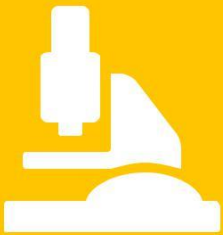




Interreg Europe



European Union
European Regional
Development Fund



TRIS Staff Exchange Report

Staff Exchange 2

1. Participants

HOI: Herman Ottó Institute Nonprofit Ltd. (sending organization)

HOI is the background institution of the Ministry of Agriculture. The Environmental DG supports the Ministry in the areas of environmental monitoring, status assessment, policy and strategy preparation, regulation and impact assessment. HOI has an extensive experience in waste management and the application of waste hierarchy (prevention, reuse, and landfill). HOI conducts research in classification of substances as a waste or by-product helping the implementation of circular economy.

Ms. Anna Boglárka Pomucz took part of the staff exchange. Started in HOI in August 2017. Her background is on sustainable development, sustainable regional development and sustainable tourism, she was PhD student in the Environmental Economic Department at Budapest University of Technology and Economics. She currently works as environmental consultant within HOI in the Waste Management Department.

AIDIMME Metal-processing, Furniture, Wood and Packaging Technology Institute (co-hosting organization)

AIDIMME is a private business association, not for profit, resulting from the merger in 2016 between AIMME and AIDIMA, and it is dedicated to research and technological development for industrial companies. It has the support of the main business organizations of the reference sectors, such as FEVAMA and FEMEVAL.

IVACE: Valencian Institute of Business Competitiveness (co-hosting organization)

The Valencian Institute of Business Competitiveness, IVACE, is a public entity, whose aims are the management of the industrial policy of the Generalitat and support for companies in the field of innovation, entrepreneurship, internationalization and attracting investments, as well as the promotion of technological enclaves, the industrial safety of products and industrial facilities, metrology, vehicles and companies and the promotion of savings, energy efficiency and renewable energy sources, as well as the management of the energy policy of the Generalitat.

2. Staff exchange main topics and program

The main focus of the staff exchange were sustainability and circular economy initiatives.

The first day was focused on technology application. The exchange started with a visit to the two venues that AIDIMME has in Paterna. All the laboratories were visited, as well as the materials library. Regarding the technical aspects, three LIFE projects were introduced (Life Empore, LIFE2Acid and LIFE in Brief). After the lectures, LIFE in Brief site was visited, the project prototype, located in Vall d'Uixó, consists of a Biogas Plant where actions are being taken in order to transform waste in fertilizers.



AIDIMME visit



LIFE in Brief explanation

During the second day, the Valencian Network of Technical Institutes (REDIT) was visited. In REDIT, the Enterprise Europe Network (SEIMED) was shown. SEIMED is a network to help SMEs develop their full potential and innovative capacity through internationalization, technology transfer and access to finance.

Back in AIDIMME, another environmental project, REMAKE, was explained. REMAKE was an European project that, among other actions, included eco-innovation vouchers for helping SMEs in taking eco-efficiency actions through innovation. At the end of the lecture, TRIS approach at the Comunitat Valenciana was summarised.

Finally, an Industrial Urban Water treatment facility was visited. In that company, some projects related with energy recovery from waste were shown.



REDIT



Urban Water treatment facility

During the third day the IVACE site (the other TRIS Valencian Partner) was visit. In this part the thematic areas in the IVACE that match the objectives of the TRIS project were shown, such as:

- Research and innovation programmes
- Energy and industrial areas
- Waste strategy and main actions. Sectorial and geographic view.

3. Lessons learnt

A – Utility and activities of technological centres and their network in the Valencia region

In the region of Valencia, there are many technological centres that are specialized for industry sectors. They established in the 80s because of the needs of the industry. They are independent and partly public partly private funded. AIDIMME partner of the TRIS project is one of them; it is the technology institute on metal-processing, wood, furniture, packaging. The different technological centres perform outstanding and high level research, technological development and innovation work coordinating and participating in national and European projects. They support SMEs in order to improve their competitiveness through R&D&I.

REDIT (Network of Institutes of Technology in the Valencia Region) is the association of the technological centres of the Valencian Community. AIDIMME also belongs to this network. REDIT is working in three main areas: representing the common interest of the technological centres, acting like a Think Tank and generating knowledge through reports and studies and encouraging collaboration between the technological centres. They also provide trainings for companies related to sustainability and environmental protection, they are partner in the Enterprise Europe Network and coordinating many activities related to LIFE projects.

B – Correspondence between different projects

The colleagues from AIDIMME presented four of their projects, three of them were LIFE projects (Life Empore, LIFE2Acid and Life in Brief) and the fourth one called REMAKE (CIP project), was devoted to promote SME's sustainable projects through innovation vouchers.

The three LIFE projects were related to waste water treatment, eco-efficiency of galvanization, and energy –waste valorization. It was visited the pilot plant of the last one, which consists of using digestate waste from biogas plant to produce fertilizer.

The main correspondence of the LIFE projects was that the technology adaptation means 80% of the success.

C – Good examples for research and innovation programs for SMEs

The project partner IVACE (Valencian Institute of Business Competitiveness) is a public entity of the Valencian government attached to the Regional Department of Economy, Industry, Tourism and Employment. The institute has different objectives like managing the industrial policy, business support for innovation, attracting investment and promoting technological clusters, energy efficiency and renewable energy sources, as well as the management of the regional government's energy policy.

They have an R&D&I plan and they provide support for SMEs regarding innovation and improve business competitiveness through non-refundable grants, software, consultancy etc. The main supported fields are R&D, R&D with cooperation with bigger company, innovation related to new products, new processes, digitalization or development of new software. They also give start-ups a hand to set up their activities.

D – Industrial parks and their scopes

Industrial parks provide good opportunity for industrial symbiosis. IVACE has five industrial parks and they are developing a database about all the industrial parks in Valencia region. This database will contain information about the infrastructure, size, information about the companies already working in this park, the transport ways etc. of the industrial parks. This database and the co-workers of IVACE can support new companies to choose the most suitable place for their activity and it can also support cooperation toward industrial symbiosis

4. Follow up actions

The participant from HOI will create a report of the exchange. Furthermore, the initiatives as well as highlight and insights will be presented in the meeting of the local IS network (<https://ifka.hu/green-economy/news/tris-is-local-lab-meeting>). A similar presentation was given to HOI co-workers.

Annex I. TRIS Staff exchange Valencia Agenda. March 20-22 2018.

- **Tuesday 20**

Technology Application AIDIMME & Company visits

AIDIMME. Parque Tecnológico - Avda. Leonardo Da Vinci, 38, 46980 PATERNA (Valencia) SPAIN

08:30-10:15h	General Presentation AIDIMME. Sustainability-related activity.
10:15-11:00h	LIFEs at AIDIMME: Life Empore, LIFE2Acid and LIFE in Brief
11:00 – 11:15h	Coffee
11:15-13:30h	LIFE in Brief Site. Biogas Plan where waste are transformed in fertilisers. Companies benefiting from these fertilisers.
Lunch	
Free afternoon	Actions to be facilitated if desired.

- **Wednesday 21**

Technology Application AIDIMME & Company visits

08:30 -09:30 h	Network of Technical Institutes (REDIT). Environmental actions.
09:30-10:15 h	Eco-innovation vouchers. REMAKE / RENEW
10:15-10:45 h	TRIS approach at the Comunitat Valenciana.
10:45 -11:00 h	Coffee
11:00 - 13:30h	Industrial and urban Water treatment facility with novel abatement techniques and recovery and valorisation of different sub-products.
Lunch	
Free afternoon	Actions to be facilitated if desired.

- **Thursday 22**

Policy definition and implementation, IVACE

IVACE, Ciutat Administrativa 9 d'Octubre - Tower 2

C/ de la Democràcia, 77, 46018 - VALÈNCIA

08:45-09:30h	Generic Presentation International Area IVACE. TRIS at IVACE
09:30-10:30h	Research and innovation programmes at IVACE. Support and incentives to circular economy projects. How programmes are defined
10:45-11:15h	Other areas in IVACE: Energy and industrial areas.
11:15-11:45h	IS labs in IVACE. Stakeholders involved.
12:00-12:45	Environment regional Ministry. Waste strategy and main actions. Sectorial and geographic view.
12:50-13:30	Wrap up and conclusions.
Free afternoon	

