

Helsinki Region = the Most Innovative Region in the EU



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The Happiest People in the World

Helsinki Region

Roadmap to Reach Carbon-neutrality by 2035
Awarded 2nd Time to be the EER Region in the EU
Smart Specialisation Strategy

Espoo City

Most Intelligent Community in the World 2018
Energy Globe Award 2019
Implementing UN SDGs already by 2025
Place-based Innovation Ecosystems

Examples of EU instruments we use in our systemic transformation In co-creating new societal innovations and implementing SDGs.



European Commission Priorities

European Green Deal

Economy that works for people

Europe fit for the digital age

European way of life

Stronger Europe in the world

European Democracy

Missions in Horizon Europe

Green Deal Going Local

JRC EUROPEAN COMMISSION

EIT – European Institute of Innovation and Technology

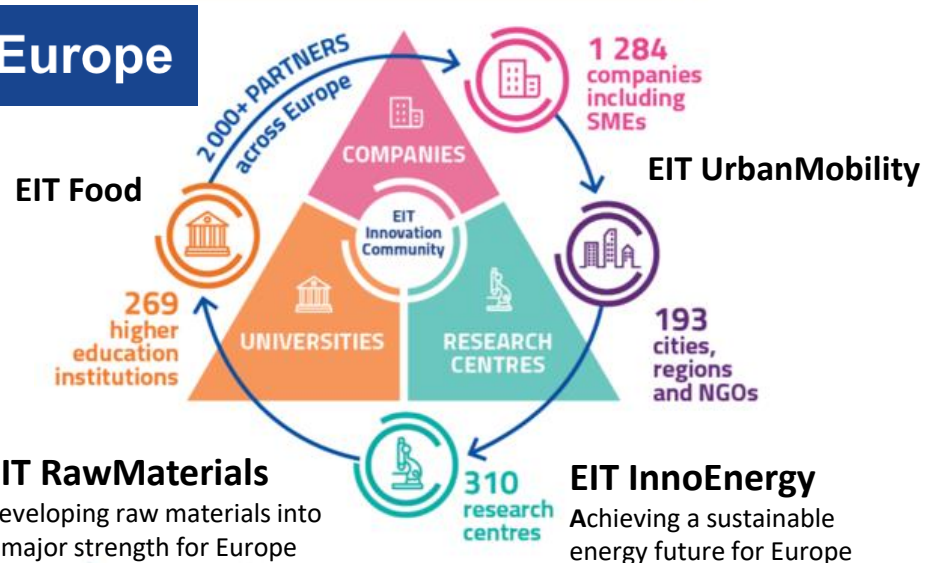
EIT Climate-KIC

Accelerating the transition to a zero-carbon economy

EIT Digital

Driving Europe's digital transformation

Europe's largest innovation community

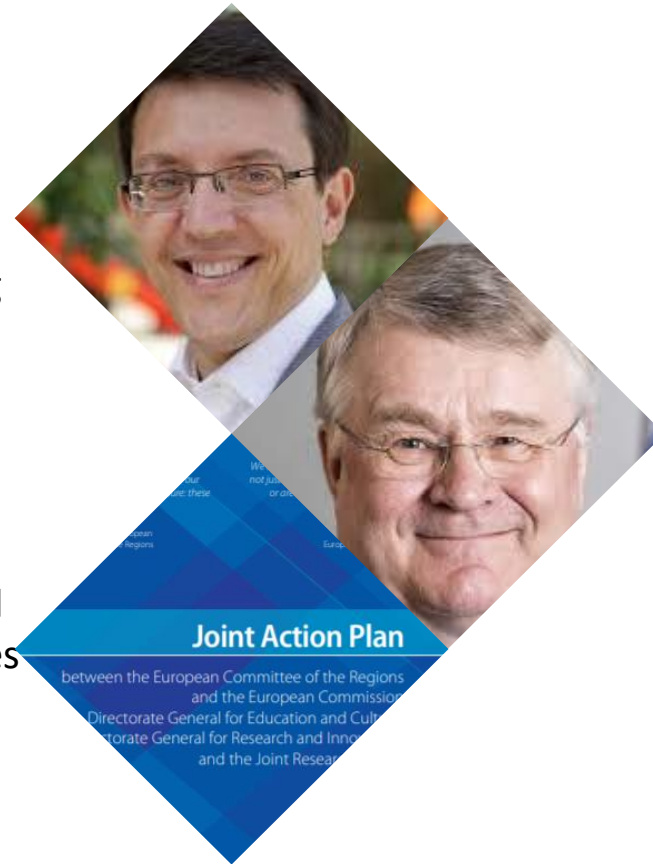


European Partnerships in Horizon Europe

Types of partnerships, how partnerships are being identified, candidates for partnerships, contact details, impact assessments.

CoR General Views on EU Missions

- Missions should be developed through an **open and participatory process, involving all stakeholders at local, regional, European and global level.** (CoR Opinion on the Horizon Programme)
- The CoR suggests carrying out a cross-cutting and dynamic mapping of distributed scientific excellence and smart specialisations, in a partnership between the regions, the Member States and the European Union and stresses the importance of using this mapping to contribute to the networking of **regional smart specialisations** under Horizon Europe. (CoR Opinion on the ERA Communication)
- The CoR stresses the crucial importance of the **two climate-focused missions**, "a climate-resilient Europe" and "100 climate-neutral cities by 2030". The CoR is keen to cooperate with the Commission in encouraging applications and nominations from communities, cities and regions. (CoR Opinion on Climate adaptation)



Exceptional results: also impact. How do we, in our capacity as political leaders, utilize this?

6Aika

<https://6aika.fi/en/6aika-results-era-of-cities/>

<https://6aika.fi/en/what-is-6aika/for-whom/>

Six Biggest Finnish Cities Implementing EU Urban Agenda

This is how the Six City Strategy has impacted the Six Cities



Turku sees improvements in service development and the planning of new areas

The City of Turku has learned to turn strategic...



The City of Helsinki serves as a platform for new business

The Six City Strategy efforts of Helsinki have included...



Public 5G networks opening in Oulu

The Six City Strategy projects of Oulu have been...



In Tampere, residents develop their own residential areas and open APIs facilitate the planning of street lighting

In Tampere, the Six City Strategy is reflected in...



Espoo has opened up as an innovation platform and is utilising data in new ways

In Espoo, residents develop services at schools and in...



Business cooperation well underway in Vantaa – focus now being directed at residents and services

Six City Strategy projects have created a new operating...

CITY AS A SERVICE

- Steps for the Sustainable Future -



2013



Leadership and Culture

Enterprise Architecture

Experimental Development

make With ESPOO

Co-creation

Knowledge management

2030
Impact leadership

Sustainable Espoo Programme

1 Smart city

2 Mobility

3 Energy

4 Sustainable lifestyles

5 Local nature



SMART CITY OF THE FUTURE

KERA

World's first complete urban area based on 5G digital platform, circular economy and carbon neutrality

58 ha
DEVELOPMENT
AREA

14 000*
RESIDENTS

10 000*
JOBS

5G
BASED DIGITAL
PLATFORM



CONSTRUCTION
2022-

INVESTMENTS
3-4 billion €

SUSTAINABLE
DEVELOPMENT GOALS

*Forecast 2035

A UNIQUE INTERNATIONAL INNOVATION HUB



OTANIEMI-KEILANIEMI

A globally unique research and development environment for sustainable urban solutions, based on 5G smart pole technology

5,2 km²
SIZE OF THE
AREA

15 000
RESIDENTS*

11 050
JOBS*

2024
JOKERI LIGHT
RAIL



* Forecast 2050

Engaged with European and global goals



Ways of
achieving
carbon
neutrality
in 2029.

Mayor
Minna Arve's
speech at the UN
Climate
Conference in
Madrid on 11
December 2019.

Turku's Climate Plan adheres to the shared SECAP (Sustainable Energy and Climate Action Plan) model used by thousands of European cities.

- The Plan includes binding goals and measures for mitigating and adapting to climate change.
- Turku joined the Covenant of Mayors in 2010 and reports annually through CDP.
- The Climate Plan 2029 was unanimously accepted by the City Council in June 2018.
- Carbon footprint is addressed by Climate responsibility and Circular Economy



The Espoo Story

Our Way to Become a Forerunner City

- City is not only its own employees and organization
- Active well-educated citizens, local ecosystems
- Networking: local collaboration, international partnerships, industry & entrepreneurship & start-ups
- Focus on intellectual capital: education and RDI, effective use of knowledge and know-how
- Urban planning based on network city with 5 city centers, rails, everything is close to nature

Special Instrument to Accelerate Renewal = Policy Programs

Participatory
Espoo

Healthy
Espoo

Sustainable
Espoo

Inspiring &
Dynamic
Espoo

www.espoo.fi/vlr

<https://urbanmill.org/2015/04/29/espoo-innovation-garden-book-published-orchestrating-regional-innovation-ecosystems/>

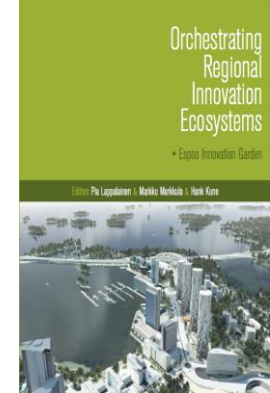
<https://publications.jrc.ec.europa.eu/repository/handle/JRC106122>

<https://op.europa.eu/en/publication-detail/-/publication/6a43bcbb-85a9-43fc-afa3-db58c42f4730>

SDGs & Regional Innovation ecosystems



VOLUNTARY LOCAL REVIEW
IMPLEMENTATION OF THE UNITED NATIONS'
SUSTAINABLE DEVELOPMENT GOALS 2030 IN THE CITY OF ESPOO



SDGs & Influencing at the EU Level

What could we propose for the Commission?

1. EU should keep all SDGs in discussion and the EU priority policy, not just climate. **Focusing in parallel on all SDGs increases the influence.** The Commission should include SDGs in all its communications and Green Deal initiatives;
2. The EU should change its policy to be **more bottom-up** – stressing more than so far, city level: The strong impact comes when we integrate knowledge and experience across disciplines and policy sectors and all SDGs. And when we work together: **local collaboration and European partnerships**;
3. EU should have specific **financing for forerunner cities** to organize and conceptualize the city level collaboration and document this for European wide use;
4. Reaching the SDGs requires much **more systemic transformation and new technology-assisted societal innovations** co-created and taken into use. EU needs to integrate SDGs and the target to reach the level 4% of GDP in using RDI;
5. JRC should continue its work of VLR Handbook integrating this to **Smart Specialisation mechanisms** to support city & region level in using Cohesion and other financing instruments;
6. CoR with JRC and EIT KICs should organize **"Science meets Regions"** events and action projects on SDGs – **piloting, experimenting, prototyping, and scaling up**;

Baltic Sea Collaboration & Smart Specialisation Strategy in BSR

- Innovation camps
- Study on Smart Specialisation Strategy Development in BSR
- 10 cases
- 9 countries (8 EU countries and St. Petersburg)
- Focus on:
 - Strategy creation
 - Strategy revision
 - Collaborative action



Download the book & other documents from:

<https://smartup-bsr.eu>



Smart-up BSR