

BRIDGE Task Force Scalability & Replicability Analysis

Minutes of the meeting

November 12th, 2019

European Utility Week - Paris

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EUW internal session of BRIDGE TF SRA

EUW, Paris Expo Porte de Versailles, EU project zone

Agenda

10:30-10:40	Welcome and Introduction
10:40-11:00	Overview gathered knowledge - Questionnaire
11:00-11:20	Presentation of the methodology for Scalability Replicability Analysis
11:20-11:40	Discussion on Pilot projects participating on the validation of the methodology
11:40-12:00	Next Steps - Finalisation of the report - SRA Toolbox/Repository

List of participants

FIRST NAME	LAST NAME	PROJECT / ORGANISATION
Raquel	Castán	CROSSBOW
José Pablo	Chaves Ávila	CoordiNet
Venizelos	Efthymiou	inteGRIDy
Eric	Lecomte	EC
Frédéric	Mesureur	INTERFLEX
Peter	Nemcek	FutureFlow
Christina	Papadimitriou	inteGRIDy
Nicolas	Peraudeau	BRIDGE Support team
Stéphanie	Petit	BRIDGE Support team
Sergio	Saludes Rodil	MUSE GRIDS
Natalie	Samovich	SHAR-Q
Manuel	Serrano	CROSSBOW

Minutes of the meeting

PPT presentation will be uploaded in the restricted area of the BRIDGE website.

10:30-10:40	Welcome and Introduction by Eric Lecomte
Presentation	<p>The objective of this internal meeting is:</p> <ul style="list-style-type: none"> - to identify projects that will test and pilot the implementation of SRA methodology proposed by the TF - to determine where to secure the toolbox? in which repository? - move forward to the next steps and determine what is expected for the TF
10:40-11:00	<p>Overview gathered knowledge by Manuel Serrano</p> <ul style="list-style-type: none"> - Questionnaire
	<ul style="list-style-type: none"> ➤ <u>The first questionnaire</u> was elaborated to have a clear view of the status of SRA in the TF participating projects, what can be obtained from them and what do they expect from the TF. <p>The questionnaire allows to determine which layers are addressed.</p> <p>Methodology used is quite heterogenous between projects especially when it comes to ICT aspects.</p> <p>The main barriers come from the heterogeneity of the projects and their research aspects => one of the main conclusions is that it is not possible to propose a single method for everyone to use. A better option is to propose a methodology to help projects.</p> <p>Barriers: lack of data that could be used</p> <ul style="list-style-type: none"> ➤ <u>The aim of the second survey</u> was to characterise SRA method and lessons learnt in previous project (broader than TF projects, national initiatives have also been considered). <p>Communication and simulation layer were of high relevance, especially for ICT.</p> <p>Difficult to have quantitative analysis. Some recommendations have been included in the report even if not crystal clear.</p> <p>The lack of information, of a common place to upload all the lessons learnt is the main barrier identified that could be interesting to tackle for the next steps.</p>
11:00-11:20	Presentation of the methodology for Scalability Replicability Analysis
Presentation	<p>The conclusions from the SRA questionnaires addressed to H2020 projects highlighted the need to define how we could have a portal to share experiences among project.</p> <p>SRA methodology should be adapted to all projects => the TF can guide the 1st stages of SRA.</p> <ul style="list-style-type: none"> ➤ <u>Proposed methodological guidelines</u> <ol style="list-style-type: none"> 1- Select the layers to consider for the SRA: business, functions, information, communication and components layers. For each of them there is a need to define a methodology

	<ol style="list-style-type: none"> 2- Jointly analysis with other dimensions 3- Decide if quantitative, qualitative or mixed analysis 4- If quantitative: define KPI and modelling approach; Identify critical parameters and define scenarios 5- Define data requirements and tools 6- Perform the SRA for each dimension/layer and define key aspects 7- Gathered conclusions, combined different layers and define SRA rules/roadmap <p>In terms of data provision, it is important to have a repository of input data. However, this may be obsolete soon. Need to be updated regularly. National and European regulations can change.</p> <p>The TF could collect existing open data sources and bookmark these in a repository for H2020 projects.</p> <p>➤ <u>Key aspects:</u></p> <ul style="list-style-type: none"> - Select the different dimensions that should be analysed within each SGAM layer - Benchmark study on SRA methodologies - Define and agree a set of minimal common steps to guide projects - Test the guidelines with new BRIDGE project and in parallel try to collect open data sources than can be shared among BRIDGE projects.
11:20-11:40	<p>Discussion on Pilot projects participating on the validation of the methodology</p>
	<p>WiseGRID project has already been identified and started the evaluation of the methodology.</p> <p>Looking for projects that can actually pilot the methodology and determine how the analysis would be perform (but not perform all the SRA, i.e. select the layers and identify how provide the SRA).</p> <p>SRA methodology should be applied at the beginning of the project when the use cases are to be defined but it could be at another moment (Business plan, roadmap for the future definition)</p> <p>Need a second project.</p>
	<p>➤ <i>Question from Venizelos Etymeffiou</i></p> <p>SRA is the direction that is worth building-on and would help the project to think about their “after life” since the beginning. It is actually the approach adopted in the Goflex project even if not named SRA. GOFLEX could be a pilot and could work with the methodology proposed.</p> <p>➤ <i>Comments from Natalie Samovich</i></p> <p>The low level TRL and the scalability of the pilot project dimensions should be added in the SRA methodology.</p> <p>Low level TRL are not part of BRIDGE but should definitely be kept aware and considered!</p> <p>The scalability of the projects should be observed and will depend on the layer addressed. For ICT aspects, scalability have to be considered.</p>

	<ul style="list-style-type: none"> ➤ <i>Comment from Peter Nemcek</i>: financial aspects are missing <p>To make this after life it is important to identify who will pay for it. Depend on regulatory and market players and it should be part of the SRA methodology.</p> <ul style="list-style-type: none"> ⇒ Business model layers ➤ Low TRL project are generating results that have to be picked up for more mature TRL and next steps. The Innovation radar from the EC can be something to take into account and apply since the beginning. ➤ In the regulated environment, incentives are also needed (not only financial), especially on the digital side. Missing in ICT. It could be taxes incentives, tool etc but need to think what that could be. Some of the issues are how to scaling-up the solutions and it is linked to ICT. ➤ When it comes to the regulated body, it could be helpful to have all the regulated/financial aspects on a repository.
<p>11:40-12:00</p>	<p>Next Steps</p> <ul style="list-style-type: none"> - Finalisation of the report - SRA Toolbox/Repository
<p>Discussion</p>	<ul style="list-style-type: none"> ➤ <u>Repository</u>: gathered all the data on one repository to facilitate the SRA. <p>Need something that goes beyond the BRIDGE website, need something more flexible.</p> <p>Who is going to maintained this, who is going to update the repository?</p> <ul style="list-style-type: none"> ⇒ The TF could prepare the specifications and inputs of interest to be put on the repository and provide it to the EC. ⇒ Sharing the data and data testing is one of the main issues in R&I projects. For that purpose, the PANTERA project aims at building an interactive platform that will host real data, information from national and EU projects, knowledge: what comes out of the project that could be useful for other projects? Push to work closely with BRIDGE, JRC, ETIPSNET, Era.Net....and define the specifications for the platform gathering data (not another data). How to do it? Host it? Promote it? Need to build it all together. Caution: TF SRA not addressed research data but data allowing to scale up the project and go beyond. PANTERA intentions: make it sustainable! Have a discussion and see if could be feasible after identifying and defining which data are needed and in which format ➤ <u>Pilot projects</u>: 2 pilots, WISEGRID and GOFLEX, will test the methodology and then the TF will open it to all projects – invite the projects by email. ➤ <u>TF SRA Report</u> is drafted. Could be nice to add the results of the pilot inside.

	<p>➤ Next actions: the motivations to have a repository will be added in the report to have a most powerful SRA and for the next BRIDGE meetings, feedbacks from the two pilot projects will be added. Then the methodology will be circulated projects will be invited to participate and test the method.</p>
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