

# University of Pavia Department of Political & Social Sciences

## Powering a Just and Sustainable Future

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

Aula Volta, University of Pavia 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*

**9:30–10:00** — Registration and Welcome Coffee

**Chairs: Prof. Cordini & Katarzyna Gromek-Broc**

**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**

**Federico Gallo**, President Emeritus - Italian Regulatory Authority for Energy/  
*Challenges in the Sustainable Governance of the Energy 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 : Prof. Cordini**: Roundtable Discussion with students' participation

**13:30** — Lunch

---

## **Afternoon Session**

### ***Nuclear Energy and Innovation***

**Opening session: Katarzyna Gromek-Broc & Professor Andrea Zatti**

**15:00–15:20 — Dorota Benduch**, Centre of Energy Transition, Katowice  
*Digital Twins as Determinants of Clean and Safe Nuclear Energy*

**15:20–15:40 — Marzena Czarnecka**  
*Polish Content in Nuclear Energy*

**15:40–16:00 — Marcin Krasniewski**, Centre of Energy Transition, Katowice  
*Nuclear Energy Regulation and the Just Transition*

**16:00 - 16:20 - Magdalena Kuzmider**, DBM Attorney-at-law Office  
*The right to public information in nuclear energy investments and trade secrets in clean energy investments*

**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**

**16: 40 -17:00 – Andrea Salvini**, UNIPV, *Energy, Well-Being, and Nuclear Fission: Exploring Options and Challenges for a Sustainable Future*

**17.00-17.15 - Jean-Michel Glachant**, University of Sorbonne/ Florence School of Regulation, *Clean Nuclear Energy – French Perspective* (to be confirmed)

**17:15- 17:30 - Michal Onderco**, Erasmus University Rotterdam, *Nuclear Non-Proliferation Treaty* (to be confirmed)

**17:30 -17:50 Elias Zigah**, Paris-Saclay University, *Africa: the nuclear energy's role as part of the clean energy solution?*

Chairs: **K. Gromek-Broc, Andrea Zatti** Roundtable with the students' participation.

**18:10 -18:30 - Presentation of two students' projects**

**Saturday, 23 May 2026**

**Morning Session**

**9:30–10:00** — Registration and Welcome Coffee

***Challenges of the Just Transition***

**Opening Session: Rafael Heffron & Marcin Kraśniewski**

**10:00–10:20** – Giovanni Cordini, University of Pavia, *Crisi della globalizzazione, costituzionalismo ambientale e sostenibilità*

**10:20–10:40** — José Gabriel Luis Córdova, Groningen Energy Centre  
*Just Transitions: When Energy Meets the Digital*

**10:40–11:00** — Katarzyna Gromek-Broc  
*Women at the Margins or the Centre? Gender Justice in Sustainable Labour Transitions*

**11:00–11:20** — Rafael Zúñiga, University of Cartagena  
*Just Transition and Green Jobs in Colombia*

**11:20–11:40** Avv. Zuzanna Brocka, Milan *Digital Vulnerabilities and Energy Justice: Rethinking Cybersecurity in the Just Transition*

**11:40–12:00** Elias Zigah, Paris-Saclay University, *A Just Transition in Africa: Pathways to Equitable and Sustainable Energy Future*

**12:20–12:40** Damiano Fuschi, Milan, *Challenges of the Just Transition in Lombardy: Balancing Industrial Competitiveness and Climate Goals*

**12:40–13:00 Chair: Raphael Heffron, Marcin Kraśniewski:** 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 & Zuzanna Brocka**

**15:00–15:20** — **Agnieszka Gryszczyńska**, Cardinal Stefan Wyszyński University in Warsaw (UKSW), National Prosecutor's Office  
*Global Cyber Threats to Critical Clean Energy Infrastructure and Legal Countermeasures*

**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 in Polish region Podkarpacie*

**15:40-16:00** - **Andrea Gatto**, Wenzhou-Kean University (US-China)- *China carbon intensity reduction and energy transition*

**16:00-16:20** - **Victor Saco PUCP**, *Clean energy and its challenges in Peru*

**16:20-16:40** **Coffee break**

**16:40-17:00** **Ignacio Herrera Anchustegui**, University of Bergen, *Oil as Currency: Venezuela's Petro, a New 'Oil Pattern'?*

**17:00 -17:20** **K. S. Rangappa**, Centre for Material Science and Technology, University of Mysore, *Clean energy for sustainable development in India* (to be confirmed)

**17:20-17:40** **Chairs: Dorota Benduch & Zuzanna Brocka**. Roundtable

**17:40-18:00** **Presentation of two students' projects,**

**18.- 18:20** **Awarding two best energy projects** (*initiated during the energy week in Katowice 2024 and 2025*) (Pavia Students & Polish Students)

**17:20– 17:30** **Closing Remarks & End of Conference**