NTNU Smart Sustainable Cities Group, the Cities Mission and the NEB Initiative

Horisont Europa, missions og samarbeidsprosjekter NARMAS Vårkonferanse 21.03.2023



NTNU Smart Sustainable Cities



Studies

Research and innovation

Life and housing

About NTNU

Smartcities

NTNU Smart Sustainable Cities

NTNU Smart Sustainable Cities is a cross-disciplinary knowledge cluster of architects, planners, designers, artists, engineering, ICT, social and economic sciences. Together, we offer open urban innovation, co-creation and decision support for people-centric smart sustainable cities, supporting public and private sector as well as civic society with a unique merger of transformative, technological, artistic and practice-based research. With urban living labs, public-private partnerships and integrated design



thinking, the initiative supports cities in their ambition to truly become cities for people, cities of culture, green cities, digital cities and learning cities - in short, truly smart and sustainable.

NTNU Smart Sustainable Cities coordinates amongst others the following projects and programmes: the * +CityxChange smart city lighthouse project, the EERA Joint Programme Smart Cities, HEU-NUP Horizon Europe Norwegian Urban Partnership.

NTNU is a partner of the European Commission's New European Bauhaus initiative, and we contribute to the **ENHANCE** European Universities of Technology Alliance.

https://www.ntnu.edu/smartcities



Some of our projects















... and others



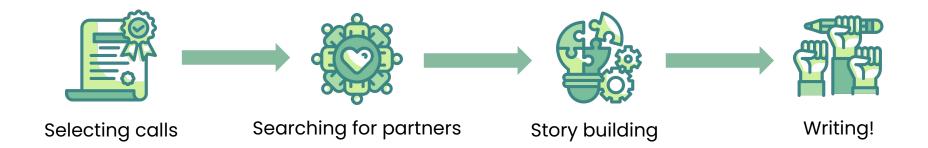
Why we "focus" on the Cities Mission & NEB





- Holistic approach multiple disciplines and actors combined
- People-centric beyond technology
- Experiment in different cities/backgrounds/cultures
- Open to different approaches
- Projects >>> more projects

Proposal development



Challenges and benefits of our Mission-related portfolio







Benefits beyond the group

Can we fine-tune the Impact Model with a suite of methods & projects? Where can we strengthen what already exists, or create something there is a gap?

And build relations & trust in the pro-

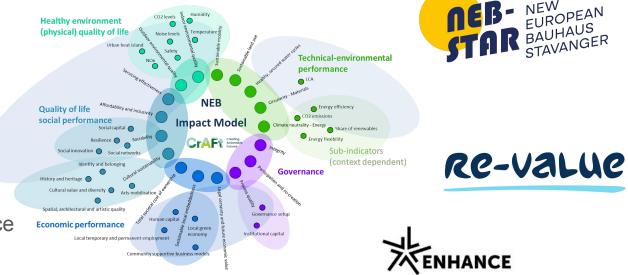
Example of transversal research topic

Academic meta-analysis across the literature

Area-based mapping of neighbourhood qualities with local communities

Gamified to get more people to use it and allow us to crowdsource experience-based data

Project partners, Postdoc projects, Students ...



CHANGE

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Thank you!

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