



Results of the regional mapping and 1st SWOT analysis

Regione Toscana

Laura Castellani

Regione Toscana, Directorate Organization and Information systems
Department for digital transition. Infrastructures and technologies for
the development of the information society

laura.castellani@regione.toscana.it

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Main players of our ecosystem

- **n° 10 companies identified, n° 9 present at the LOCKS meeting (n° 7 SMEs)**

- 1 SME for strategic consulting on cyber security – Identify and Protect
- 1 SME 100% focused on cyber security (product, service, consulting) - Identify, Protect, Detect, Respond
- The others focus only part of their activities on cybersecurity covering some of the Cyber activity below: Identify, Protect, Detect, Respond, Recover

- *n° support organisations, including*

- **Tuscany Region, Department for Digital transition, Infrastructures and technologies for the development of the information society.**
- **Tuscany Region, Sector for Economic activities** (in charge of the ERDF funding)
- **Technology Transfer center C3T** - Tuscan cybersecurity competence center (representing several Universities: UNIFI, UNISI, UNIPI, CNR, IMT)
- **CNA**- National confederation of handicrafts (representing SMEs)
- *(n°) Chamber of Commerce, (n°) Cluster, (n°) FabLab / MakerSpace / Living lab, (n°) Federation (including Cybersecurity expert association) / Professional Union / Trade association/, (n°) Funding / Investor / Financing, (n°) Incubator / Accelerator: **NO, at the present moment.***



1st LOCKS Meeting in Florence





What are the strengths of our regional ecosystem?

Tuscany Region put in place several actions **to support the creation of a specific cyber security ecosystem:**

- Tuscany Region **Platform for Industry 4.0**, which is one of the Digital Innovation Hubs recognised by the European Commission. Cybersecurity is one of the specialisation areas of the Platform.
- The newly created **Tuscan Competence Centre for Cybersecurity (C3T)**, which aims at achieving critical mass and overcoming the lack of coordination between research institutes and universities in the region.
- TIX – Tuscany Internet eXchange (data center, etc.)
- Engagement and awareness raising activities carried out with local public authorities that could be replicated to facilitate cooperation with SMEs.

These coordination initiatives undertaken by the Regional Government support technology transfer from research to companies. Cooperation makes sharing skills and knowledge easier, also in an attempt to identify skilled work force in the sector



What are the weaknesses of our regional ecosystem?

- Lack of user awareness (companies and citizens) and linked lack of investment allocated before becoming victims of attacks. Users should be helped with:
 - training (following the example of compulsory training on job safety and health),
 - dissemination events sponsored by projects,
 - classes for Board members,
 - enhanced role of business support associations.
- The lack of talents is the most relevant problem for companies active in the cybersecurity sector
- Lack of a specific degree on cybersecurity in Tuscan universities.

POSSIBLE SOLUTIONS



Develop a stronger link between companies and research



Design specific degrees /training on cyber



Organise awareness raising events on cyber security threats and topics



Flagship initiative

NEW! → Tuscan Competence Centre for Cybersecurity (C3T)

C3T is dedicated to companies and local public administration.

University of Firenze, Pisa and Siena, National Research Centre (CNR), Superior study Institute of Lucca IMT and Tuscany Region participate in C3T.

C3T target is to overcome the lack of coordination between research institutes and universities in the region.

C3T can favour the creation of a specific degree on cybersecurity in Tuscan universities and help increase the connection and cooperation between research and cyber companies

C3T supports the policies of Industry 4.0 on the topic of cybersecurity



Success story

Examples from Large Companies (i.e. Thales Italia) have already been identified

STILL waiting for SMEs, who are members of the LOCKS to contribute

So far, PRIORITY given to the Regional Mapping exercise



NEXT EVENTS in Tuscany

The Italian Conference on Cybersecurity (ITASEC) 2019
will be in Pisa - February 12, 2019 - February 15, 2019

<https://infosec-conferences.com/events-in-2019/itasec/>

After the LOCKS Meeting, CNA **National confederation of handicrafts (representing SMEs)** will organize in March 2019 a meeting about CYBER with its associates

2nd LOCKS meeting in May or June in Florence



CYBER
Interreg Europe



European Union
European Regional
Development Fund

Thank you!

Questions welcome

