



SUOMEN ITÄMERI-INSTITUUTTI
THE BALTIC INSTITUTE OF FINLAND



Johanna Leino, Development Director
The Baltic Institute of Finland

BSR Stars S3 project aims

- Improve capacities of regions to **implement regional smart specialization strategies with focus on bio- and circular economy**
- Enhance **business-research cooperation and new partnerships** in bio-/circular economy and **co-specialization of the BSR**



Partners

- 1 The Baltic Institute of Finland (FI)
- 2 Nordic Council of Ministers (DK)
- 3 Baltic Development Forum (DK)
- 4 Business Link Greater Copenhagen (DK)
5. Nordregio (SE)
- 6 The Swedish Agency for Economic and Regional Growth (SE)
- 7 Värmland Region (SE)
- 8 Council of Tampere Region (FI)
- 9 MITA – Agency for Science, Innovation and Technology (LT)
- 10 Vilnius Gediminas Technical University (LT)
- 11 Lithuanian Innovation Centre (LT)
- 12 Sør-Trøndelag County Authority (NO)



Example: #WastetoValuables matchmaking event, 23-24 Nov. 2017

- 150 participants (business, public, research)
- Company cases
- Thematic working groups:
 1. Circular economy in construction
 2. Circular economy business models and digitalization
 3. Making business from nutrient cycle
- Circular business coaching
- **Transnational “Business from biobased materials” – event to be organized in Karlstad, 4-5 Dec. 2018**



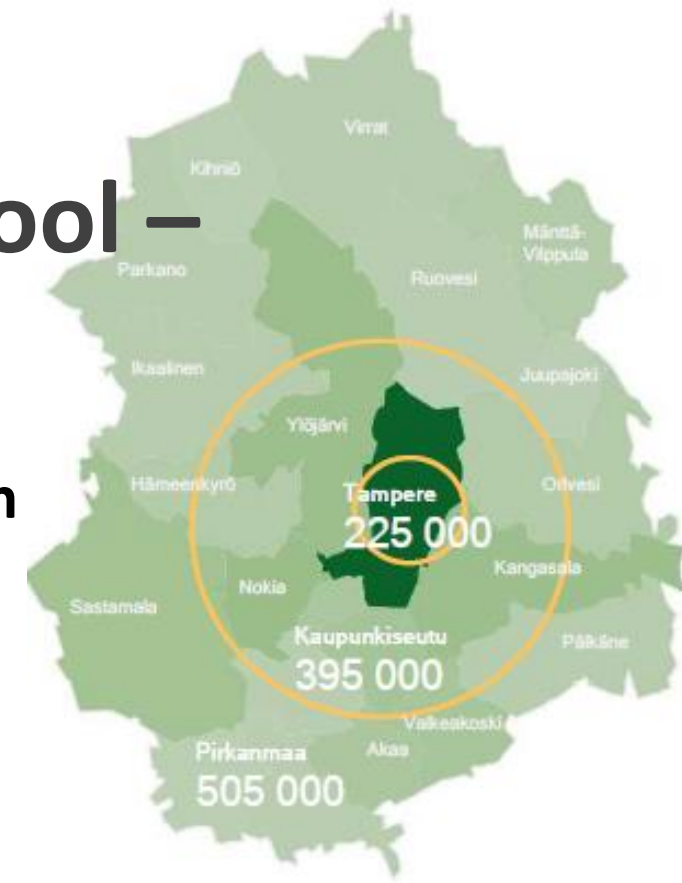
Study visits

- Nordregio in cooperation with NCM and Tillväxtverket organize relevant study visits during project
- The study visits are open to wide group of experts from BSR Stars S3 partner countries
 - 1) Kalundborg, Denmark & Helsingborg, Sweden
 - 2) Värmland, Sweden
 - 3) Kemi-Tornio, Finland



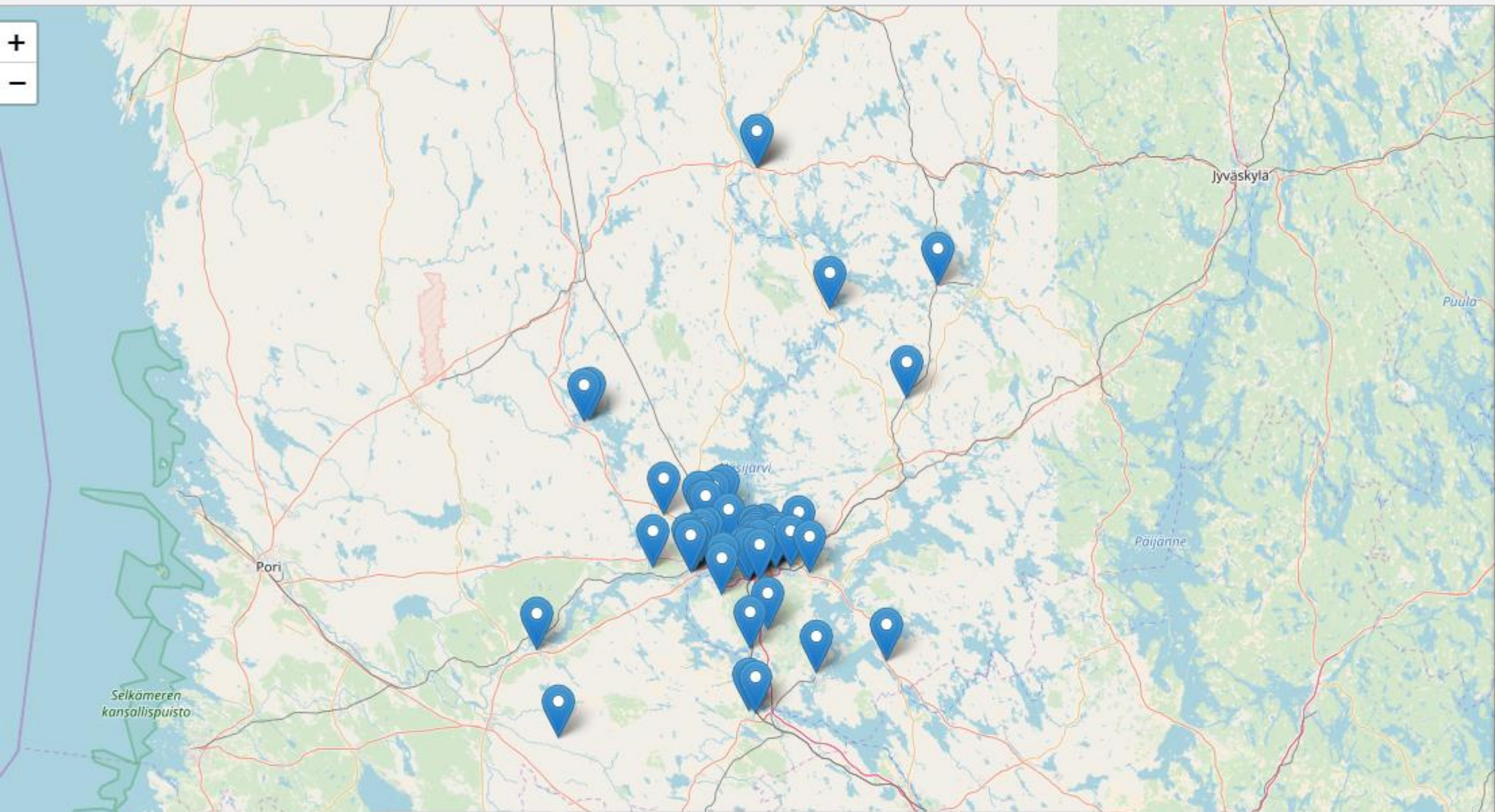
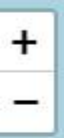
Innovation ecosystem management tool – case circular economy

- Council of Tampere Region has created a prototype of an **open data based visualization tool** for innovation ecosystem management
- Idea is to get **real time information** on circular economy ecosystems including actors and their linkages
- Tool is a digital information service that uses open data and also other information sources
- In pilot phase the tool focuses on Tampere Region



Ecosystem tool development

- Aim is to get information on the following:
 - actors in the circular economy (parties with a business ID) and their networking with various parties
 - interaction between the actors, and the content and volume of exchange
 - operations of the actors and the relevant key figures (business- and regional-level)
 - funding and financial support received by circular economy actors
 - areas of the circular economy stemming from the strengths of the region



SELECTION CRITERIA

- > Spatial
- > Temporal

TOPICAL

ALL

- Biobased products
- Biofuel
- Circular economy
- Circular economy in construction
- Companies in circular economy by Sitra
- Eco3
- Nutrient recycling
- Recovery, sharing and recycling
- Waste management and collection

VISUALISATION

- > Actors
- > Connections
- > Key figures
- > Ecosystems

SHARING

- > Web hosting

Policy briefs

- Nordregio makes policy briefs on following subjects:
 - 1) Inclusive digitalization (published)
 - 2) Transnational cooperation – case smart lighting (published)
 - 3) Innovation ecosystem management tool (autumn 2018)
 - 4) Industrial symbiosis – comparative study (autumn 2018)
 - 4) Tools and methods for smart specialization (spring 2019)





Smart specialization in bio- and circular economy in the Baltic Sea region through enhancing cross-sectoral business-research partnerships and innovation ecosystem management.

Thank you!
Johanna Leino

johanna.leino@tampere.fi

<http://www.bsr-stars.eu>

