

# WG6

## SRIA AND CYBER SECURITY TECHNOLOGIES

ECSO defines the R&I roadmap in cyber security to strengthen the EU eco-system by understanding and coordinating the challenges towards digitalisation of the industrial sectors and develop a coherent strategy with other cPPP and EU initiatives.

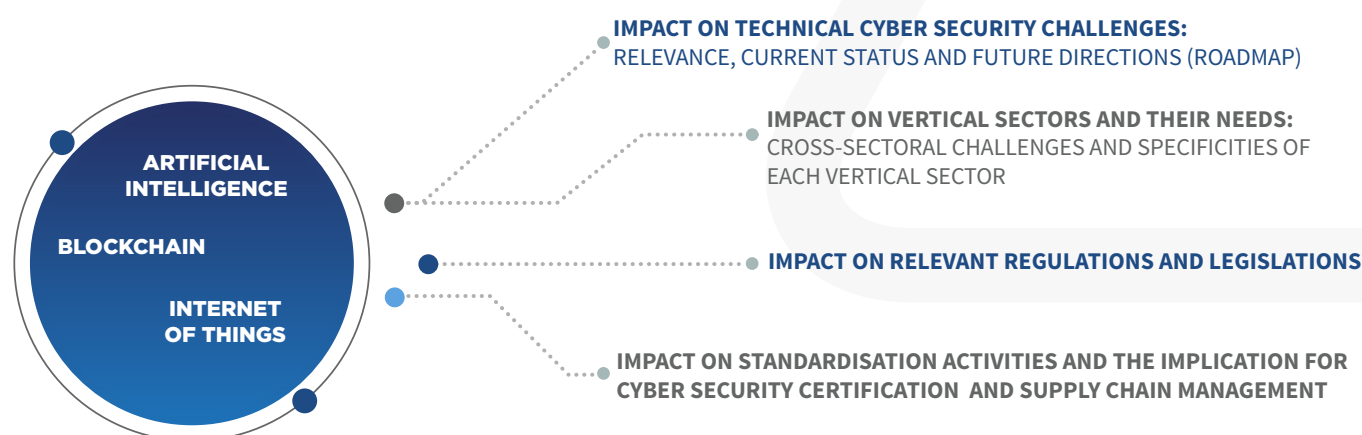
### MISSION & OBJECTIVES

The working group focuses on the following objectives:

- Coordination of results and expectations from European Commission and R&I projects
- Coordination of cyber security activities across cPPPs and EU Initiatives
- Support cPPP implementation and H2020 cyber security projects
- Detailed suggestions for the Work Programme 2017-2020 using an updated and focused SRIA

### WG6 HIGHLIGHTS

- Identification of global trends & key implications on strategy > 2027
- R&I needs on specific verticals to address new disruptive technologies – Working papers on new technology drivers and their impact on other ECSO Working Groups



- Initial priorities and challenges for Horizon Europe (2021)

- Society and Citizens (Social Good) > Bring trust into the technology and in the Machine Economy
- Data and Economy > Data as main ICT value and/or target and main driver for decision making
- Basic and Disruptive Technologies (e.g. Artificial Intelligence, Blockchain, Quantum-resistant crypto) > Ensure a sustainable and trustworthy eco-system, including integrating M2M and M2H interaction and autonomous systems as technical, ethical, safety issues
- Digital Transformation in Verticals > Continuous evolving systems and integration of legacy systems with new technology, threat intelligence and information sharing, and ICT infrastructure protection

## SRIA to identify the research priorities for 2018-2020

A strategic vision is needed to demonstrate how industrial priorities contribute to the implementation of the strategy

## Update of 2020 priorities

2016  
157 members  
with 351 experts



2020  
EU Cyber Security  
R&I Strategy to  
build a trustworthy  
ecosystem

## Analysis of the Work Programme 2018-2020

Good match and public & private priorities well aligned

### ➤ Define Strategic Research and Innovation Agenda (v2.0)

- Link with relevant cPPPs and new initiatives (DEP) to coordinate strategy for future EU cyber security R&I

## SEGMENTATION

The working group is segmented into the following sub-working groups:

- SWG6.1: Ecosystem
- SWG6.2: Digital Transformation in Verticals
- SWG6.3: Data & Economy
- SWG6.4: Basic & Disruptive Technologies
- SWG6.5: Cyber Defence

## COLLABORATIONS

- **EURobotics:** Cyber security for Digitisation of the Industry (e.g., eHealth)
- **5G IA:** Common interest to work on cyber security aspects for 5G. Signature of MoU
- **EFFRA:** Analysis of requirements and cyber security challenges for digitisation of industry. Co-organised Workshop on Resilient Manufacturing Environments
- **BDVA:** Updated list of shared topics and areas of collaboration on AI
- **EDA:** Understand research priorities. EDA joined the ECSO Strategic Technical Committee.
- **ENISA:** Contribute to the research priorities identified (crystal ball) and recommendation report. Continuous interaction
- Other relevant initiatives to be further exploited: A.Spire, ShiftToRail, ECSEL, AIOTI

## PUBLICATIONS

- STRATEGIC RESEARCH AND INNOVATION AGENDA (JUNE 2017)

## CONTACT US



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