



# NTNU Norwegian University of Science and Technology

## Experts in Team Village 91

AAR4912 Sustainable Architecture:  
Zero Emission Buildings & Neighbourhoods

*Participates in Mission Rio  
English & Intensive*

# ZEB

The Research Centre on Zero Emission Buildings



**TECHNOPORT**  
Sharing possibilities

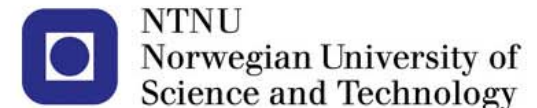
# Background

Sustainable Architecture is a key ingredient to the large-scale sustainable and inclusive development of European Smart Cities. We need a robust framework that supports interaction between different physical scales: materials, technologies and buildings to urban networks and energy grids, traditionally executed by distinct research groups.

People are a critical component, as informants of good design of buildings and energy services, as energy-consuming end users, as professional users such as building owners and facility managers, as investors, as policy makers, and as society and media influencing lifestyles, behaviour and awareness.

Sustainable Architecture: Zero Emission Buildings & Neighbourhoods deals with synergies and trade-offs in climate change mitigation and adaptation, resource scarcity in buildings, demographic changes in residential areas, energy efficiency, and the deployment of renewable energy.

*This EiT village is linked to Mission Rio and the Technoport RERC 2012 Conference in Trondheim, and the Sustainable Built Environment Scientific Session in particular.*

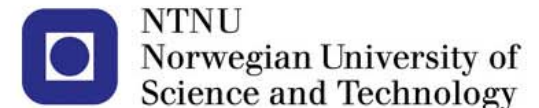


# Project Assignments

Project assignments can be related to:

- (1) Policy and market instruments to foster demand for Sustainable Built Environment;
- (2) Case studies to validate (or discard) existing models and tools;
- (3) Exchange of knowledge and experiences among sector stakeholders;
- (4) In addition, we are open for exciting suggestions for the participating students!

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# Logistics

Village 91 Sustainable Architecture is hosted by the Faculty of Architecture and Fine Art, in co-operation with the Research Centre for Zero Emission Buildings.

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Village 91 is an intensive, English spoken course, hosted by the Faculty of Architecture and Fine Art.

We welcome students from all disciplines, as long as you have a genuine passion for Sustainable Architecture!

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Resource persons from Sustainable Architecture & ZEB

