



Grant Agreement number: 325172

Project acronym: ENGAGED

Project title: Community building on active and healthy ageing

Funding scheme: Thematic Network (TN)

Call identifier: CIP-ICT-PSP-2012-6

Challenge: 3 – ICT for Health, Ageing Well, Inclusion and Governance

Objective: CIP-ICT-PSP.2012.3.7: Community building on active and healthy ageing

Project website address: www.engaged-innovation.eu

Mapping tool research competences and businesses

D3.3

Due date of deliverable: [31/05/2015]

Actual submission date: [10/07/2015]

Start date of project: 01/02/2013

Duration: 24 months

Organisation name of lead contractor for this deliverable: Puglia

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Version: 1.0

Project co-funded by the European Commission within the Competitiveness and Innovation Framework Programme (2007-2013)		
Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Service)	
RE	Restricted to a group specified by the consortium (including the Commission Service)	
CO	Confidential, only for members of the consortium (including the Commission Service)	



Document History

Version	Date	Author	Summary of Main Changes
0.1	10-07-2015	Marielle Swinkels	Final report D3.3



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1 Introduction

The deliverable D3.3 a Mapping tool for research competences and businesses and policies has been generated from the existing database of the Smart Specialisation Platform of DG Research and Innovation. The delivery date of this deliverable has been delayed. In the preparation phase ENGAGED has been in touch with DG Research and Innovation to align with the Smart Specialisation Strategy platform (S3). They invited us to participate in two workshops in Brussels in the end of November 2013 to learn more from the RIS3, the vision and strategy and development behind it.

Based on both workshops it became clear that we could use an existing mapping tool **Eye@RIS3 of the S3 Platform** to identify RIS3 regions that have research and business competences related to AHA. In the DOW we described that we would develop this kind of tool. But this would be duplication of work as this tool already exists. S3 tools for mapping and bench marking of S3 regions have been developed and DG Research and Innovation coordinated these developments. The mapping tool **Eye@RIS3** has been updated and repositioned at the portal of the Smart Specialisation Platform (S3) in the second half of 2014. Also a start was made in 2014 to connect the Digital Agenda to the Smart Specialisation Strategy Platform.

The Eye@RIS3 is an on line interactive mapping tool on the smart specialisation platform. Via this mapping tool an overview in the S3 strategies in regions across Europe and the business competences and research competences also on the topic of health is provided.

The **deliverable 3.3** of ENGAGED with regard to a mapping tool for research and business competences of regions has been delivered by connecting the link of this tool <http://s3platform.jrc.ec.europa.eu/map> to the ENGAGED portal. ENGAGED used this tool to identify regions that are worthwhile to invite for the learning activities of the ENGAGED project.

1.1 Goal of the mapping tool

The goal of the D3.3 consists of the following 3 sub goals:

- to connect the repository of the EIP AHA including the good practices of mutual learning of ENGAGED to the repository of good practices of the S3 platform and the future repository of Interreg EU;
- to inform about the S3 platform and to stimulate regions with S3 priorities related to AHA of the interregional consortium partners of ENGAGED (AER and CORAL) to register themselves in the Eye@RIS3 database.
- to identify regional multi-stakeholder groups with S3 topics related to the focus of AHA of the ENGAGED project by the means of the EYE@RIS3 database to connect



and mobilise active regions with research and business competences and regional policies to the mutual learning workshops of ENGAGED and its outputs.

In the following chapter we describe firstly the main outputs of two working session in November 2013 that consortium members attended to. These sessions gave important inputs for the first two goals of this deliverable.

Secondly we describe in the chapter 3 how we used the mapping tool eye@RIS3 to involve S3 regions in the ENGAGED projects' learning activities.



2 Regional Innovation Ecosystems

One of the goals of the mapping tool for research competences and business competences in the field of AHA has been to connect the learning community of AHA to other existing learning communities on a regional and interregional level existing of regions with business and research competences in the area of AHA.

Two existing networks of multiplestakeholder groups (business-research-regional government) and its tools such as existing databases and repositories of good practices have been identified by ENGAGED that are very relevant to connect to:

- the Interregional Cooperation Programme (INTERREG IVC) and
- the Smart Specialisation Strategy interregional network of regions

Therefore two of the consortium members of ENGAGED- Noord-Brabant and Kent region- have joined a workshop of the Thematic programme Capitalisation initiative of INTERREG IVC. This workshop took place at the committee of the regions in Brussels at 27 November 2013.

At the same date another networking lunch conference took place also at the Committee of the regions. Another consortium member of ENGAGED – Puglia region- attended to this workshop. We will explain the most important outputs of both workshops in paragraph 2.1 and 2.2.

2.1 Workshop demographic change and RIS3

This workshop took place at the Committee of Regions in Brussels. The core Interreg IVC projects related to health and assisted living participated and a policy officer of DG Research and Innovation to present the Smart Specialisation Strategy Platform and its connection with demographic change.

INTERREG EU would like to build a knowledge portal to store good practices but also for exchange of experiences and lessons learned. The ENGAGED consortium members of Noord-Brabant and Kent region have been engaged in the CASA Interreg IVC project. They have explained the work in progress of the ENGAGED Thematic network and its relationship with the EIPAHA. For the **evolving of the AHA community** they brought in the following points into the session:

- it is important to creat smart connections between European portals such as the EIP AHA repository and the knowledge portal of the new INTERREG EU that will be build developed and started in 2015 to learn from each others good practices;
- the reviewing of good practices should be done on the basis of peer to peer to create trust that is needed to be open for sharing not only successes, but also difficulties and to learn from each others failures.
- it is important to organize much more mutual learning on horizontal topics within and between interreg projects and the European AHA learning community. ENGAGED is exploring how to develop a mutual learning structure and strategy to connect learning



communities across Europe that are active in the field of AHA. How to build a European Learning Ecosystem, is the key question.

The chances and challenges of the Smart Specialisation Strategy of regional innovation (RIS3) has been presented by Pia Laurila, Policy Officer at the DG Research & Innovation. Regions will have the time to put in place its RIS3 until 2016.

The RIS3:

- helps region with the identification of its innovation clusters. This enables regions to compare innovation strengths and areas/ topics with other regions across Europe and to work on its international competitiveness of the future.
- helps to prevent duplication in the area of research and development and will enable strong collaborations between European region on common priority areas of innovation. RIS3 envisages integrated strategies based on multiple stakeholder partnerships, with an emphasis on the regional ownership of the process.

The project officer of the S3 platform under scribes the importance of connecting European knowledge portals and repositories to really share existing knowledge. Also interactive exchange is needed to prevent duplication. She invites the ENGAGED project and Interreg projects to connect and make better use of the s3 platforms' tools and to explore together how a European community for AHA can evolve by connecting S3 regions to the AHA Community.

For more information we refer to the separate appendix for D3.3. the *Workshop report: Thematic Programme Capitalisation on Demographic Change*; Roos Galjaarts, December 13 2013, Groningen.

2.2 Workshop Innovation union and regions

Committee of Regions' (CoR) starting points are based on the following key basic findings based on recent studies:

1. Use the existing knowledge: 80% of innovation value comes from the widespread adoption of Innovation with 20% of value coming from the production of Innovation (OECD);
2. World without borders: Innovation is more and more based on [multidisciplinary approach](#). We need to balance technological, design and social innovation in both the public and private sectors, all of which are influenced by far-reaching digitization (Aalto University);

Committee of the Regions (CoR) calls for:

1. strong regional measures to turn research results into innovation that is locally tailored and can be applied throughout Europe;
2. [building regional innovation capacity](#) on the basis of [smart specialisation](#) and [European partnerships](#);



3. pioneering regions to form European consortiums integrating different capabilities to create ground-breaking societal innovations for Europe-wide use. Through its various actors, each region can become a pioneer focusing on its own needs and strengths;

Smart Specialization (RIS3) is a process strengthening regional co-creation and business collaboration through stakeholder involvement and shared ownership, not an issue of traditional governance structures: RIS3 is a process:

- to foster **stakeholder engagement** under a shared vision,
- to link small innovative firms and also large companies on value networking,
- to commit the main actors in operating through the orchestrated **multi-level governance**, and
- to help build creative and social capital and thus increase the renewal capital at the **local and regional level** in **different communities of practice**.

The concept of learning has been brought forward as an important driver for strengthen the innovation of Europe by innovative regions.

- The CoR encourages the Commission to set up "**entrepreneurial discovery**" programmes to work at different levels and discover what is most effective for local needs and European scaling."
- "**Innovation communities operate as ecosystems** through systemic value networking in a world without borders. Regions need new arenas as hotspots for innovation cocreation.
- These could be described as "innovation gardens" and "challenge platforms", which together form **prototype workspaces for inventing the future**."
- "The best pioneers for developing and running Europe-wide projects should be financed through Horizon 2020 and cohesion funding – the aim being also to **test effective methodologies and tools in real life collaboration and cross-border learning**."

For more information we refer to the two separate appendixes for D3.3. to

- the **Agenda**: *Networking lunch Innovation Union* and
- the **PPT presentation**: *INNOVATION UNION: The contribution of Europe's regions and cities presented by the KEYNOTE Markku Markkula, Member of the Board of the Helsinki Regional Council & Chair of the Steering Group for Regional Use of Structural Funds, Finland and Member of the CoR Europe 2020 Monitoring Platform Steering Committee*

2.3 Conclusion of both workshops

Both workshops under build the importance of the regional and interregional networks to connect to European partnerships such as the AHA Community. Regions are addressed to move from triple helix collaborations into Regional Innovation Ecosystem where science and society merge together.



The outputs of both workshops confirm the importance of continuous communication and learning within and between these networks of interregional innovation projects and regional smart specialization strategies network on different levels (regional, interregional) and to connect these networks to the European learning community.

Therefore we also need to make better use of and **link each others existing on line tools** that support this communication, learning and circulation of knowledge: repositories and mapping tools to strengthen the innovation capacity in the field of AHA and to build a European market together for AHA.

Based on the outputs of both workshops the ENGAGED project has decided to not develop a new on line mapping tool, but to use the existing mapping tool Eye@RIS3 of the S3 Platform to identify regions with research and business competences related to AHA that are relevant to connect to the AHA community and its learning activities.

3 Mapping and involvement of S3 regions

3.1 Eye@RIS3

Eye@RIS3 is an online database of RIS3 priorities. It enables regions to position themselves by registering their research competences and business competences under a specific EU priority. This tool helps them find their unique niches and it lists potential partners for collaboration.

The current status of registered regions and countries in march 2014 was the following:

- EU Countries with encoded RIS3 Priorities: 9
- EU Regions with encoded RIS3 Priorities: 113
- Non-EU Regions with encoded RIS3 Priorities: 17
- Digital Agenda Europe or ICT: 142 out of 854 priorities



The S3 platform offers a guide to regions for using the RIS3 tool. For more information we refer to the website

http://s3platform.jrc.ec.europa.eu/documents/10157/330356/EyeRIS3%20Guidelines-Modif_Dec%2013_FIN.pdf

3.2 Mapping of S3 regions

ENGAGED did a specific mapping on the topics related to Active & Healthy Ageing. Bases on this mapping a list of regions became forward by using different search fields.

Name	NUTS ID	Description	Research & Innovation Capabilities	Business Areas & Target Market	EU Priority
Czech Republic [CZ]		Healthcare and ...	1. Human health & social work activities 2. Human health activities (medical services)	1. Information & communication technologies (ICT) 2. Computer programming, consultancy & related activities	1. Public health & security 2. Public health & well-being

Only one region has been identified with a business area in ICT related to a research area of Human health and Social Work in the EU priority of Public Health and security and Public health and well-being.



Name	NUTS ID	Description	Research & Innovation Capabilities	Business Areas & Target Market	EU Priority
Malta [MT]	ICT in health, ...	1. Information & communication technologies (ICT)	1. Information & communication technologies (ICT)	1. Information & communication technologies (ICT)	1. Digital Agenda

Also one region has been identified with a description of Health care related to research and business competences in ICT with focus on the EU priority of the Digital Agenda.

And 69 other regions have registered with regard to the search combination of the competences in Health and well-being related to the priority of Public health. In the table below only 6 examples of regions are shown from the total list of 69 regions. For the ENGAGED project an excel file has been generated from these 69 regions to get a total overview.

Name	NUTS ID	Description	Research & Innovation Capabilities	Business Areas & Target Market	EU Priority
Austria [AT]		Health	1. Human health & social work activities	1. Human health & social work activities	1. Public health & security
Rheinland-Pfalz [DEB]		Life sciences &...	1. Human health & social work activities	1. Human health & social work activities	1. Public health & security
Sachsen-Anhalt [DEE]		Health & me...	1. Human health & social work activities	1. Human health & social work activities	1. Public health & security
Mecklenburg-Vorpommern [DE8]		Health & li...	1. Human health & social work activities	1. Human health & social work activities	1. Public health & security
Niedersachsen [DE9]		Health & so...	1. Human health & social work activities	1. Human health & social work activities	1. Public health & security
Nordrhein-Westfalen [DEA]		Health	1. Human health & social work activities	1. Human health & social work activities	1. Public health & security



Of these 69 regions there are about 25 regions with RIS3 registered including research competences as well as business competences for Human health (**medical services**) and with focus on the priority of Public Health. These 25 regions have been approached for the mutual learning workshop of Prevention and Evidence in Athens during the eHealth week. Also the other remaining regions of the 69 regions have only received the newsletter.

After an extra research refinement in the search only 6 regions could be identified with RIS3 registered including research competences as well as business competences for Human health (medical services) and with focus on **priority of Ageing society**.

Another refinement has been carried out with regard to Social care without accommodation or Residential Care. This led to no matches.

3.3 Involvement of S3 regions

The contact persons of the identified S3 regions have been invited for the last two mutual learning workshops and the final event of ENGAGED. They also received the newsletter of ENGAGED.

The mapping tool has been also used by ENGAGED for the development of a new Interreg EU project proposal SCALE to form a cluster of regions and innovation clusters. This new cluster of CORAL regions, ECHAlliance, ENoLL and research institutes and business clusters will be organising a series of Exchange events and peer evaluations with regard to regional strategies, good practices and methodologies for the scaling up of AHA innovations and building of an European market to improve existing operational plans of ERDF and the smart specialisation strategy process on the same priority of boosting the Smart Health Economy.

From the existing registrations it became clear that RIS3 regions with Health and ICT competences of businesses and research related to the Digital Agenda not yet come forward in the search. This is a point of attention as many regions we know within AER and CORAL are active in this area. It is important to demonstrate and position these regions in this database. Therefore ENGAGED has also recently at the end of the ENGAGED project stimulated the regional networks by the AER and CORAL and ECHAlliance to register themselves on this portal. Regions can upload their own content and can search on the specific S3 priority related to Human health and social work activities, the Research and Innovation capabilities in this area and the related Business area's and target market, and the EU priority on Public Health & Well-being and Public Health & Security and the EU priorities Digital Agenda and Ageing Society.

