

SPATIALIZING ENERGY TRANSITION

The energy transition has become a pressing concern for nations worldwide, as they grapple with the challenges of meeting sustainability goals and mitigating the effects of climate change. This seminar focuses on the territorial aspects of the energy question, with a comparative analysis between Italy and Belgium.

It examines the difficulties posed by the polycentric urban network and dispersed urbanization of the Italian territories known as the Italia di mezzo and Flanders in Belgium, the challenges associated with retrofitting, and the complexities of energy provision and consumption in a plurality of urban fabrics, considering the issue of territorial imbalances, energy poverty and social inclusion.

To address the energy question within specific territories, it is essential to have a comprehensive understanding of the challenges and opportunities presented by different contexts. Comparing two countries allows us to gain valuable insights into the territorial nuances and approaches to energy transition. These can inform policymakers, urban planners, and stakeholders in developing targeted strategies that promote sustainable and inclusive energy transition in territories.

The seminar therefore aims at offering a solid foundation for developing tailored strategies to foster a sustainable and inclusive energy transition in diverse territories.

Discussants:

Fabrizio D'Angelo (Iuav), **Lorenzo Pagliano**, **Gloria Pessina**,
Sara Protasoni, **GRINS Research Team** (DAStU)

Organizers:

Maria Aldera, **Antonio Longo**, **Cristina Renzioni**, **Fabio Vanin**

DAStU Politecnico di Milano 1st December 2023

FRIDAY 1ST DECEMBER - 14:00/18:00
Board room - Building 29 (CARTA) - First floor

14:00-14:20

Opening, Massimo Bricocoli (DAStU, PoliMi)
Introduction, Cristina Renzoni (DAStU, PoliMi),
Fabio Vanin (VUB, Latitude PLatform)

14:20-14:40

Sustainable energy infrastructures as lever for spatial quality in dispersed territories?
An exploration of the Flemish case
Griet Juwet (Endeavour, VUB)

14:40-15:00

Carbon neutral landscapes: notes from 2050
Mattia Bertin, **Lorenzo Fabian** (Iuav)

15:00-15:20

Urban Questions in the Countryside: The Collective Consumption of Electricity in Belgium, From Dairy Cooperatives to PEDs
Dieter Bruggeman (VUB)

15:20-15:40 Coffe break

15:40-16:00

Navigating Transition: Local and Community Scale Challenges in Evolving Territories
Eugenio Morello (DAStU, PoliMi)

16:00-16:20

'Opgewekt Pajottenland', the story of a regional energy strategy dynamic in Flanders
Frank Nevens (Ghent University)

16:20-16:40

Energy transition for Italia di Mezzo: evidence and perspectives
Maria Aldera (DAStU, PoliMi)

16:40-17:30

Discussion

Moderator: **Fabio Vanin** (VUB, Latitude PLatform)