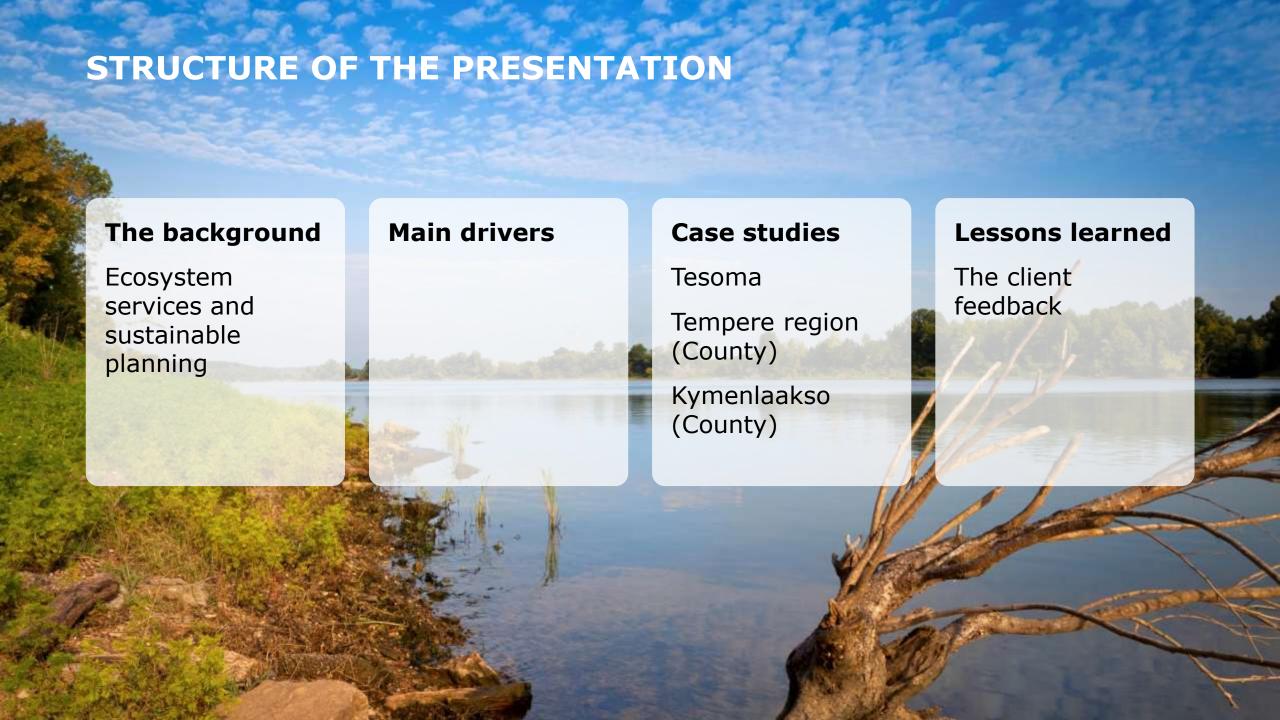


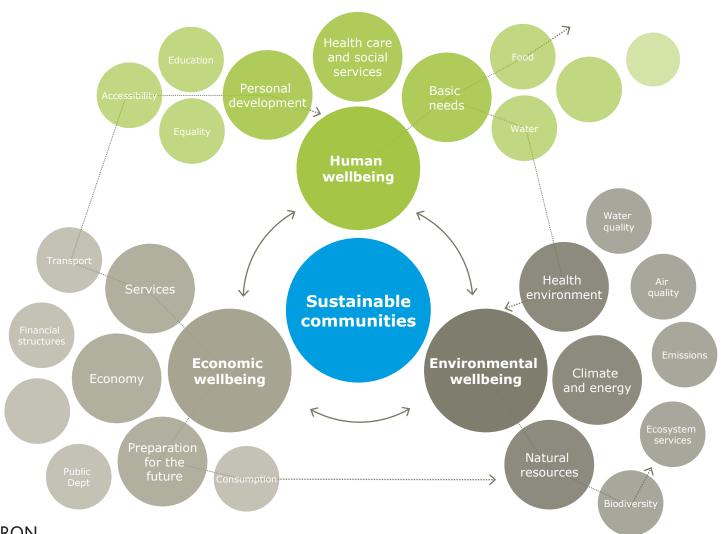
INTEGRATING ECOSYSTEM SERVICES IN REGIONAL AND LANDSCAPE PLANNING

Kaisa Mustajärvi, Ramboll Ilpo Tammi, Tampere regional council Jussi Rasinmäki, SIMOSOL



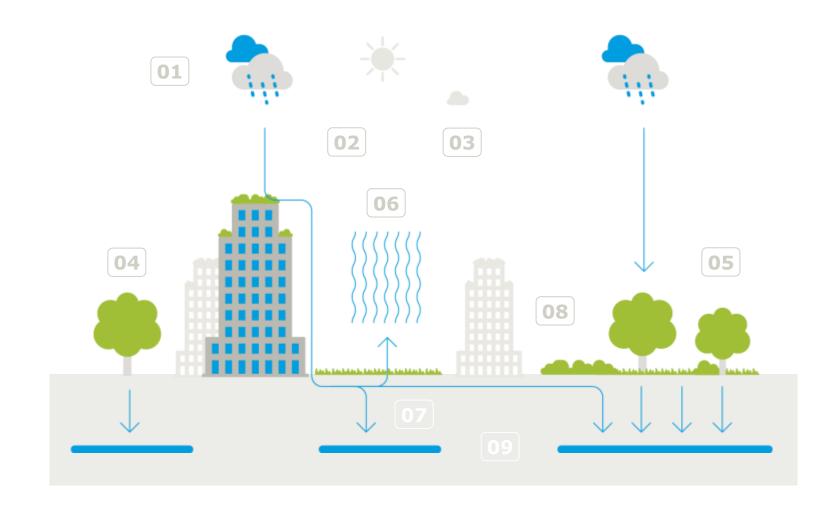


AN EXAMPLE OF THE TYPOLOGY OF THE INTERACTIONS BETWEEN DIFFERENT COMPONENTS IN OUR WORK FIELD

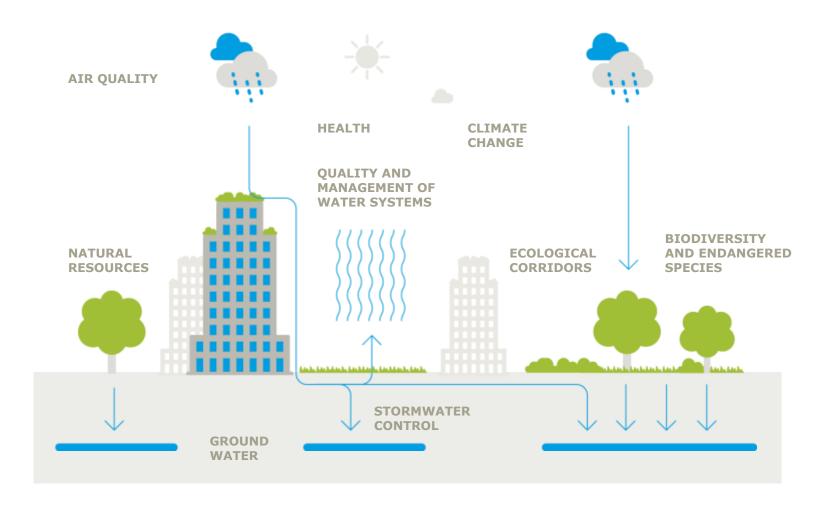


FUNCTIONALITY AND INTERACTIONS - ECOSYSTEM

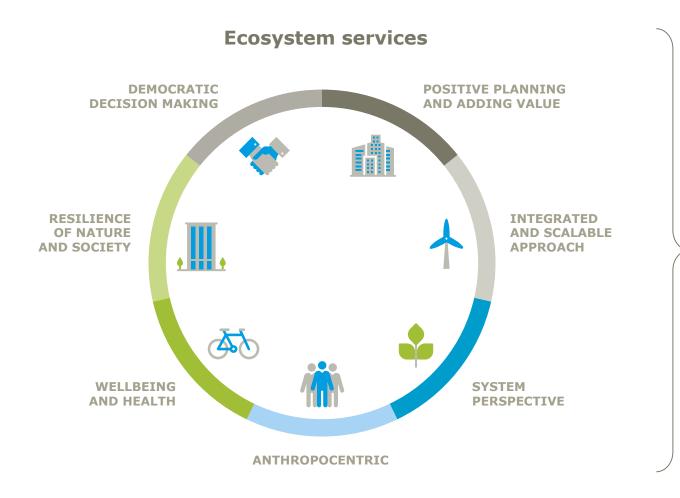
- **01** Air quality
- **02** Health
- O3 Climate change
- **04** Natural resources
- Biodiversity and endangered species
- Quality and management of water systems
- **07** Stormwater control
- **08** Ecological corridors
- **09** Ground water



FUNCTIONALITY AND INTERACTIONS - ECOSYSTEM



HOLISTIC PLANNING



Liveable cities and places



MAPPING OF ECOSYSTEM SERVICES

LANDSCAPE PLANNING

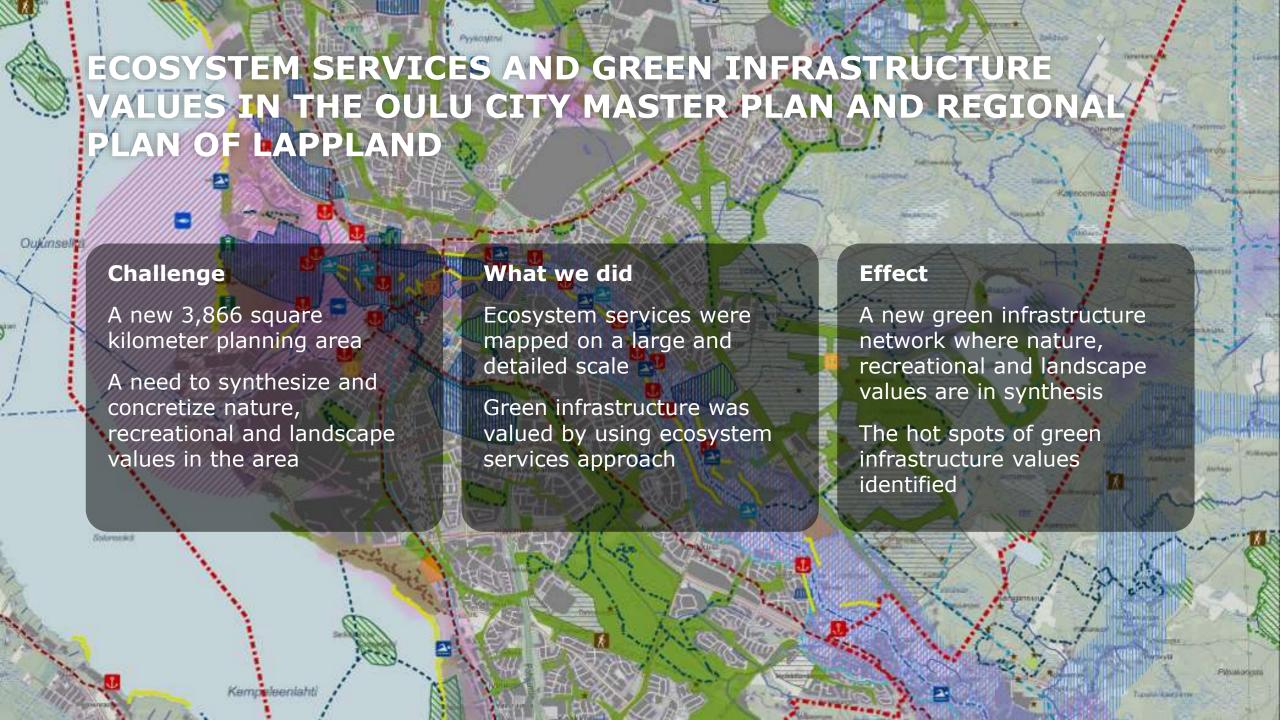




MAPPING OF ECOSYSTEM SERVICES

REGIONAL PLANNING





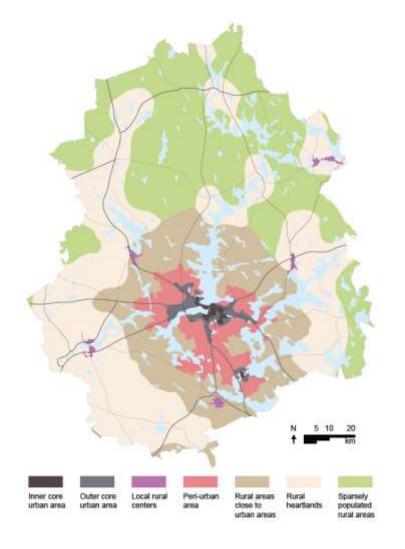
MAPPING OF ECOSYSTEM SERVICES

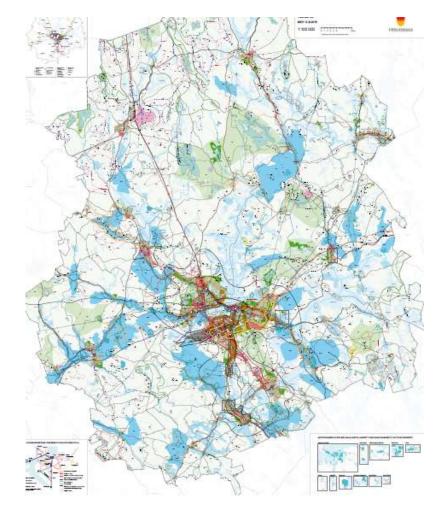
REGIONAL PLANNING: COUNTY PLAN OF TAMPERE REGION





To move from identification of services to mapping the **value** of service

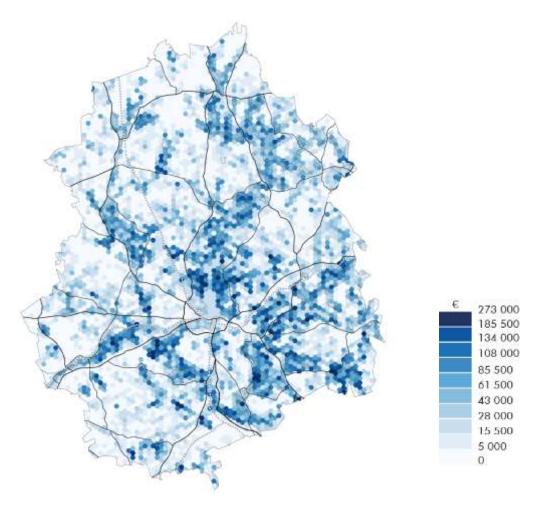






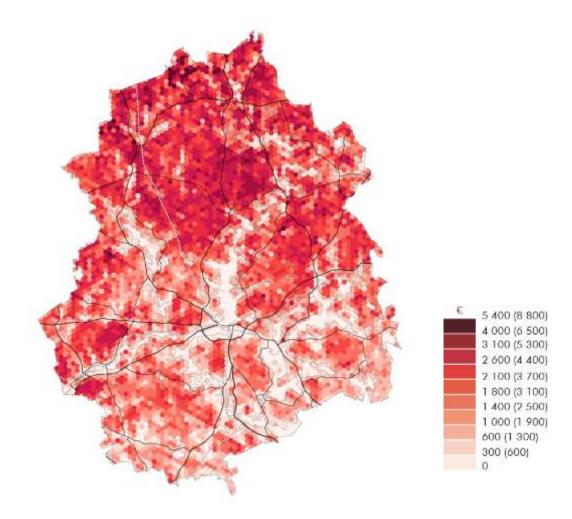


Summer cottage living





Berries (lingon berry)

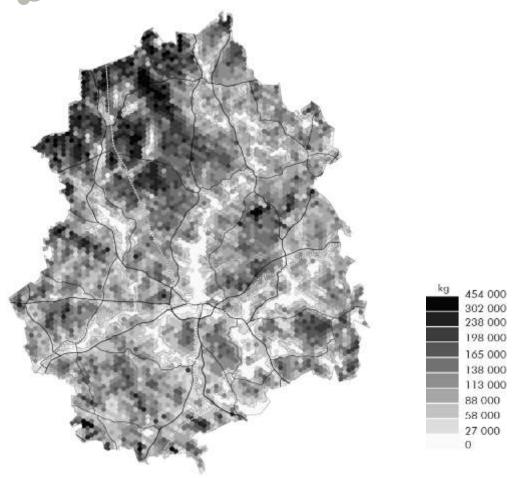






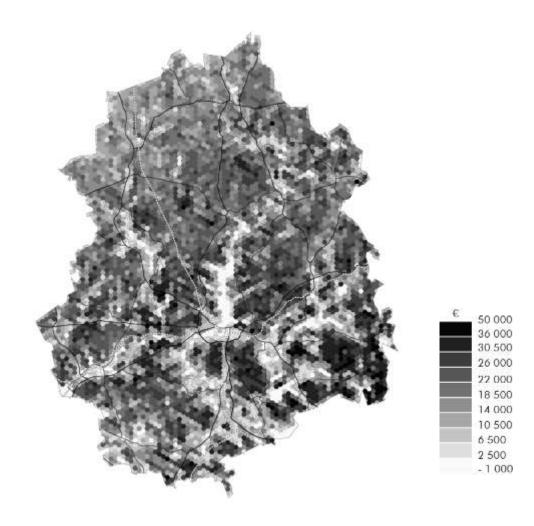
Carbon storage





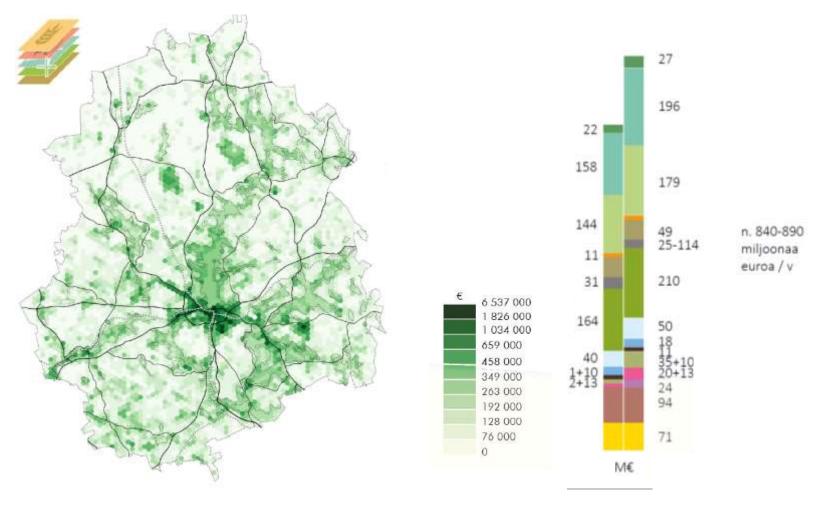


Carbon sequestration





Net value of all services



Including:

- Eg. Nutrient retention in water basins
- Wood production
- Crops
- Recreation...

PIRKANMAA, Council of Tampere Region



FEEDBACK

FROM CLIENTS



CLIENT FEEDBACK

- Facilitates participation
- Highlights the multi-functionality of green spaces
- Facilitates communication and understanding between stakeholder groups







NEXT STEPS

NEW PROJECTS



GREEN AND BLUE INFRASTRUCTURE OF KYME VALLEY





THANK YOU!

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