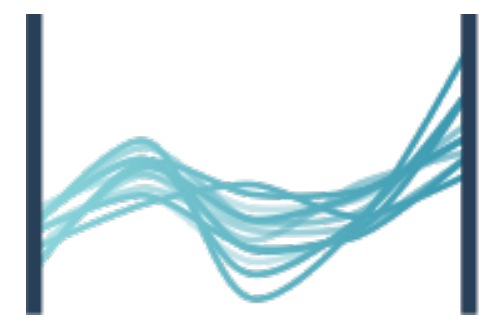


## PREP - Visualising data to build climate resilience



**PARTNERSHIP FOR  
RESILIENCE  
& PREPAREDNESS**

Leading with:



**WORLD  
RESOURCES  
INSTITUTE**

### The problem:

Demand for climate information is on the rise, but data are often hard to find, access, and use.

### The solution:

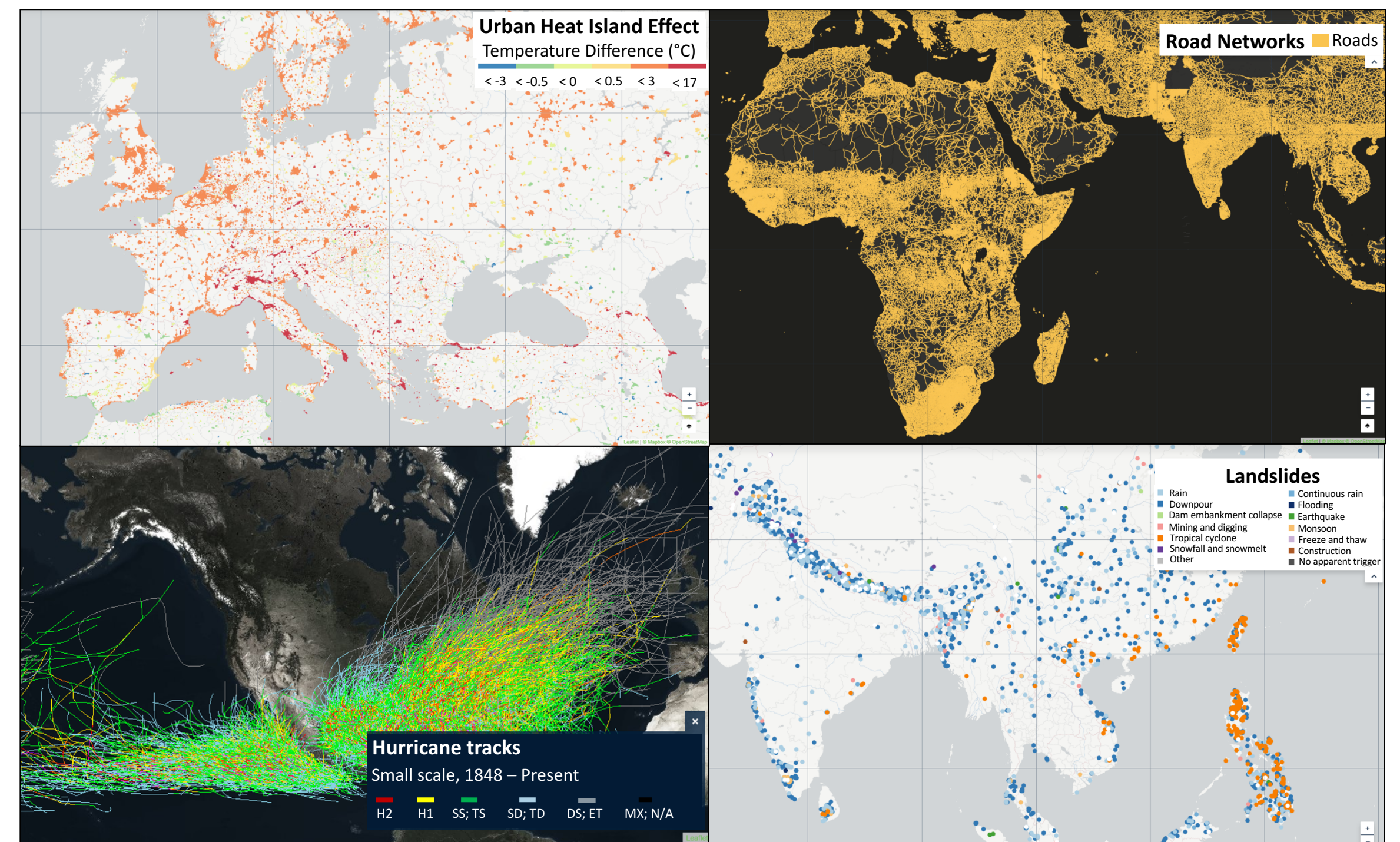
Improve access to useful data and empower communities and businesses to better plan for and build climate resilience.

### PREP aims to

- Promote dialogue between climate data providers and users
- Solicit input on user needs and data priorities to streamline and curate data for resilience planning
- Improve interoperability across different data products and platforms
- Develop products, creating guidance and supporting PREPdata applications to build capacity for adaptation planning

**PREPdata** is a map-based, open data online platform that allows users to

- Easily access and use highly credible climate, physical and socioeconomic datasets
- Map and visualise a specific region's vulnerability
- Track the indicators most relevant to their work on customisable dashboards
- Request that data providers add new tools or datasets
- Share their stories with adaptation practitioners around the world



### Datasets include:

- Extreme weather events
- Precipitation
- Drought and flood risks
- Social vulnerability
- Coastal energy facilities
- Landslides
- Sea level rise
- Global urban heat island effect
- Reservoir sand dams
- Global cropland extent

For more information, visit [prepdata.org](http://prepdata.org) or email [laura.satkowski@futureearth.org](mailto:laura.satkowski@futureearth.org)

## 10 Science Must-Knows on Climate Change – Summarising recent research

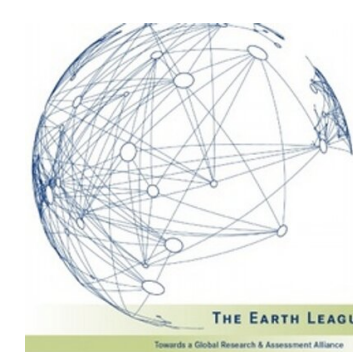


Press conference at COP23

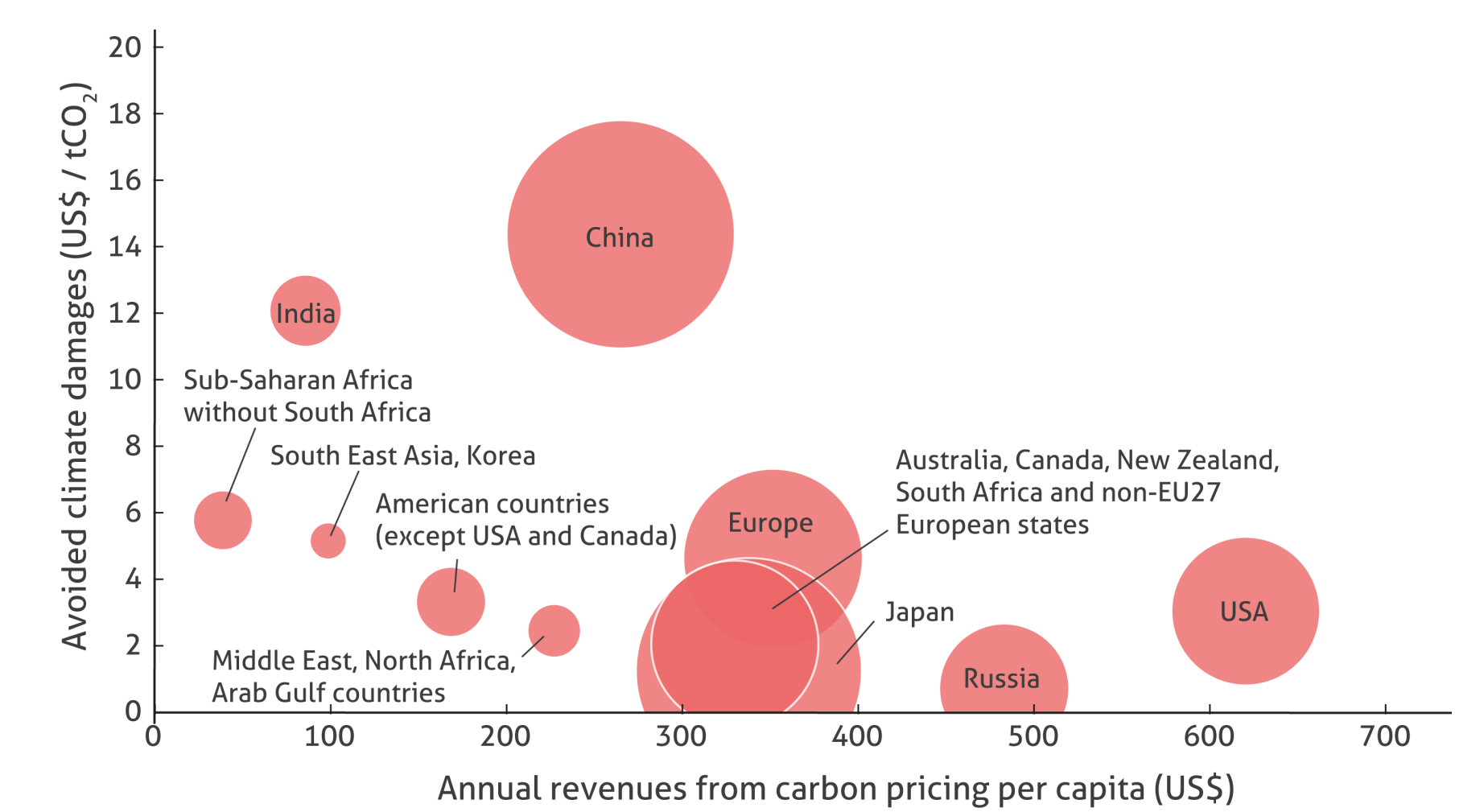
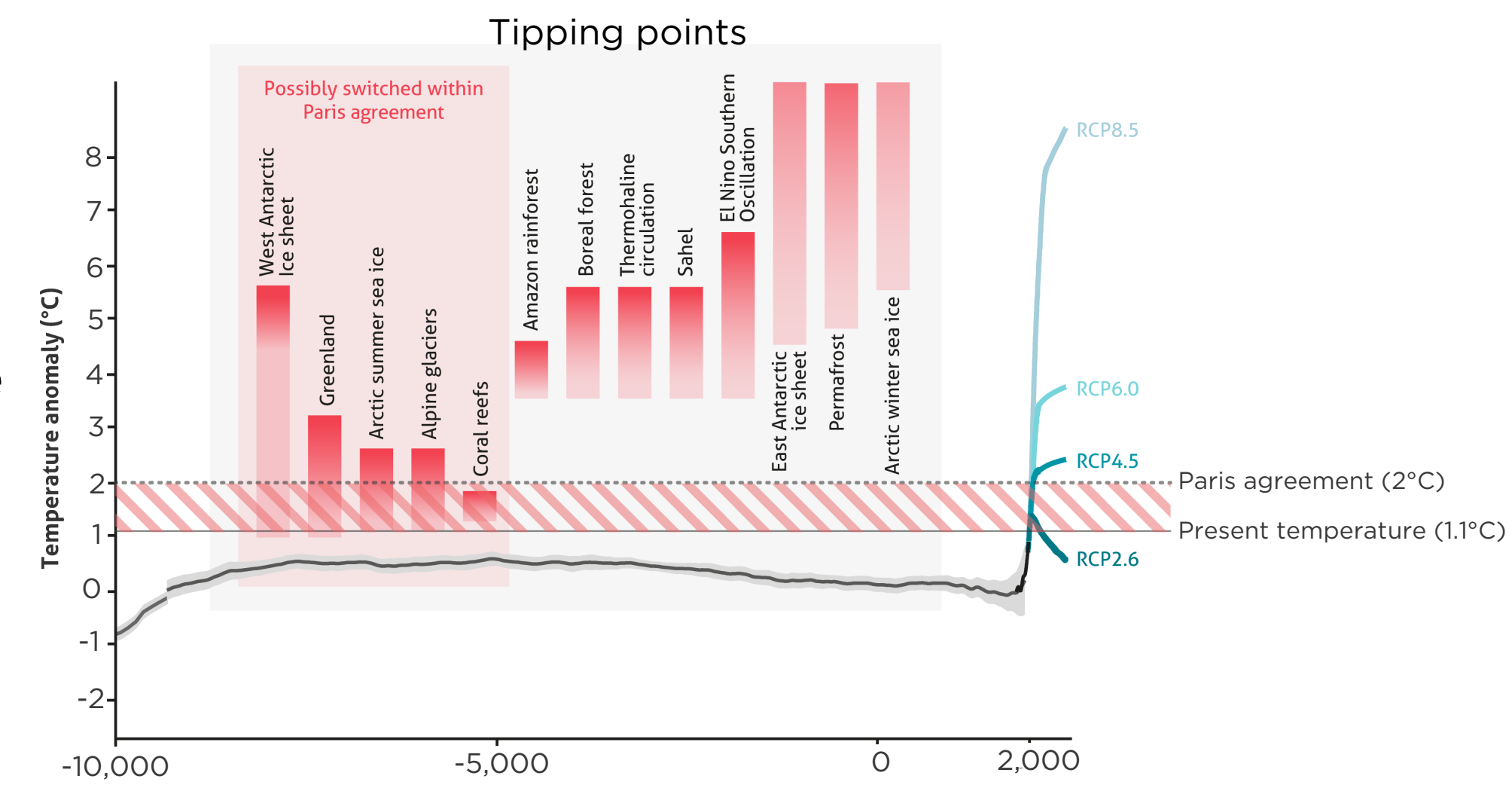
L to R: Johan Rockström (Stockholm Resilience Centre), Nick Nuttall (UNFCCC), Hans Joachim Schellnhuber (PIK), Patricia Espinosa (UNFCCC Executive Secretary) and Wendy Broadgate (Future Earth)

Brings together Earth-system science and economic research to highlight ten facts which are key to climate negotiations:

Partners:



- We are in the Anthropocene – Humans are a dominant force on the planet
- Earth is approaching tipping points due to human pressures
- The increasing extreme weather risks
- The growing threat of rising sea levels and ocean acidification
- The economic costs are already being felt – and will increase
- Human health is at risk
- The exacerbation of large-scale migration and civil unrest
- The world needs to act faster
- Nation states should cooperate and coordinate mitigation efforts – e.g. carbon pricing
- Adaptation and resilience building are necessary



For more information, visit [futureearth.org/news/cop23-10-science-must-knows-climate-change](http://futureearth.org/news/cop23-10-science-must-knows-climate-change) or email [kaela.slavik@futureearth.org](mailto:kaela.slavik@futureearth.org)

## Carbon Law Accelerator - Catalysing action at company and city

Who?	A consortium of industry leaders, research institutes and NGOs
Target?	Leadership within the digital sector
Goal?	To move from incremental to exponential action on climate across the global economy
Outcome?	A declaration underpinned by a roadmap (a report and online digital tool) to guide exponential progress
Overall goal?	To give ten million engineers in the tech sector the tools to become planetary stewards by 2020



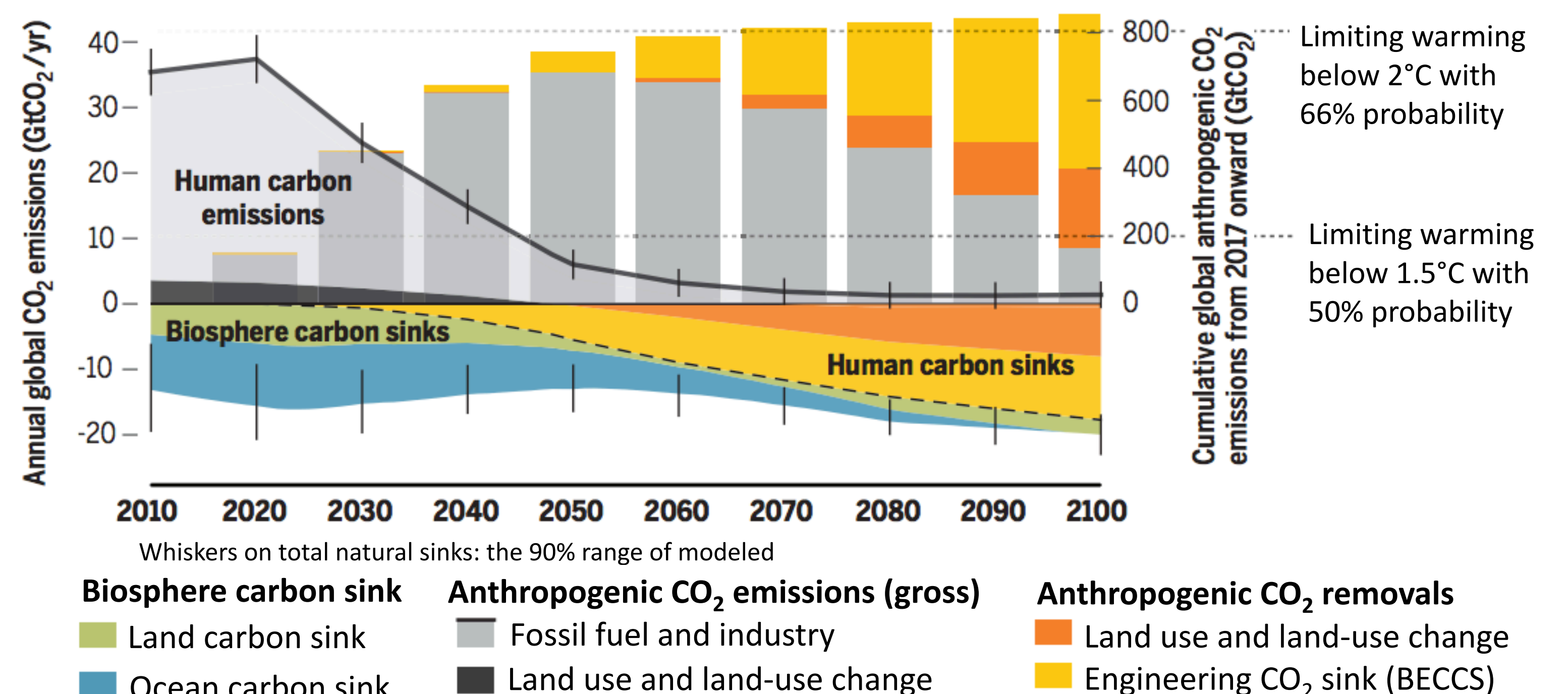
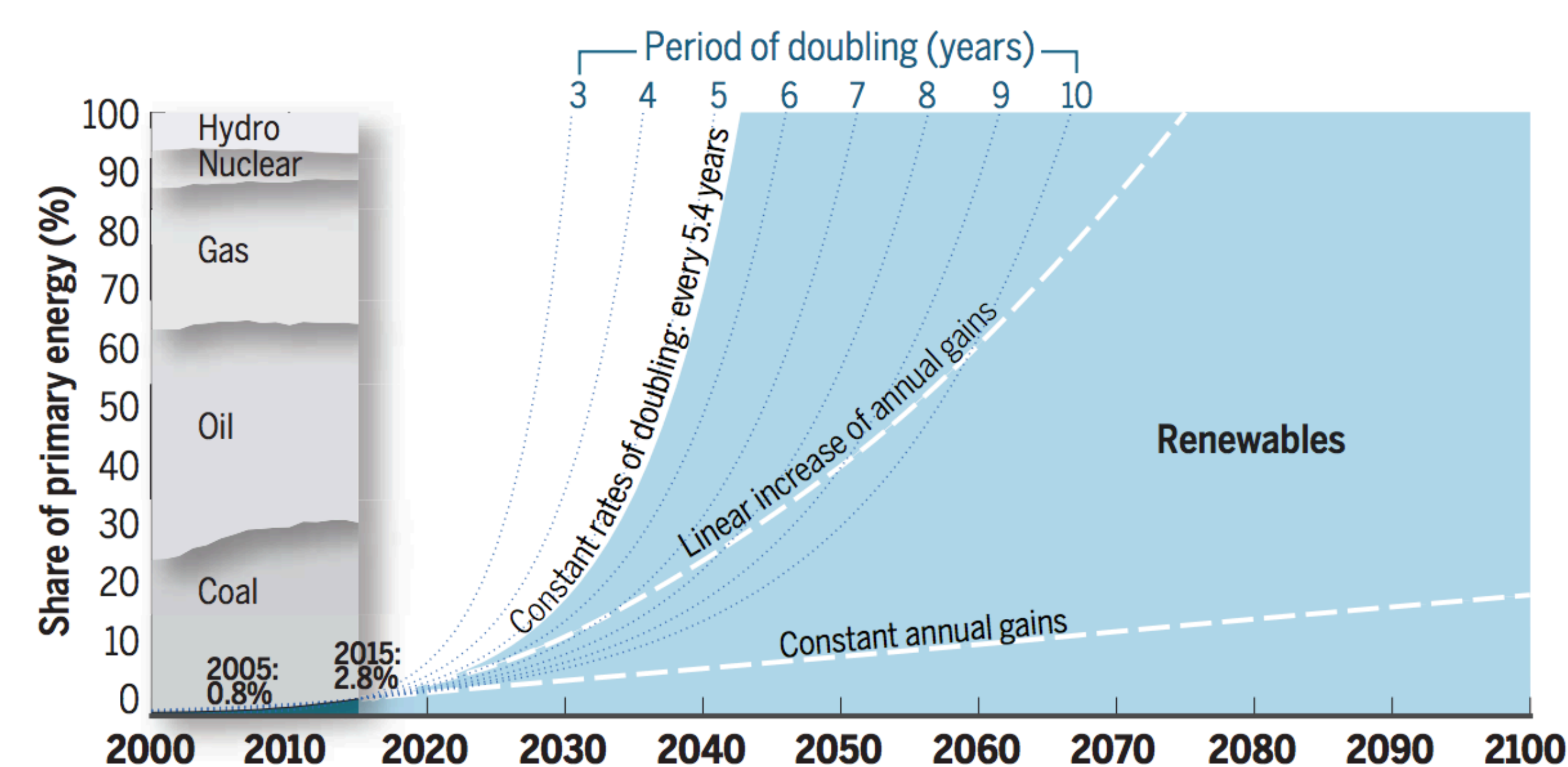
- Global emissions need to peak no later than 2020
- Simple “rule of thumb”:

Partners:

**M2020**

**Stockholm Resilience Centre**  
Research for Governance of Social-Ecological Systems

**Halve emissions every decade to 2050**



For more information, email [johan.falk@futureearth.org](mailto:johan.falk@futureearth.org)

Global Research Projects

