



Linking Climate and Development Policies Leveraging International Networks and Knowledge Sharing

THE CHALLENGE

An important question for policy makers, in the G20 and beyond, is how to bring climate action into the broader sustainable development agenda. It is increasingly recognised that climate change is intricately linked to sustainable development, not just in terms of joint underlying drivers, but also with respect to synergistic policy choices.

A comprehensive analysis of future development pathways needs to align both global and national perspectives, with the aim of addressing multiple policy priorities simultaneously.

The CD-LINKS research project aims to advance the state-of-the-art of integrated, model-based analysis of the development-energy-climate nexus.

GEOGRAPHICAL REACH



OBJECTIVES

1. Gaining an improved understanding of the **linkages** between **climate change policies and multiple development objectives**;
2. Broadening the evidence base in the area of **policy effectiveness** by exploring past and current policy experiences;
3. Working toward the **next generation of low-carbon technological and socio-economic pathways** that take into account climate-resilient adaptation strategies and other sustainable development objectives;
4. Establishing a **research network and capacity building platform** in order to leverage knowledge-exchange among institutions from Europe and other key players within the G20.

PROJECT STRUCTURE

Through its 19 partners and collaborators, the project brings together expertise from several domains, including integrated assessment modelling, human development, climate adaptation, economics, energy geo-politics, atmospheric chemistry, human health, land use, agriculture, and water.

Start date: September 2015
End date: August 2019

COORDINATION AND CONTACT



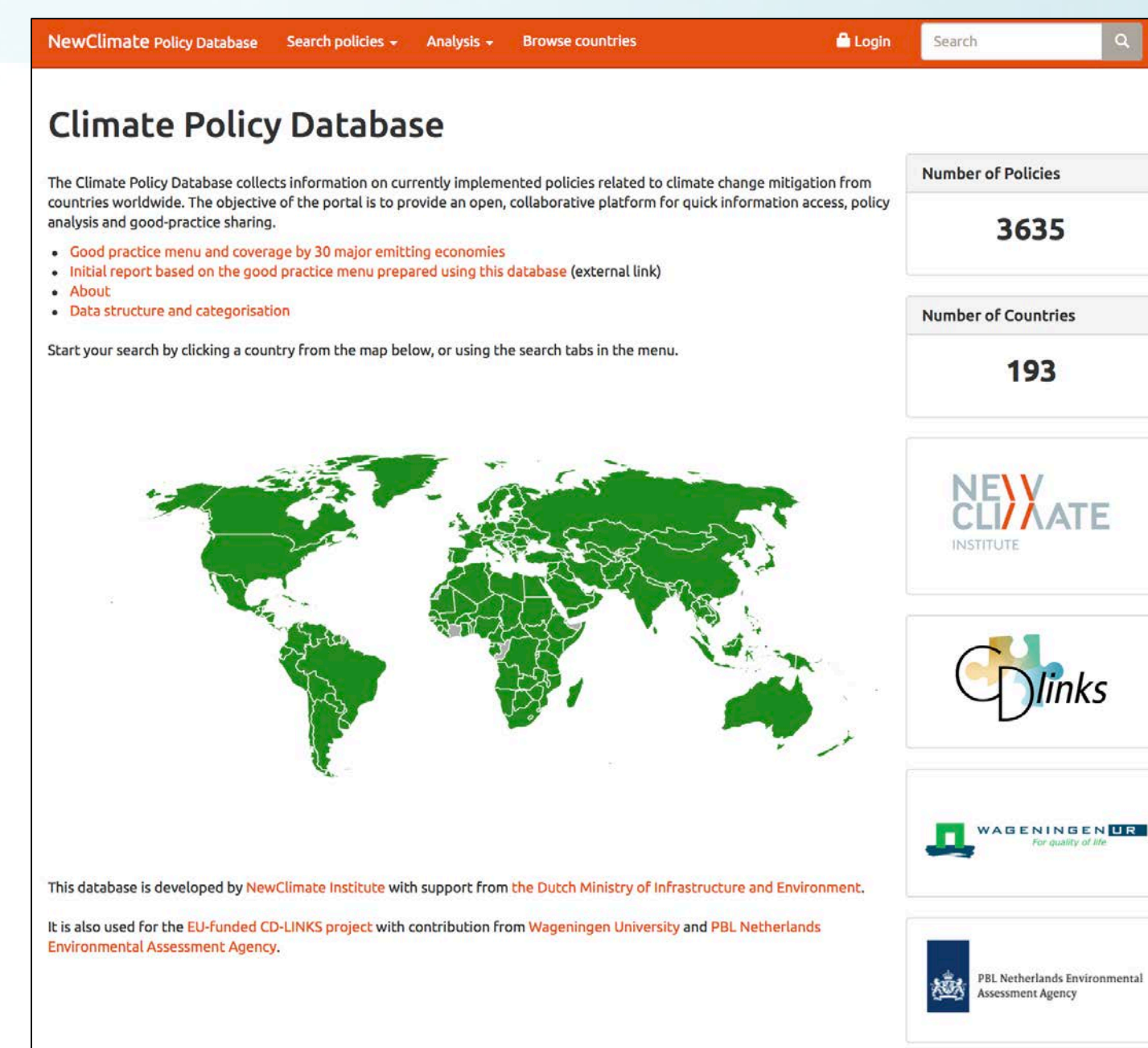
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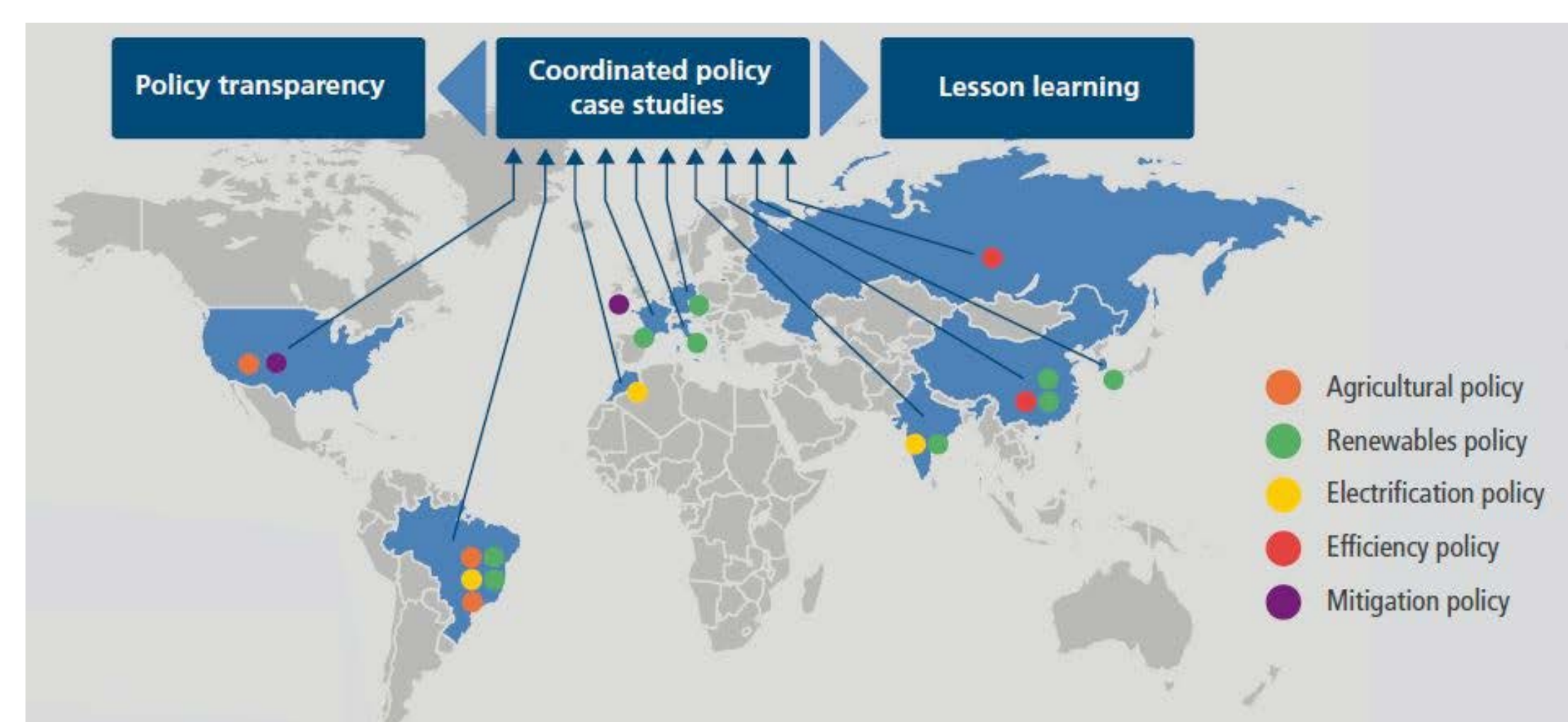
CLIMATE POLICY DATABASE - www.climatepolicydatabase.org

- The Climate Policy Database collects information on currently implemented policies related to climate change mitigation from countries worldwide.
- The objective of the portal is to provide an open, collaborative platform for quick information access, policy analysis and good-practice sharing.



NATIONAL POLICIES TO ACHIEVE INTERNATIONAL GOALS

A synthesis of 17 case studies of climate and development policies was carried out to broaden the evidence base and inform future policies putting the Paris climate agreement and SDGs into action.



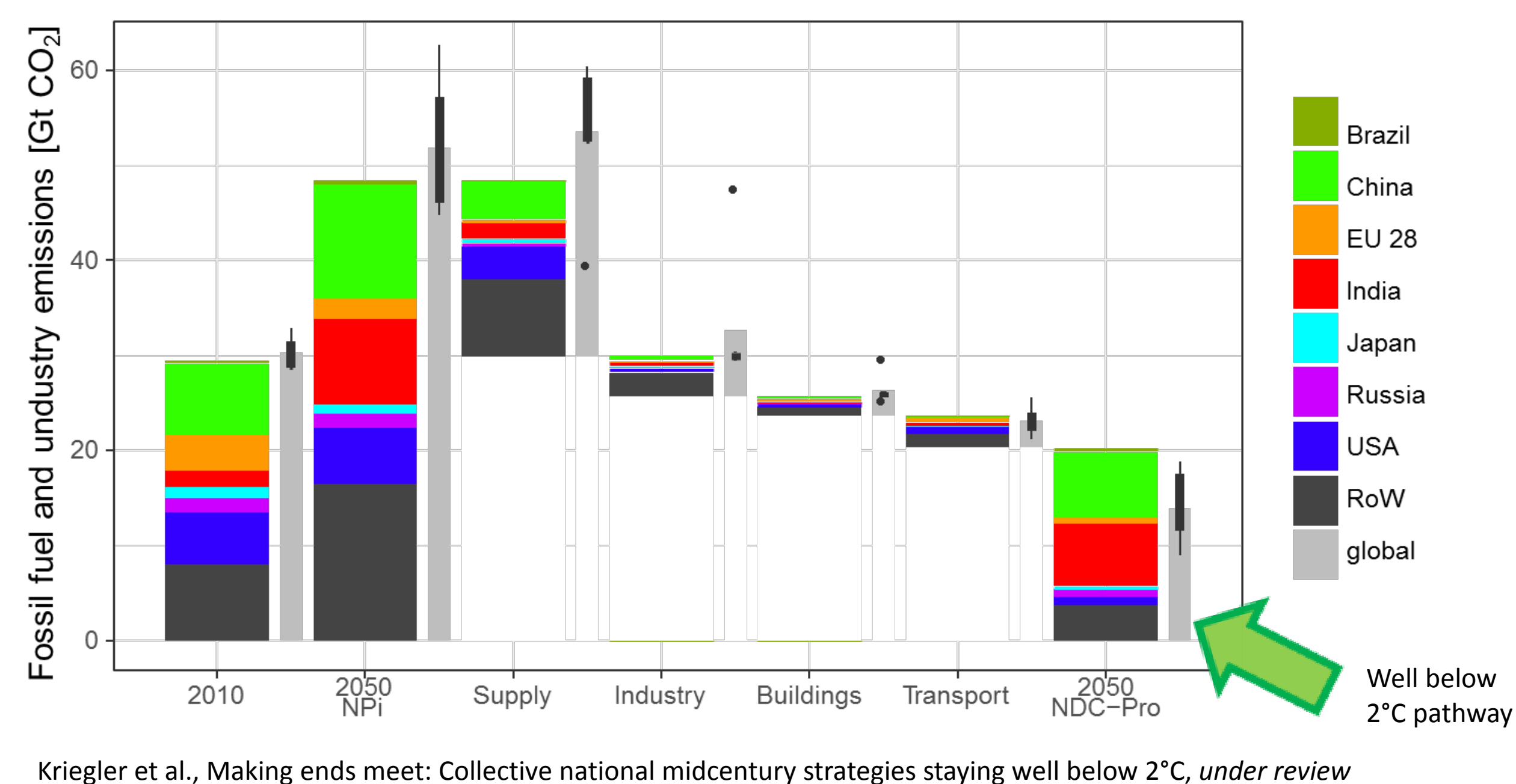
Highlights include:

- Enhancing transparency and accountability through strengthening the monitoring and evaluation of policies to assess progress towards multiple objectives is required.
- Committed funding and mechanisms to reduce financial risks for investors become increasingly important as policies mature.

GLOBAL STOCKTAKE FOR NATIONALLY DETERMINED CONTRIBUTIONS

Fossil fuel combustion & industrial processes CO₂ emissions 2050

Nearly complete decarbonisation of power sector needed by 2050, accelerated electrification & more limited reduction of carbon intensity of fuel use in energy end use sectors to comparable levels.



LINKAGES OF CLIMATE POLICY AND SUSTAINABLE DEVELOPMENT GOALS

Adverse effects & co-benefits of climate policy for 8 SDGs in 2050 for 1.5°C

- The land-use change induced effects, including food security and biodiversity, show an increased potential for negative side-effects.
- Accelerated energy system transformation under 1.5°C (fossil fuel usage decline & increased low carbon energy), results in further air pollution & health benefits compared to 2°C.

