

Smart UP BSR Innovation Camp

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BSR Innovation Camp, Aalto

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Learning City
ESPOO

FINLAND – THE GLOBAL INNOVATION ACCELERATOR

1st in the
Europe 2020
Competitiveness
Index

**The
most
innovative
and highly
educated country
in the world**

(The World Economic
Forum, Global
Competitiveness Report
2014–2015)

**The
most
digital
startups per
capita in the
world**

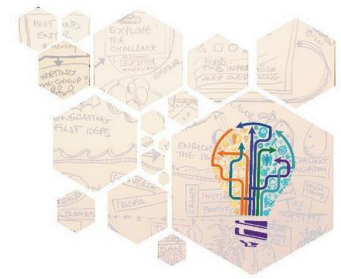
**The
world's
greenest
country**
(2016 Environmental
Performance Index)

**The
best
primary
education
system in the
world**



Espoo
Innovation
Garden

Smart-Up in Nutshell



- *Dynamic, entrepreneurial & engaging*
- *BSR RIS3 implementation four spearheads: healthy ageing, digital smart city, climate change and circular economy*
- *Allows regions to learn hands-on and build solutions via innovation camps*
- *Foster BSR bottom-up innovation and experimentation*
- *Mobilizes existing knowledge, expertise, and showcases best practices in the area of smart specialisation*
- *Activates Baltic Sea region network around important societal challenges*
- *Regions in 9 countries of the Baltic Sea Area, 13 partners, 26 associate partners, including DG JRC & DG REGIO, UN SDG Cities 25+5*

SUSTAINABLE DEVELOPMENT GOALS



Objective: Smart Up BSR as a community for change

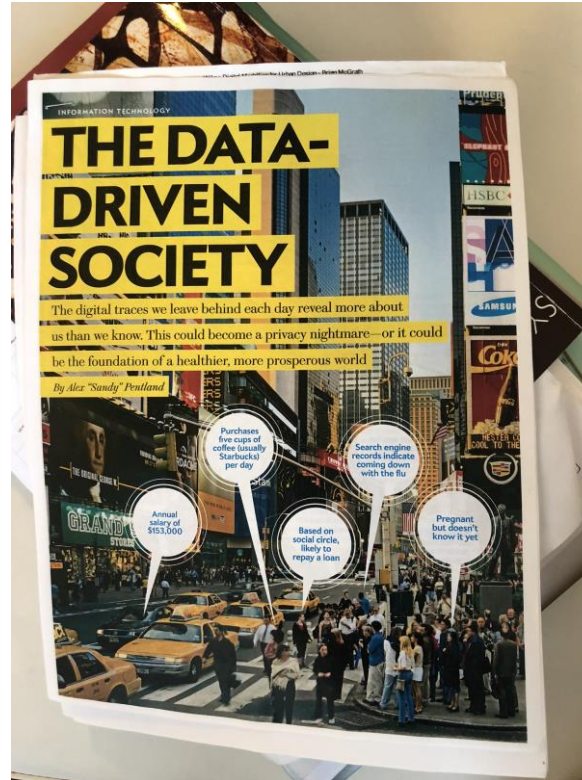
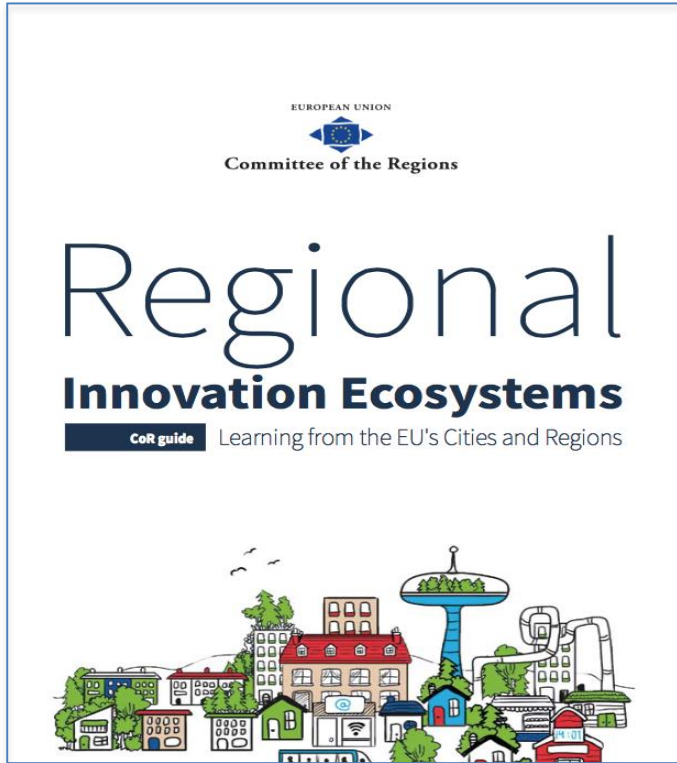
- Smart Up as a **community for RIS3 inter-regional engagement in Baltic Sea**
- and activating **cross-regional networks to solve grand societal challenges**
- **Innovation camps: a pilot of a 3-year long cross-regional engagement process with quadruple helix stakeholders**
- **Innovation camp method – a capacity building for regional innovation and RIS3 implementation**





Sustainable & Smart BSR 2030

Evidence informed policy & decision-making










Smart-Up BSR Key Challenges

1. **Boost inclusive regional stakeholder engagement:** How do we make the development of our regions inclusive? How do we engage diverse stakeholder in Baltic Sea Region?
2. **Engage BSR Inter-regional collaboration:** How to engage and collaborate across regional borders in Baltic Sea regions? How to create and develop the spearhead initiatives together in the macro-region?
3. **Boost Entrepreneurship & entrepreneurial discovery process:** How to boost entrepreneurship and start-ups in BSR? How does the entrepreneurial discovery process create value in BSR?
4. **Save Baltic Sea and tackle grand societal challenges:** How to tackle grand societal challenges like climate change, circular economy, and healthy ageing via smart specialization in BSR? How to attract relevant businesses inclusively?



Smart Otaniemi - Let's re-discover energy together.

 SUSTAINABLE DEVELOPMENT GOALS	7 AFFORDABLE AND CLEAN ENERGY 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	11 SUSTAINABLE CITIES AND COMMUNITIES 
	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 	13 CLIMATE ACTION 	17 PARTNERSHIPS FOR THE GOALS 



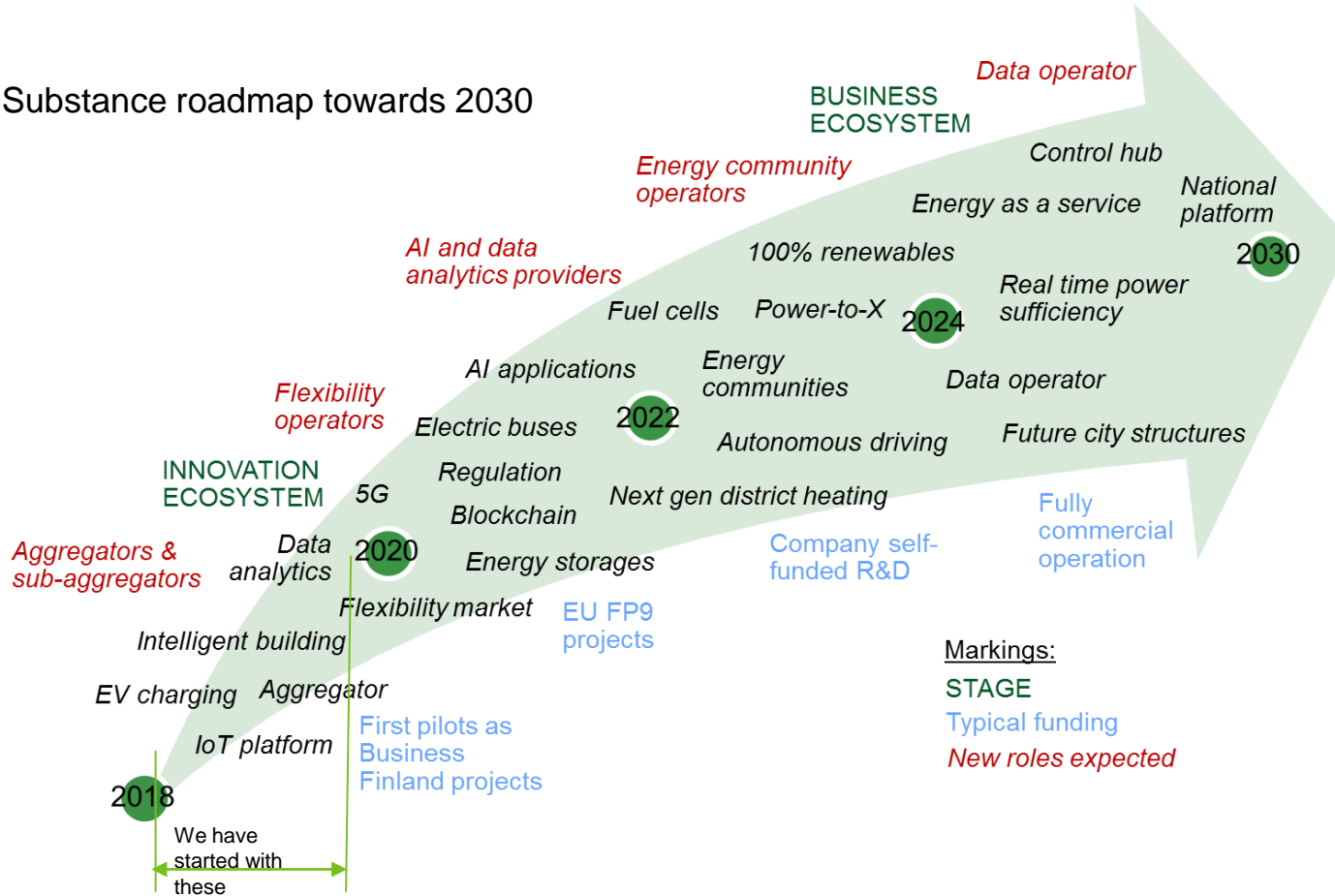
Smart Otaniemi: Finland opens the doors for re-discover energy

Cold climate, dark seasons, long distances and energy-intensive industry set ambition for clean energy system and **to rethink and re-discover energy systems.**

- **Finland has excellence in energy field research as well as 5G and IoT studies. 5G connectivity, artificial intelligence and IoT applications are already used in Finland's energy systems.**
 - Innovative transmission and distribution system operators, advanced regulation and market frameworks.
- **Possibilities to test new business models and services in real circumstances.**
 - Digitalization in energy is easily said than done.
- **More sandboxes and playgrounds needed where energy utilities, ICT sector, building and transportation operators and service providers can co-create and test new services together with the citizens.**
- **Currently 50 partners: ICT and energy utilities, service providers, technology vendors and real estate owners.**

Vision and Smart Otaniemi Roadmap

Substance roadmap towards 2030



For the Discussion: Societal Challenges are Complex, Require Responses by Many Policy and Knowledge Disciplines



- *To solve the grand challenges facing society — energy, water, climate, food, health — scientists, industry, citizens and politicians must work together.*

