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Deutsches Institut für
Entwicklungspolitik

German Development
Institute

Transforming Transport towards A <1.5C/2C World

where are we; where do we want to go; and, how do we get there?



@sanderchan

**Mobilising sustainable transport for global
climate action**

Tuesday, 1 May 2018

16:45—18:15

Bonn (181)



Universiteit Utrecht

Copernicus Institute of Sustainable Development

Why Transport/Where are we?



- 22 per cent of GHG emissions, mostly fossil fuel combustion (IEA 2012)
- Transport infrastructure is vulnerable
- Critical juncture: Growing demand for mobility in developing countries



Where do we want to go?



- Governments promises are highly insufficient
- Current pledges still result in 3-4C degrees warming
- To stay below 1.5/2.0 we need a radical transformation of the transport sector.



How do we get there?



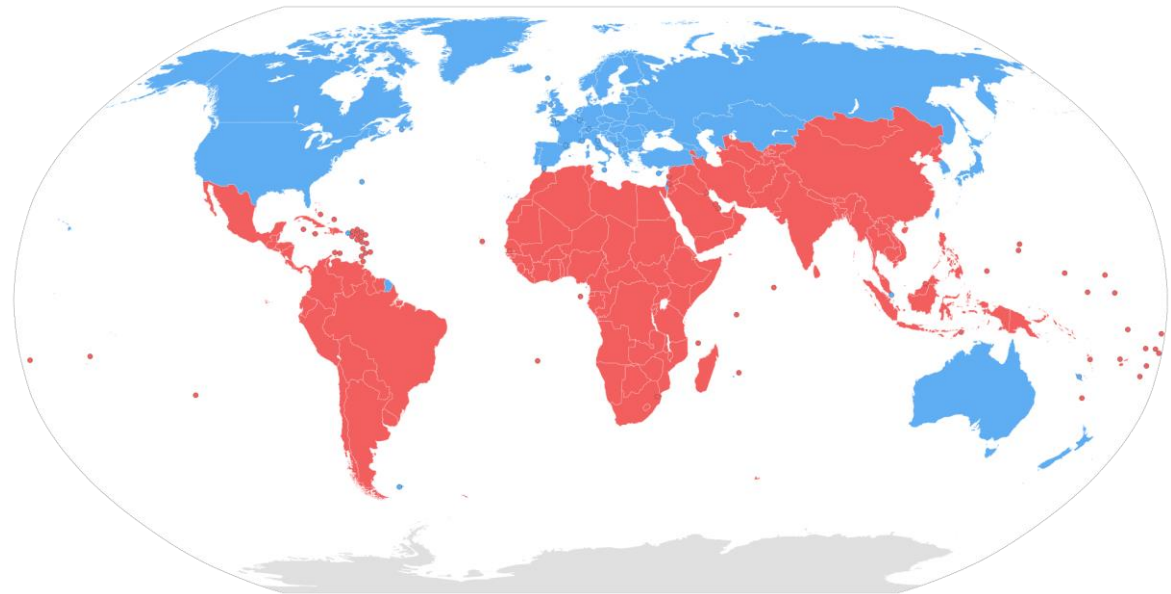
- Marrakech Partnership for Global Climate Action
- New commitments
- Fill more needs with one deed
- Emphasize sustainability co-benefits

**Marrakech
Partnership**





- No or few approaches to deal with trade-offs
- Focus on scale, need for innovation
- Over representation of North-based actions



Rebound effects and pathways to transformation



- Predominant pathways of transformation
 - Improving efficiency
 - Substituting polluting for less-polluting technologies
 - But: rebound effects
- Need to consider third pathway of transformations: changing behaviour and consumption



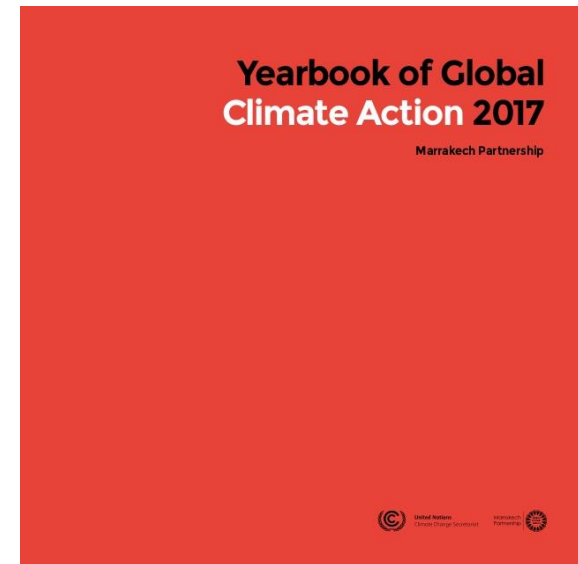


Boosting non-Party climate action through Talanoa: Insights from research, policy, and practice

SB48 Side event

Wednesday 2 May 2018

16:45-18:15 Kaminzimmer (113)



Thank you!



[@SanderChan](https://twitter.com/SanderChan)

Researcher Adj. Asst Prof., Copernicus
Institute of Sustainable Development, Utrecht
University

Tulpenfeld 6

D-53113 Bonn

sander.chan@die-gdi.de

www.climategroundswell.org

www.sanderchan.nl

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Galvanizing
the Groundswell
of Climate Actions