



TRONDHEIM KOMMUNE
Bærekraftssenteret



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A Lighthouse City Coordinator

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+CITYXCHANGE

Limerick · Trondheim · Alba Iulia · Písek · Sestao · Smolyan · Võru

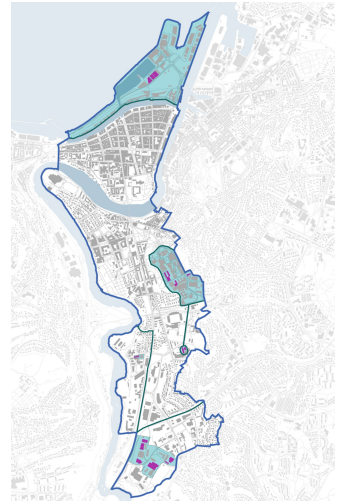
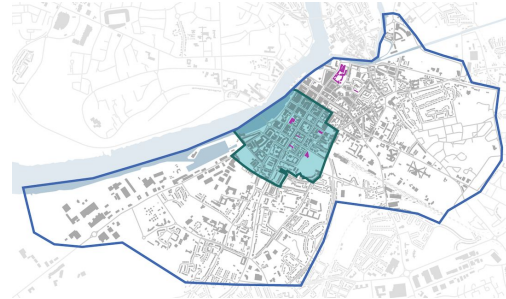
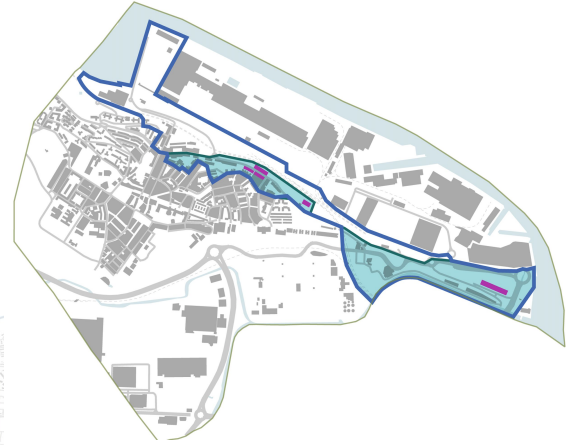
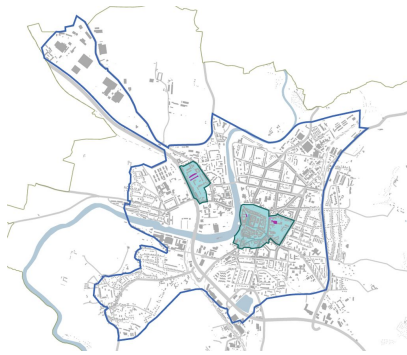


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824260.



WHY

- Paris Agreement recognises the role of cities to reduce greenhouse gas emissions and adapting to climate change.
- Wide deployment of Energy positive Districts by 2050
 - Innovation
 - Replication
 - Scaling
 - Commercialization





Trønderhovedstaden is a lighthouse in the EU project «Positive City Exchange» (+ CityxChange) where ABB will deliver smart management solutions that make selected districts energy-positive, ie they consume less energy over the year than what is generated locally.

The project is part of the EU's largest innovation program, Horizon 2020. NTNU is leading the project with partners in power supply, public transport, property management, car sharing and power, control and information technology. ABB is the main integration partner in the Norwegian part of the

**Positive Energy Districts
that are inclusive,
beautiful, resilient and
sustainable: towards a
European framework**

A new EIP-SCC Initiative on Regulatory Frameworks within the Integrated Planning, Policy and Regulation Action Cluster

Authors:

Marit Myrstad (Trondheim Municipality), Klaus Livik (Powel), Annemie Wyckmans (NTNU)

Abstract

Cities need an adequate set of framework conditions in the field of regulations to fulfill their climate and energy ambitions. We therefore propose a new initiative to support the transition towards a regulatory framework based on the ambitions for positive energy blocks and districts (PEBs/PEDs) and climate neutral cities laid out in the European Green Deal. The Initiative is based on the experiences of +CityxChange and other SCC01 Lighthouse projects.

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Value Named Key Innovator by European Commission

Value becomes key innovator in the EU's €80 billion program for developing a cost-efficient trading platform for energy-positive cities.

Open by default

- We build the project on transparency and openness
- 86% of 148 deliverables are open, only 20 are confidential
- Use of deliverables internally and externally
- Inter- and extra-project collaboration
- We don't develop and write for the European Commission, but for us and the European Cities
- Great chance for outreach and replication



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