

## Peer Review Visit – TRIS Project

March 29-30, 2017  
Bologna (Italy)

### AGENDA

**29/03            9:30 - 17:30**

**Venue:**

**Emilia-Romagna Region, Via della Fiera 8, Bologna - Room “Piano Ammezzato”**

**9:30 - 9:45       Welcome address**

Paolo Ferrecchi (General Director, Directorate general for Territorial and Environmental Care, Emilia-Romagna Region)

**9:45 – 11:15    Presentations of visiting organizations**

**Sweden**

1. Energy Kontor presentation  
Sarah Nillson, Pierre Ståhl
2. Heidi Samuelsson, Assistant Manager, Regional development sustainable growth at Region Kronoberg (County Council of Kronoberg)
3. Cecilia Axelsson, Environmental strategist at Älmhult Municipality
4. Åsa Garp, Energy and environmental strategist at Lessebo Municipality
5. Maria Unell, Director at Miljö Linné /Refarm 2030

**Spain**

6. Myriam Fernández Herrero, Director General for Financing and European Funds of Valencian Community
7. Enrique Moltó García, IVIA Director of Valencian Institute of Agrarian Investigations (IVIA)
8. AIDIMME presentation  
Vicente Rocatí, Deputy director; Ana Hurtado, Joan Pau Plaza Villanueva
9. IVACE presentation  
Francisco ALVAREZ MOLINA, Director General for Economy, Entrepreneurship and Cooperativism at IVACE, Rafael ESCAMILLA DOMINGUEZ, Head of the European Programme Service at IVACE, Paco Ferrando, IVACE

**11:15- 11:30    Coffe break**

**11:30 – 11:50   Overall presentation of Emilia-Romagna Region: setting the scene (ASTER)**

- 11:50 – 13:00 **Focus: regulations on industrial symbiosis and circular economy in Emilia-Romagna**  
Leonardo Palumbo and Manuela Ratta (Emilia-Romagna Environmental Regulation Service on waste)
- Circular Economy Law - Targets and tools introduced by the regional law  
Emilia Romagna is the first European region having introduced a Regional law facilitating Circular economy
  - Waste Management in Emilia-Romagna - Strategies and tools
- 13:00 – 14:30 **Transfer to restaurant and lunch**  
Trattoria San Sisto Bologna (Via San Donato 194, Bologna)
- 14:30 – 15:00 Transfer to Herambiente Waste Separation Plant by bus
- 15:00 – 17:00 **Study visit at [Herambiente Waste Separation Plant](#)** (Via del Frullo 3/f, Granarolo dell'Emilia, Bologna).  
Advanced waste separation plant including two separate lines for monomaterial and multi material waste from separate and bulk waste collection. The plant belongs to Herambiente, one of the largest multi utility companies in Italy based in Emilia-Romagna, managing yearly 5,5 mln ton/yr urban waste and 3,9 mln ton/yr industrial waste.
- 17:00-17:30 Return to Bologna Central Station
- 19:30 **Meeting point for dinner**  
Piazza Maggiore, in front of S.Petronio Church
- 20:00 - 22:30 **Dinner**  
Cantina Bentivoglio (Via Mascarella 4/b Bologna)

**30/03 9:30- 15:30**

**Venue: Aster, CNR Research Area, Via Gobetti 101, Bologna - Room 214**

- 9:30 - 9:50 **Welcome address and introduction on ASTER activities**  
Valeria Bandini (Europe and International Unit Manager, ASTER)
- 9:50 – 10:30 **The Smart Specialization Strategy of Emilia-Romagna and the Regional High Technology Network**  
Giorgio Moretti (Industrial Research Unit, High Technology Network Manager, ASTER)  
The HTN is a network of laboratories and innovation centers. HTN laboratories are facilities mainly engaged in industrial research, development of the results of applied research and disclosure of such results. 44 of the Network's 82 laboratories are facilities sponsored by regional universities and research establishments, the other 38 laboratories are privately run, their main object being research and development for business. Several of these laboratories are the result of academic spin-offs.
- 10:30 – 10:45 **Opportunities for startup mobility from ASTER**  
Sveva Ruggiero (Startup Unit and International Projects Development, ASTER)
- 10:45- 11:15 **Discussion and evaluation of potential synergies**
- 11:15 – 11:30 **Coffee break**
- 11:30 – 12:45 **Focus: innovation and industrial research on industrial symbiosis in Emilia-Romagna**  
Ongoing innovation projects financed by the regional ERDF Program and other EU projects on industrial symbiosis involving the HTN laboratories.
- [Food Crossing District](#) – ERDF Program, Emilia-Romagna  
The project aims at developing two valorization value chains for byproducts of the tomato and grain industry. The project involves two large companies located in Emilia-Romagna, Barilla and ARP Tomato/Consorzio Casalasco  
Speaker: Tullia Gallina Toschi (University of Bologna, CIRI Agrofood)
  - [Surplus Mall](#) - EIT Climate-KIC  
The project aims at realize a feasibility study for the implementation of a cloud platform to exchange scraps resulting from the metal and chemicals value chains.  
Speaker: Fabrizio Passarini (University of Bologna, CIRI Energy Environment)
  - [Storm](#) – EIT KIC Raw Materials  
The project objective is to implement a long term self-sustainable excellence network dedicated to provide services to external customers for the implementation of innovative, sustainable business and cooperation model solutions for the all-round recycling and/or exploitation of raw materials from end of life complex products with more attention for secondary products.  
Speaker: Paola Sposato (ENEA)
- 12:45 – 13:30 **Evaluation and one-to-one networking opportunity**
- 13:30 – 14:30 **Lunch at CNR Canteen**

14:30 – 15:30 **Good practices: TRIS partners discussion**

Each partner presents one good practice according to the template proposed by Energie Kontor

- ENERGIE KONTOR
- AIDIMME
- IVACE

## SPEAKERS PROFILES

### Emilia-Romagna Region

#### **Leonardo Palumbo**

Technical officer of Emilia-Romagna Environmental Regulation Service on waste, remediation and public environmental services.

Reference person for:

- Implementation of the Regional Waste Management Plan;
- Monitoring of the Regional Waste Management Plan implementation, with a special focus on waste flows towards treatment plants;
- Regional Byproducts Coordination Group.

#### **Manuela Ratta**

Officer of the Emilia-Romagna Environmental Regulation Service on waste, remediation and public environmental services.

Reference person for:

- Implementation of the Regional Waste Management Plan
- Forum on Circular Economy
- Agreements for the reduction and reuse of waste.

### Aster

#### **Valeria Bandini**

She holds a Degree with Honours in Economics and Business Administration and postgraduate degrees on local development and international cooperation. She's been working in ASTER since 1992. Her focus is on European policies and programmes and she's dedicated to improve the access to European programmes and funds, the design and development of EC funded projects, the development of international relations and ASTER participation to EU and international networks to promote the regional research and innovation system.

#### **Giorgio Moretti**

He has been working for the last 25 years on policy and instruments to strengthen cooperation between researchers and industry. In the last 12 years he has been working on regional programmes for research and innovation, in particular on design and management of actions address to R&D in research labs and companies. Now he's High Technology Network manager and the coordinator of technical assistance to supporting Emilia-Romagna Region in the implementation of Smart Specialization Strategy.

#### **Sveva Ruggiero**

Master degree in International Relations. She is in charge of EU projects planning and management and of the organization of the Start Cup, the regional business idea competition. Her main fields of activity are: startup support, Lifelong Learning actions, Cultural and Creative Industries, Regional policies for entrepreneurship development.

#### **Sara Picone**

Ph.D in Environmental Technology from the University of Wageningen in the Netherlands, she's specialized in environmental risk factors from soil contamination. Within ASTER, she supports the

coordination of the Energy and Environment Platform, managing and designing European funded projects on environmental topics with a technical character. The themes she deals with are renewable energy and the bioeconomy.

#### **Ugo Mencherini**

Ph.D in "Mechanical engineering and Advanced engineering sciences" from the University of Bologna. Referent for the thematic area "Mechanics and Materials", with a focus on industrial symbiosis, circular economy, sustainability and energy efficiency. He's author of several scientific papers published on national and international journals and is a registered journalist.

### **University of Bologna**

#### **Prof. Fabrizio Passarini**

Associate Professor of Chemistry of Environment and Cultural Heritage. Head of the Local Organizational Unit (UOS) in Rimini of Dept. Industrial Chemistry "Toso Montanari".

Vice-director of the Interdepartmental Centre for Industrial Research "Energy & Environment", University of Bologna

Member of the Technical-Scientific Committee of "Ecomondo. The Green Technology Expo".

#### **Prof. Tullia Gallina Toschi**

Full professor at the University of Bologna, coordinator of the research group of instrumental and sensory analysis of food, directs the research interests to the study of methods for verifying the food authenticity, with a special interest in the vegetable oils and fats, in particular olive oil. She studies also food innovation, re-use of by-products and virtuous interactions in the research & development, such as the industrial symbiosis.

She coordinates international and national research projects, collaborates with many universities and institutions in Europe, disseminates the research activities, is President of the UNIBO Committee of Guarantee and Deputy Rector for the Wellness at work.

### **ENEA**

#### **Paola Sposato**

Researcher at the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA). She holds a degree in Industrial Design at ISIA- higher Institute For Artistic Trade (Italy), and a Master degree in "Eco-design & Eco-innovation. Tools and strategies for environmental product design" at University of Camerino (Italy) and "Environmental Communication. Journalism, dissemination and green economy" at CTS Studies Centre - high education for tourism, communication and the environment (Italy). Her research is mainly connected to sustainable development issues with a special focus on circular economy and resource efficiency (eco-design, life cycle assessment, industrial symbiosis, environmental certification schemes). She has been involved on a number of international research and projects, mostly connected to SME's eco-innovation tools and strategies.

### **HERAMBIENTE**

#### **Federico Foschini**

#### **Daniele Ceccanti – Waste Separation Plant Responsible**