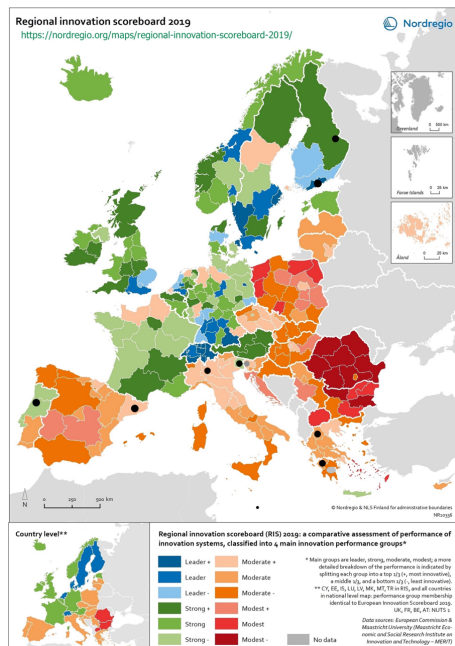




BERRY+ S3 industrial modernisation partnership

12.6.2023 and 19.6.2023



Region	MS & NUTS	
Kainuu (BP1)	FI	FI1D4
Helsinki-Uusimaa (BP2)	FI	FI1B and FI1B1
Western Greece (BP3)	EL	EL63
Western Macedonia (BP4)	EL	EL53
Friuli Venezia Giulia (BP5)	IT	ITH4
Lombardia (BP6)	IT	ITC4
Centro (BP7)	PT	PT16
ACCIO (BP8)	ES	ES51
Athens University of Agriculture (BP9)	EL	EL303
Malopolska (BP10)	PL	PL21
Lapland (BP11)	FI	FI1D7

March 2020 - July 2021

- (1) Strengthen circular economy through value chains innovations and SDG improvement related to partner regions' RIS3. Value-chains are science & innovation based, i.e. towards development or scaling up of existing markets. Value chains in focus: dairy industry sidestreams, forest industry sidestreams, functional ingredients of natural resources, recyclable and renewable textiles, regenerative and anti-aging cosmetics.
- (2) Build on interregional complementarities identified through value chains to form an interregional cluster management unit; interregional cluster organised and registered; (2.1) Strategic collaboration linkages and opportunities between and among regions. (2.2) Project opportunities ad hoc and / or as a result of 2.1.
- (3) Learning: value chains as a regional policy instruments linked to RIS3.

Actual, at the moment: **BERRY+ enhanced objective**



(4) NEW OVERARCHING OBJECTIVE: Growth, sustainable (scientifically, economically, environmentally), predictable growth in the regions.

What this means: within the context of the BERRY+ value chains, i) maximising the coherence between regional and interregional initiatives on the one hand, and on ii) jointly investing in emerging excellence domains, as a way for focusing innovations and eventually investments.

This could be expressed under the term 'IMPROVEMENT OF CONNECTIVITIES'. As a result, the BERRY+ Objective (3) [learning] becomes even more important. We have found a 3-step process:

1.- Identification of high-value niches as a specialisation and growth driver. We call this the INDEPENDENT VARIABLE, and it relates to both excellence (edge excellence) and / or emerging market strengths. This is already the approach we have adopted in the BERRY+ value chains.

2.- Specification of the application domain. We call this the DEPENDENT VARIABLE and it results from value chain mapping of the high-value niche areas, clarifying drivers and barriers in value and supply chains; technological complementarities; focusing investment priorities. On the base of feasibility studies regarding concrete value chain segments and research niches options.

The VC coordinator is activating item 1 (meetings with value chain members), makes the value chain-grid on the base of the agreed high-value niches, and activates value chain members to all item 2 activities.

3.- Interregional connectivities serving 1 and 2. Partnering with interregional partners to strengthen value chains, develop technologies, solve joint problems, and access markets jointly thanks to increased critical mass and product competitiveness. This relates to better and more targeted connectivity across value chains and regions. This is the objective of the interregional innovation unit.

Action plan and proposed stages



- (1) Discussion with partners, comments, accepting the 3-step approach.
- (2) Definition of the high-value niches per value chain (value-chain coordinators).
- (3) Specification of the application domain. Availability of regional resources (knowledge & funds) to invest in feasibility studies and value chain mapping.
- (4) Identification of regional initiatives and interregional complementarities.
- (5) Quantification of the expected results; indicator to be agreed among us. Possible indicators include: returns-to-scale, increase of location quotient, export increase, turnover increase, increase of BERD & GERD in complementary or continuous (follow up options) way.
- (5) Confirming structural funds tools for synchronised calls (content synchronisation, joint proposals but NOT joint calls yet). Good practice from Helsinki-Uusimaa (NUTS2) available.
- (6) We work together to specify the interregional innovation unit functionalities and try to find EU funding for deepening its potential and relevance.
- (7) If needed, 'EU project generation'.

<https://s3platform.jrc.ec.europa.eu/berry>

Activities now: I. Testing



(1) We are applying at small scale the action plan stages (see previous slide). At the moment we have two bilateral pilots in development and one multilateral pilot emerging:

1.1 IN DEVELOPMENT

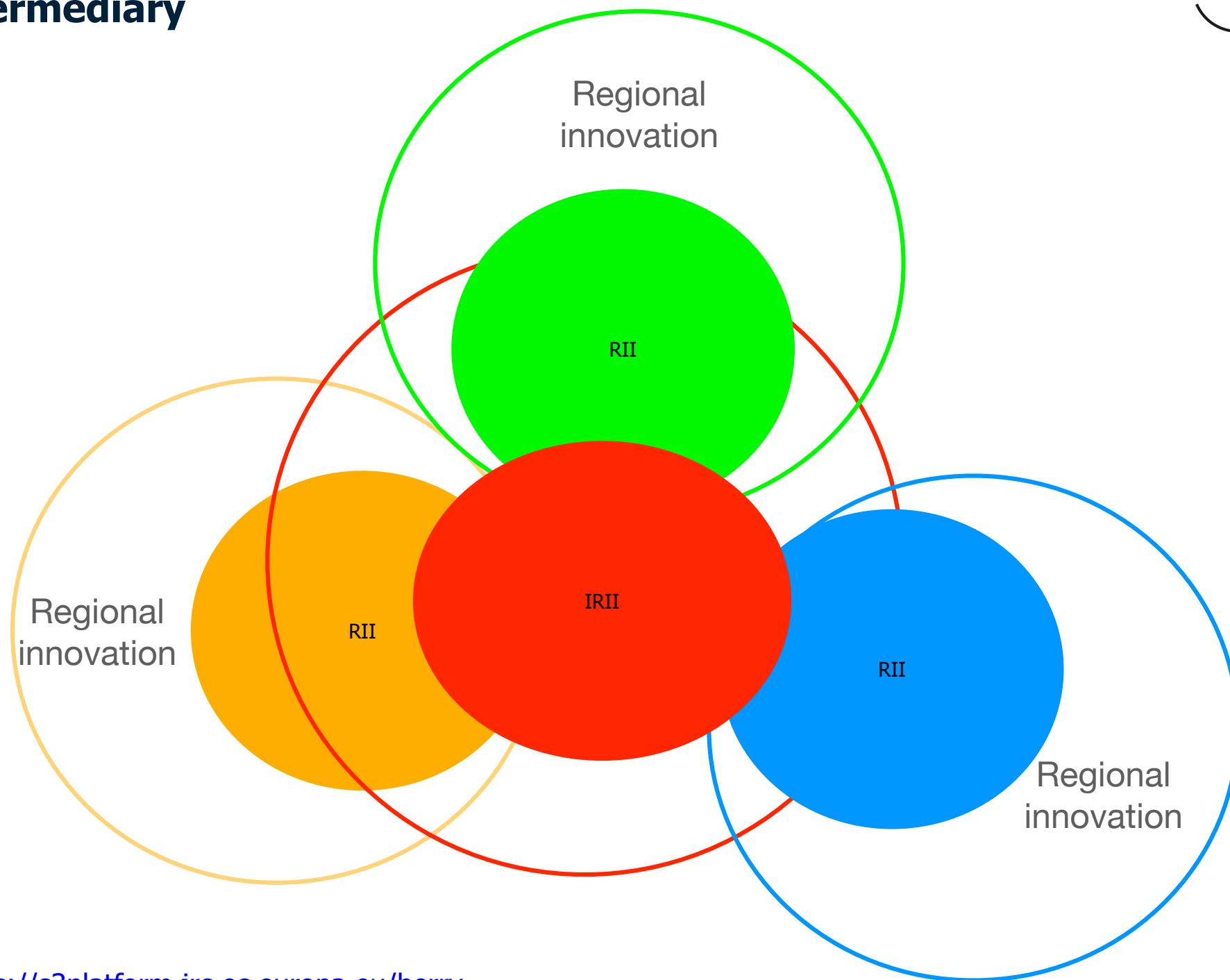
- Forest industry & forest industry sidestreams
- Renewable and recyclable textiles

1.2 EMERGING

- Dairy industry sidestreams.

(2) We look forward to small pilots in the value chains of (i) anti aging and regenerative cosmetics and (ii) functional ingredients of natural resources.

Activities now: II. Developing the interregional innovation intermediary



Activities now: II. Developing the interregional innovation intermediary



IRII functionalities

I. Network of test-before-invest (TBI) labs

II. Identification and exploration of interregional complementarities

lead to opportunity recognition and interregional and regional projects.

III. Inputs to the regional policy group [RPG] (screening of innovation, thematic documents)

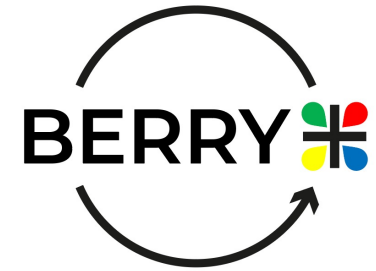
IV. Strategic contributor for the improvement of the policy instrument

- 1) NEW PROJECTS Funding of new projects.
- 2) IMPROVEMENT OF POLICY MANAGEMENT 2.1) VC references are integrated into calls; 2.2) Synchronised calls & joint applications are eligible; 2.3) TBI network is part of the policy instrument objectives; 2.4) RPG exchanges are integrated into the IRII .
- 3) RECOMMENDATIONS FOR THE REVISION OF POLICY: 3.1) Knowledge base-to-RIS3; 3.2) VC policy integration; 3.3) IRII mainstreaming & eligible for project funding; 3.4) Alignment & leverage of funds.



In conclusion (June 2023)

- We are working with those partners that are available to work together. We cannot force anyone.
- Funding is an issue, and we (i) look into funding programmes and (ii) we focus on complementarities and synchronised calls.
- We are also seeking new partners and partnerships with collaboration potential. We are currently testing with potential new partners as well.
- We are open to collaboration and synergies with other partnerships, projects, including macro regional strategies, national and regional initiatives.



Thank you

Questions welcome



Photograph by Jyrki Haataja, Metsäkeskus

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<https://s3platform.jrc.ec.europa.eu/berry>

BERRY+ is led by the Regional Council of Kainuu, FI.
The University of Oulu is coordinating the day to day work.