Interreg Europe
AI meeting, 16.7.2020

Regional Council Kainuu

Data analytics in the RIS3

Kainuun liitto

Themes and industries

THEME 1: Mobilising research and fostering innovations	THEME 2: Reinforcing and diversifying the specialisation base		THEME 3: Connectivity & Integration, Measures for interregional collaboration
DEVELOPMENT OF INNOVATIONS 1.- Measurement technology 2.- Games & Simulators 3.- Data analytics	BIO ECONOMY, MINING & METAL INDUSTRIES 1.- Productising, developing and commercialising further of environment monitoring of industry processes 2.- Supporting the development of innovative products and exports of forest, blue bio economy, and food products 3.- Supporting the performance, expansion, specialisation and exports of the Metal industry 4.- Supporting the embeddedness of the mining cluster in Kainuu	KNOWLEDGE-BASED SERVICE INDUSTRIES 1.- Professional winter sports 2.- Leisure winter & activity tourism 3.- Health & physical training	BETTER FUNCTIONING OF THE REGIONAL INNOVATION SYSTEM 1.- Innovation infrastructures 2.- Transregional access to innovation on demand 3.- Interregional value chains & clusters; S3 partnerships 4.- Attracting and facilitating investments in RIS3 industries

Cross-cutting themes and goals of all RIS3 priorities

I: DIGITAL TRANSFORMATION

I.1 Uptake of industry 4.0

I.2 Utilisation of robotics, automation, data centres and data analysis

I.3 Utilisation of data analytics

II: GREEN DEAL

II.1 Supplying clean, affordable and secure energy

II.2 Mobilising industry for a clean and circular economy

II.3 From 'farm to fork', a fair, healthy and environmentally friendly food system

II.4 Preserving and restoring ecosystems and biodiversity

II.5 Leave none behind (a just transition)

- The data analytics based on interdisciplinary applications is supporting tele medicine, cybersecurity and such solutions. Till now, the focus was on technological things in Kainuu. Now, we are stressing the technological issue x application to the prioritised area.

- Moreover, data analytics in terms of data co production and access, implies access to informations for improving products & services and developing new ones.

- The reason for data analytics is the LUMI one of the 8 super computers that has been awarded to Kainuu by the EC through CSC (ICT Centre for Science https://www.csc.fi).

Implementation
space and types of projects

Kainuun liitto

Vertical themes
(Themes 1,2,3)

A RIS3 - supported project may be

- Unilaterally dealing with Theme 1 (development of technologies and technological innovations, research,…)

- All other supported activities are bilateral, trilateral, multilateral, e.g.:
    - Bilateral Theme 1 xTheme 2, Theme 1 x Theme 3, Theme 2 x Theme 3,
    - Trilateral and higher, e.g. Theme 1 x Theme 2 x Theme I , Theme I x Theme II x Theme 3, …

The EDP
helps identify more specific focus

Cross cutting themes (Themes I & II)