



ALLIES workshop on environmental economics and innovation

Organisers: Paola Ovando (IPP) & Jean-Christophe Pereau (BSE)

Location: Madrid, Centro de Ciencias Humanas y Sociales. Calle Albasanz 26-28, 28037 Madrid. Sala Menéndez Pidal (OE18)

Dates: 16-17 May, 2023

Title: “Getting green: The role of green innovation and environmental markets to boost shift to sustainability transition”

Background and contents

An ecological and socio-economic transition towards climate neutrality and environmental sustainability will be critical in the coming years. Integrating the imperative of the sustainability transition represents challenges and opportunities at all societal levels, including technological, market and institutional responses.

Environmental sustainability is an integral part of green innovation requiring greater demands of eco-efficient green technologies that reduce the use of materials and boost processes with a lower environmental impacts. Sustainable investing is substantial in environmental markets to produce incentives to encourage production system or economic activities that mitigate environmental impacts or increase positive externalities, such as ecosystem services and biodiversity conservation.

In this second ALLIES workshop we aim to present ongoing research analysing the formulation, development, implementation and evaluation of new behaviours and ideas in green innovation, environmental markets and policy instruments towards the ecological and socio-economic sustainability transition. This workshop will include both theoretical and empirical research work using explicit models of human behaviour and rigorous quantitative methods in order to strengthen the evidence base on the relationships between green innovation, environmental markets, policy instruments and sustainability.

Final Programme

May 16, 2023 (Tuesday)

14:30 – 14:45 Registration

14:45-14:55 Welcome by Catalina Martinez (IPP-CSIC) and Jean-Christophe Péreau (BSE), coordinators of ALLIES

14:55-15:00 Introduction by Paola Ovando (IPP-CSIC)

Session 1 on Green innovation (20 min + 10 min Q&A)

15:00-15:30	Foreign PhDs in the Netherlands and their research careers	Romanyuk, A.
15:30-16:00	The formation of green innovation networks: How do green firms team up?	Ocampo, D.
16:00-16:30	Does Organisational Innovation Matter for Environmental R&D?	Del Río, P.; García - Quevedo J. , Martinez, E.

16:30 – 17:00 Coffee Break

Session 2 on Climate mitigation (20 min + 10 min Q&A)

17:00-17:30	CO ₂ emissions reduction from residential buildings: cost estimate and policy design	Camboni; R., Corsini, A. Miniaci, R.; Valbonesi, P.
17:30-18:00	Project presentation: Analysing the social acceptability of carbon capture and storage.	Del Río, P. Oviedo, J.L.
18:00-18:30	Project presentation: Finding Viable Pathways for Forest Carbon Offsetting in Europe	Ovando, P. et al.

21:00 Social dinner Residencia Estudiantes (Calle Pinar 21, 28006 Madrid)

May 17, 2023 (Wednesday)

Session 3 on Transition (20 min + 10 min Q&A)

9:00-9:30	Technological diversity to address complex challenges: the contribution of American universities to SDGs	Ascione, G.
9:30-10:00	Energy policies to foster clean innovation in Brazil: a classification since Eco-1992	Sidonio, L.
10:00-10:30	Policy mix for sustainability transitions and green technologies: a systematic literature review	Souchard, K. ; Miguelez, E.; Saint-Jean, M.

10:30 – 11:00 Coffee Break

Keynote (45 min + 15 min Q&A)

11:00-12:00 “New Economic approaches for the energy transition: policies to accelerate clean energy innovation” [Cristina Peñasco](#), Cambridge University, UK

Abstract: A faster and more effective transition to decarbonised economies is more urgent than ever in the current context of energy crisis and increasing energy prices. Achieving a structural transformation in all the energy-consuming sectors in a just manner requires a strong and coordinated policy response across multiple policy domains and levels. However, many of the economic principles, models, and decision-making tools used by governments to make decision in the arena of energy innovation are designed to be used within contexts of marginal or incremental change. We argue that we are immerse in a paradigm shift where different principles will replace traditional economic policy advice in the context of a dynamic and heterogenous energy transition that requires structural change. These principles are based on a wealth of experience and analysis gathered over the last three decades where policy has induced rapid innovation and growth in clean energy technologies.

12:00 – 12:15 Short break

Session 4 on Environmental Economics (20 min + 10 min Q&A)

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| 12:15-12:45 | Choice experiments and Simulated Exchange Values: an application to threatened species preservation for ecosystem accounts | Oviedo, J.L.; P. Campos, A. Caparrós, A. de la Cruz; G. Muñoz-Arroyo |
| 12:45-13:15 | Final Countdown? An Experimental Collective Risk Dilemma with Timing Uncertainty | Arguedas, C.
Kiss, H.; Pinter, A. |
| 13:15-13:45 | Gradual Coalition Formation and International Environmental Agreements | Caparrós, A.;
Pereau, J.C |
| 13:45-13:50 | Farewell by Valerio Sterzi (BSE) and Alejandro Caparrós (Durham University), vice-coordinators of ALLIES | |

13:50-15:00 Networking lunch

Participants

Nº	Family name	Name	Affiliation
1	ARGUEDAS	Carmen	Autonomous University of Madrid
2	ASCIONE	Grazia Sveva	Bordeaux School of Economics (BSE)
3	CAPARRÓS	Alejandro	University of Durham
4	CORSINI	Alberto	Institute of Public Goods and Policies, IPP-CSIC
5	CRUZ-CASTRO	Laura	Institute of Public Goods and Policies, IPP-CSIC
6	DEL RÍO	Pablo	Institute of Public Goods and Policies, IPP-CSIC
7	GARCÍA-QUEVEDO	Jose	University of Barcelona
8	HOLL	Adelheid	Institute of Public Goods and Policies, IPP-CSIC
9	MARTÍNEZ	Catalina	Institute of Public Goods and Policies, IPP-CSIC
10	MARTÍNEZ-ROS	Ester	Charles III University of Madrid
11	MIGUELEZ	Ernest	Bordeaux School of Economics (BSE)
12	OCAMPO	Diego B.	University of Barcelona & BSE
13	OVANDO	Paola	Institute of Public Goods and Policies, IPP-CSIC
14	OVIEDO	Jose Luis	Institute of Marine Sciences of Andalusia, ICMAN-CSIC
15	PEÑASCO	Cristina	University of Cambridge
16	PEREAU	Jean Christophe	Bordeaux School of Economics (BSE)
17	ROMANYUK	Andriy	Bordeaux School of Economics (BSE) & University of Insubria
18	SAINT JEAN	Maïder	Bordeaux School of Economics (BSE)
19	SANZ-MENÉNDEZ	Luis	Institute of Public Goods and Policies, IPP-CSIC
20	SIDONIO	Luiza	Autonomous University of Madrid
21	SOUCHARD	Kevin	Bordeaux School of Economics (BSE)
22	STERZI	Valerio	Bordeaux School of Economics (BSE)