



BRIDGES
Interreg Europe



European Union
European Regional
Development Fund



Pilot action

Presentation and discussion 30.8.2019

August 2019

www.interregeurope.eu/BRIDGES

The BRIDGES project methodology

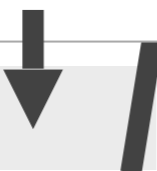
Pre-condition: Bio-based industries part of the RIS3 if all partner regions

1. Diagnosis

From the RIS3 industries, identification of the most promising industries

Innovation map

Assessment of the state of play of technological connectivity types relevant to RIS3 in the region



2. Opportunities

Examples of technological connectivities

Good practices

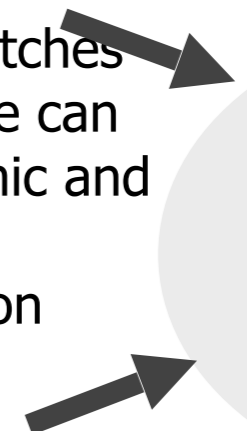
Good practice selection

3. Localisation

Optimisation questions = Localisation of the GP to regional opportunities, needs and findings on innovation map

Analysis of the RIS3 in terms of possibilities for the GP transfer, as a precondition for the action plan

- 1) Feasibility study
- 2) Non-anticipated findings: mismatches of the research and productive base can be addressed by matching economic and research strengths, provided tools accessing interregional innovation on demand are available.



4. Action plan & pilot action implementation

Transregional access to innovation on demand

Project Acronym:	BRIDGES
Project Index (PGI):	PGI 00040
Title of the pilot action	Transregional access to innovation on demand
Policy instrument(s) addressed:	RIS3 Kainuu RIS3 Helsinki-Uusimaa RIS3 Western Macedonia
Partner(s) concerned	Regional Council of Kainuu, PP2 Regional Council of Helsinki-Uusimaa, PP4 ANKO, PP5
Country	FI x 2, GR
Date of request:	28.3.2019

- **Approval:** 31.7.2019
- **Duration:** 1.8.2019 - 31.3.2021
- **Budget:**
 - The pilot action is an additional activity to the project activities described in the BRIDGES project application form.
 - The pilot action is partially financed through the underspending accumulated by the project at the end of phase 1 & by own funds, next slide.

Budget

Partner	Funding sources		Comments
	Project funds	Own funds	
RCK, PP2	€ 52 000,00	€ 46 000,00	Own funding comes from own funds. 12 000 for additional mini projects if demand.
HURC, PP4	€ 52 500,00	€ 81 000,00	Own funding comes from own funds. 12 000 for additional mini projects if demand.
ANKO, PP5	€ 23 200,00	18 000,00€ 360 000,00€	Own funding comes from the Western Macedonia ROP 2014 - 2020. 18 000 for mini-projects, 360 000 for follow up projects.
TOTAL	€ 127 700,00	€ 505 000,00	

BACKGROUND

1) Learning, non anticipated: mismatches of the research and productive base can be addressed by matching economic and research strengths, provided tools accessing interregional innovation on demand are available.

2) Experience from Phase 1: Bilateral cooperation PP4/PP5 (joint development, VTT); PP4/PP6 (excellence transfer; LUKE) & PP2/PP6 (methodology transfer, Kantola); PP2/PP7 (methodology transfer, Kantola).

3) Good practice CENTROPE: transnational innovation voucher. The good practice transfer: (i) the voucher is adapted to respond to the eligible activities prioritised by the pilot (next slide); (ii) bureaucratic processes to access clients and funding simplified.

Transregional access to innovation on demand

Eligible activities	TRL reference where relevant	Reference source
(1). Development of new products/ prototypes	TRL 5 & 6	CENTROPE
(2). Preparation of a Business Plan for innovative products	TRL 3 & 4 TRL 5 & 6	CENTROPE
(3). Development of new concepts	TRL 5 & 6	CENTROPE
(4). Pre-feasibility and feasibility studies, studies for problem solving	TRL 3 & 4 TRL 5 & 6	CENTROPE
(5). Development of a new service		CENTROPE
(6). Tailored training in new technologies	TRL 7 & 8	BRIDGES
(7). Product/service testing	TRL 3 & 4	CENTROPE
(8). Measurement services for product development / improvement	TRL 3 & 4 TRL 5 & 6	BRIDGES
(9). Materials research for innovative product development	TRL 3 & 4 TRL 5 & 6	BRIDGES
(10). Economic impact assessment of new technologies	TRL 5 & 6	CENTROPE
(11). Analysis of technology transfer potential	TRL 3 & 4	CENTROPE
(12). Support for product development		CENTROPE
(13). Facilitating SMEs' access to KETs		BRIDGES
(14). Regional mapping of commercializing RDI		BRIDGES
(15). Market placement of innovative products		BRIDGES
(16). Standardisation and qualification of technology transfer services		BRIDGES

Transregional access to innovation on demand

OBJECTIVE

The pilot action introduces the concept of Tools for transregional research-to-business partnerships as a policy instrument governance improvement intervention. Such tools are (still) innovative at Structural Funds level.

OUTPUTS

- **9+3:** 9 research-to-business transregional mini-projects implemented with 9 fundable 'follow up actions' clearly described, out of which 3 follow up actions funded by Western Macedonia.
- **3 policy instruments impacted:** significant aspects of the mini- & follow up- projects will form the base for impacting the revision contents of the RIS3 of PP2 (Kainuu) and PP4 (Helsinki-Uusimaa) and will be integrated into the 2014-2020 ROP of PP5 (Western Macedonia). In all these cases, the policy impact will be recognisable under a common title for all three regions: Tools facilitating transregional research-to-business partnerships.
- **1 ex post evaluation report**
 - Evaluation criteria (what do we / should we measure; feedback from the RIS3 workshop)
 - The recommendations of the evaluation report are required inputs to the regional boards of PP2, PP4 and PP5 and the implications of the reports for the policy instruments will be discussed accordingly.

Prioritised fields of commercialisation

The prioritised fields of commercialisation as agreed and listed in the approved application of the pilot action

Pilot action regions	Bio-based industries excellence areas to internationalise
PP 2 Kainuu	<p>(1). Bio-based economy research base to productise berry residuals and extracts for functional foods and regenerative cosmetics. The offer is valid not only for well-known berries, but also for less appreciated berries which however have ingredients with high potential (berry seeds, berry skins, berry leaves and various underutilized berries such as crowberries, chokeberries and bog whortleberry).</p> <p>(2). Sensors and on-line measurements (the excellence offer is either on developing and testing the solutions further, or on adapting and utilising them in different environments) of all kinds of materials and complements the berry-excellence.</p>
PP4 Helsinki – Uusimaa	<p>(3). Biotechnology and cleantech</p> <p>(4). Vegetable proteins</p> <p>(5). Functional food</p> <p>(6). Fisheries and aquafarming</p>
PP5 Western Macedonia	<p>(7). Biomass chain</p> <p>(8). Biomass testing</p> <ul style="list-style-type: none"> ● <i>Co-combustion biomass with lignite</i> ● <i>Gasification of biomass</i> ● <i>Biomass testing-power production of biomass</i> <p>(9). Research & laboratory work - Chemical Process & Energy Resources Institute (CPERI)</p>

Added value

1) Expectations of the partner regions

(1) Kainuu, PP2

- Commercialisation of research results on berry side flows research and sensors
- Increased returns to scale in relation to publicly funded research
- Learning also for the research units: value offer focuses on “product” development / improvement, on concrete TRL options
- Building networks beyond the region
- Input to the RIS3 revision

(2) Helsinki - Uusimaa, PP4

- Commercialisation of research, expansion of the economic application base
- Internationalisation of research and innovation potential
- Technology acquisition through follow up projects
- Input to the RIS3 revision, mainstreaming pilot action concept
- Impact on the ROP and regional development

(3) Western Macedonia, PP5

- Improvement of region’s SMEs competitiveness through the acquisition of new technologies
- Contribution to the diversification of the regional economy towards a sustainable productive model
- Establishment of cooperation among regional SMEs and research centers beyond the region aiming at embedding innovation
- Input to the RIS3 revision
- Reinforcing the ROP eligible measures

Added value

2) Learning

- (1) MARKET UNDERSTANDING: 1.1) Is there a market, is there really demand on both sides?
(1.2) Distribution of demand among the eligible activities and implications.
- (2) DIVERSIFICATION & DEEPENING OF THE APPLIED RESEARCH BASE: Do mini projects lead to further demand for research? i.e. are 'next round of TRL' mini projects applied for?
- (3) INNOVATION: What types of innovation the mini projects support most? (Oslo manual reference: product innovation (new to market / considerably improved to market -but not new to the business; process innovation (only referring to the introduction of new or significantly improved methods for production of goods or services))
- (4) CONSTRUCTING REGIONAL ADVANTAGE: Does the 'matching strengths' approach seem to work? How does the pilot affect the regional economy in terms of diversification and competitiveness?
- (5) EVIDENCE-BASED POLICY MAKING: 5.1) which aspects of the pilot are the most relevant for each region to include under the measure Transregional innovation partnerships to be integrated in the RIS3 revisions and the ROP? 5.2) what could the results of the pilot action mean for the regions and their cooperation in the longer run?

How it works

1.8.2019 - 31.12.2019

- Bilateral discussions with most probable RTOs and CoCs
- Bilateral discussions with EEN operator
- Preparation of call and application documents
- Issue of calls (calls are continuous till 30.6.2020)
- Integration into the RIS3 implementation and / or revision process
- Processing of applications
- Evaluation criteria agreed (evaluation criteria listed in the previous slide under “2) Learning”)
- Mid-term face-to-face meeting
- First round data for the evaluation

1.1.2020 - 31.12.2020

- Processing of applications
- Evaluation criteria agreed
- On-line monitoring meetings
- Face-to-face meeting
- 2nd round data for the evaluation
- 1st draft of the evaluation report with recommendations
- Closing conference (September - October 2020)
- Final evaluation report

1.1.2021 - 31.3.2021

- Closing of the project

Contacts

PP2: Jouni Ponnikas, Regional Development Director, Regional Council of Kainuu,
jouni.ponnikas@kainuu.fi

PP4: Ari Lainevuori, Research Manager, Helsinki-Uusimaa Regional Council, ari.lainevuori@uudenmaanliitto.fi

PP5: Anastasios Sidiropoulos, Director of Programmes Dpt. – ANKO S.A.,
tsidiropoulos@anko.gr

Spyros Kellidis, Business & H.R. Consultant - M.A. - Enterprise Europe Network –
Hellas – ANKO S.A., skellidis@anko.gr

On behalf of PP2, pilot action management & evaluation task: Ninetta Chaniotou, Kainuun
Etu Oy, ninetta.chaniotou@kainuunetu.fi