



European Committee  
of the Regions

# Markku Markkula: Transformation = Innovation + Good Governance

## Systemic challenges

1. Carbon neutrality
2. Productivity leap
3. Societal resilience

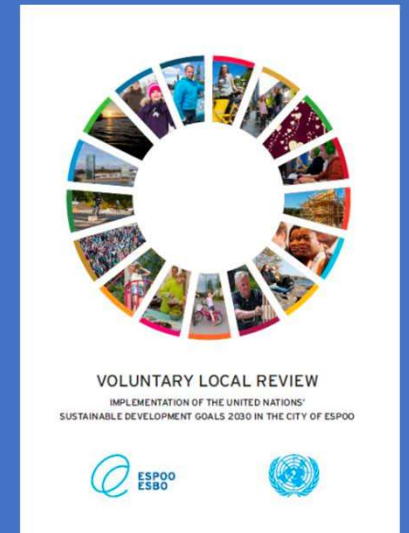
## Technological challenges

4. Quantum leap
5. Super-performing materials
6. Superior digital systems
7. Synthetic biology

Source: vtt.fi



- Vice-President of the EU Committee of the Regions (Former Pres.)
- President of Helsinki Region & Chair of the Espoo City Board



Implementing SDGs  
Voluntary Local Review  
See: [espoo.fi/vlr](https://espoo.fi/vlr)

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

# 6Aika

## Six Cities Implementing EU Urban Agenda

- <https://6aika.fi/en/what-is-6aika/for-whom/>
- <https://6aika.fi/en/results-of-six-city/>

## 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...

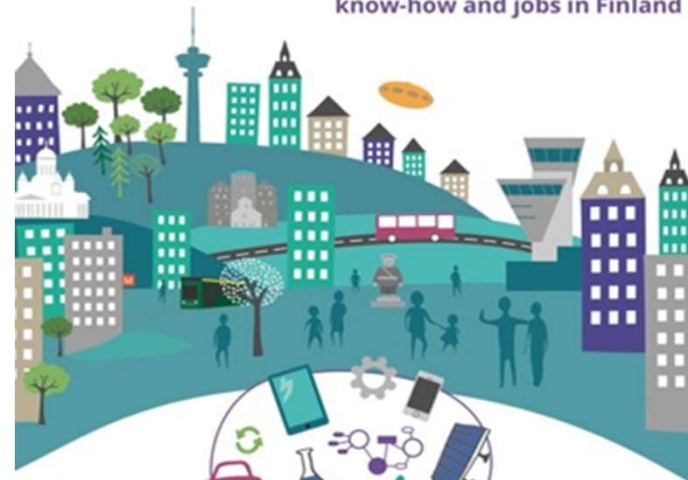
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# Cities & Regions Should Be the Global Forerunners in Achieving Carbon Neutrality and in Implementing SDGs



## Making cities smarter together

Six cities creating new business, know-how and jobs in Finland



EIT – European Institute of Innovation and Technology

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## Missions in Horizon Europe

### European Partnerships in Horizon Europe

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

#6aika @kuutos aika  
6aika.fi/en

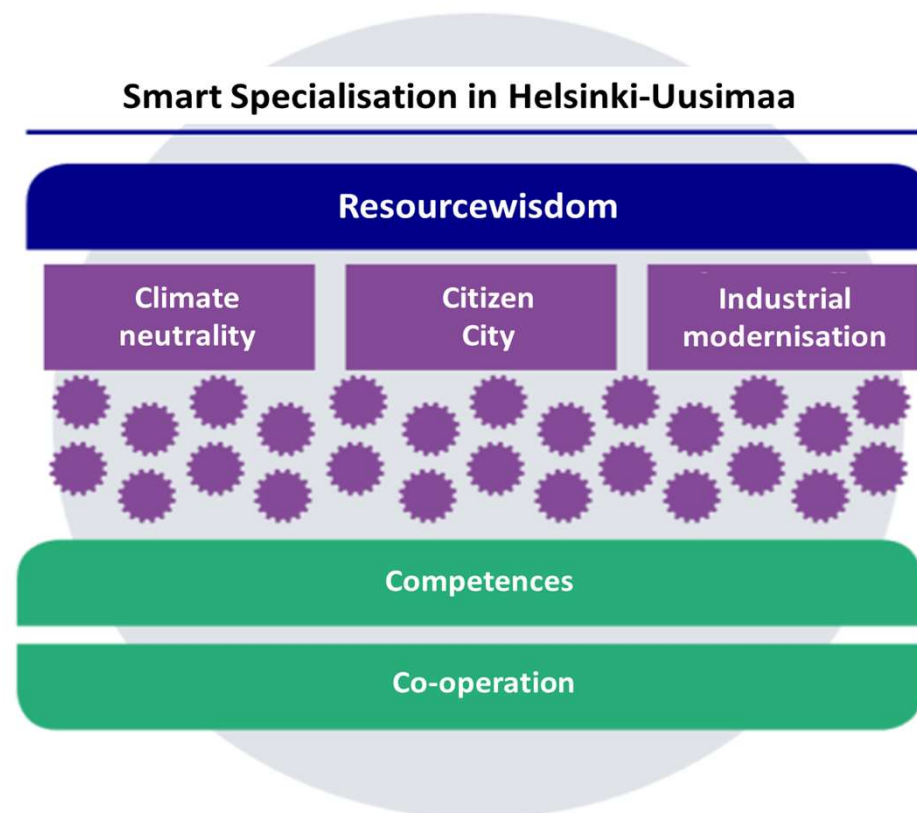
**6Aika**



Helsinki, Espoo, Tampere, Vantaa, Oulu and Turku

# Instrument for Change: Regional Smart Specialisation Strategies RIS3 → S4

1. Use RIS3 for the regional economic transformation
2. Encourage co-creating innovations to accelerate change
3. Focus on entrepreneurial spirit and value creation processes
4. Increase European Partnerships
5. Speed-up the strategic political decisions
6. Implement RIS3 by involving all key stakeholders (Quadruple Helix)
7. Integrate Green & Digital in RIS3 thinking and all measures → S4



[helsinkismart.fi](http://helsinkismart.fi)

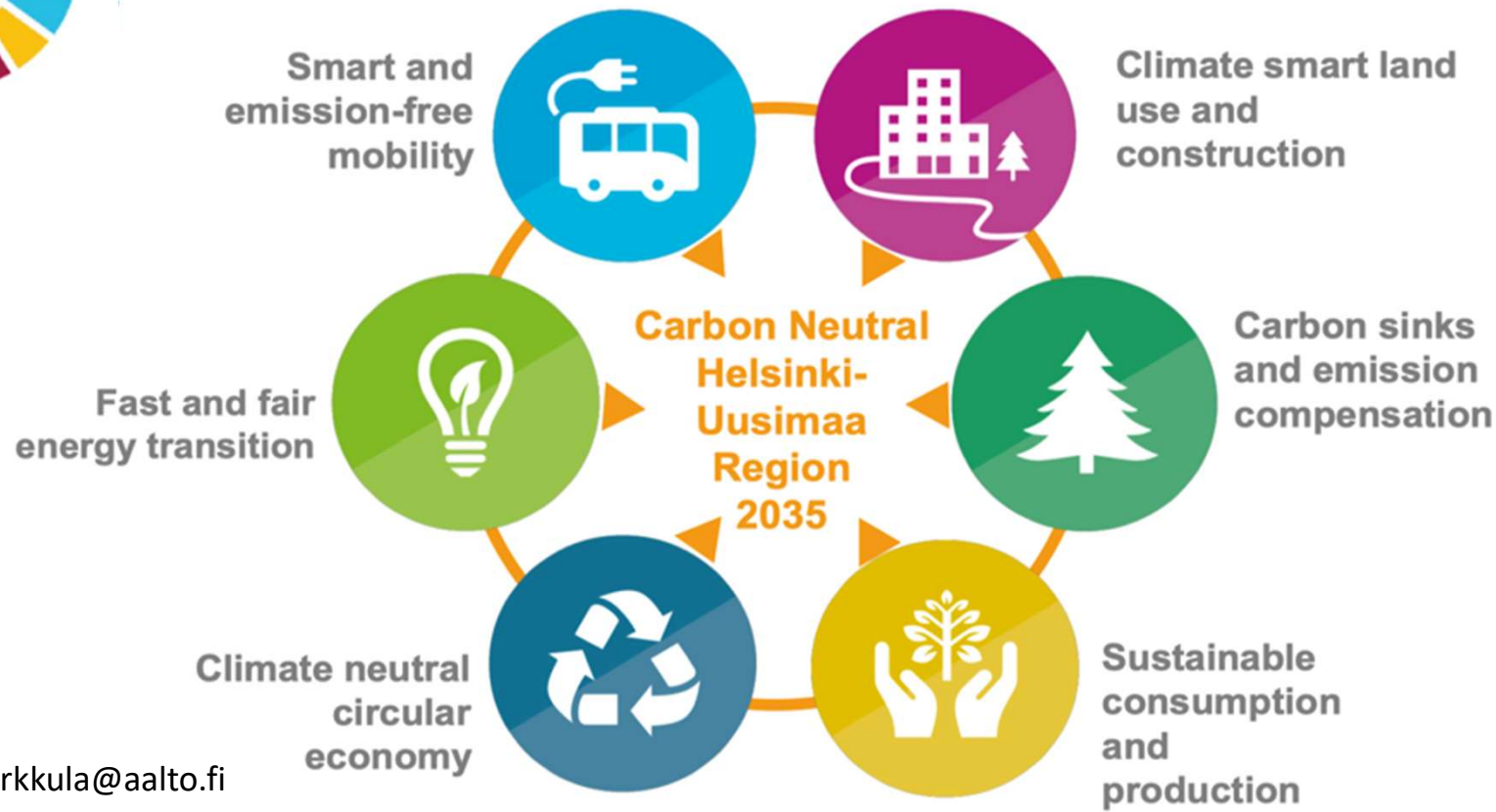
Competence is a uniting factor across all strategic priorities. Helsinki Region has a strong and versatile educational sector. Responding to the needs of resource wisdom requires the extensive and efficient utilisation of competences in all areas of priority.

*"The European Green Deal is our new growth strategy. It will help us cut emissions while creating jobs."*

*Ursula von der Leyen, President of the European Commission*



## Six focus areas of the roadmap



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**Climate Neutral EU 2050 - 55 % 2030**



EU Joint Research Centre JRC made in 2017 an analytical study of Espoo Innovation Garden as the example for other cities on What is the Place-Based Innovation Ecosystem