

delivery in regions



Jouni Ponnikas Regional Council of Kainuu Regional presentation

BRIDGES project 1st interregional policy learning session Ljubljana 20 & 21st April 2016

Kainuun Liitto



Regional Council of Kainuu

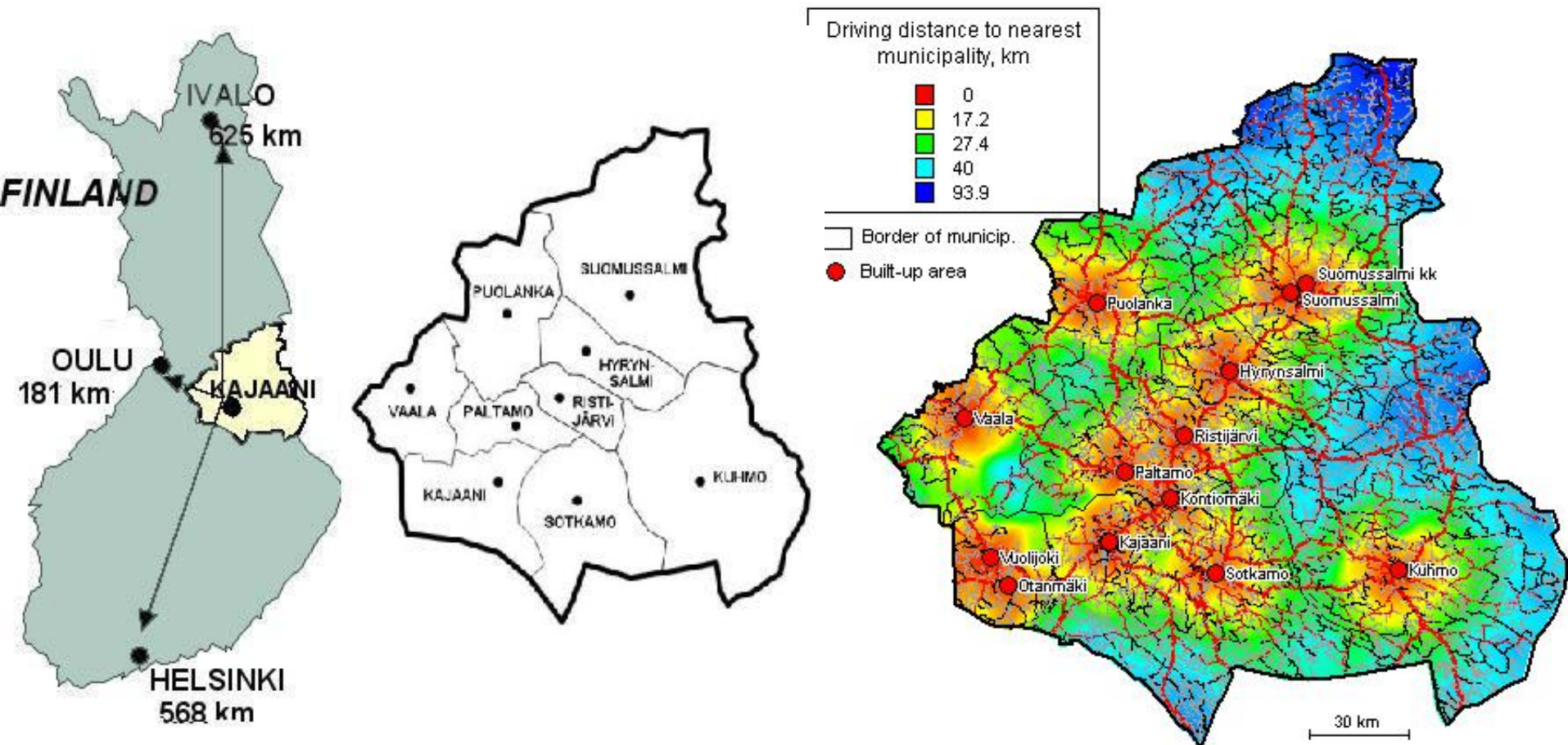


Content of the presentation

- Some background about Kainuu region
 - Regional development system in Kainuu
 - RIS3 of Kainuu region
 - Kainuu Bio Economy Strategy 2015 - 2020
 - RIS3 implementation - 5 questions – Kainuu
 - Good practice from the region
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Kainuu Region.

Population in Kainuu: 76 000 to compare Oulu = 141 671; Finland = 5 385 633



Kainuu region



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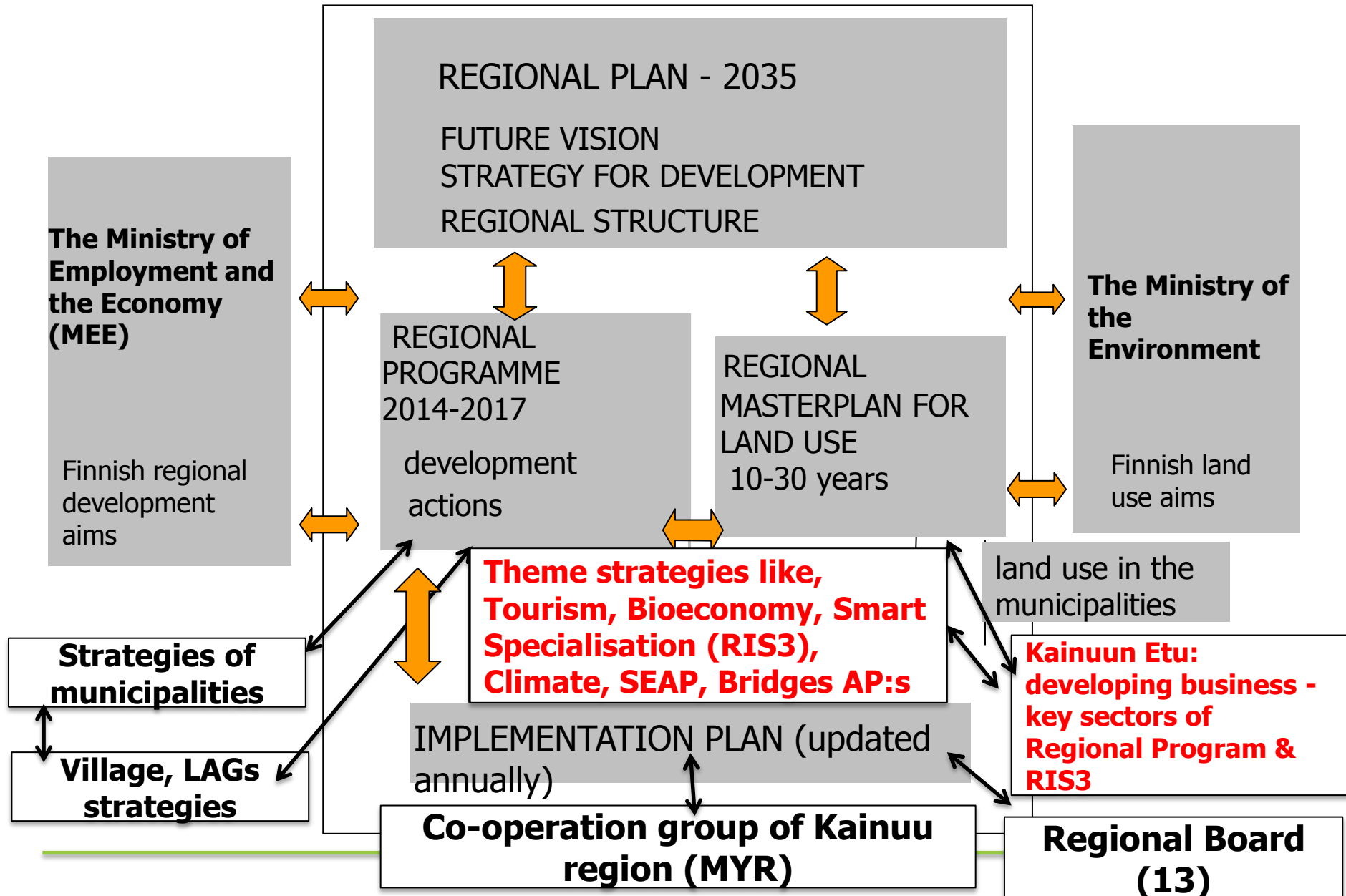
- Region of Kainuu is situated in Eastern Finland
- Consists of eight municipalities:
 - Hyrynsalmi, Kajaani, Kuhmo, Paltamo, Puolanka, Sotkamo, Suomussalmi, Ristijärvi
- Land area (24 452 km²) comparable to Belgium in size; population around 76000 thousand
- Kainuu: Forest land: 1,75 milj hectares, Population: 76 000
 - 20 hectares of forest for every citizen
- Kainuu is well-known for its forests, nature, measurement technology and good opportunities for sports.





- Regional Council of Kainuu is the region's statutory joint municipal authority;
Kajaani, Sotkamo, Kuhmo, Ristijärvi, Suomussalmi, Hyrynsalmi, Paltamo, Puolanka
- The council have two main functions laid down by law:
 - 1) regional development and
 - 2) regional land use planning.
- The council is the regions' key international actors and it is largely responsible for the EU's Structural Fund programmes and their implementation.

REGIONAL DEVELOPMENT SYSTEM IN KAINUU



IMPLEMENTING REGIONAL PLAN AND STRATEGY



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- For fostering new businesses and reaching objectives of Regional Strategy there are
 - Implementation Plan of Regional Program (updated annually)
 - RIS3
 - Bio-economy forum and bio-economy strategy
 - International projects, like BRIDGES and action plans of BRIDGES
 - Bio energy strategy and committee
 - As well as rural business, mining, wood industry, tourism, ICT cluster strategies and steering groups mostly co-ordinated by Kainuun Etu
 - The forest cluster committee
 - Environmental program and monitoring group: Sustainable development is a key strength and possibility for Kainuu also in the business – projects like BRIDGES are crucial



Priorities of smart specialization in Kainuu 2014 – 2020

- Top priorities of a smart specialization in Kainuu:
 - 1) ICT and information systems including measuring technology, gaming and simulation technology (– **crossing point with BES & RIS3**), data centers and data center ecosystems,
 - 2) natural resources where focus is on sustainable development in mining and bio-economy
 - 3) health and wellbeing where focus is on activity tourism and innovations of nutrition, health and sport (– **crossing point with BES & RIS3**).

Smart Specialisation Choices of Kainuu Region

ICT AND INFORMATION SYSTEMS

- MEASUREMENT TECHNOLOGY
- GAMES AND SIMULATORS
- DATA-CENTERS & DC eco systems

NATURAL RESOURCES

- MINING
 - Green mining
 - Process and environmental applications
- BIO-ECONOMY
 - Forestry biomass
 - Bioenergy
 - Wood industry

HEALTH AND WELL-BEING

- ACTIVITY TOURISM
- INNOVATIONS OF NUTRITION, HEALTH AND SPORT & FITNESS

NEW INVESTMENTS, FIRMS AND KNOW-HOW TO THE REGION

MEASUREMENT TECHNOLOGY, INNOVATIONS IN METAL INDUSTRY

GAMES (utility applications of games) AND SIMULATORS

NEW INNOVATIONS OF BIO-ECONOMY, ECO-EFFICIENCY AND LOW-CARBON

Cross-section themes in the smart specialization strategy of Kainuu & – crossing point with BES & RIS3



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- 1) development and utilization of measuring technology and gaming and simulation technology in the chosen categories (including bio economy)–
crossing point with BES & RIS3
- 2) creating **new products, implementations and solutions in mechanical and metal industry especially in the needs of bio-economy and mining – crossing point with BES & RIS3**
- 3) **developing new applications, innovations, products & services in bio-economy – crossing point with BES & RIS3**
- 4) receiving investments, enterprises, know-how and technology to the area.
Cross-section themes are pursued in implementing all of the fields of the smart specialization strategy (**– crossing point with BES & RIS3**).

KAINUU BIO ECONOMY STRATEGY 2015 - 2020

COMMON OBJECTIVES OF BIO ECONOMY SECTORS

Vision 2020

AIMs of BE strategy

- New investments, higher value products & services based on renewable nature resources & circular economy materials
- Agriculture products more profit, forest economy produces more economic benefits for the region
- Fostering the development from fossil economy to bio economy

GOALs (aimed results)

- Number of jobs
- Investments
- Potential of forest in use
- Agriculture remains & fosters

Strategy actions

Kainuu bio economy sectors & the developing goals of the sectors

- 1) Food, 2) Products of bio economy – logging of raw materials, 3) Products of bio economy – refining, 4) Renewable energy, 5) Nature tourism & nature based well being services (Green Care)

RIS3 implementation 5 questions Kainuu

- **QUESTION 1** Is there a project pipeline agreed for the bio-economy development niche?
- *In a way bio economy is very wide issue in our region we have 5 sectors under the bio economy. – find ways to use all renewable materials for business in sustainable way (see other slide)*
- **QUESTION 2** Are there criteria for funding /co-funding RIS3 business projects?
- **If yes, what are they? What type of investments do they prioritise?**
- *When making funding decisions of projects it is evaluated do they follow RIS3 principles if they do, it gives them stronger position in choises*
- **QUESTION 3** Do the criteria for funding / co funding RIS3 projects, include eligibility of innovation partnerships (R2B or B2B, or R2R)
- *In RIS3 actions objectives of new jobs, investments or new firms are stressed. Also innovation partnerships should support these targets*

Project pipeline agreed for the bio-economy niche



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- Create ecosystems of bio economy where entrepreneurs, RDI, public sector & civil society are co-operating (quadruple helix); these are developing with ST1 (producing biofuels from sawdust), Cross Lam producing elements for wood construction KaiCellfibers, CrossLam, ST1 – industrial investments of bioeconomy already exist in the region – bio economy ecosystems will be developed around these firms + KaiCell Fibers (searching investments for new bio economy mills) - **RIS3 & innovations are key parts on these**
- developing bio economy ecosystems based on bio economy established to region & their Co-operation with centers of expertise of regions as well as those outside the region
- Ideas & principles of circular economy are key elements of bio economy (waste of other production is raw material for other production)
- Find new ways of using renewable raw materials before they were finally used for example for bio energy producing - **RIS3 & innovations are key parts on these**

RIS3 implementation 5 questions Kainuu

- **QUESTION 4** What type of RIS3 related investments & innovation partnerships have already been fund/co funded? Are there some results already?
- *Cemis – measurement technology development program – new jobs, innovations, firms*
- *KaiCell Fibers Ltd. (searching investments for new bio economy mills)*

- **QUESTION 5** Is there an innovation infrastructure already assigned with supporting the RIS3 implementation? If yes, are there performance criteria set to this structure?
- *There are RDI infrastructures funded by structural funds (like machines helping produce biogas, games developing studio, simulator studio, machines for developing wood industry products)*



- Creating ecosystems of bio economy where entrepreneurs, RDI, public sector & civil society are co-operating; these are developing with
- ST1 (producing biofuels from sawdust),
- Cross Lam producing elements for wood construction
 - industrial investments of bio economy already exist in the region – bio economy ecosystems will be developed around these firms + **RIS3 & innovations are key parts on these**
- KaiCell Fibers (searching investments for new bio economy mills) – new investments
- Developing bio economy ecosystems based on bio economy established to region & their Co-operation with centers of expertise of regions as well as those outside the region



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Thank you!!

Story goes on.



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