

Macroeconomic challenges of the green transition III

11th-12th September 2025

University of Pisa
Department of Economics and Management
Via Cosimo Ridolfi 10, Aula Magna

Thursday September 11: 14:00-19:00

14:00 – 14:30 Opening Session

14:30 – 16:00 Keynote Speakers

Andrew Jackson
University of Surrey

Modelling energy transitions in a large scale SFC-IO model

Lilia Caiado Couto
Open Society Foundations

*Macroeconomic modelling and the knowledge-creation
divide of green industrial policy in the Global South*

16:00 – 16:30 Break

16:30 – 17:30 Session 1
Just transition in the Global South

17:30 – 17:45 Break

17:45 – 18:45 Session 2
Policies for socio-ecological sustainability

20:00 Social Dinner

Friday September 12: 9:00-18:00

9:00 – 9:15	Opening Session
9:15 – 10:45	Keynote Speakers Romain Svartzman Bocconi University's Institute for European Policymaking <i>From macrofinancial analysis to policy: what role for central banking in the ecological transition?</i> Simone D'Alessandro University of Pisa <i>Social cohesion in the ecological transformation</i>
10:45 – 11:15	Break
11:15 – 12:15	Session 3 Financial Agent-Based Models for the green transition
12:15 – 12:30	Break
12:30 – 13:30	Session 4 Comparative ecological macroeconomic modelling
13:30 – 15:00	Lunch
15:00 – 16:30	Special Session The Eurogreen model
16:30 – 16:45	Break
16:45 – 17:45	Session 5 Environmentally-Extended Input-Output analysis
17:45 – 18:00	Closing
18:00	City Walk and aperitivo

Sessions

1 Just transition in the Global South

Sept. 11, 16:30-17:30

Morgane Gonon

Centre international de recherche sur l'environnement et le développement (CIRED)

Sovereign Debt Management Strategies for Colombia's Climate and Biodiversity Transition

Pedro Solano Pereira Serra

University of Valladolid

Modelling Economic Feedbacks into the WEF Nexus under Climate-Driven Resource Constraints

2 Policies for socio-ecological sustainability

Sept. 11, 17:45-18:45

Luzie Dallinger

University of Florence

Modeling the Index for Sustainable Economic Welfare (ISEW) and its response to policies

Heli Turtinen

University of Eastern Finland

Scoping review on sufficiency policies with functional categorisation

3 Financial ABM for the green transition

Sept. 12, 11:15-12:15

Gianluca Pallante

Sant'Anna School of Advanced Studies

Navigating Climate-Induced Systemic Risk: Insights from an Agent-based Integrated Assessment Model

Samuele Bibi

Aalborg University

CBDCs and Green Macroprudential Policy: An Agent-Based Stock-Flow Consistent Analysis for a Sustainable Financial Future

4 Comparative ecological macroeconomic modelling Sept. 12, 12:30-13:30

David An

University of Florence

A comparison of an empirical stock-flow consistent model and a New Keynesian model of China

J. Christopher Proctor

Bocconi University's Institute for European Policymaking

Are we modeling enough growth? Positive hysteresis, policy-led investment, and long-term growth in integrated climate-economy scenarios

5 Special Session: The Eurogreen model

Sept. 12, 15:00-16:30

Maddalena Calabretta

Gran Sasso Science Institute (GSSI)

The inequality and emissions effects of market-based policies for decarbonization in Italy

Teemu Koskimäki

University of Eastern Finland

Sufficiency solutions for a just green transition: Scenario comparison with an ecological macroeconomic model for Finland

Laura Colli

University of Florence

So Simple, So difficult: Taxing the Rich in a Post-growth state

6 Environmentally extended input-output analysis Sept. 12, 16:45-17:45

Andreza da Silva Pereira da Conceição

Cotê d'Azur University/Sant'Anna School of Advanced Studies

Macro-Financial Exposure of Brazil to the Ecological Transition: An Environmental Extended Input-Output Analysis

Diego Torralva Becerra

Leuphana University

Beyond households: A high-resolution MRIO analysis of planetary boundary transgressions and their interlinkages with socioeconomic consumption drivers