



# The Economics of a Just and Equitable Climate Transition

## Pre-Conference Workshop

27-28 June 2022

**Location:** Hybrid. Onsite participation is free and open to the public and will take place in Aula Alberti 10 of the UniBo Rimini Campus ([Piazzetta Teatini, 13, Rimini RN](#)). Onsite registration is open until June 10 or until room capacity is reached.

**Register here:** <https://forms.gle/1fJRg1QYiZHRMe148>.

**Organizing committee:** Jan Steckel (MCC), Massimo Tavoni (RFF-CMCC), Elena Verdolini (RFF-CMCC)

### Scope:

The aim of this workshop is to discuss how methods in environmental and resource economics can contribute to assess and quantify the impact of the low carbon transition on certain parts of society, and how they can be alleviated. It will present approaches to identify policies that can be put in place to correct pre-existing and transition-induced inequalities. The workshop will thus focus on issues related to employment, distributional impacts of policies, and public acceptance of the climate transition, with the aim to foster a debate on the research and policy agenda focusing on the Just Transition.

Addressing climate change will only be successful when related policies are perceived as fair and equitable. Climate change impacts will lead to severe economic losses, unevenly distributed across countries and regions, generations and individuals; they will aggravate existing inequalities and create new ones. Yet, the costs associated with the energy transition or external shocks may also disproportionately burden vulnerable households, firms, communities and social groups. The EAERE community has long addressed topics linked with the distributional impacts of climate change policies, and their repercussions on and prospect for the labor market and the public perception around tradeoffs between mitigation and economic growth. In recent years, novel methods have emerged to approach these topics. A deeper and meaningful dialogue can be fostered by building bridges between different research communities within and outside of EAERE.

### Program:

The workshop has two aims. First, *it takes stock of the methods in economics and other social sciences which can contribute to an assessment of the Just Transition*. It will explore how methodologies and assessment tools used in climate economics and modeling have been used to inform the debate regarding a just transition. Recent developments, theoretical, empirical and numerical, will be discussed to highlight how different methodological approaches can contribute to the academic debate on key topics relevant for the Just Transition.

Second, *it looks forward and discusses how to develop the Just Transition research agenda with the aim of informing the policy debate*. This includes broadening the attention to methods and insights from other research fields, as well as discussing how to use the available evidence to inform the current policy debate and identify key knowledge gaps and potential avenues for future research.

## Format:

The workshop is organized in three thematic sessions: Workforce and Employment, Vulnerable Households and Firms, and Public Acceptance. Each session will last approximately for one and half hours and will present short talks by invited speakers, followed by discussion among participants. A final round table discussion will gather reaction from high-profile individuals engaged in research and policy making.

## Schedule:

**June 27, 2022**

15:00 - 15:30 Arrival and Welcome

15:30 - 16:00 Workshop Rationale and Objectives. **Jan Steckel, Massimo Tavoni, and Elena Verdolini**

16:00 - 17:30 Session 1: Workforce and Employment. Chair *Francesco Vona (University of Milan and FEEM)*

**(15 min) Johannes Emmerling (RFF-CMCC):** Global Workforce Implications of the Climate Transition

**(15 min) Luke Haywood (MCC):** The Welfare Costs of Job Loss and Decarbonization – Evidence from Germany's Coal Phase Out

**(15 min) Misato Sato (LSE):** Skill and Wage Gaps in the Low Carbon Transition

**(45 min)** Discussion Moderated by Chair

18:00 - 19:30: Drinks and Refreshments

**June 28, 2022**

9:00 - 10:30 Session 2: Vulnerable Households and Firms. Chair *Jan Steckel (MCC)*

**(15 min) Toon Vandyck (European Commission):** Quantifying Impact Heterogeneity for the EU Green Deal

**(15 min) Carolyn Fischer (World Bank and RFF):** Distributional Implications of Climate Policies: Evidence from the World Bank

**(15 min) Samson Mukanjari (IIIEE):** Not Just a Transition

**(45 min)** Discussion Moderated by Chair

10:30 - 11:00: Coffee Break

11:00 - 12:30 Session 3: Public Acceptance. Chair *Massimo Tavoni (RFF-CMCC and Politecnico di Milano)*

**(15 min) Italo Colantone (Bocconi University):** The Political Sustainability of the Green Transition

**(15 min) Cristina Cattaneo (RFF-CMCC):** Differentiated Impacts of Green Behavioural Interventions

**(15 min) Adrien Fabre (ETH Zürich):** Fighting Climate Change: International Attitudes Toward Climate Policies

**(45 min)** Discussion Moderated by Chair

12:30 - 14:00: Lunch

14:00 - 14:15: Keynote Address. **Phoebe Koundouri (EAERE President and Athens University of Economics and Business)**: Sustainable Development Solutions Network 2022 Senior Working Group Report

14:15 - 15:45 Session 4: **How Can Environmental Economics Research Inform the Policy Debate Around the Just Transition?** *Chair Elena Verdolini (RFF-CMCC and University of Brescia)*

**Reflections from Previous Sessions:** Francesco Vona, Jan Steckel and Massimo Tavoni

**Roundtable Discussion:** Suzi Kerr (EDF), Elisa Lanzi (OECD), Ioana Petrescu (Harvard Kennedy School), Jay Rutovitz (University of Technology Sydney), Billy Pizer (RFF), Thomas Sterner (University of Gothenburg)

We would like to thank the following sponsors:

