

BSR Stars S3 – Smart specialisation through cross-sectoral bio-, circular- and digital economy ecosystems

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Project aims

- Improve capacities of regions to implement regional smart specialization strategies with focus on bio- and circular economy
- Enhance business opportunities in bio-/circular and digital economy
- New partnerships in the Baltic Sea Region



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 Region Skåne (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)

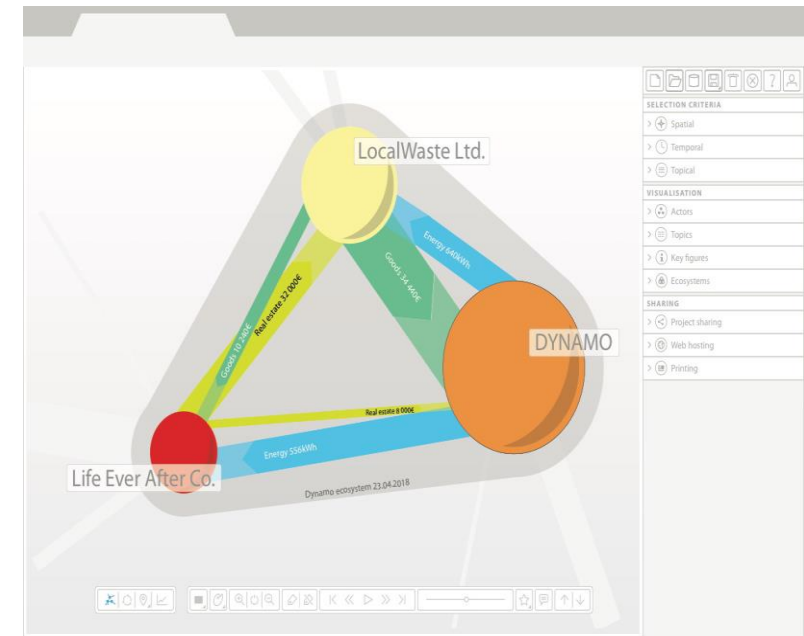


Example of activities: transnational voucher pilot

- Nordic Council of Ministers made mapping on circular- and bioeconomy related test and demonstration infrastructures
- Open call for the Baltic Sea Region Bioeconomy Innovation Vouchers
- For SMEs from Denmark, Finland, Lithuania, Norway and Sweden to pay in full or in part for testbed services at bioeconomy testbeds in a neighbouring country
- Enables SME to use relevant expertise that does not exist in own country, in another country
- After the pilot, conclusions will be made on the benefits and possibilities of transnational vouchers

Example of activities: ecosystem management tool

- Tampere develops and demonstrates 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 will use data from global and regional sources to visualize how innovation gets initiated, fueled and adopted both regionally and cross-regionally



Why bio- and circular economy?

- Only way to sustainable future
- Public support and transnational cooperation is needed
- Potential asset for the Nordic-Baltic in global competition
- Nordic Council of Ministers has established **Baltic Sea Region Bioeconomy Council** to speed up the political dialogue, and identify good practices
- Nordic Industrial Symbiosis Network



Tampere Region case: ECO3 Park

- **ECO3** Eco-Industrial Park is a 600-hectare sized hub of bioeconomy and circular economy companies
- It is possible to create operational and logistics chains and utilize shared services and energy networks
- The first phase companies at the ECO3 area:
 - Regional Waste Management company, biodigester (2017-2018)
 - Nokia Water, wastewater treatment plant(2019)
 - Ecolan & Outotec, ash refinery(2017)
 - Ecomation, pyrolysis facility (2017)
 - Nowaste, recycling of plastics and rubber (2017)



Tampere Region case: Hiedanranta district

- Future urban district is situated around an old pulp factory area near the city centre, at the shore of lake Näsi
- Emphasis on smart and resource-efficient district based on circular economy. Experiments and innovations for the future
- The future city district will be located at convenient tramway ride away from the city centre.



NordicUSNetwork: Tampere expectations

- Learning and sharing: how Industrial Symbiosis is supported by public sector and other organisations in different countries and regions
- Focused research and other cooperation possibilities
- Possibility to offer transnational possibilities for companies
- Development of joint waste markets

BSR Stars Retweeted



Johanna Leino @Joh_Leino · Jun 6

#circulareconomy networking, promoting #Tampere #industrialsymbiosis for #Nordic network at #WCEF2017 @BalticInstitute @bsrstars



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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!

