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UNIVERSITÀ DI PAVIA  
Office for Sustainable Actions



# Department of Political & Social Sciences

## Powering a Just and Sustainable Future

**The Energy Transition in Practice: Sustainability, Just Transition, Clean Energy and Nuclear Innovation**

**Friday morning: Aula Foscolo, Friday afternoon: Aula Volta; Saturday & Sunday: Aula Volta  
22–24 May 2026**

## Conference Overview

This international conference examines the practical dimensions of the energy transition in the interdisciplinary context, focusing on sustainable governance, just transition, clean energy pathways, and nuclear innovation. Bringing together policymakers, scholars, and industry leaders, the event explores how energy systems can evolve in ways that are environmentally sustainable, socially just, and economically inclusive.

## Programme

### Friday, 22 May, Morning Session

#### *Sustainable Governance of the Energy Transition*

**Chairs: Giovanni Cordini & Katarzyna Gromek-Broc, Andrea Zatti**

**10:00–10:20** — Welcome Address

**10:30–10:50** — **Borys Budka**, European Parliament

*European Challenges in the Sustainable Governance of the Energy Transition*

**10:50–11:10** — **Marzena Czarnecka**, Former Minister of Energy (Poland)

*Reflections on the Future of Sustainable Governance*

## *Italian Perspective*

**11:10–11:30** — **Guido Bortoni**, President Emeritus - Italian Regulatory Authority for Energy/  
*Challenges in the Sustainable Governance of the Energy Transition* & **Federico Gallo**, Senior  
Consultant, En-Creative, *The Italian electricity sector: decades in transition*

**11:30-11: 50** - **Marco Pezzaglia**, The Energy Professionals Group, Principal, *Active customers in the  
energy transition: roles, models and applications*

**11:50-12:00** – **Coffee Break**

**12:00–12:20** — **Clara Poletti**, Former President of ARERA, Florence School of Regulation  
*Current Dilemmas and Future Solutions*

**12:20–12:40** — Questions & Reflections

**12:40–13:20** - **Chair: Giovanni Cordini**, UNIPV, Roundtable Discussion: **Roberta Rabbellotti**,  
UNIPV, **Andrea Zatti**, UNIPV, with students' participation

**13:30** — **Lunch**

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## **Afternoon Session**

### *Nuclear Energy and Innovation*

**Opening session: Fabio Rugge**, UNIPV & **Katarzyna Gromek-Broc**, UNIPV

**15:00–15:20** — **Dhiego Teles da Silva**, University of Tokyo, *Nuclear Renaissance in France and  
Japan: Legal and Regulatory Challenges*

**15:20–15:40** — **Marzena Czarnecka**, Former Minister of Energy (Poland)  
*Polish Content in Nuclear Energy*

**15:40–16:00** — **Magdalena Kuszmider**, DBM Attorney-at-law Office (Poland)  
*The right to public information in nuclear energy investments and trade secrets in clean energy  
investments*

**16:00 - 16:20** — **Anna Creti**, University of Dauphine, Paris, *Clean Nuclear Energy – French  
Perspective*

**16: 20 -16:40** – **Grzegorz Kinelski**, CEO of ENEA S.A.,  
*Navigating the Energy Transition: Integrating Nuclear and Alternative Sources into the Polish Power  
System*

**16.40-17:00** **Coffee break**

**17: 00 - 17:20** – **Andrea Salvini**, UNIPV, *Energy, Well-Being, and Nuclear Fission: Exploring Options and Challenges for a Sustainable Future*

**17:20- 17:40** — **Dorota Benduch**, Centre of Energy Transition, Katowice  
*Digital Twins as Determinants of Clean and Safe Nuclear Energy*

**17:40 -18:00** — **Elias Zigah**, Paris-Saclay University, *A Just Energy Transition in Africa: The Strategic Role of Nuclear Energy in Achieving Reliable and Low-Carbon Industrial Growth*

**18:00-18:20** — **Marcin Kraśniewski; Uekat & Michał Domagała**, KUL, *Nuclear Energy Regulation and the Just Transition*

**Chair: Fabio Ruge**, UNIPV, Roundtable with the students' participation.

**18:30 — 18:50** — **Presentation of two students' projects**

**20: 30 - Dinner**

## **Saturday, 23 May 2026**

### **Morning Session**

#### ***Challenges of the Just Transition***

**10:-10:20 Opening Session: Raphael Heffron**, Abu Dhabi University & **Marcin Kraśniewski**  
UEKAT

**10:20-10:40 Raphael Heffron**, Abu Dhabi University, *Just Transition - From Policy to Practice in a time of Global Insecurity*

**10.40-11:00 – Giovanni Cordini**, UNIPV, *Crisi della globalizzazione, costituzionalismo ambientale e sostenibilità*

**11:00–11:20** — **José Gabriel Luis Córdova**, Groningen Energy Centre, *Just Transitions: When Energy Meets the Digital*

**11:20–11:40** — **Jurgita Malinauskaite**, Brunel University, UK, Vytautas Magnus University, Lithuania, *Waste from Renewable Energy Industries: facing Challenges*

**11:40–11:55** — **Coffee break**

**11:55-12:10 - Zuzanna Brocka**, Milan, *Digital Vulnerabilities and Energy Justice: Rethinking Cybersecurity in the Just Transition*

**12:10-12:30 Luigi M. Pepe**, University Ecampus, *Just Transition in Italy: a constitutional perspective*

**12.30-12:45 Damiano Fuschi**, Milan, *Challenges of the Just Transition in Lombardy: Balancing Industrial Competitiveness and Climate Goals*

**12.45-13:00 Chair: Raphael Heffron**, Abu Dhabi University **Marcin Kraśniewski**, UEKAT:  
Roundtable (with two students participating)

**13.00-13.30, Marcin Kraśniewski**: mini lecture for students on *Just transition in Poland* followed by Q&A in Aula 5 (SP)

**13.30 – Lunch**

## **Afternoon Session**

### ***Clean Energy: Global Perspectives***

**Opening Session Dorota Benduch**, UEKAT & **Zuzanna Brocka**, Milan

**15:00–15:20** — **Andrea Gatto**, Wenzhou-Kean University (US-China)- *China carbon intensity reduction and energy transition*

**15:20–15:40** — **Tomasz Codogni**, Department of Energy Transition, UE Katowice  
*Pink (nuclear) hydrogen as a part of industrial decarbonisation*

**15:20–15:40** — **Marcin Marszałek**, WSPiA University of Rzeszów, Department of Economic and Civil Law, *Clean energy sources as a prerequisite or precondition for access to the grid and the market*

**15:40-16:00** - **Agnieszka Gryszczyńska**, Cardinal Stefan Wyszyński University in Warsaw (UKSW), National Prosecutor's Office  
*Global Cyber Threats to Critical Clean Energy Infrastructure and Legal Countermeasures*

**16:00-16.10** - **K. S. Rangappa**, Centre for Material Science and Technology, University of Mysore,  
*Clean energy for sustainable development in India*

**16.10-16:20 Coffee break**

**16:20 – 16: 40** - **Victor Saco**, PUCP, *Clean energy and its challenges in Perù*

**16.40-17.00** **Ignacio Herrera Anchustegui**, University of Bergen, *Oil as Currency: Venezuela's Petro, a New 'Oil Pattern'?*

**17.00 -17.15** **Andres Escobar**, University of Cartagena, *Twin transition strategies in the tropics: the case of Cartagena de Indias*

**17.15-17-30** **Chairs: Dorota Benduch**, UEKAT & **Zuzanna Brocka**, Milan, Roundtable

**17.30-18.00** **Presentation of two students' projects:**

**18.00 - 18.20** **Awarding two best energy projects** (*initiated during the energy week in Katowice 2024 and 2025*) (Pavia Students & Polish Students)

**18:20– 18:30 Closing Remarks**