



Online S3 Newsletter

ONLINE S3 Consortium

Mar-17

[Edition 1, Volume 3

Reporting on the applications

By this stage of the project, the key functionalities of the online applications to be developed for the 6 phases of the RIS3 (Smart Specialisation Strategy) implementation, have been described.

Existing e-tools, e.g. web applications, online databases, online libraries, online roadmaps, which are helpful for enabling the implementation of the selected 29 methodologies

described in the previous newsletters, have been identified through desk work for each method separately. The identification of online applications, that might support the 6 phases of a RIS3 strategic planning process, is followed by a thorough analysis and description of their functional and technical requirements, as seen in the following template.

Reports reviewing the existing Online Tools for each Method

As it is shown in the following graph, each report includes five discrete sections: i) identification of similar or quasi-similar applications; ii) analysis of applications identified – ideas about



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information processes; iii) specifications for an application relevant to the corresponding method; iv) conclusion and v) final proposal. The final proposal includes a choice between three different states of application, based on the mapping exercise.

Report for online apps relevant to method X	
1	Identification of similar or quasi-similar applications <ul style="list-style-type: none"> • List of 10 apps • Description of 3 most relevant
2	Analysis of applications identified – ideas about information processes <ul style="list-style-type: none"> • Input data • Data processing • Output • User interface
3	Specifications for an application relevant to method X <ul style="list-style-type: none"> • Functional specifications: logical steps of work, ontology of the app • Technical specifications: database, algorithm • User interface: pages, elements per page
4	Conclusion: Existing applications covering the specifications
5	Proposal: <ul style="list-style-type: none"> • Development of new application • Customization of identified open source application • Link to existing application

In many cases, there are already existing online tools for the implementation of the selected methods, which could be used in the case of the Online-S3 platform. However, in order the platform to be coherent and easily accessible, it is important to maintain a common reference line regarding the design principles of the tools and applications that are going to be used. Thus, even already existing online tools should be transformed, for fitting the requirements of the Online-S3 platform. This choice constitutes a proposal for the developers participating in a next stage of the project, which will be based upon this report, in order to develop the applications for each one of the 29 methods for the Online-S3 platform.

Based on the above, this report had a threefold aim: 1) to map existing online tools related to the 29 selected methods; 2) to define their specifications and functional characteristics; and 3) to propose a choice for the implementation of the corresponding Online-S3 application in the next phase, based on three different types of implementation: development of a new app for the platform, modification of an already existing app, based on open source, or provision of a link for an existing online tool.

The Ongoing Applications

In the present phase of the OnlineS3 project, the following applications, corresponding to the relevant methods, are being developed. The rest of the applications, relevant to the remaining 24 methodologies, will be implemented by the end of August 2017.

2.1 Regional assets mapping

Applications reviewed: 9

Main functionality of the tool: provides a set of indicators covering specific features for shaping regional characteristics.

Type of tool for development: **New online app**

Flow:



This will be the main tool for integrating all relevant sources into a web-based dashboard. This application could help RIS3 stakeholders to access basic information in a quick manner.

Policy makers can use this to determine how the current research facilities available in the region benchmark against those of neighbouring regions and how unique the regional RI equipment is on the European scale

2.2 Research infrastructure mapping

Applications reviewed: 4

Main functionality of the tool: aims to provide information that is commonly requested by researchers/policy-makers to analyse the current status of research infrastructures in Europe.

Type of tool for development: **New online app/MERIL portal**

In order to obtain an innovation ecosystems mapping, data from the identified sources need to be merged and processed to generate two-way tables comparing ecosystems and/or regional performance

2.3 Clusters, incubators and innovation ecosystem mapping

Applications reviewed: 5

Main functionality of the tool: integrates different data sources for providing information on clusters, for identifying potential technology areas and economic sectors.

Type of tool for development: **Link / New online app**

Flow:



The main users are the citizens and stakeholders from the region that want to be involved in RIS3 processes. Consequently, a debate can take place and a topic/document can be posted.

5.2 RIS3 action plan co-design

Applications reviewed: 8

Main functionality of the tool: allows the users to comment, vote on the comments and make changes on drafts or suggestions.

Type of tool for development: **New online app / OS ?**

Flow:



The main sources of the input data will be: Eurostat; National statistics authorities and Regional authorities

6.2 Definition of RIS3 output and result indicators

Applications reviewed: 7

Main functionality of the tool: used to identify a set of output and result indicators, that are going to be used for the monitoring process.

Type of tool for development: **New online app**

Flow:



Join the Online S3 Community

The open consultation on Medium will continue to run until the end of the project and we would be glad to hear your thoughts and opinions about the methods we have developed. Moreover, we will be presenting the results of the Online Consultation during the 10th International Conference for Entrepreneurship, Innovation and Regional Development (Thessaloniki, 31st August - 1st September 2017). This is a great opportunity to join the Online S3 community, meet our team and discuss the development of Smart Specialisation Strategies across Europe.

ONLINE S3 project aims to develop an e-policy platform augmented with a toolbox of applications and online services, which will assist national and regional authorities in the EU in elaborating or revising their smart specialisation agenda, in terms of policies and strategy.

ONLINE S3 Project

<http://www.onlines3.eu>



Co-funded by the Horizon 2020 Framework Programme of the European Union
Under Grant Agreement number: 710659 – ONLINE-S3