

Ph.D. Seminar

SPATIALIZING ENERGY TRANSITION

DAStU
Politecnico di Milano
8th November 2024

This seminar represents a moment of reflection halfway through my PhD journey, designed to examine the methodological framework of my research and initiate a transnational dialogue on the topics addressed.

My research focuses on the territorial consequences of the ongoing energy transition, analyzing the mechanisms that govern it and the associated risks.

The case study of the province of Viterbo (one of the leading areas in Italy for land consumption dedicated to ground-mounted photovoltaic installations) provides a diachronic perspective on this phenomenon and aims to understand the reasons behind the high concentration of photovoltaic systems in this area, their territorial and landscape impact, and the future prospects for the region.

The theme of the localization of new renewable energy installations is shared by all the speakers, making this seminar an opportunity for comparison on how the energy transition is being shaped at the territorial level in two different European countries: Italy and Spain.

In conclusion, the seminar not only allows for an assessment of my research progress but also lays the groundwork for future explorations and collaborations in the field of energy transition and its territorial implications.

Ph.D. Candidate and organizer: **Maria Aldera (DAStU, PoliMi)**

Ph.D. Supervisor and organizer: **Cristina Renzoni (DAStU, PoliMi)**

Discussants: **Fabrizio D'Angelo (Roma Tre), Gloria Pessina, Chiara Geroldi, GRINS Research Team (DAStU)**

FRIDAY 8th NOVEMBER - 14:00/18:00

Meeting room - Building 12 - Second floor

14:00-14:15

Opening, Cristina Renzoni (DAStU, PoliMi)

Introduction, Maria Aldera (DAStU, PoliMi)

14:15-14:45

One and a half years into the Ph.D: journey, initial findings, future perspectives

Maria Aldera (DAStU, PoliMi)

14:45-15:30

Discussion

15:30-15:45 Coffee break

15:45-16:00

End-of-Life challenges in renewable energy. Are wind and solar landscapes truly reversible?

Marina Frolova (Universidad de Granada)

16:00-16:15

Defining priority areas for renewable energy deployment. Progress in Spain and Portugal

Pilar Díaz Cuevas (Universidad de Sevilla)

16:15-16:30

How to consider social, cultural, and environmental factors when planning large-scale photovoltaic plants. Case study: the Guadalhorce valley in Málaga

Celia Lopez Bravo (Universidad de Sevilla)

16:30-18:00

Discussion



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