe

cybersec4europe.eu
@cybersec4Europe
Sebastian.Pape@m-chair.de