

## **Egov\_INNO. WP3**

### **Deliverable 3.1**

# **A detailed state of the art on a preselected set of 5 types of Application areas**

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[www.greece-italy.eu](http://www.greece-italy.eu)



*Interreg V-A Greece-Italy Programme is an European Territorial Cooperation Programme that aims to help public institutions and local stakeholders to develop cross-border projects and pilot actions and to create new policy, products and services, with the final goal to improve the citizens' quality of life. Strategically, the programme will enhance innovation in a number of fields such as blue growth, tourism and culture, agro food and cultural and creative industries. Interreg V-A Greece-Italy Programme aims to get maximum return from EUR 123 million financed per 85% by European Regional Development Fund (ERDF) and per 15% by the 2 member states through a national co-financing.*

## 1. INTRODUCTION

This deliverable presents the findings from the collection of past and current experiences on successful G2B e-government applications on the following 5 axes (application areas):

- e-tools to monitor and support the process of financing for investment plans of enterprises,
- e-services to accelerate the process related with starting a business with emphasis on start-ups,
- information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc),
- social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community
- business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation

among Public Administrations as foreseen in WP3 in the egov-INNO project.

Chapter 2 presents the methodology for the collection of information

Chapter 3 summarises the collected information in a quantitative manner

Chapter 4 presents the collected in-house cases of the 4 project partners

Chapter 5 presents the collected cases from Greece and Italy

Chapter 6 presents the collected cases from other EU countries

Chapter 7 presents the collected cases from the rest of the World

Chapter 8 includes a conclusion summary from all cases

An Appendix with all collected information is also included

In the next implementation stage, the methodology for producing a Best Practices list will be defined by PP3 (InnovaPuglia) by setting and applying evaluation fields and criteria for identifying best practices.

## **2. METHODOLOGY FOR THE COLLECTION OF PRACTICES**

The set of practices have been collected, in English, through a web based online questionnaire ([https://docs.google.com/forms/d/e/1FAIpQLSd86LOdBDY4z2IJrvuO\\_p8wQLvSbDfWUWfbEFX\\_LqyZ25V\\_yHg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSd86LOdBDY4z2IJrvuO_p8wQLvSbDfWUWfbEFX_LqyZ25V_yHg/viewform) ).

All partners carried out their research to collect the needed information through the below methods:

- Desk Research (mainly through the www)
- Field Research (meetings with other stakeholders)
- Focus groups, co-creation sessions, livling labs with practice owners / users

The selection of practices included

- Practices from the 4 organizations participating in the Project
- Italian practices
- Greek practices
- EU countries
- Rest of the world

### 3. QUANTITATIVE INFORMATION ON THE COLLECTION OF PRACTICES

In total, **87 cases** have been collected.

From them:

- e-tools to monitor and support the process of financing for investment plans of enterprises: 14 cases
- e-services to accelerate the process related with starting a business with emphasis on start-ups, 20 cases
- information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc), 17 cases
- social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community, 20 cases
- business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation, 16 cases.

The collected services were targeting the following sectors:

|                   |    |
|-------------------|----|
| Agro food:        | 1  |
| Business:         | 14 |
| Energy            | 1  |
| Education         | 1  |
| Entrepreneurship: | 1  |
| Finance           | 1  |
| Green economy     | 1  |
| ICT               | 3  |
| Life sciences     | 1  |
| Sport             | 1  |
| Start-ups         | 1  |
| Transportation    | 1  |
| General scope     | 60 |

The countries from were cases have been collected are:

EU (Greece, Italy, Belgium, Cyprus, Denmark, Germany, Finland, Ireland, Luxemburg, Poland, Portugal, Latvia, Estonia, Malta, Spain, Portugal, Slovenia, Bulgaria, UK)

NON-EU (Switzerland, Israel, USA)

#### **4. CASES FROM PARTNERS' REGIONS (Western Greece and Apuglia)**

##### 4.1 Western Greece

###### *INNOSCORECARD*

Category: business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation

Short description: Innovation Scoreboard is a web application, assessing the innovation performance of Balkan and Mediterranean regions based on a certain number of indicators. The main scope of Balkan-Med Innovation Scoreboard web application is to allow the custom comparisons of performance scores, visualize country profiles comparisons, as well as correlations between scores. The web application should provide to the users a complete view of the scores of the indicators based on actual data that are collected and normalized in order to provide the information clearly to the end users through dynamic generated charts and graphs.

Focus: General

###### *INNOREGION*

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community

Short description: Clustering assistance tool providing services to support collaboration and innovations in the dominant emerging industries.

Focus: General

###### *e-tools to monitor and support the process of financing for investment plans of enterprises*

Category: e-tools to monitor and support the process of financing for investment plans of enterprises.

Short description: A map-based service (Student-Transport: <http://studenttransport.cti.gr>) towards handling the transportation of students of the region of Western Greece, by applying state-of-the art techniques.

Focus: Transportation

## 4.2 Apuglia

### *SISTEMA PUGLIA*

Category: e-tools to monitor and support the process of financing for investment plans of enterprises.

Short description: Integrated digital service center as a gateway to the initiatives of the Policies for Development, Work and Innovation of the Puglia Region, for the fully electronic management of regional support to SMEs business.

Focus: General

### *EmPULIA*

Category: e-services to accelerate the process related with starting a business with emphasis on start-ups.

Short description: EmPULIA is a platform that aggregates demand, contributes to rationalizing regional public spending and simplifies the relationship between institutions and economic operators.

Focus: General

### *LivingLabs*

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community.

Short description: ""Living Labs"" is a new approach to research and innovation activities where the user participates actively in the process of development and experimentation of new solutions, destined for the inhabitants of one specific territory. Through the exchange of ideas and knowledge and the aggregation between researchers, companies and organized groups of citizens, defining the specifications of new products and services, are realized and evaluated first prototypes and innovative technological solutions are tested.

Focus: General

### *APULIAN INNOVATION OVERVIEW*

Category: business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation.

Short description: It is an information system, constantly updated, designed and implemented by ARTI, which systematizes historical series of indicators related to the socio-economic system and innovation from Puglia deriving from.

Focus: General

*PID - Punto Impresa Digitale*

Category: information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc).

Short description: It is the response of the Chambers of Commerce to the request of MISE to create a network of information points and assistance to companies on digitalization processes. The project is part of the National Business Plan 4.0 launched by the Government to give life to the fourth industrial revolution in Italy.

Focus: General

## 5. SUMMARIZATION OF COLLECTED CASES FROM GREECE AND ITALY (other regions)

### GREECE

- Startup Greece (Ministry of Economy Development and Tourism – Greece)

Category: information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)

StartUp Greece platform is a digital information and networking space aimed at giving way to a new generation of entrepreneurs in Greece, bringing together people and ideas and changing the country's perception of doing business and entrepreneurship.

- Startup Greece matchmaking (Ministry of Economy Development and Tourism – Greece)

Category: e-services to accelerate the process related with starting a business with emphasis on start-ups

Matchmaking tool (of the Startup Greece platform) is a smart match and communication between community members (Matchmaking Markets). It is used for development of functionality for each user in order to exchange electronic data in a structured form (ie using a predefined SUG manager Form, containing the appropriate fields to fill in) leading to effective collaboration on: looking for funding, looking for job, searching for IPR, offering funding, offering jobs, offering IPR.

- JOINFORCES SME Support Office of the General Secretariat of Industry of the Ministry of Economy and Development –Greece

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community

JoinForces is a sponsorship management tool and unified routing of actions related to Sponsorship such as sponsorship sticking from sponsoring organizations and enables patentability by users. Each sponsorship can be marked as stockbooks at the top of each list displayed or sponsored.

- Hellenic Statistical Authority data visualizations

Category: business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation

Easily understandable presentation of statistics through short texts, graphs and interactive visualisation tools.



- Register of Active Support Structures for Young Entrepreneurship (Ministry of Economy and Development)

Category: information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)

The analytical data on the identity, services and potential of entrepreneurship support structures and programs (Incubators, Technology Parks, Incubators, Coworking Spaces, Accelerators) can be found in the registry and can be evaluated by the beneficiaries of the structures .

## **ITALY**

### INTRAPRENDO

Category: e-tools to monitor and support the process of financing for investment plans of enterprises

INTRAPRENDO is the initiative of Regione Lombardia and Finlombarda S.p.A. to encourage and stimulate Lombard entrepreneurship through the launch and support of new entrepreneurial and self-employment initiatives, with particular attention to initiatives undertaken under 35 or over 50 years without work or companies characterized by high innovation and content technological

### Erasmus for Young Entrepreneurs - Open Eye

Category: e-services to accelerate the process related with starting a business with emphasis on start-ups

Erasmus for Young Entrepreneurs is the exchange program financed by the European Commission and in which 38 European countries participate. The program, active since 2009, gives the opportunity to experience business in companies of other European countries, stimulating the internationalization of SMEs and the creation of startups thanks to the transfer of knowledge between new and aspiring realities and already established realities. Erasmus allows New potential Entrepreneurs to carry out a training period with reimbursement of expenses from 1 to 6 months to an experienced Host Entrepreneur of a European country participating in the Program.

### Spin Lab - Sports Startup Accelerator

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community

Spin Lab is a global acceleration program that focuses on the development of innovation in sports.

### Venetoclusters

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community

Venetoclusters is a source of information and updates on the strategy adopted by Veneto and on initiatives in research and innovation. Ample space is dedicated to the Industrial Districts and Regional Innovative Networks, new protagonists in the implementation of a new Industrial Development Plan for Veneto.

### Start the Valley Up

Category: e-tools to monitor and support the process of financing for investment plans of enterprises

Counter notice in favor of new innovative companies for the implementation of development plans in the areas of the Smart Specialization Strategy of Valle d'Aosta.

### Settlement in regional properties for productive use

Category: e-services to accelerate the process related with starting a business with emphasis on start-ups

The Regional Administration offers companies a large real estate portfolio, managed by the investee company Valle d'Aosta Structure, s.r.l., with the task of managing, renting, selling and building industrial / craft buildings. The Autonomous Region of Valle d'Aosta expects to offer investors a "settlement package", which includes interventions in support of investments, an indication of the possible forms of partnerships that can be activated, and the catalog of available training services.

### Clicklavoro

Category: information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)

Portal of the Ministry of Labor and Social Policies for access to labor services provided on the national territory

### Innova Lavoro

Category: business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation

National platform promoted by Agid that collects news and information on the innovative tenders announced by the Italian public administrations. A constantly updated showcase where to find useful information on: pre-commercial procurement procedures (pre commercial procurement) and product and service innovation contracts (PPI) banned under European and national programs.

### Open innovation Lombardia

Category: business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation

"Open Innovation Lombardia was founded with the aim of proposing a new regional innovation policy model within the specific objective 1.2 of Axis 1 of the ROP ERDF 2007-2013: ""Strengthening the governance capacity to improve the competitiveness of the system Lombard Knowledge. Intensifying, simplifying and innovating the relationships between the actors of the system"" based on a new approach to business innovation that exploits the potential of the network to allow companies to innovate quickly with a collaborative approach.

The platform is also one of the tools for implementing the Lombardy Region's Smart Specialization strategy by supporting the creation of favorable conditions for companies, their growth and evolution in emerging industries."

### #ItalyFrontiers

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community

"#ItalyFrontiers is the institutional platform for startups and innovative SMEs of the Ministry of Economic Development, Infocamere, Unioncamere and the Young Entrepreneurs of Confindustria.

### Audit102 - Enea

Category: e-services to accelerate the process related with starting a business with emphasis on start-ups

Portal dedicated to the transmission of energy diagnoses in accordance with article 8 of Legislative Decree 102/2015.

## 6. SUMMARIZATION OF COLLECTED CASES FROM EUROPEAN UNION COUNTRIES

### A. e-services to accelerate the process related with starting a business with emphasis on start-ups

Title: Start-up Plan

Description

A concrete first step to encourage young and beginning entrepreneurs to set up new businesses in innovative sectors via initiatives such as tax shelters for start-ups and fiscal incentives for crowdfunding

Country Belgium

Title: Scale UP

Description

Scale UP is a pilot programme focused on acceleration, i.e. speeding up the development of start-ups. It is dedicated to micro- or small enterprises which can get involved for 3 to 6 months. The programme offers advisory and mentoring support, as well as financial support. The acceleration process results in a product or service being prepared for commercialisation, and includes cooperation with large companies which can then use that product or service.

Country Poland

Title: POLARIS process

Description

As part its suite of services, the POLARIS process, is a practical and flexible methodology that provides an integrated set of management functions tailored to the needs of individual investors. Polaris enables efficient communication, cooperation and execution of tasks among the broad range of stakeholders (state and private) involved in investment projects.

Country Latvia

Title: e-business register

Description

Estonia's e-Business Register is an advanced and secure tool that allows entrepreneurs to register new business online in just minutes without having to go to a notary or some other official.

Country Estonia

Title: EUGO portal

Description

The Eugo Slovenian portal is a state business point that helps foreign business entities from the EU, EEA Member Countries and the Swiss Confederation who want to do business in Slovenia.

Country Slovenia

Title: CIRCE \_ Business innovation and network creation centre

Description

The Information and Creation Network Centre (CIRCE) portal sets out an eleven-step procedure for online company registration and other facilities to accelerate the process of creating a new enterprise.

Country Spain

Title: YOUSTARTIT

Description

The program offers to young startups who have a business idea an investment of 22 thousand euros and the opportunity to be followed by expert mentors.

Country Malta

Title: STARTUPDELTA

Description

Startupdelta has four focus areas. The first is helping startups to scale, for example by organising missions abroad. The second is to make the Netherlands One Single Connected Hub and strengthen the Dutch tech networks nationally and internationally. The third is focussed on breakthrough technologies and the spin-off startups that have their roots in universities. The last one is data, making the ecosystem visible through data.

Country Netherlands

Title: STARTUP VISA

Description

StartUP Visa is a tool to apply for a residence visa for non-EU-Schengen startup founders.

Country Portugal

Title: Invest in Finland

Description

Invest in Finland is the etool of the official investment promotion agency for Finland

Country Finland

Title: E-Residency

Description

E-Residency is a new digital nation for global citizens, powered by the Republic of Estonia

Country Estonia

Title: Horizon 2020 Portal

Description

Portal to handle all actions for the Horizon 2020 program (proposal submission, information, evaluation, etc). Horizon 2020 is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.

Country Belgium (EC tool)

**B. e-tools to monitor and support the process of financing for investment plans of enterprises**

Title: E-KATALOG

Description

It is part of a project that establishes electronic public procurement of goods and services to individual public administration bodies.

Country Slovenia

Title: CYPRUS INVESTMENT PROGRAMME

Description

"Invest Cyprus is the government's dedicated partner responsible for attracting and facilitating Foreign Direct Investment (FDI) in key economic sectors.

Being the lead agent in establishing Cyprus as a world-class investment destination, Invest Cyprus proactively promotes the enhancement of the country's competitive environment, advocating reform and maximising FDI, for the economic and social benefit of Cyprus. In close collaboration with all government authorities, public institutions and the private sector, Invest Cyprus is the investor's first point of contact.

Invest Cyprus is a member of the World Association of Investment Promotion Agencies (WAIPA) and the Mediterranean Investment Network, ANIMA."

Country Cyprus

Title: 200M

Description

THE 200M CO-INVESTMENT FUND, MANAGED BY PME INVESTIMENTOS – A PUBLIC COMPANY REGULATED BY BANK OF PORTUGAL - WHOSE MISSION IS TO DEVELOP INNOVATIVE FUNDING INSTRUMENTS FOR PORTUGUESE COMPANIES.

Country Portugal

Title: Public procurement

Description

The Federal Government's eProcurement platform, launched in May 2002, enables authorities to publish and notify call for tenders electronically, and bidders to submit offers completely and bindingly over the Internet. This system is the result of the Public Procurement Online (Öffentlicher Eink@uf Online) Programme. This special part of the programme was realised by implementing a Federal eGovernment Shop (Kaufhaus des Bundes – KdB). It is an internal system, but public information is available at: [www.kdb.bund.de](http://www.kdb.bund.de).

Country Germany

Title: Business Finland

Description

Business Finland offers Finnish companies a unified customer journey for innovation activities, internationalization, investments, and tourism promotion.

Country Finland

Title: Enterprise Estonia

Description

Enable companies to grow internationally and also create world-class business ecosystems and a competitive business environment for Finland

Country Estonia

Title: Innovation Funding Service

Description

Guidance for business and academic organisations on Innovate UK's funding competitions to test ideas and develop innovative products and services.

Country UK

**C. information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)**

Title: New Frontiers Entrepreneur Development

Description

New Frontiers is a national programme providing an integrated and comprehensive set of business development supports to participants.

Country Ireland

Title: EU Funding Portal

Description

The Scottish EU Funding Portal is an online community of practice for stakeholders interested in EU funding with the aim of improving and broadening knowledge of EU Programme to ultimately lead to a greater variety and uptake of EU funds by Scottish organisations.



Country UK

Title: Estonian Startup Explorer

Description

Startup Estonia is a governmental initiative aimed to supercharge the Estonian startup ecosystem in order to be the birthplace of many more startup success stories to come.

Country Estonia

Title: Labs of Latvia

Description

Labs of Latvia is a startup community platform providing information from and about Latvian startup scene to the world

Country Latvia

**D. social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community**

Title: The Hub

Description

The Hub is a free-of-charge community platform tailored to the needs of growth startups.

Country Denmark

Title: Startup Estonia

Description

Startup Estonia is a governmental initiative aimed to supercharge the Estonian startup ecosystem in order to be the birthplace of many more startup success stories to come.

Country Estonia

Title: Think business

Description

ThinkBusiness.ie has been created for Irish business owners and managers who are seeking information, resources and help on a range of business topics

Country Ireland

**E. business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation**

Title: Eurostat

Description

Eurostat is the statistical office of the European Union situated in Luxembourg. Its mission is to provide high quality statistics for Europe. Eurostat Portal offers a whole range of important and interesting data that governments, businesses, the education sector, journalists and the public can use for their work and daily life.

Country European Union level

Title: DESI

Description

The Digital Economy and Society Index (DESI) is a composite index that summarises some 30 relevant indicators on Europe's digital performance and tracks the evolution of EU Member States, across five main dimensions: Connectivity, Human Capital, Use of Internet, Integration of Digital Technology, Digital Public Services.

Country European Union level

Title: National Competitiveness Council

Description

Provision of better insights about Innovation in Ireland

Country Ireland

Title: Technology barometer

Description

The Technology Barometer measures Finland's techno-scientific competence and its performance capacity based on the level of its economic and societal development.

Country Finland

Title: Science. Technology. Innovation

Description

Statistics Estonia (abbreviation SE) is a government agency in the area of administration of the Ministry of Finance

Country Estonia

Title: Enterprise Ireland

Description

Enterprise Ireland is the government organisation responsible for the development and growth of Irish enterprises in world markets. The system targets Irish enterprises to help them start, grow, innovate and win export sales in global markets. In this way, it supports sustainable economic growth, regional development and secure employment.

The project starts from the idea that working with other like-minded companies or exploring what knowledge exists in Higher Education Institutes could work wonders for business. This tool helps companies by introducing them to collaborative research partners and industry networks.

Country Ireland

## 7. EXAMPLE CASES FROM OTHER COUNTRIES

### *WeWork*

Category: information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)

Short description: Shared workspaces for technology startup subculture communities, and services for entrepreneurs.

Focus: ICT

Country: USA

### *IFC*

Category: e-tools to monitor and support the process of financing for investment plans of enterprises

Short description: The International Finance Corporation (IFC) is an international financial institution that offers investment, advisory, and asset-management services (and e-tools) to encourage private-sector development in developing countries.

Focus: Finance

Country: USA

### *Techstars*

Category: e-tools to monitor and support the process of financing for investment plans of enterprises

Short description: Techstars Corporate Partners add powerful industry expertise by offering hands-on mentorship, business development opportunities, and access to resources to help accelerate startups.

Focus: General

Country: USA

### *Kickstarter*

Category: social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community

Short description: Global crowdfunding platform focused on creativity and merchandising.

Focus: General

Country: USA

### *Project Athena*

Category: business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation

Short description: Athena is a data processing and visualization platform for the data of land, food, water, and energy.

Focus: AgTech & Food Systems

Country: USA

### *U.S. Small Business Administration*

Category: e-tools to monitor and support the process of financing for investment plans of enterprises.

Short description: The Small Business Administration helps Americans start, build and grow businesses

Focus: General

Country: USA

### *Startup Nation Central*

Category: information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)

Short description: Start-Up Nation Finder™, a free and online platform, is the leading resource for in-depth information about Israeli start-ups, investors, hubs, multinational corporations and academic technologies.

Focus: General

Country: Israel

*Startup Nation Central*

Category: Government E-Services

Short description: Securities and Commodities Authority provides the services to the clients (Brokers - Public Joint Stock Companies). These services are used to ease the process for our clients.

Focus: General

Country: United Arab Emirates

## **8. SUMMARY OF THE FINDINGS FOR ALL CASES**

### **a. e-services to accelerate the process related with starting a business with emphasis on start-ups**

Main derived conclusions:

- the most cases emphasize on finance procedures
- mostly on national level

- giving efficiency in procedures and important impact
- from the scratch implementations in most
- half of selected cases are open source
- costs info not available
- governmental funding in most
- not enough information on transferability
- sustainability through governmental operational support

**b. e-tools to monitor and support the process of financing for investment plans of enterprises**

Main derived conclusions:

- e-procurement and funding mechanisms mostly
- regional and central governments as facilitators
- positive impact on efficient procedures and information
- mostly closed systems
- no info on costs available
- various ways of funding
- no information on transferability and sustainability

**c. information services for enterprises with emphasis on young innovators (e.g. database of incubator services, co-working spaces etc)**

Main derived conclusions:

- several types of information for entrepreneurship, startups etc
- several types of actors
- no information for costs and technical specs
- several types of funding
- no info on transferability and sustainability

**d. business intelligence applications to monitor the regional and cross-border entrepreneurship and innovation**

Main derived conclusions:

- mainly statistical information on various indicators – not only entrepreneurship related
- stakeholders from regional to eu levels
- not enough info in most attributes

- e. social networking tools to support smart match-making and collaboration of enterprises (supporting their networking and clustering) as well as linkage between the business and the R&D community**

Main derived conclusions:

- main applications: co-development of projects, living labs, crowdfunding, share ideas, support business
- emphasis on startups
- national level in most
- several cases based on previous and customisation / upgrades
- many are open systems
- public funding in most
- no info on transferability and sustainability



**APPENDIX**

Excel sheet with raw data collected