



# Training Course Report

## Deliverable 4.4.1 (Sixth progress report)

Responsible Partner: CNR-STIIMA

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<b>Project Acronym:</b>	GREENOMED
<b>Project full title:</b>	Mediterranean Trans-Regional Cooperation for green manufacturing innovation
<b>Priority Axis:</b>	Promoting Mediterranean innovation capacities to develop smart and sustainable growth
<b>Objectives:</b>	1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area
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<b>Work Package:</b>	WP4 – Transferring
<b>Activity:</b>	A 4.4 Transferring results to other Clusters
<b>Summary:</b>	The deliverable will be a report (in the format of a Word document in English language) of the training course organized for transferring purpose to Clusters and other business support organizations.
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## Revision History

Version	Status	Date	Author/Editor	Details of changes
0.1	Draft	17.02.2020	Parnia Shafinejad	First draft created
0.2	Update	29.02.2020	All partners	Updated parts by all partner contribution
0.3	First validation	24.03-2020	Laura Arribas	Review first draft
1.0	Updated draft	31.03.2020	Parnia Shafinejad	Finalize and updated the draft for submission

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## **List of abbreviations**

RP: Reporting Period

WP: Work package

LP: Project leader

MED: Mediterranean

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## **1. Executive summary**

CNR-STIIMA is responsible for the preparation, coordination and management of the task 4.4 Transferring results to other Clusters in the GREENOMED project. Regarding the task 4.3 during the 5th RP, with transferring the process to the both Clusters and Regional Authorities, the main focus of this task is to transferring the knowledge and know-how to the Business support organization or Clusters. To do so, the planned transfer action will be implemented with the regional responsible partners in GREENOMED transferring course report. The regional partners are responsible to carry out at least one transfer action per region to a Cluster or Business Support Organization external to the consortium.

The deliverable will be a report (in the format of a Word document in English language) describing the event organized and its results.

## **2. Objective of the training course**

During the 6<sup>th</sup> RP from July to December 2019 partners have been organized the transferring events in their regions by inviting the clusters with the aim at building a network and transferring the GREENOMED methodology to the external intermediaries around the green manufacturing topics. The training course aims at transferring the materials and GREENOMED methodology by each regional partner in Italy, France, Spain, Croatia, Slovenia and Greece to their Regional Clusters or Business Organization Supports. Moreover, right after the transfer event each partners launch a survey in order to evaluate the effectiveness and usefulness of the methodology and process of sessions to each clusters. To do so, CNR establish a survey which it is attached in ANNEX 1 and primary launched for the Italian clusters event with having successful results which the achieved results conducted and explained in D1.3.4 for this 6<sup>th</sup> RP.

The next session, transfer events organized by each regional partner explained.

## **3. Progress of Transfer course per Regional Partners**

### **3.1. The first transfer event in Milan, Italy**

The first GREENOMED cluster transfer event was held in Milano on 26th of June 2019. The event was organised by CNR-STIIMA, AFIL and ACMM in order to transfer the GREENOMED methodology to other Italian clusters that can potentially apply it. Five Italian clusters, external to the project consortium, attended the event namely t2i (Veneto), SIIT (Liguria), Cluster COMET (Friuli Venezia Giulia), Lombardy Energy Cleantech Cluster (Lombardy) and Maritime Technology Cluster FVG (Friuli Venezia Giulia).

During the event, CNR and AFIL presented the GREENOMED methodology along with cluster services and tools that are developed as a part of methodology to the external clusters. ACMM described their experience on how they applied the tools to offer the innovative services and going through different phases of the methodology. An open discussion was conducted to receive insights and feedback from participants about the methodology and also on how a potential collaboration can be established based on the activities done and results achieved so far in GREENOMED and potential interests of the external clusters synergic to the presented results and process.



**Figure 1. Italy Transfer event in Milan**

Following the transferring event, further opportunities of collaborations and networking have been explored, by promoting cooperation with other clusters, such as Cluster COMET, and companies represented by the cluster itself. It has been shown that the methodology can be implemented by other external clusters in order to create working groups and mobilise regional stakeholders around the topics of green manufacturing.

### **3.2. Transfer event in Spain by EURECAT**

Eurecat made different transferring actions in its region and together with other partners.

Regarding the clusters, Eurecat took the chance to integrate the transferring session of GREENOMED methodology in a half-day event for the Catalan clusters organised by ACCIO (Eurecat's third party partner) on the 28<sup>th</sup> November. In this event 10 Catalan clusters with really different knowledge focus (wine, beauty, packaging, habitat, photonics...) received the transferring information from Eurecat, spreading the GREENOMED methodology to a big variety of sectors.

As stated during the session and concluded after it, the GREENOMED methodology brings two main benefits for the clusters:

- The link to other working groups ongoing at Vanguard initiative. After the presentation it was clear that some of the Catalan clusters could make the link to other working groups that are focused on Advanced Manufacturing topics different from the Green manufacturing.
- The internal use of the tools generated to animate the cluster. Some of the tools generated by GREENOMED project that are linked to specific steps of the GREENOMED methodology can also be used as a tool for animating the cluster, such as the topics identification tool.

Apart from this event, Eurecat also contacted Cluster MAV and CEP cluster, both clusters also participating in the event the Lyon transferring session, to have this transfer action.



Regarding the regional administrations, Eurecat conducted two concrete transferring actions. On one side, Eurecat had a bilateral meeting with ACCIO (the Catalan regional administration and third party) on the 20<sup>th</sup> November 2019 to explain the advancements in the GREENOMED project, and specifically those related to Catalonia, as well as to state the benefits of the GREENOMED methodology. This was a preliminary action to the final transferring event in Milano. Eurecat also explained about the transferring event in Milano, aims and needs from ACCIO.

### 3.3. Croatian Transfer event in Zagreb

The CCE Varaždin and the Cluster Intelligent Energy organised and held a seminar for representatives of Croatian clusters, entrepreneurial support institutions on Tuesday, 19th November 2019 in Zagreb, in the premises of HUB385.

The goal of the seminar was to transfer the GREENOMED methodology which provides instruments and tools developed in this project and enables harmonisation of development of entrepreneurial innovative projects with Vanguard initiatives and Smart specialization strategies. At the transferring event held by both Croatian partners three further clusters and two entrepreneurial support institutions, both among the strongest institutions in Croatia, were represented. The GREENOMED methodology is presented and handout “An Introduction to GREENOMED Transnational Cooperative Methodology” translated to Croatian language was delivered to participants.



Figure 2. Croatian Transfer event in Zagreb

Discussion that followed the presentation of overall GREENOMED methodology showed that cooperation between all types of stakeholders is crucial for consolidation and further development of eco-system in Croatia.

### 3.4. Greece transfer event in Thessaloniki

i-BEC with the support of CNR-STIIMA and AFIL, organised on the 15th of October in Thessaloniki the GREENOMED transferring event dedicated to clusters and business associations of Greece. The event joined representatives of the Agri-food cluster of Central Macedonia (Ag-Cluster) as well as representatives from the Greek Exporter Association (SEVE). During the transferring event, a set of services and tools developed through the GREENOMED project were presented to the participants with the goal to further utilization them through their organizations. Representatives from both

organizations stated that the provided tools through the GREENOMED project as well as the developed cooperation methodology in the frame of green manufacture are of great usefulness and in a great degree applicable to their organization.



**Figure 3. I-BEC Transfer event**

To that end, in both of them, a set of GREENOMED material has been provided for further exploitation through their organizations. Moreover, the Chief Director of SEVE stated his willingness to keep in contact with GREENOMED community even after the duration of the project in order to organize common activities in the future.

### 3.5. France Transfer event by Plastipolis

Plastipolis organised a transfer session for cluster on 28th of August 2019 by phone in order to involve as many clusters as possible. Plastipolis made a presentation to 8 Auvergne-Rhône-Alpes clusters:

1. Arnaud BOCQUILLON – VIAMECA
2. Laure HUGONET – AXELERA
3. Kim PICARD-CHAIBI – TECHTERA
4. Amélie BRU-CHAMBET – ELASTOPOLE
5. Valérie ROCCHI – GRENOBLE INP
6. David VITALE – MINALOGIC
7. Alain GOJON – TENERRDIS
8. Jean-Marc ANDRE – MONT BLANC INDUSTRIES

The meeting objective was to explain the methodology to clusters to make them use it in their field of activities, as all of them implement different actions and programs regarding smart and green manufacturing.

### 3.6. Slovenian Transfer events

On 2.10.2019 Technology park Ljubljana hosted the Transfer event to Clusters at the premises of Institute Jozef Stefan, the largest research institution in Slovenia. At the event we hosted the Project coordinator Giacomo Copani who presented the Greenomed Project and Methodology. The second part was dedicated to the Slovenian experience in applying the Greenomed methodology. The Greenomed methodology was successfully transferred to 4 Slovenian cluster organizations: SRIP FOF (Strategic Research and Innovation Partnership of the Factories of the Future), SRIP HEALTH/SIS EGIZ - (Strategic Research and Innovation Partnership Health), SRIP PMiS (Strategic Research and Innovation Partnership Smart Cities and Communities) and the ICT Horizontal (Coordination for all SRIPs).



Figure 4. TPLJ transfer event in Slovenia

After achieving significant results at the end of the project, on 19.11.2019, a formal Transfer to policymakers meeting took place at the Government office for development and European cohesion policy. The results of the TPLJs work on two business cases in Slovenia were presented and the possibility of the placement of the cases in an international setting was presented.

On 23<sup>rd</sup> and 24<sup>th</sup> of December PTP organized transfer events with ITC and DIH clusters in Slovenia. However, PTP identified several clusters (in Slovenia also under abbreviation SRIP=Strategic Development Innovation Partnerships) as potential target for Testing as well as for Transferring activities. For Testing they focused on SRIP Circular Economy (inside more concretely with Štajerska Chamber of Commerce – in charge of SRIP CE and IOS-Institute of Environment Protection and Sensors, later handled by second Slovene GREENOMED partner TPLJ) and SRIP Food (Slovene Chamber of Food Enterprises) at the end they identify “new” players. With those who made workshop where participants were trained on real-case basis.

With a help of Pomurje Chamber of Commerce (Competence center for HR in food industry) DIH Agri-Food and also the ITC Cluster identified which for its offices uses same location as PTP. The was two reasons for this choice: the new formation of Working Group for Food Industry within GREENOMED (perfect fit is very active DIH A-F) and unsuccessful implementation in Testing phase

with SRIP Food even more the Working Group formation event in Milan at the time was of no interest to SRIP Food – instead PTP as GREENOMED partner involved with permission of LP and project officer, also JS of Interreg Med international expert dr. Andras Sebök from Budapest Hungary to join and contribute to Food working group vision and potential field of action.

ITC Cluster on the other hand is identified as Industry 4.0 active actor (also member of DIH Smart Manufacturing) and thus fits to green-tech solutions and apps available to SMEs. From that point, PTP focus was clear on Agri-Food sector is to be addressed also in Slovenia. Also knowing people at ITC Cluster was just good coincidence that enabled PTP establishing good relations and common understanding on potentials of GREENOMED and Vanguard. So, PTP implemented transfer events with both targeted associations in December 23<sup>rd</sup> and 24<sup>th</sup> 2019, using the materials available from LP and adding Slovene experiences. Unfortunately, the results were not sufficient enough but interesting for them in order to prepare to internationalize with a help of Vanguard methodology and to get access to relevant actors in various topics.

Both targeted show real interests and are ready to establish further contribution with the GREENOMED partners even beyond the duration of the project. Additionally, in Slovenia they have identified potential good use case in algae treatment for bio-gas production.

## 4. ANNEXS

### GREENOMED Cluster transfer event evaluation

Form description

Please indicate the name of your organization

Short answer text

Please indicate the type of your organization

Short answer text

Please indicate the region where your organization is located

Short answer text

Please rate the transfer event in terms of:

Description (optional)

The usefulness of the information received about the project

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

...

The structure of the event

	1	2	3	4	5	
poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

The effectiveness of the information introduced and transferred the GREENOMED methodology

	1	2	3	4	5	
poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

...

The usefulness of the examples provided about the experience of implementation of GREENOMED methodology.

	1	2	3	4	5	
poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

The exploration of potential synergies and collaborations with other clusters participated in the event.

	1	2	3	4	5	
poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

In your opinion, what is the most effective transfer material to share with the clusters participated in the transfer event?

- ☐ Presentation
- ☐ Handbook
- ☐ Video
- ☐ Other (please specify)

If other, please specify your answer

Short answer text

...

If the same session would be organized in other regions, what can be improved with regards to the structure, format, and/or materials?

Long answer text

Considering the GREENOMED methodology, do you think that the methodology could be exploitable in the context of your organization?

Long answer text

Do you already have some activities in place aligned with the methodology? If yes, can you briefly explain about them?

Long answer text

...

Are you interested in exploiting some tools or implementing the methodology in connection with GREENOMED consortium?

- ☐ Yes
- ☐ No

In case you are interested to exploit the GREENOMED methodology in synergy with the results emerged from the GREENOMED project so far, which of the following topics you are interested in?

- ☐ Smart Plastics
- ☐ Circular economy
- ☐ Food manufacturing
- ☐ Energy-efficiency
- ☐ Bio-economy
- ☐ Other (please specify)

If other, please specify your answer

Short answer text

If other, please specify your answer

Short answer text

Regarding the interest areas in previous question, please briefly explain about the activities of your organization and the topics of interests of your stakeholders.

Long answer text