

TANIA Bilateral Exchange meeting

Florence (Tuscany), 7 March 2019

Palazzo Bastogi, Sala Collezioni – Via Cavour 18, Firenze

Abstract

As part of the TANIA European project “Treating contamination through (nano)remediation”, Tuscany Region and ASEV (by the regional Technology District for Advanced Materials) launched an exchange and participation process between international partners and local actors (institutions, companies, research organizations) focused on innovative solutions for environmental remediation aiming to:

understand the connections between Innovation and Environment, starting from an analysis of the current regulations (at national and EU level) and the existing innovative technological solutions, and evaluating the opportunities for an experimentation and subsequent integration in the reclamation and recovery actions of water and soil,

identify the value and benefits that the development of dedicated policies and strategic investments could produce looking at an industrial and territorial requalification of the regional brownfield areas,

formulate proposals to be developed in the context of the regional Smart Specialization Strategy (RIS3), circular economy and industrial modernization (4.0) policies.

In this context, Tuscany Region has adopted the strategy and the Platform Industry 4.0 as a strategic and programmatic reference framework for the "Remediation 4.0" component, within which to promote activities / laboratories for research and experimentation, also in order to tackle the whole technical and regulatory difficulties that limit the start-ups.

The Bilateral Exchange meeting with the Region of Crete provides an opportunity to deepen the topics related to the Strategy and the Platform Industry 4.0, as well as on the IT tools that the platform is equipped with.

The BE meeting will be completed with a study visit to the Laboratories of the University of Pisa (Crosslab).

Agenda

9.30 – Registration of participants

9.45 – Introduction

Lorenzo Sabatini, ASEV/TD Advanced Materials (TANIA Project coordinator)

10.00 – Presentation of the Region of Crete

Katerina Rousaki, Region of Crete, Coordinator of the Knowledge Sector in RIS3 Crete
The Smart Specialisation Strategy of the Region of Crete: RIS3 Crete

10.15 – The RIS3 of the Tuscany Region

Emanuele Fabbri, Tuscany Region, Managing Authority of the ROP
An overview of the regional Smart Specialization Strategy and the connection with environmental issues after the mid-term review

10.30 – Presentation of the Regional Strategy and the Platform Industry 4.0

Albino Caporale – Tuscany Region (DG Economic Development)
The genesis of the regional strategy i40: from the planning documents to the realization of the i40 platform

Caterina Brizzi – Tuscany Region
Simone Genovesi - Uplink Web Agency Srl
Cantieri.it: an operational tool for enterprises

Monica Colom – Tuscany Region
Annamaria Donnarumma – SIRIS Academic SL
Nicola Melluso – SIRIS Academic SL
Toscana Open Research: the regional research and innovation observatory

11.45 – Q&A

12.45 – Conclusions

Albino Caporale – Tuscany Region (DG Economic Development)

DAY 2

Venue: visit to the Laboratories of the University of Pisa (Crosslab) – Via Caruso 16, Pisa

The CrossLabs are interdisciplinary and integrated laboratories, which cover all key areas of industry 4.0.

They are not only places of advanced research, but also real laboratories, where ideas, knowledge and tools are made available to local enterprises.

The CrossLabs represent, especially for the Tuscan SMEs, an opportunity to have access to the tools and knowledge necessary to move towards the new industrial revolution.

11.00 – Welcome address

11.15 - Presentation of the Department and Crosslab (Prof. Fulvio Gini)

11.30 - Presentation of CrossLab Cloud, BigData & Cybersec (Prof. Carlo Vallati)

11.45 - Visit to CrossLab Industrial IoT (Prof. Stefano Giordano)

12.00 - Visit to CrossLab Augmented Reality (Prof. Pasquale Scilingo)

12.15 - Moving to the Piaggio Centre (Largo Lazzarino)

12.30 - Visit to CrossLab Additive Manufacturing (Prof. Simone Genovesi e Prof. Carmelo De Maria)

12.45 - Visit to CrossLab Robotics & Advanced Manufacturing (Prof. Lucia Pallottino)

13.00 - End of the visit and of the BE Meeting.