A Cybersecurity Competence Network with leading research, technology, industrial and public competence

Cyberwatching.eu – Concertation Event

4 June 2019

Gabi Dreo
Coordinator of CONCORDIA

CONSORTIUM

- 46 Partners
- 23 Academia
- 23 Industry and Organisations

16 Millions EU funding for 4 years

7 Millions additional funding from national authorities and industry

Cyber Ranges @ CONCORDIA

- Benefits:
  - Enhance Training capabilities for professionals (see skills)
  - Strengthen the Cybersecurity Ecosystem
  - Represents Real-World Cyber threat scenarios in a virtual environment
- Goals to achieve within CONCORDIA
  - Development of a portfolio platform to present a Federation of Cyber Ranges across Europe in order to provide Cyber training facilities to the consortium and to others
  - Sharing scenarios and best practice guidelines
- 5 Cyber Ranges within the CONCORDIA consortium - Federation
  - Research Institute CODE, Masaryk University, RISE, Université de Lorraine, Airbus

Threat Intelligence @ CONCORDIA

- Building Threat Intelligence platform for Europe
  - for sharing cybersecurity information across academic, industrial and other organizations, involving especially the European CERT community

- Developing sector-specific Threat Intelligence platforms (e.g. Telco, Finance, ...)
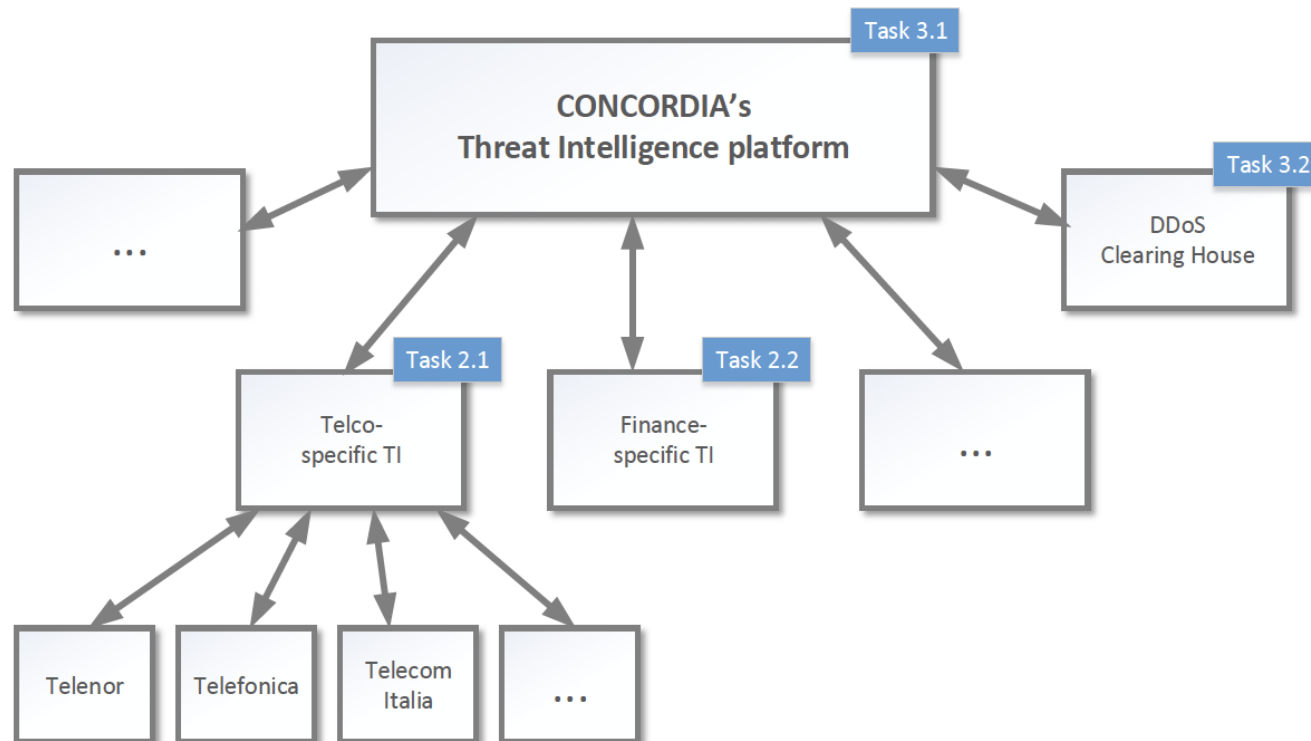
Certification and Standardization @ CONCORDIA

- A key ingredient of a successful standard is contribution from a variety of expert sources
- Having this in mind CONCORDIA is an ideal breeding ground for the exploitation and contribution to existing international best practices and the creation of new ones especially in the areas of
  - Cybersecurity measures, techniques, methods etc. and
  - Cybersecurity skills
- At the end of the applicable process, independent assessments will be carried out against these standards with the aim to provide the appropriate validation (this includes people as well as process assessments)

Cybersecurity Skills developed by CONCORDIA (1)

Skills - Community impact and sustainability

2 main objectives:

- Develop the CONCORDIA **Cybersecurity Ecosystem** with virtual labs, services and training activities
- Create a sustainable CONCORDIA European **Education Ecosystem** for Cybersecurity

Along with:

- *Threat intelligence platform – open source*
- *DDoS Clearing house – pilot*
- *Community building, support & incentive models - mechanisms*

Cybersecurity Skills developed by CONCORDIA (2)

Skills – Cybersecurity ecosystem

- Virtual labs
  - Lab infrastructure to support the development of solutions
  - Hosting infrastructure & personnel for the European Threat Intelligence platform
  - Testing and validation capabilities in support of certification
- Services
  - Portfolio of tools (public and proprietary) & best practices for design, analysis and testing of Cybersecurity systems
- Training for professionals
  - Capture-the-Flag, Red-Blue-teaming events (plan/execute/review)
  - Cyber range training – develop realistic scenarios to address the evolving cyber threat landscape

Cybersecurity Skills developed by CONCORDIA (3)

Skills – Education Ecosystem

- Pooling, and disseminating existing courses for professionals
- Methodology for creation of new courses and/or teaching materials
- Develop new courses for mid-level managers and executives
- Develop a framework for CONCORDIA certificate for courses
- Teach-the Teachers – courses and guidelines
- Networking activities

Contact

Research Institute CODE
Carl-Wery-Straße 22
81739 Munich
Germany

contact@concordia-h2020.eu

Follow us

www.concordia-h2020.eu

www.twitter.com/concordiah2020

www.facebook.com/concordia.eu

www.linkedin.com/in/concordia-h2020