



**InnovaWood
Thematic Group
Knowledge Transfer**

Summary

- 1. Capability Register**
- 2. FabLab**
- 3. Materials**
- 4. Other working group**

Capability Register

- Objectives

*The InnovaWood Capability Register is a powerful survey that contains information about each InnovaWood member. It can be defined as an **easy and practical tool for information exchange that is used to support and stimulate effective cooperation among IW members.** It generates a competence map of our research, innovation and education area of the IW network.*

Capability Register

- Scope

The main reasons for having the Capability Register in InnovaWood are the following:

- *Mapping of capacities in key research areas: define critical mass and knowledge;*
- *It's a strong document to stress the importance and strength of our network in Europe;*
- *Finding synergy between members;*
- *Easy tool for exchanging information and knowledge between researchers;*
- *Effective tool for establishing dynamic working groups involving researchers with interest in the same scientific areas: opening InnovaWood to all our research staff;*
- *Strategic and clear tool for establishing project consortia in selected research areas.*

Capability Register

- Structure

The Working Group on Capability Register is operating under the Thematic Group Knowledge Transfer

- *Coordinators: Francesco Balducci, Gus Verhaeghe, Andreja Kutnar*
- *Experts: all interested IW members*

Capability Register

- **Implementation**

Make available the Capability Register:

- ***Internally at IW in order:***

- *Communicate to members the output of the Capability Register;*
- *Explain use of CR to the members;*
- *Organize the work of our divisions in order to involve the actual members or be able to attract new ones;*

- ***Externally at IW for stakeholders as:***

- *European Commission*
- *EU industrial federations*

- ***Lobby for funding***

- *The working group will provide input to funding programmes, e.g. Horizon 2020*

- ***Building consortia and project proposal preparation***

- *The group will serve for building consortia under up-coming calls within Horizon2020, national programmes, ERA-Net COFUND, industry initiatives, FES, FEDER, ..*

Capability Register

- Action Plan and next steps
 - Send to the members the report 2015 about the CR
 - Update the questions for the questionnaire (in the 2016), where we had found out a lack of information from the last one of 2014;
 - Send the questionnaire to the members and after that we need:
 - Recording of the updated data;
 - Validation of the data:
 - Quantitative by KT division;
 - Qualitative by group of experts.
 - Evaluation and presentation in a joint RTDI-KT division workshop.
 - **Upload on-line** the CR;
 - **Include the “search” function** in the CR.

FabLab

- Objectives

*Creation of an InnovaWood FabLab Working Group is presented as a way to **stimulate collaboration between IW members** with the aim to support knowledge transfer towards **students**.*

FabLab

- Scope

The main reasons for having a FabLab Working Group in InnovaWood are the following:

- *Share and promote courses for students (VET and University)*
- *Create an IW team of experts about FabLab topics*
- *To interact with other disciplines and other value chains and research fields (such as electronics, digital technologies, etc.) of interest for the development of new products in the furnishing sector that uses technologies (IoT, home automation, etc.)*

FabLab

- Structure

The Working Group on FabLab is operating under the Thematic Group Knowledge Transfer

- *Coordinators: Francesco Balducci, Andreja Kutnar*
- *Experts: all interested IW members dealing with FabLab, digital technologies, development and design of new products, IoT, home automation.*

FabLab

o Implementation

Define the topics of interests for the IW members

- *Collect and select the main topics that are interesting for the IW members: as technologies (3D printers, laser cutter, AR, etc), uses (IoT, wearable technologies, home automation, etc.)*
- *Definition of topics for courses. This activity will be implement in **synergy with Education & Training Thematic Group of IW.***

Networking with the FabLabs net

- *The FabLab is a global network of local laboratories that support the delivery of innovation, through digital production tools accessible to all. Starting from the **connections and the experience of each interested IW member.***

Lobby for funding

- *The working group will provide input to funding programmes, e.g. Horizon 2020*

Building consortia and project proposal preparation

- *The group will serve for building consortia under up-coming calls within Horizon2020, national programmes, ERA-Net COFUND, industry initiatives, F&S, FEDER, Erasmus+..*

FabLab

- **Action Plan and next steps**

In order to develop the activities we need to perform the following actions:

- *Collect existing experience between the interested IW members*
- *Create a group of experts between IW members about FabLab issues*
- *Select possible topics of interests/collaboration between IW members (open projects, technologies, materials, software,..)*
- *Promote and organize courses for the IW summer school*
- *Submit a project proposal (Erasmus+,..)*

Materials

- Objectives

The material working group investigates the development a digital library/database with information on materials used and developed in our sector. This database should serve as a platform to promote (as well to existing leading material databases) products that are the result of the IW members' projects.

Materials

- Scope

The main reasons for having a digital library/database in InnovaWood are the following:

- *Collect project and research results about new materials used and developed in our sector*
- *Create a common IW digital database about material for commercial use*
- *Disseminate and exploit new materials that are result of the IW members' projects.*
- *Being a reference of the state of the art about materials used in our sector collected in order to realize lobbying activities and stimulate new project proposal presentation.*

Materials

- Structure

The Working Group on Material is operating under the Thematic Group Knowledge Transfer

- *Coordinators: Francesco Balducci, Gus Verhaeghe, Andreja Kutnar*
- *Experts: all interested IW members*

Materials

○ Implementation

Development a digital library/database with information on materials used and developed in our sector.

- *Collect, register, provide and updating information about materials that are interesting to be promoted by the IW members.*

Organization of events in order to promote the digital library/database

- *Webseminars, workshops and seminars it will be organized by inviting the relevant researchers from other research fields. All stakeholders (architects, designers, producers, students,..) interested in the search of new materials should be invited in this promotional events.*

Lobby for funding

- *The working group will provide input to funding programmes, e.g. Horizon 2020 via EIP Raw Materials (ECAMOB)*

Building consortia and project proposal preparation

- *The group will serve for building consortia under up-coming calls within Horizon2020, national programmes, ERA-Net COFUND, industry initiatives, FES, FEDER, ..*

Materials

- Action Plan and next steps

In order to develop a digital library/database we need to perform the following actions:

- ***Verify existing databases already developed by the IW members***
- ***Define how, to whom and under what conditions the digital database will be made available.***
- ***Define the criteria of classification of the materials;***
- ***Create a template to collect material data following the classification types***
- ***Collect info about EU project results about new materials used in our sector***
- ***Create a digital database***

Other Working Group

- High Level Meeting
- Social network profiling
- Country reports

High Level Meeting

Scope

- Interdisciplinarity is on the rise, in both the natural and social science
- Interdisciplinary work is considered crucial by scientists, policymakers and funders
- Facilitating innovation in traditional, process oriented sector and beyond
- An interdisciplinary approach should drive people to ask questions and solve problems that have never come up before. But it can also address old problems, especially those that have proved unwilling to yield to conventional approaches.

High Level Meeting

Define the themes for interdisciplinary workshops with

- ICT
- Business and management
- Health

Define the timeline and details of the events

- The working group will identify relevant associations, networks and invite them to collaboration. The aims will be defined. List of the events, including scope, agenda, location and timing will be determined.

Invite InnovaWood members to participate at the events

- The working group will invite InnovaWood members to first express their interest and invite them to the events.

High Level Meeting

Action plan and next steps

- Define the relevant associations and networks in predefined fields
- Contact the identified groups and invite them to organization of joint events
- Explore the interest among the InnovaWood members
- Organization of the workshops

Social network profiling

Scope

- Stronger business relationships and enhanced professional image
- Clearer promotional materials
- Persuasion - influence the attitudes, feelings, or beliefs of others
- Education
- To increase consumer awareness and acceptance of sustainable, renewably-sourced products
- Increase consumer and industrial interaction to foster user-oriented innovation
- Increase awareness of current research and management information for society
- Obtain critical feedback
- New ideas, newly identified needs
- Gather beliefs and attitudes about the sustainable, renewably-sourced products

Social network profiling

Create social media profiles:

- Twitter – to reach a wider scientific audience
- LinkedIn – to engage professionals
- Facebook – to interact with the general population

Prepare the communication strategy

The working group will prepare the communication strategy within the social network, which will facilitate three types of communications:

- Internal communications (between and among InnovaWood members)
- Outgoing communications (information shared with stakeholders)
- Incoming communications (feedback from stakeholders)

Invite InnovaWood members to use the InnovaWood social media

Social network profiling

Action plan and next steps

- Define the managers of social media profiles
- Create social media profiles and invite InnovaWood members and other relevant stakeholders to participate
- Prepare narratives
 - For Facebook
 - For Twitter
 - For LinkedIn
- Continuously define topics to be communicated on social media profiles