

COP 21 / CMP 11

Paris, 30 November to 11 December 2015

EU Pavilion Side Events

TITLE: Equitable decarbonisation of the global energy system - regional perspectives

DESCRIPTION: This event will explore what fair decarbonisation of the energy system means from a justice, technology and financial perspective. Results from a global integrated assessment model, which examines how the world (as subdivided into 15 regions) can stay on a 2°C pathway and equitably decarbonise by 2100, will be presented. The model explores the equity of effort sharing between developed and developing countries, and results quantify the scale of capital transfers required for equitable effort sharing of mitigation according to (i) principles of responsibility and (ii) the differences to a utility maximising least-cost efficient approach. Speakers with a justice, technology and financial perspectives are invited to respond and discuss.

The event will be followed by dinner reception for attendees and participants, sponsored by ERI, EPA & Environ.

LOCATION:

Room Luxembourg (Hall 2B), European Union Pavilion, Conference Centre (Blue zone), Le Bourget

DATE & TIME: 3rd December 2015, 18:30 – 20:00.

AGENDA

18:30 (5min): *Opening Remarks*

Professor Brian Ó Gallachóir
IEA-ETSAP / University College Cork, IRELAND

18:35 (15min + Q&A):

*Who Pays for Climate Mitigation Technologies?
Quantifying green capital transfers for equitable decarbonisation.*
James Glynn
University College Cork, IRELAND

18:55 (10min + Q&A):

Technology Development & Transfer under the UNFCCC.
Professor Ambuj Sagar
Indian Institute of Technology Delhi, INDIA.

19:10 (10min + Q&A):

Climate Justice Principles of Decarbonisation.
Mary Robinson
President, Mary Robinson Foundation - Climate Justice, IRELAND.

19:25 (10min):

Financing Countries Intended National Determined Contributions.
Amal Lee Amin
Division Chief, Climate Change and Sustainability,
Inter-American Development Bank, Washington DC, USA

19:35 (20 min):

Floor Discussion

19:55 (5 min):

Closing Remarks
Professor Brian Ó Gallachóir
IEA-ETSAP / University College Cork, IRELAND

20:00 (60 min)

Food and wine reception – Sponsored by:
The Environmental Research Institute, University College Cork, IRELAND;
The Environmental Protection Agency, IRELAND;
The Department of Environment, Community and Local government, IRELAND.

SUPPORTING INFORMATION:

This side event will bring together

- i) Climate mitigation modelling analysts from the International Energy Agency's Energy Technology Systems Analysis Programme (IEA ETSAP) will present scenario results comparing a least cost optimal mix of low carbon technologies to achieve the 2°C pathway combined with a range of effort sharing rules to quantify the scale of regional macroeconomic impacts and outline effort sharing rules for green capital transfers based on UN equity principles of responsibility and capacity.
- ii) Experts working on concepts of technology development and transfer under the UNFCCC.
- iii) NGOs focussing on climate justice who will discuss different approaches to equitable allocation of emissions reduction targets from a justice perspective;
- iv) Policy makers from industrialised and emerging economies who will react to the scale of capital transfers required between developed and developing countries in order to move to equitable scenarios where GDP loss per capita are equalised.
- v) IGOs focussing on sustainable development and investment who will provide mechanisms for burden sharing rules and capital transfers to deliver equitable emissions reduction targets

The purpose of this work is to prompt broader consideration of what is meant by equitable mitigation pledges. Long term mitigation pathways that can achieve a 2°C limit with 66% probability without the ability for global negative emissions by the end of the century, are already near infeasible, requiring immediate and radical carbon reductions to not exhaust the carbon budget of 1,000GtCO₂ between 2020 and 2100.

TITLE OF THE SIDE EVENT

Equitable decarbonisation of the global energy system - regional perspectives.

ORGANISER(S): [James Glynn](#) (PhD Researcher)
 [Dr Fionn Rogan](#) (Post-Doctoral Researcher)
 [Professor Brian Ó Gallachóir](#) (Chair of IEA-ETSAP)

THEMATIC FOCUS: Energy Technology / Mitigation

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