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KEEP CALM

SAVE

VGEI

PARIS CLIMATE 2015

To change everything we need everyone

Webinar International Transport and the Paris Agreement

Mark Lutes, WWF

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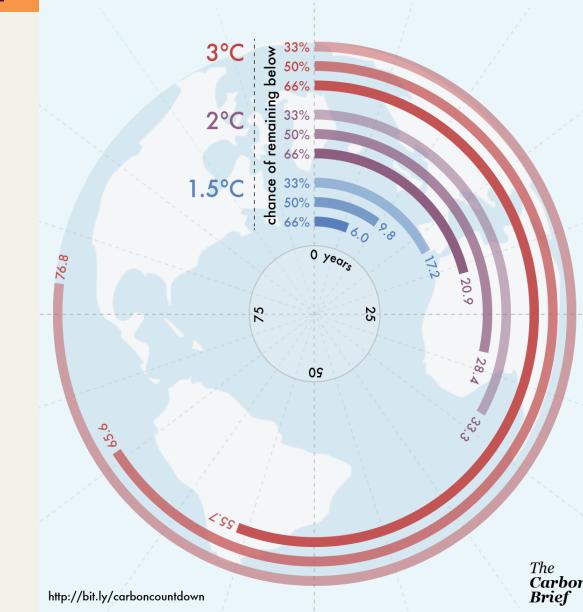
CHANGER

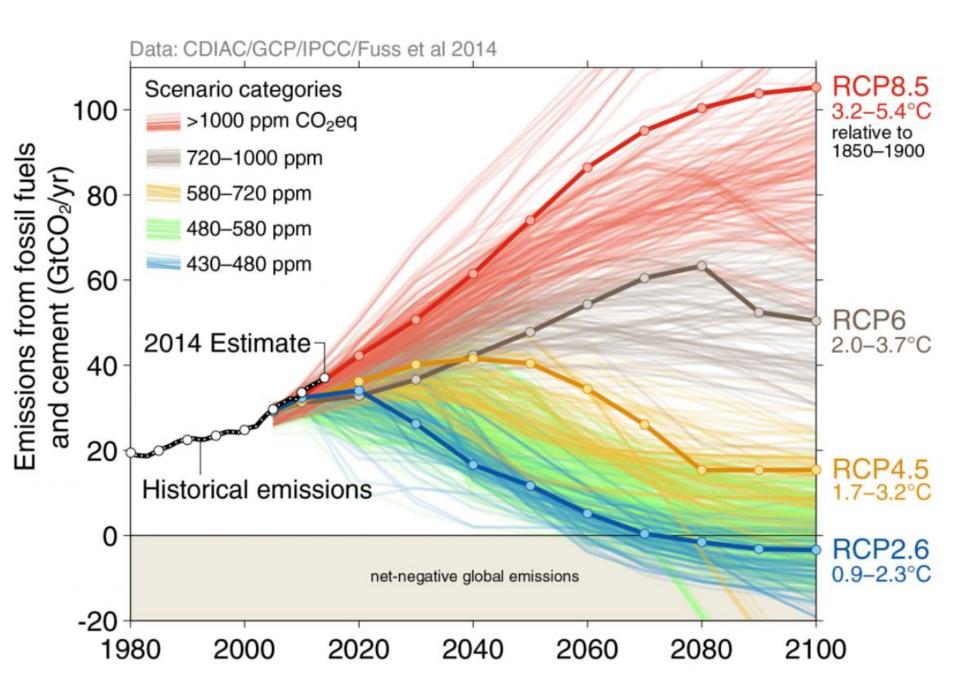


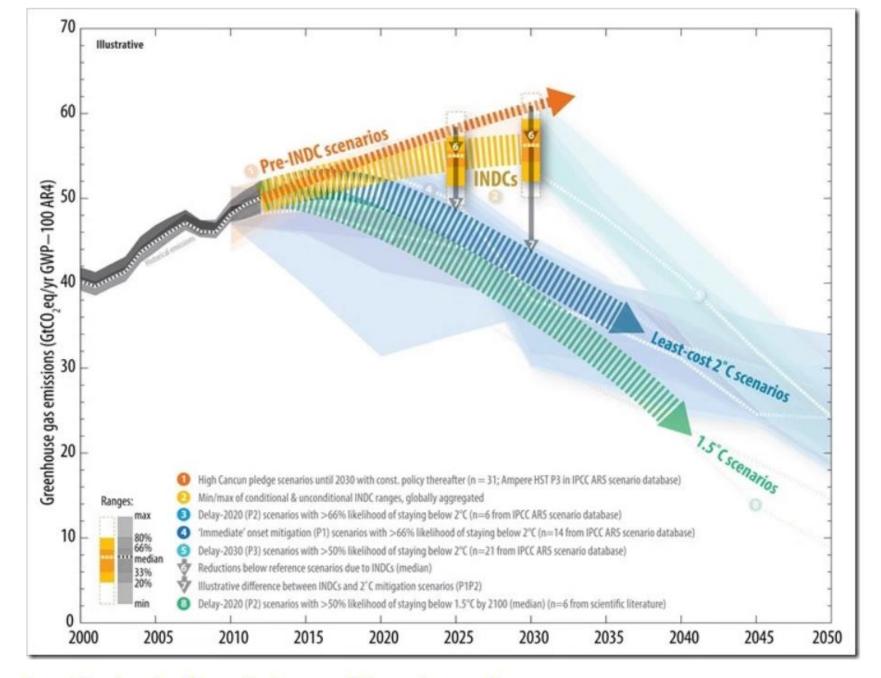
Urgency Gap

Carbon Countdown

How many years of current emissions would use up the IPCC's carbon budgets for different levels of warming?

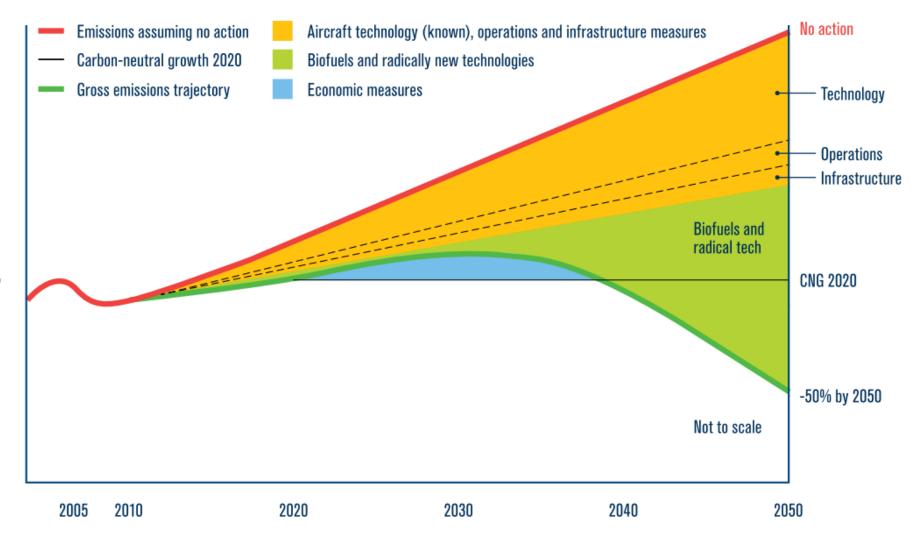






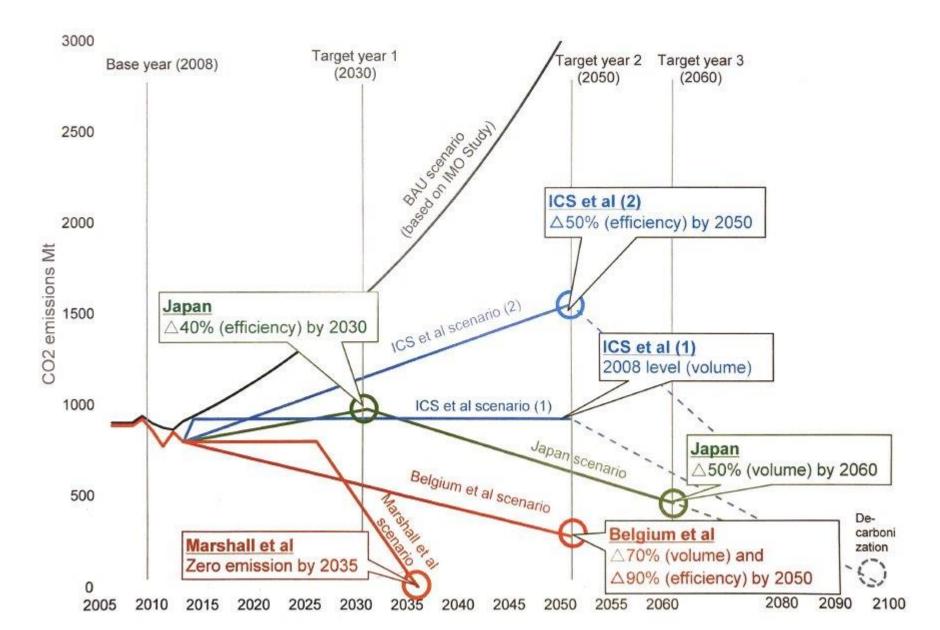
http://unfccc.int/focus/indc_portal/items/9240.php

Vision of Aviation industry



CO₂ Emissions

Proposed Targets for global shipping sector





The promise of Paris:

A self-correcting Regime through a ratchet mechanism

Climate ambition is reflected in the global climate regime over three time frames:

- 1. Pre-2020;
- 2. The first NDC period (2021-2030); and
- 3. Subsequent NDCs (from 2030 onwards in a 5-year cycle).

Presentation to Company

1-Nov-17 / 7

At COP23 Fiji must deliver:

- Progress in Pre-2020 climate action, both by Parties inside the formal negotiations and through the Action Agenda);
- Design of the "Talanoa Dialogue", aka 2018
 Facilitative Dialogue, to take stock of the collective effort of Parties close the emissions gap, including by raising ambition of NDCs by 2020;
- Paris implementation guidelines: Parties need to generate substantive elements for a negotiating text for the Paris Agreement, to allow adoption at COP24.
 - Including design of Global Stocktake

Aligning review and ratchet cycles

Year	UNFCCC	ICAO	IMO
2018	IPCC SR 1.5		Initial IMO strategy
	Rulebook with modalities		
	for GST		
	Talanoa Dialogue FD2018		
2020	Parties communicate or		Publication of 4 th IMO GHG
	update NDCs by 2020		Study
2021		Voluntary Pilot phase of	Sec't report summarizing
		CORSIA starts	2019 data
2022		First ICAO Review of CORSIA	Sec't report summarizing
			2020 data
2023	First Global Stocktake (PA		Spring: Adoption of revised
	Art 14.2)		IMO strategy
2024		Phase 1 of CORSIA starts	
2025	Parties communicate or	Second CORSIA review	Publication of 5 th IMO GHG
	update NDCs		Study
2027		Mandatory Phase 2 of	
		CORSIA starts	
2028	Second GST	Third CORSIA review	
2030	Parties communicate or		
	update NDCs		
2031		Fourth CORSIA review	
2032		Special review of CORSIA for	
		beyond 2035	
2033	Third GST		
2035	Parties communicate or		
	update NDCs		

WWF Recommendations

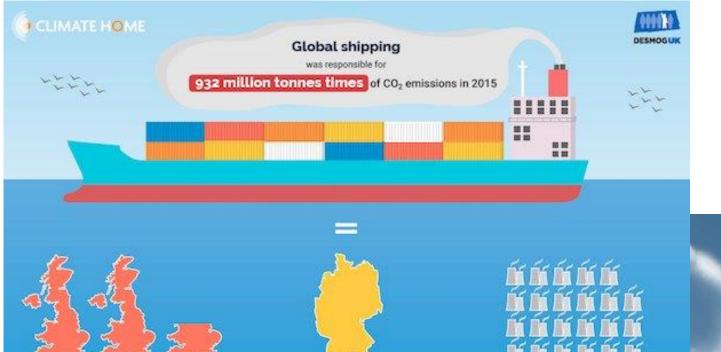
Talanoa Dialogue:

Cover all emissions and climate forcers, whether covered by NDCs or not, including emissions from international aviation and shipping, HFCs and other F-gases, and short-lived climate forcers. It should invite inputs from organisations responsible for controlling such emissions or initiatives addressing them;

The Global Stocktake:

Cover all emissions, sinks and climate forcers (including short-lived climate forcers and on emissions not necessarily covered by NDCs and the transparency framework) and invite inputs from relevant organisations including ICAO, IMO, Montreal Protocol and CCAC;





1.02 times

Germany's annual emissions

2.3 times

the UK's annual CO2 emissions

Equivalence data comes from https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator Shipping data comes from http://www.theicct.org/publications/GHG-emissions-global-shipping-2013-2015

> CONCENTRATIONS OF CARBON DIOXIDE IN THE ATMOSPHERE SURGED AT A **RECORD-BREAKING SPEED** IN 2016 TO THE HIGHEST LEVEL IN 800 000 YEARS

CO₂ emissions from 231 coal-fired power plants

