

Climate Change: Implementing the Paris Agreement

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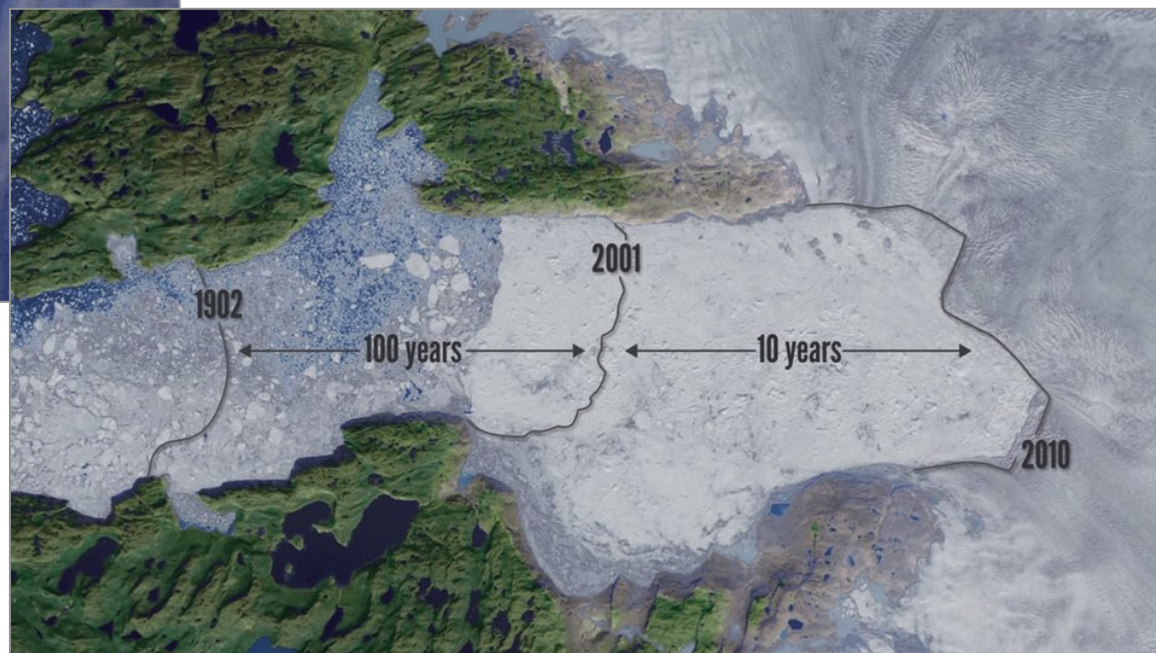
Postgraduate Think-tank

XIX Seminario Anual de Investigación CIES

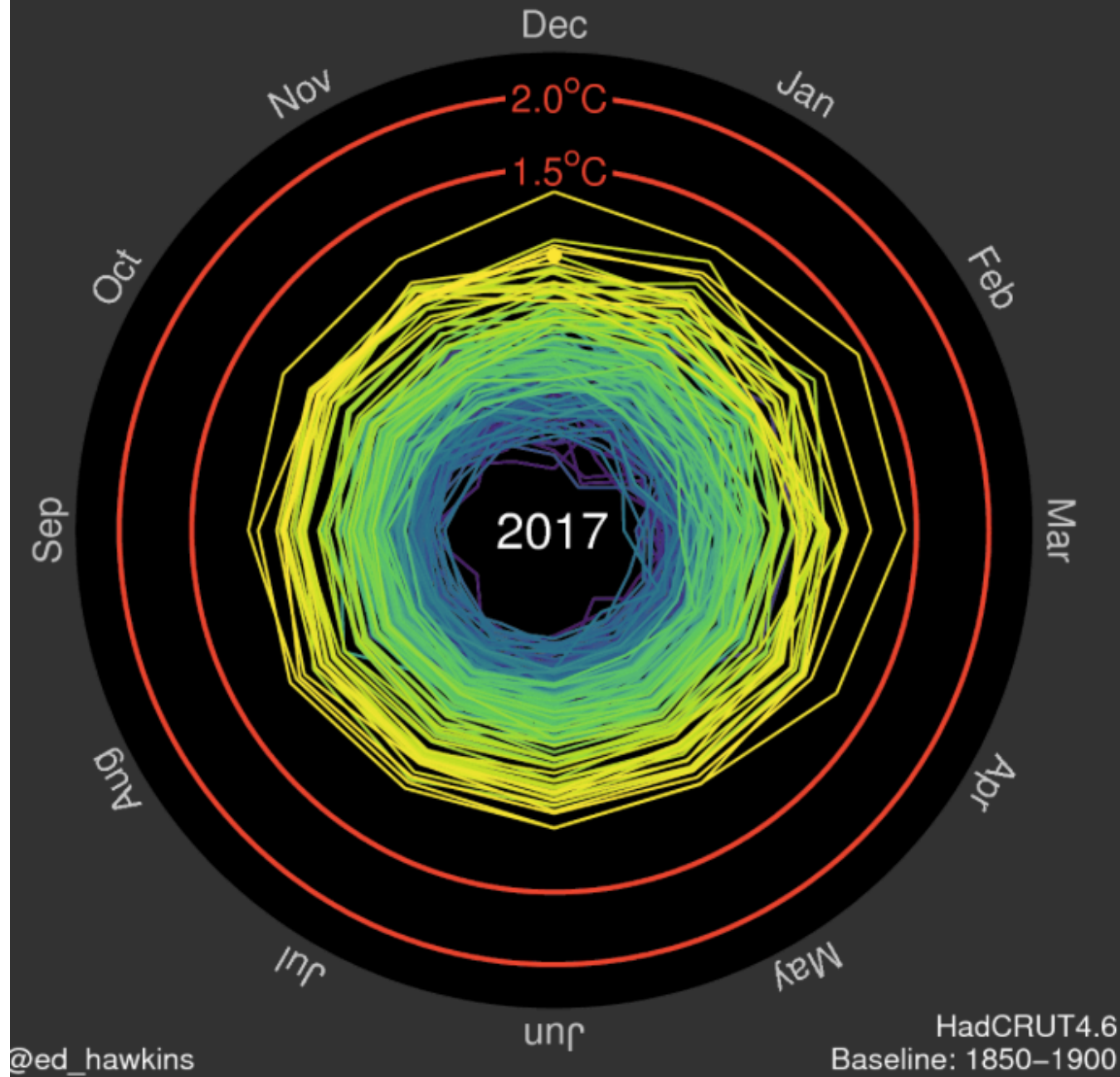
Lima, 5 November 2018

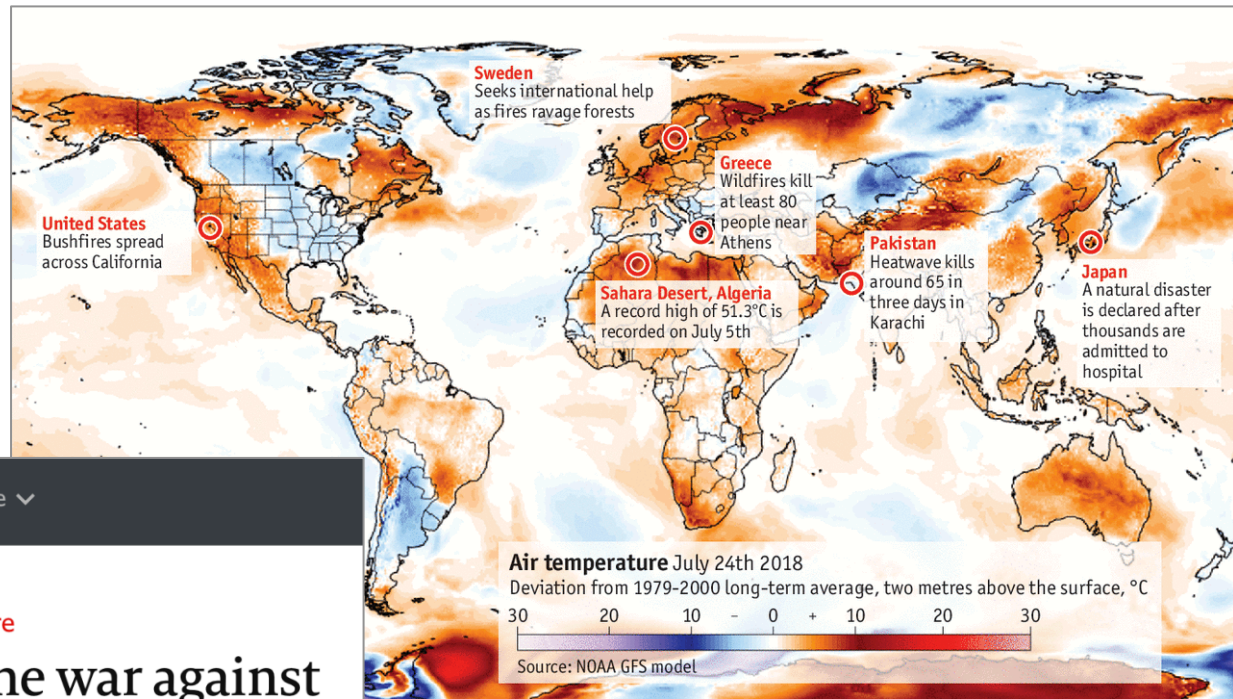


Chasing Ice, 2012



Global temperature change (1850–2017)





The Economist Topics ▾ Current edition More ▾

In the line of fire

The world is losing the war against climate change

Rising energy demand means use of fossil fuels is heading in the wrong direction



PA

The Economist, 28 julio 2018
(Heat is causing problems across the world)

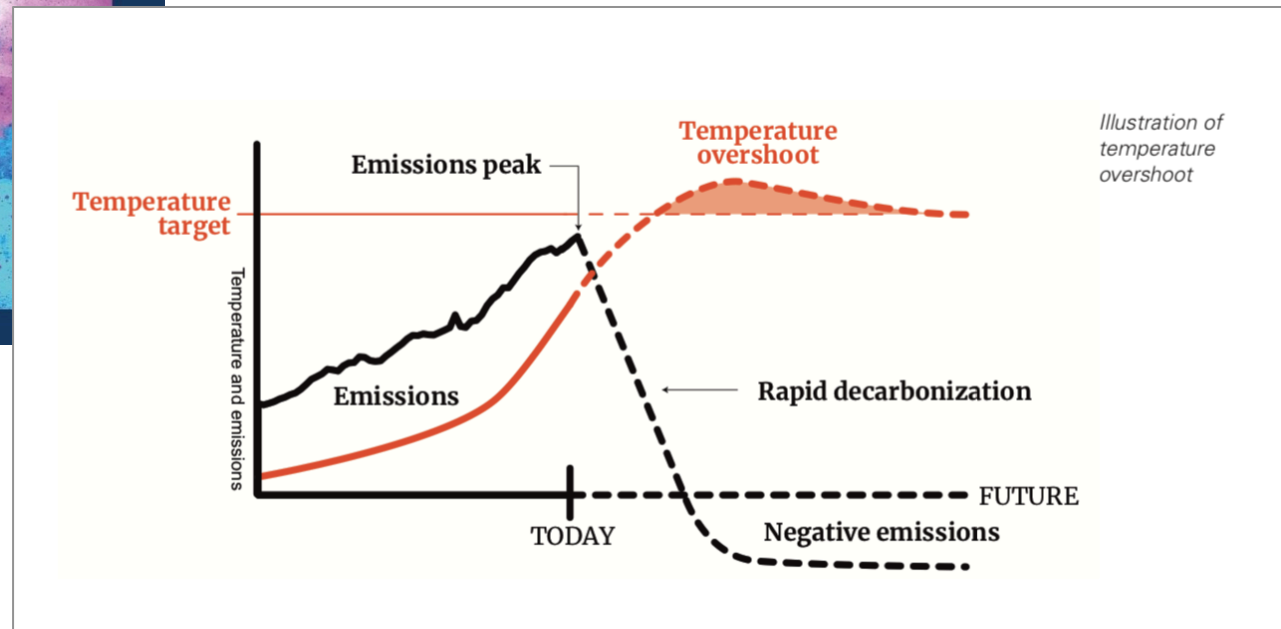
The Economist, 2 agosto 2018

Climate Change

- **Scientific foundations**
 - The knowns and unknowns
- **Impacts and Adaptation**
- **Constraints for mitigation**
 - **Global problem**
 - “Free riding”
 - Equity aspects
 - **Intergenerational issues**

Tackling Climate Change

- UN setting: FCCC, IPCC**
- Paris Agreement**
 - Overall objective: 2°C, or 1.5°C**
 - Bottom up: NDCs + flexibility**
 - National objectives**
 - Mitigation policies**
 - Side payments?**



WMO, 2018

Mitigation

- **Mostly energy-related**
 - **Supply: decarbonized sources**
 - **Demand: energy efficiency**
- **But not only: land-use, cement, etc.**
- **Important role of public policies:**
 - **Planning, conventional regulation, prices.**
 - **Promoting clean technologies**
- **Distributional impacts, competition...**

EU Climate Policy

- **In place since the early 1990s**
- **Growing in ambition: -40% GHG for 2030 wrt 1990, -45% (EC suggestion); -55% (European Parliament, October 2018)**
- **Carbon prices in the core of the system (EU ETS)**
- **Supplemented (affected?) by energy efficiency and renewable policies**
- **Significant constraints: competitiveness concerns, internal discrepancies...**
- **A prototype for the world?**



Shadows and light in the U.S


IN ENGLISH

OPINION ›

Trump's latest absurdity

The president's decision to pull the US out of the Paris accord is inexplicable and potentially very damaging

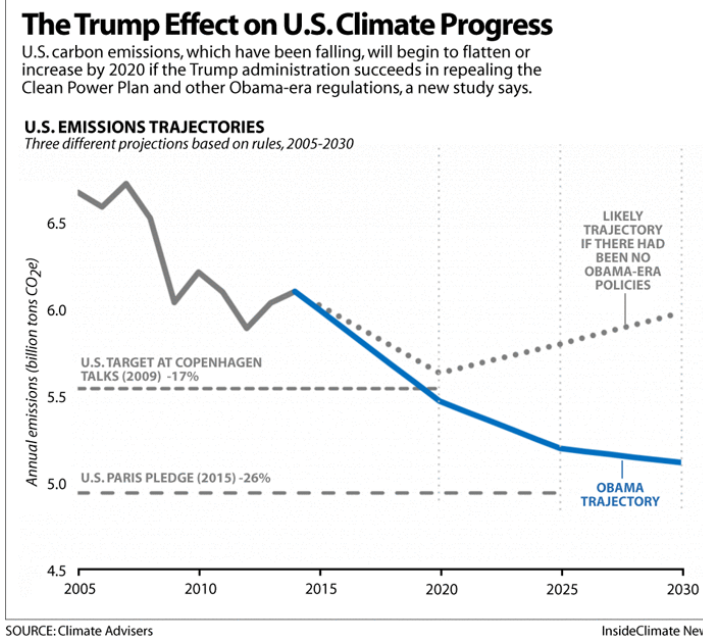
XAVIER LABANDEIRA
2 JUN 2017 - 18:02 CEST



NEWSLETTERS
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Donald Trump announces the US will be pulling out of the Paris climate deal. **ANDREW HARNIK (AP)**

Donald Trump announced yesterday with great paraphernalia that the United States was pulling out of the Paris climate agreement, although his decision to dismantle the federal policies so painfully put together by the Obama




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GLOBAL CLIMATE ACTION SUMMIT

September 12-14, 2018
San Francisco, CA

HEALTHY ENERGY SYSTEMS

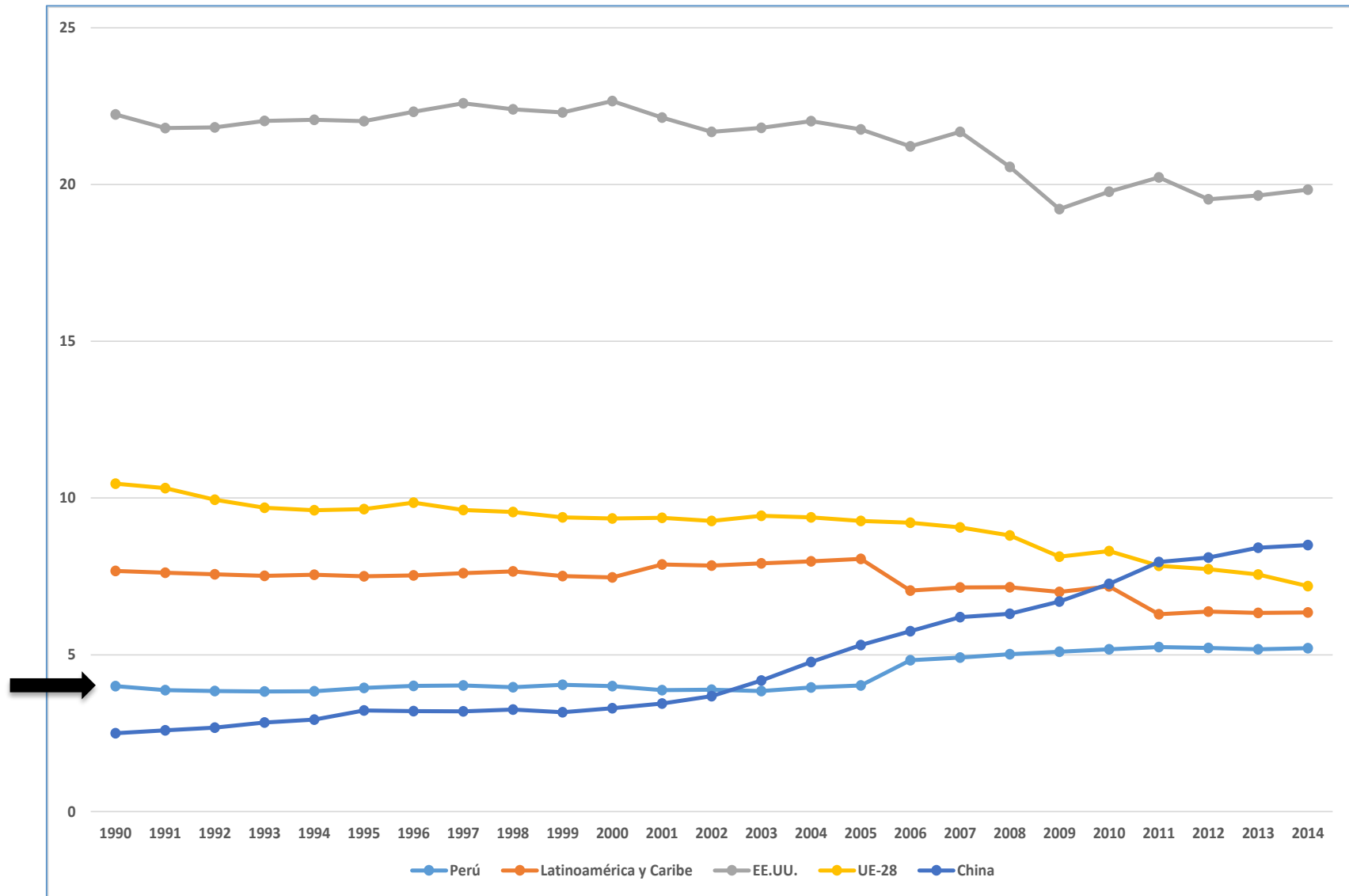
INCLUSIVE ECONOMIC GROWTH

SUSTAINABLE COMMUNITIES

LAND AND OCEAN STEWARDSHIP

TRANSFORMATIVE CLIMATE INVESTMENTS

Energy-related CO₂ emissions



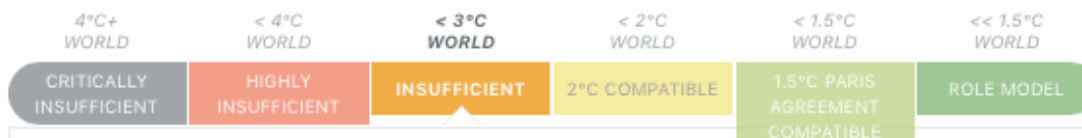
Source: CAIT (2018)



Peru

CLICK TO SEE PREVIOUS UPDATE 6 Nov 2017

SHARE   

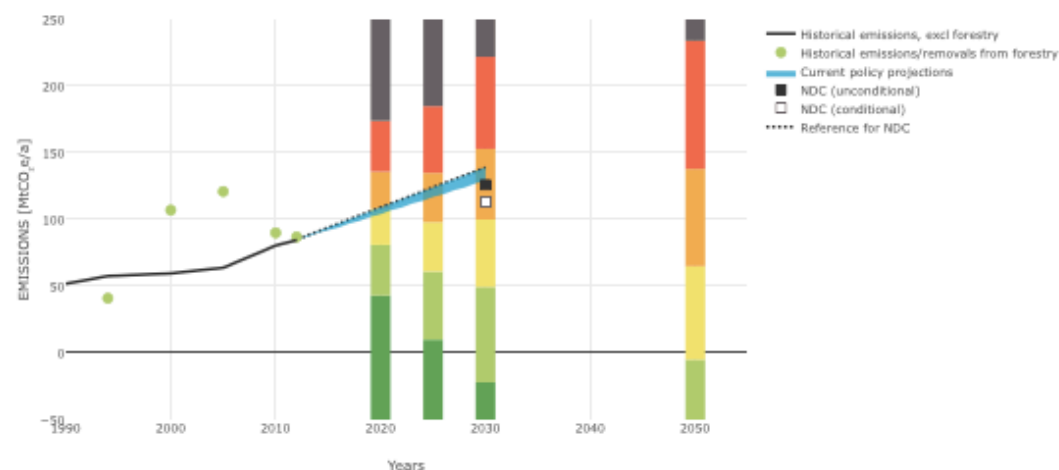


Commitments with this rating are in the least stringent part of their fair share range and not consistent with holding warming below 2°C let alone with the Paris Agreement's stronger 1.5°C limit. If all government targets were in this range, warming would reach over 2°C and up to 3°C.

Country summary

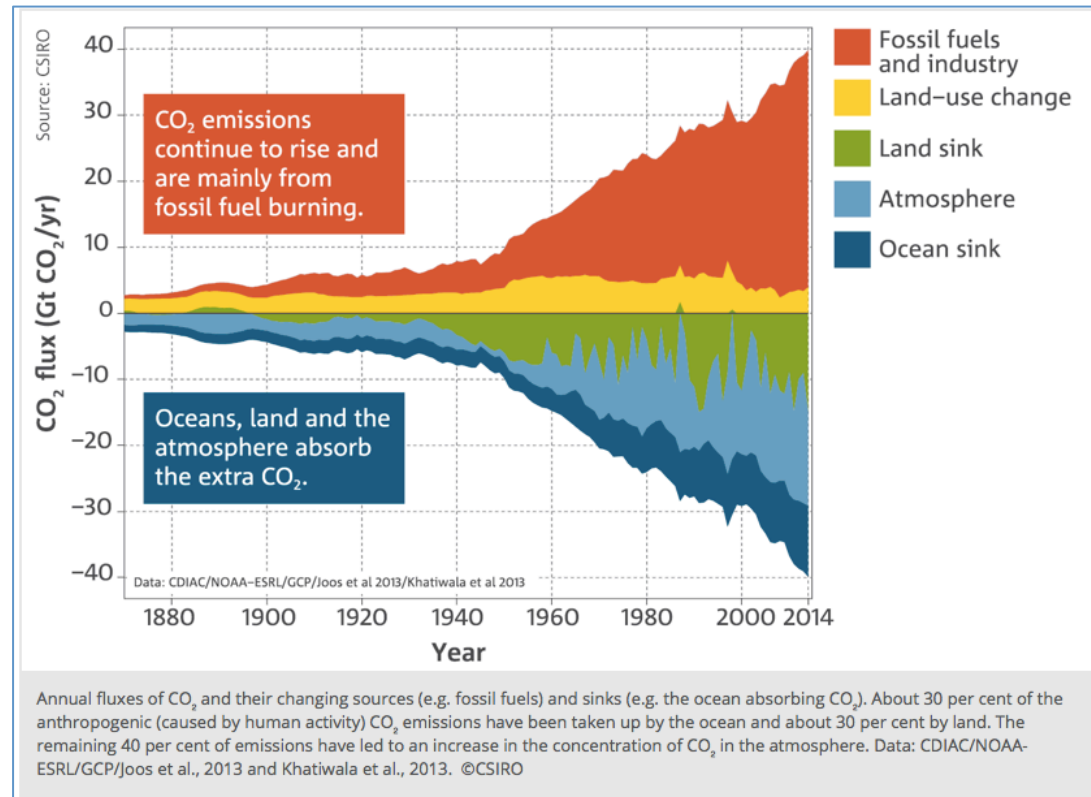
COUNTRY SUMMARY PLEDGES AND TARGETS FAIR SHARE CURRENT POLICY PROJECTIONS

ASSUMPTIONS SOURCES

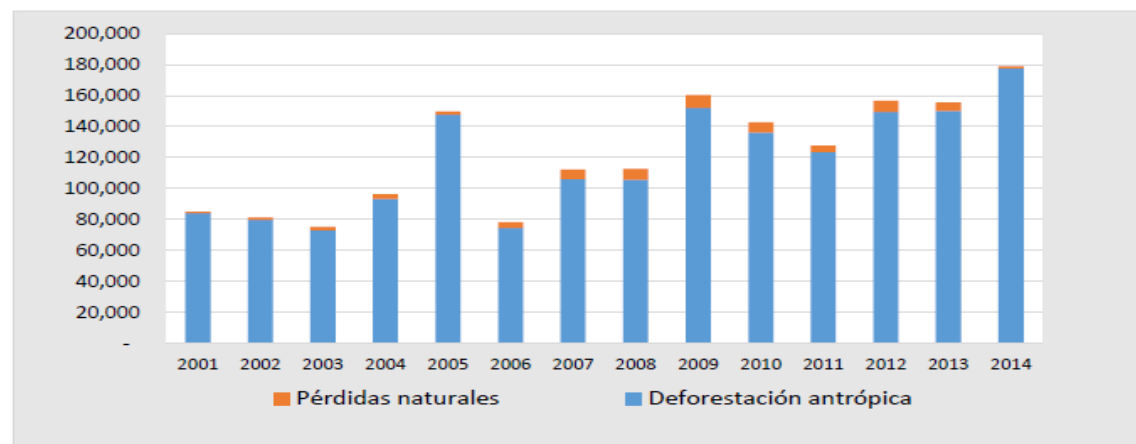


Graph Footnotes INSTRUCTIONS: Click each data series legend item above to deactivate or activate on the graph. To zoom in on the graph - click and drag to create a box - then release. To return to full scale, simply double click anywhere on the graph.

Source: CAT (2017)



Deforestation, Peru



Source: Environment Ministry (2015)

Discussion

- Effectiveness of the Paris Agreement: 2°C, 1.5°C**
- Has EU climate policy been useful in global terms?**
- Should the EU go ahead without the US (and China)?**
- What are the key priorities for Peru in mitigation?**
 - Land use**
 - Energy: more efficiency plus wind?**
 - Carbon prices?**

Thanks

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