# ECSO WG1
# Standardization and Certification

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# What is EUNITY

- H2020 CSA Project
  - H2020: current European Framework Program for research and innovation
  - CSA: Coordination and Support Action
  - Objective: supporting European research and innovation Policy Development
- EUNITY Focus: support cyber-security dialogue between Europe and Japan
- Our goals:
  - Raise awareness of European views and activities on cybersecurity in Japan
  - Understand similar activities in Japan to complete European research roadmaps, e.g. with joint activities

# What is ECSO

- Association established in Brussels
  - “Industry Proposal”
- Contractual Public-Private Partnership (cPPP)
  - Joint effort between the European Commission and the private sector
  - Leverage public research funding to develop business activity.
- Signed July 2016
  - Other cPPPs exist: DVA (big data); 5G (mobile 5G); EFFRA (smart industry), …
  - cPPP could evolve into a more ambitious structure (Joint Undertaking- like) following the recent EU cybersecurity strategy (Sept 2017)

ECSO Intro/L.Rebuffi

# 6 working groups

- WG1 (standards / certification / label / trusted supply chain)
- WG2 (market / funds / international cooperation / cPPP monitoring)
- WG3 (verticals: Industry 4.0; Energy; Transport; Finance / Bank; Public Admin / eGov; Health; Smart Cities)
- WG4 (SMEs, Regions, East EU)
- WG5 (education, training, awareness, cyber ranges…)
- WG6 (SRIA)

# WG1 – Standardisation, certification, labelling & supply chain management

- Mission and Objectives: The WG will focus its work around the following topics:
  - EU ICT security certification framework (liaise with the Commission and contribute to the European ICT security certification framework proposal which is foreseen to be published by the end of 2017).
  - Standards for interoperability
  - EU cybersecurity labelling
  - Increased digital autonomy
  - Testing and validation of the supply / value chain in Europe
- Cooperations:
  - CEN/CENELEC (already defined)
  - ETSI (planned)

# WG1 Structure

| SWG1 | SWG2 | SWG3 |
| --- | --- | --- |
| **Manufacturing of Subcomponents, Components, Devices and Products**<br>Gemalto, NXP | **Infrastructure providers and other cloud based services**<br>Orange | **IT Integrators, Critical Infrastructure Operators, End Users and Supply Chain Management**<br>Thales |

SWG4
**Base Layer**
UL, CEA, Conceptivity

Roughly 80 ECSO members

# WG1 Structure

- SWG 1.1. “Manufacturing of Subcomponents, Components, Devices and Products”
  - Manufacturing of cyber secure products (from IC components up to cars, aircraft and others that require the integration of several components) including the respective supply-chain during integration of components.
  - Software as a product is also covered by this SWG.
- SWG 1.2. “ICT infrastructure providers and other cloud based services”
  - Delivering of cyber secure services but with a big effort on the privacy of data handling in Telco or other ICT infrastructure providers, but also cloud -based ones.
- SWG 1. 3. “IT Integrators, Critical Infrastructure Operators, End Users and Supply Chain Management”
  - Organizations and their IT infrastructure, end users and the organizational and IT infrastructure changes  needed to have a market of companies and suppliers able to deliver their services (ICT or non) to citizen in a secure way.
- SWG 1.4. “Base Layer”
  - Delivering required specific capabilities to other SWGs as advanced research, definition of common terms, structures and procedures.

# RECENT EVENTS

- NAPAC Contributions and recommendations
  - on meeting logistics
  - on security certification specificities and vertical end-users / consumers
  - on market analysis
- SOTA – WG 1.4
  - objective: collect a raw list of existing standards / certification / labels
  - 180+ pages
  - split product / infrastructure / systems and services
  - ranking / scoring not done yet
- COTI – WG 1.1, 1.2, 1.3
  - objective: collect partner positions on general issues
  - 150+ inputs
  - integration in progress
  - contribution of the member states not identified yet



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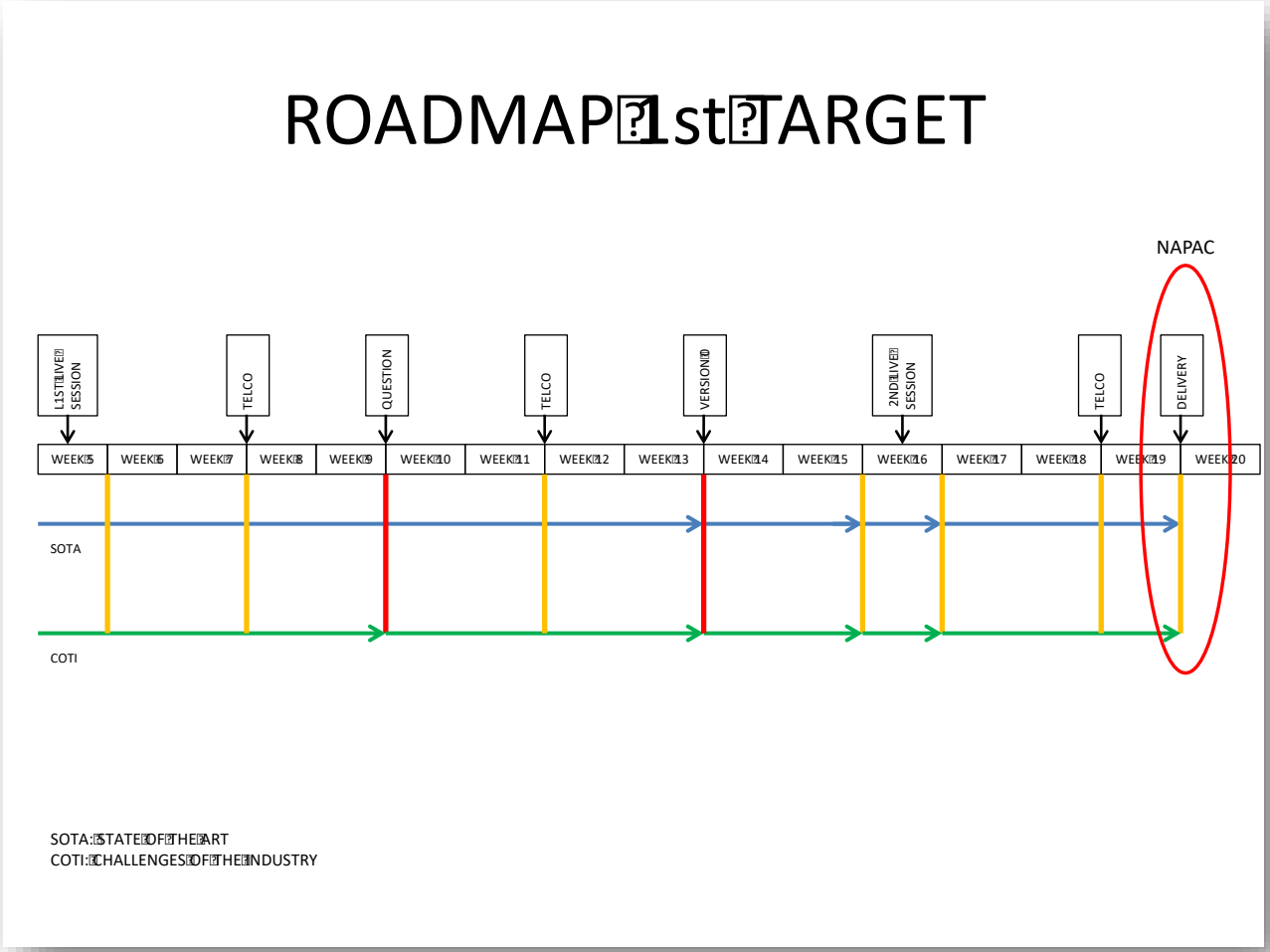
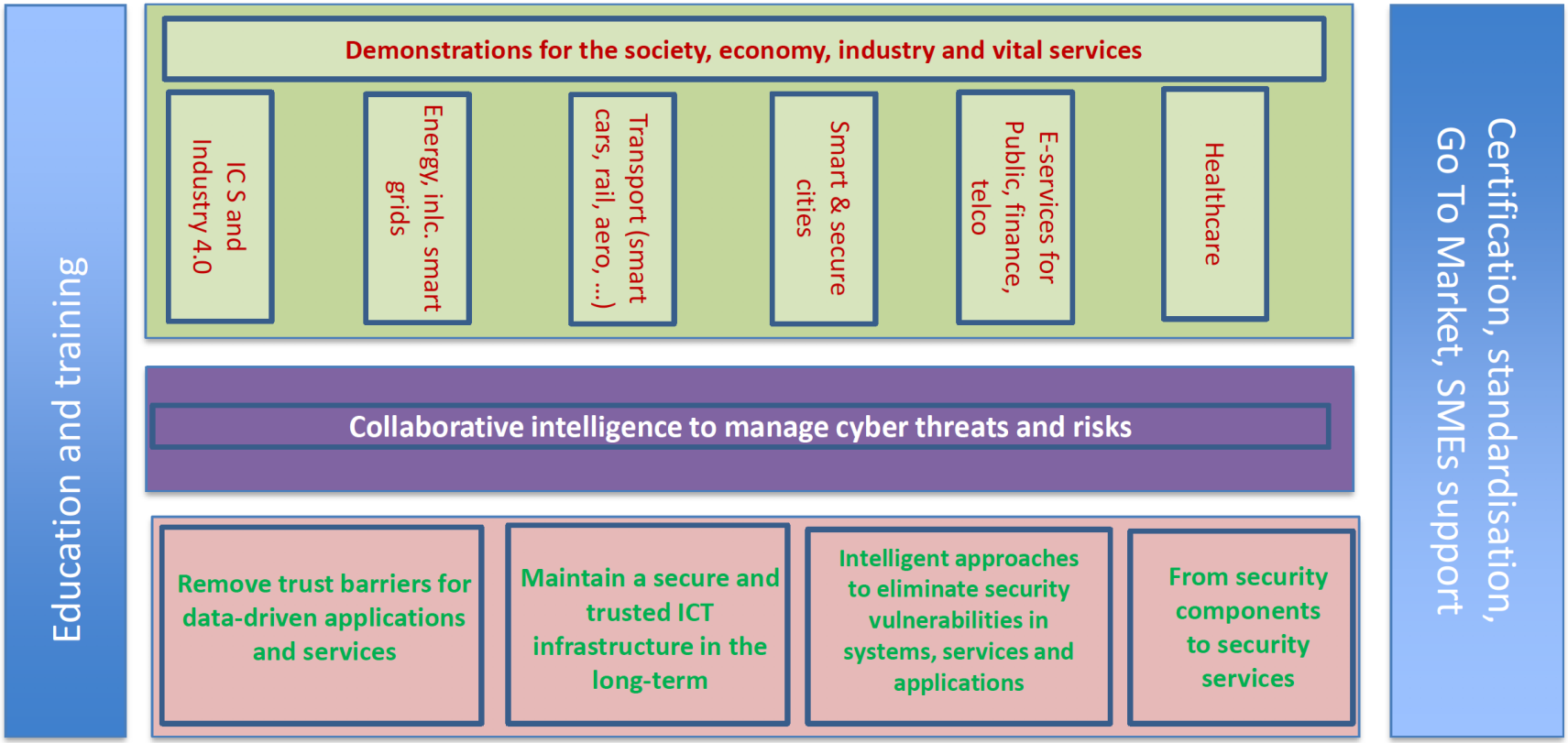
# WG1 Calendar



# From basic R&I building blocks to products



# Key issues

- Cross-certification between European countries
- Certifications for SMEs
  - As product developers
  - As users
- With the new strategy Europe wants to set up an ambitious EU Certification Framework which structure and process is under discussion between Commission, Member States and Private Sector (and in particular ECSO).

Thank you for your attention

# Questions ?