

Conference

The macroeconomic and financial dimensions of the green transition

28 June 2024

Refectory - Badia Fiesolana, Via dei Roccettini 9 - San Domenico di Fiesole (Fiesole, Florence)

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Introduction

The Bank of Italy, the Euro Area Business Cycle Network (EABCN), and the Pierre Werner Chair of the European University Institute (EUI) are organizing a joint conference that will take place in Florence for one full day on **June 28th, 2024**. The conference will cover a variety of themes related to green transition from a macroeconomic and financial perspective. These topics include (but are not limited to):

- Macroeconomic implications of the green transition
- Consequences of transition and climate change for monetary policy
- Energy transition, energy security and the role of critical minerals
- Green transition and competitive advantages
- Cross-border spillovers of climate mitigation policies and the international dimension of the green transition
- Sustainable finance
- Asset pricing implications of climate and transition risks
- Nature related macro-financial impacts



Programme

28 June

8.30 - 9.00 Welcome coffee and registration

9.00 - 9.10 **Welcoming remarks by Eleonora Granziera (Norges Bank and EABCN)**

Session 1: Carbon pricing

Chair: Eleonora Granziera (Norges Bank and EABCN)

9.10 - 9.50 *Dynamic Carbon Emission Management* – **Francesca Zucchi** (ECB) with M. C. Bustamante

9.50 - 10.30 *Climate Policy and the Economy: Evidence from Europe's Carbon Pricing Initiatives* – **Maximilian Konradt** (Geneva Graduate Institute) with D. R. Känzig

10.30 - 11.15 **Keynote Speech by Rick van der Ploeg (Oxford University)**

11.15 - 11.35 Coffee break

Session 2: Modelling the green transition

Chair: tba

11.35 - 12.15 *The green metamorphosis of a small open economy* – **Florencia S. Airaudo** (Universidad Carlos III) with E. Pappa and H. D. Seoane

12.15 - 12.55 *The new keynesian climate model* – **Gauthier Vermandel** (Ecole Polytechnique) with J. G. Sahuc and F. Smets

12.55 - 14.20 Lunch and **Poster Session ***

Session 3: Macroeconomic impacts of climate change and the green transition

Chair: Samuel J. Pienknagura Loor | IMF

14.20 - 15.00 *Climate Change and the Geography of the U.S. Economy* – **Sylvain Leduc** (Federal Reserve Bank of San Francisco) with D. J. Wilson

15.00 - 15.40 *The macroeconomic effects of green technology shocks* – **Filippo Natoli** (Banca d'Italia) with F. Ferriani and A. Gazzani

15.40 - 16.00 Coffee break

Session 4: The international dimension of the transition

Chair: Valerio Nispi Landi (Banca d'Italia)

16.00 – 16.40 *Lock, stock and (oil) barrel: real exchange rate fundamentals and dynamics in resource-rich*

economies – **Hilde C. Bjørnland** (BI Norwegian Business School and Norges Bank) with L. Brubakk and N. Maffei-Faccioli

16.40 – 17.20 *Rewiring Supply Chains Through Carbon Pricing Policy* – **Olimpia Carradori** (University of Zurich) with E. Benincasa, M. Ferreira and E. Garcia-Appendini

17.20 – 17.40 **Closing remarks By Chiara Scotti (Deputy Governor, Banca d'Italia)**

* **Poster session:**

The Green Transition and Firms' Expectations on Future Prices: Survey Evidence – **Cristina Angelico** (Banca d'Italia)

Loan pricing and biodiversity exposure: Nature-related spillovers to the financial sector – **Annette Becker** (European Commission) with F. E. Di Girolamo and C. Rho

Unmasking Climate Change Impacts: Traversing Storms, Cold, Heat and Fire in Corporate Earnings Calls through a Hybrid Taxonomy and GPT-based Methodology – **Michele Cimino** (Prometeia) with A. Molino, M. P. Priola, L. Prospero and L. Zicchino

Mutual funds and climate news – **Koji Takahashi** (Bank for International Settlements) with G. Cornelli, L. Gambacorta and T. Oliviero

The Drivers and Macroeconomic Impacts of Green Innovation: A Cross-country Exploration – **Samuel J. Pienknagura Loo** (International Monetary Fund) with Z. Hasna, H. Hatton, F. Jaumotte, J. Kim and K. Mohaddes

Carbon Taxes Around the World: Cooperation, Strategic Interactions, and Spillovers – **Valerio Nispi Landi** (Banca d'Italia) with A. Moro