



GREENOMED NEWSLETTER

Issue no.8

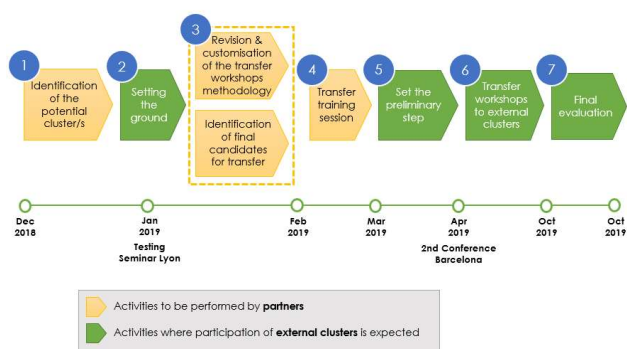
December 2018 – January 2019



EURECAT: Transferring the GREENOMED methodology

In parallel with GREENOMED testing activities, now the GREENOMED transferring activities are in the forefront of the GREENOMED project as well. Enabling the consortium not only to transfer the GREENOMED methodology to other clusters external to the partnership but also to share their testing experience with them. The Transferring WP aims at transferring the GREENOMED methodology and services tested during the project and optimized according to testing results. The target beneficiaries of the transfer actions are the clusters and the regional administrations.

At the end of the project, we will have transferred the methodology to at least 4 clusters external to the partnership and 4 regional administrations which are associate partners of the GREENOMED project. Preliminary identification of beneficiaries of the methodology and interests gathered so far indicates that we will at least duplicate the number of clusters reached. The transferring steps to be done for transferring to clusters are pictured in the following graphic:



After the initial identification of clusters, in the 29th of January we had the Testing and Transferring Seminar in Lyon. The clusters identified were invited to this seminar where we had a working session to *set the ground* about Transferring activities. We collected their feedback about the transfer workshops in which they will receive the GREENOMED

methodology and about the applicability and usefulness of the GREENOMED methodology in their organization, as well as the benefits of participating in GREENOMED project. Inputs received were quite relevant for fine-tuning the transfer workshops and to describe the added value of GREENOMED for external entities in order to engage them in the project. The next transferring action with clusters external to the partnership will be done in Barcelona in the framework of the 2nd GREENOMED Conference. We invite you to participate in this Conference. Soon you will receive more details about it!

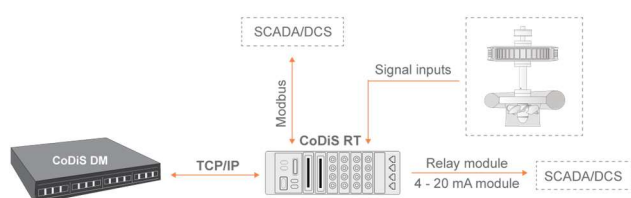


CIE's Living Lab: VESKI Zagreb, Croatia

Continental Croatia is one of the involved regions in GREENOMED. Two partners from the region are engaged in implementation of GREENOMED transnational cooperative methodology. Cluster „Inteligentna energija“ (CIE) is one of the Croatian partners which has implemented the GREENOMED methodology with a specific focus on energy efficiency, waste management, recycling and eco-innovation in manufacturing. These topics are also among the areas focused by the Vanguard Initiative. Aligned with the testing activities in GREENOMED, CIE also contributes to the creation of one Living lab as a part of the network of GREENOMED living labs. Accordingly, in collaboration with Driope, CIE organized the **first Living Lab workshop on**

December 21st of 2018 in Zagreb, Croatia, on the premises of the company Veski. This living lab was presented to the work group members, HELB d.o.o., Pro Integrus d.o.o. and FER (University of Zagreb, Faculty of Electrical Engineering and Computing).

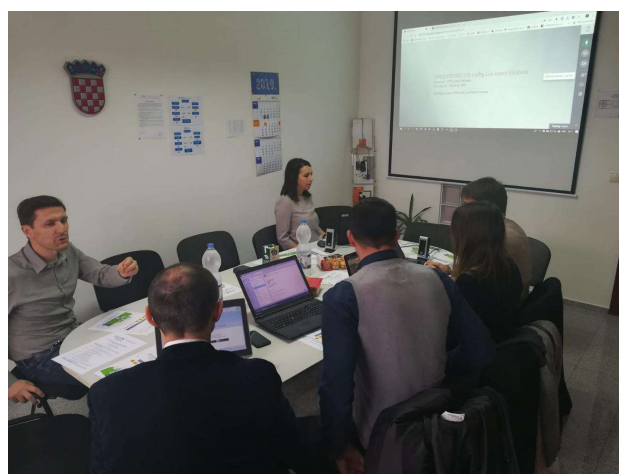
The VESKI living lab is based on a monitoring system. Energy efficiency and resource management is in the core of every business and the concept of monitoring is crucial in that regard.



With on-line monitoring and protection, companies like VESKI provide a 24 hour insight in the data regarding the efficiency of rotating machinery. The system is responsible for calculating, in real-time, all the essential parameters, and set the alarm and warning conditions for protective purposes. This module runs 24/7 and is a base of CoDiS monitoring system.

The GREENOMED living lab event provided an opportunity to engage specialized companies, as well as universities, with the aim of developing a team specialized in areas of specific interest aligned with the high priority topics for the country. In the case of VESKI living lab in Croatia, along with the presentation made by VESKI, other work group members also presented their living labs and monitoring solutions. University of Zagreb, Faculty of Electrical Engineering and Computing presented their living lab designed to monitor and control the consumption of electrical energy in business buildings while HELB presented their monitoring solutions as well as the company Pro Integrus.

CNR and AFIL also participated virtually to the living lab event presenting a big picture of opportunities that arises from GREENOMED project and the network of living labs for the regional Croatian stakeholders. During the living lab event, work group members discussed the possibilities of the system and presented other projects and living labs in their respected fields. First conclusions are very promising with potential for collaboration under the framework of the GREENOMED project.



PROJECT PROGRESS

Between December 2018 and January 2019, the activities of GREENOMED progressed with a specific focus on testing and living labs. Furthermore, the activities for transferring of the GREENOMED methodology were started and accelerated through setting up the first step of transferring in testing seminar which was held on 29 January 2019 in Lyon. The dissemination activities are ongoing in parallel as in previous periods, spreading awareness on the project and disseminate the intermediary results. More in detail:

- The **First GREENOMED Living lab event** took place in **Zagreb, Croatia**, allowing the engagement of local companies and universities specialized in energy efficiency and machine learning.

- The **First GREENOMED Testing seminar** was held in **Lyon, France**, to present the intermediary results of testing activities as well as establishing the first step of transferring activities through engagement of the clusters external to the consortium in the testing seminar.
- The **First GREENOMED political meeting** took place in **Brussels, Belgium**, engaging regional authorities and policy makers from MED regions, both from the project regions and also MED regions outside of consortium, to take a step towards the definition of a trans-regional agenda for collaborative development of pilot plants for green manufacturing.
- The transferring activities were started by identification the potential clusters external to the consortium who could be the recipient of the GREENOMED methodology.
- A **Steering Committee meeting** took place on the **4th of December 2018**, following the first political meeting in **Brussels, Belgium**.
- **56 dissemination activities** were carried out by all the partners to enlarge GREENOMED community, engaging several stakeholders in the testing activities including companies, universities, and research centres.

WHAT'S HAPPENED IN GREENOMED? (Dec 2018 – Jan 2019)

GREENOMED FIRST POLITICAL MEETING IN BRUSSELS, BELGIUM

On the **3rd of December 2018**, GREENOMED organized the “First Greenomed Political

Meeting” in **Brussels** with the support of the Lombardy Delegation, in Brussels.



The event targeted Regional Authorities and policy makers from MED regions. Regional authorities of the GREENOMED partnership from Lombardy, Catalonia, Rhone Alpes, Marche Region, Slovenia and Region of Central Macedonia, along with interested regional authorities from other MED Regions such as PACA region, Tuscany, Valle d'Aosta and Trentino Alto Adige took part in the event. Moreover Mr. Nikos Pantalos from European Commission DG GROW also joined the event giving a message about policies on interregional inclusive cooperation.

The event was opened by Ms. Valentina Pinna from the Lombardy Region delegation in Brussels. Mr. Giacomo Copani presented the GREENOMED project, objectives and expected results and impacts to the audience and afterwards Ms. Pinna presented the practical information about Vanguard initiative and joining criteria by new regions. Moreover Ms. Roberta Curiuzzi from AFIL (as the co-leader of the Vanguard ESM pilot) provided some insights about the experience of Lombardy Region in Vanguard which was then also complemented by additional insights from Catalonia region. During the afternoon session, GREENOMED partners presented the intermediate testing results in terms of achieved mobilization of

regional stakeholders and identification of priorities based on smart specialization. Moreover, they also presented about the challenges they faced during the testing process and the possible support that could be provided by regional authorities. During the discussions, the potential experience exchange of successful inter-regional cooperation was discussed in order to support the innovation potential of emerging Regions. Meanwhile regions external to the partnership raised discussions about extending the GREENOMED experience to their Regions in order to create a wider critical mass.

As a message from the European Commission level, Mr. Nikos Pantalos from DG GROW endorsed the impacts of project like GREENOMED to boost interregional collaboration under the light of smart specialisation strategy. In particular he emphasised on existing policies to reinforce such inter-regional collaborations and the important role of S3 platform as a practical tool to this purpose.

ESM PILOT NETWORK: A YEAR OF CONSOLIDATION AND IMPROVEMENT OF DEMO-CASES. BRUSSELS, BELGIUM

On 18th of December 2018, the Vanguard ESM Plenary meeting, hosted by Lombardy Region, delivered the state of the art of ESM Pilot showing the progress of demo-cases and highlighting challenges for 2019. 40 Participants from 23 Vanguard Regions attended the ESM Plenary meeting organized in Brussels. They took the opportunity to have bilateral meetings and matchmaking with pilot and demo-case coordinators, while receiving the latest updates and planning at the same time.

ESM co-coordinator and GREENOMED project coordinator Mr. Giacomo Copani opened the meeting presenting the current configuration of ESM network, which includes 20 EU Regions.

He welcomed 4 new Regions that joined the pilot in 2019, whose participation will be further integrated at demo-case level in the upcoming year.



Concerning the activities performed in 2018, actions were mainly addressed to boost the progress of demo-cases, identify and establish interlinks among them, as well as to position ESM Pilot in the EU framework to increase awareness around it in the industrial and innovation community. The main outcomes achieved were summarized in three main areas:

- **Governance**

At pilot level, it was agreed to open the coordination to a new Region that will join Lombardy and Catalonia in managing the activities and the relationships within the growing network. The process for identifying and selecting the new co-coordinator will be started in 2019 by the Steering Committee.

At demo-case level, the demo-case coordinators were asked to confirm their commitment in leading the demo-cases related activities. Accordingly, a new configuration of demo-case coordinating teams has been established for a stronger governance.

- **Strategic and transversal issue**

In order to ensure the progress of the pilot, ESM has been promoted in the frame of several synergic initiatives. Among these, the Industrial Modernization S3 Platform, in which ESM is a

registered partnership. During 2018, besides the participation to Platform events, the ESM De- and Remanufacturing demo-case is receiving technical assistance by the DGREGIO, finalized to the fine-tuning of its business model and investment plan.

In addition, representatives of the network are participating to INTERREG and H2020 projects, supporting the development of the demo-case projects as well as the empowerment of the cooperation network and the relationships among the participating regions. Some examples are **GREENOMED** Interreg MED, S34Growth Interreg Europe, SCREEN, FIBEREUSE and CarE-Service H2020 projects.

• **Events**

Several events were organized at pilot level and by the demo-case coordinators in order to disseminate the progresses achieved and work further to develop the contents of the demo-cases. In particular, ESM representatives participated to events with the aim to disseminate ESM pilot actions among the European Commission and external stakeholders (as for example the EU workshop on Technology Infrastructures and DIH Conference in Warsaw).

After this general introduction, demo-case coordinators took the floor to extensively report the results and achievements of their 2018 activities.

TESTING SEMINAR WITH PLASTIPOLIS IN LYON, FRANCE

On 29th of January 2019, the GREENOMED Testing seminar, hosted by Plastipolis, took place in Lyon, France. The event aimed at presenting the progress made in testing activities of GREENOMED. Moreover, it was also an opportunity to establish a first step towards transferring of the GREENOMED methodology to external clusters. Clusters external to the partnership attended the event and were informed about the GREENOMED

transnational cooperative methodology which is going to be transferred to them within the next few months. During a dedicated special session for clusters, their feedback and insights on the transferring methodology were discussed and further opportunities of collaboration were investigated. In parallel, a living special session took place where several GREENOMED living labs from Rhone-Alpes, Lombardy, Catalonia, Continental Croatia and Slovenia took part and discussed about their expected benefits from the designed network of living labs and potential opportunities of collaboration.



At the end of event, participants had a visit to Ampere Living lab (as the Rhone-Alpe node of GREENOMED network of living labs) at Lyon University and got detailed information about the activities, services and operation of the lab.

GREENOMED STEERING COMMITTEE MEETING IN BRUSSELS, BELGIUM

On 4th of December 2018, the 6th GREENOMED steering committee took place in Brussels. The meeting started with a wrap-up of the first GREENOMED political event and the next actions to be taken to engage regional authorities more in order to provide support for realization of the pilot plants for green manufacturing. Thereafter, GREENOMED testing partners presented their progress of



testing activities and living lab activities and their planning for the upcoming period. Moreover, partners discussed about the opportunity of Lyon testing seminar and the relevant stakeholders to involve. Discussions also took place around the transfer methodology and materials as the main parts of transferring activities, which will accelerate from January 2019.

Closing the loops: Promoting circular economy in Marche Region (EU Industrial Days) IN ANCONA, ITALIA

On 8th of March 2019, the EU Industrial Days will take place with the theme Closing the loops: Promoting circular economy in Marche Region, where our partner ACMM will disseminate our GREENOMED project.

WHAT'S NEXT IN GREENOMED?

(Feb 2019 – Mar 2019)

TPLJ LIVING LAB OPENING EVENT IN LJUBLJANA, SLOVENIA

On the 21st of March 2019, will take place the Grand opening of the GREENOMED – TPLJ Living Lab at the premises of Technology park Ljubljana. There will be Workshops dedicated to showcase of green technologies in manufacturing (focusing on VR and AR technologies), under the scope of the GREENOMED project.

A&T – AUTOMATION AND TESTING FAIR TURIN, ITALIA



On 13-15th of February 2019, the A&T – Automation and Testing fair will take place, where our partner AFIL will have a dedicated stand, and will take the opportunity to disseminate our GREENOMED project.

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