

ECSO

EUROPEAN CYBER SECURITY ORGANISATION

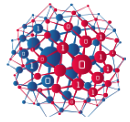


HEALTH IN ECSO (European Cyber Security Organisation)

18 October 2017

ABOUT THE EUROPEAN CYBERSECURITY PPP **ECS**

EUROPEAN CYBER SECURITY ORGANISATION



A EUROPEAN PPP ON CYBERSECURITY

The European Commission has signed on July 2016 a PPP with the private sector for the development of a common approach and market on cybersecurity.

AIM

1. Foster cooperation between public and private actors at early stages of the research and innovation process in order to allow people in Europe to access innovative and trustworthy European solutions (ICT products, services and software). These solutions take into consideration fundamental rights, such as the right for privacy.
2. Stimulate cybersecurity industry, by helping align the demand and supply sectors to allow industry to elicit future requirements from end-users, as well as sectors that are important customers of cybersecurity solutions (e.g. energy, health, transport, finance).
3. Coordinate digital security industrial resources in Europe.

BUDGET

The EC will invest up to €450 million in this partnership, under its research and innovation programme Horizon 2020 for the 2017-2020 calls (4 years). Cybersecurity market players are expected to invest three times more (€ 1350 mln: leverage factor = 3) to a total of €1800 mln.

SUPPORT

European Cyber Security Organisation – ECSO Association has been created to engage with the EC in this PPP. ECSO is open to any stakeholder (public / private; user / supplier) allowed to participated in H2020 projects.

ECSO membership



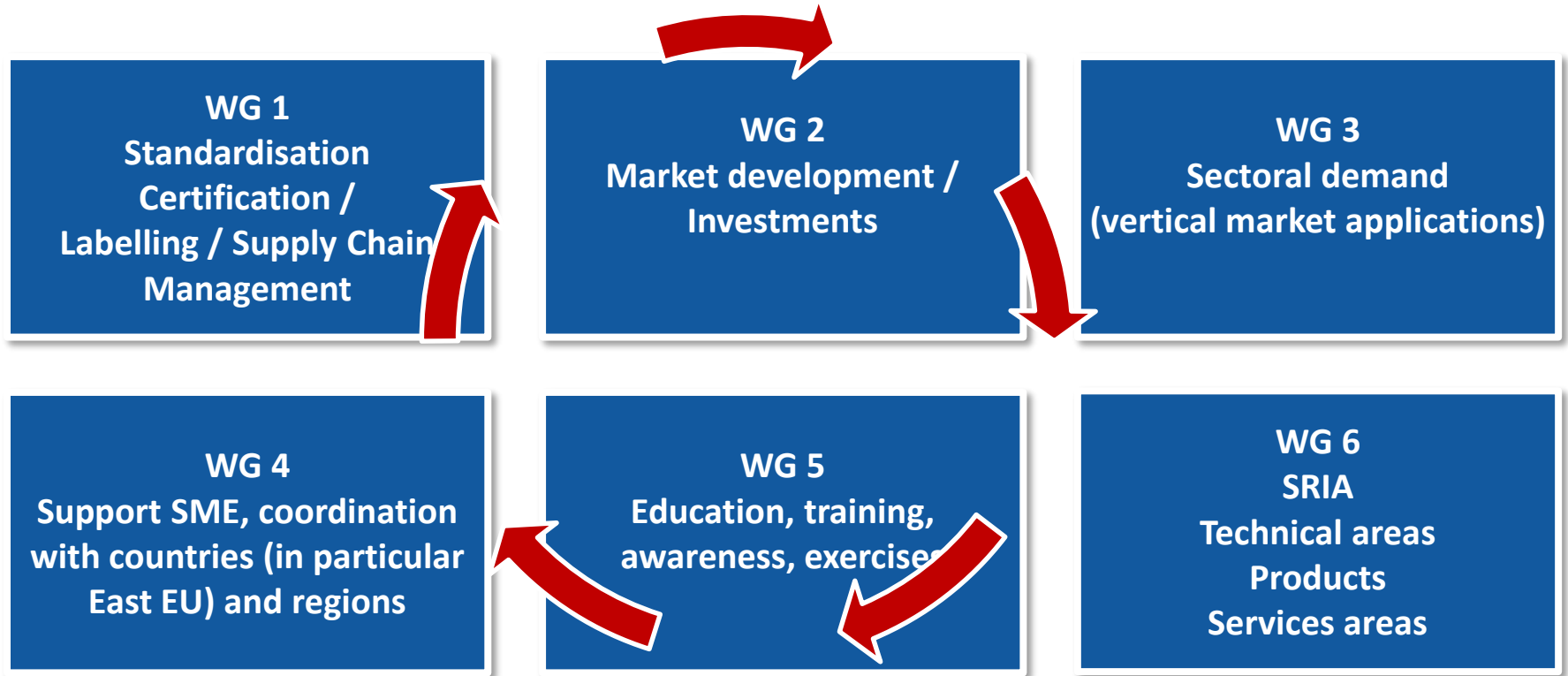
At the time of the signature ceremony of the PPP contract (5th July 2016), ECSO counted 132 founding members. Now we are **218 organisations (on September 13th 2017) from 28 countries and counting**

- Associations : 21
- Large companies and users: 70
- Public Administrations: 15
AT, BE, CY, CZ, DE, EE, ES, FI, FR, IT, SK, FI, NL, NO, PL,
UK + observers at NAPAC (BG, DK, HU, IE, LT, LU, LV,
PT, RO, SE, SI, MT, ...)
- Regional clusters: 3
- RTO/Universities: 55
- SMEs: 54

Looking for increased membership from users / operators

AUSTRIA	6	LATVIA	1
BELGIUM	11	LITHUANIA	1
BE - EU ASSOCIATIONS	10	LUXEMBOURG	4
CYPRUS	4	NORWAY	4
CZECH REP.	2	POLAND	7
DENMARK	3	PORTUGAL	5
ESTONIA	7	ROMANIA	1
FINLAND	8	SLOVAKIA	3
FRANCE	23	SPAIN	28
GERMANY	19	SWEDEN	1
GREECE	4	SWITZERLAND	4
HUNGARY	2	THE NETHERLANDS	14
IRELAND	3	TURKEY	2
ISRAEL	2	UNITED KINGDOM	9
ITALY	30		

WORKING GROUPS & TASK FORCES



SWG3.6 Healthcare

OBJECTIVES

1. Understanding of health stakeholders' needs and suppliers' available (innovative) solutions / services / technologies
2. Provide inputs to other ECSO WGs to guide their activities based on cybersecurity needs and challenges.
3. Identify key cybersecurity challenges
4. Identify key issues for market uptake of innovation
5. Improvement of trust and facilitation of information exchange

MAIN ACTIVITIES

1. Fostering a trusted community of healthcare stakeholders through:
 1. Encouraging ECSO membership
 2. Liaison with other health organizations
 3. Dissemination of the SWG activities and creating contacts
2. Identifying trends in the health market as well as cybersecurity needs and challenges in different fields: technical solutions, architectures, frameworks, standards, education and awareness, etc.
3. Proposing innovation areas for the next years

CyberSecurity in Health



SOME KEY ISSUES, CHALLENGES AND FOOD FOR THOUGHT

1. Increase in cyberattacks
2. Aging society favours eHealth services
3. Patient ecosystem: delocalized network of care services
4. Medical devices cybersecurity
5. Trust in eHealth shall be obtained through: privacy, integrity and resilience of services.
6. Trends towards exploitation of health BigData <-> privacy
7. An EU integrated Electronic Health Record <-> heterogeneous legislation within Europe

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