



Europe's role in tackling climate change

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DG Climate Action, European Commission

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The scale of the climate challenge

“This generation has altered the composition of the atmosphere on a global scale through ... a steady increase in carbon dioxide from the burning of fossil fuels”

Lyndon Johnson, 1965

“Notre maison brûle et nous regardons ailleurs ... il est temps, je crois, d’ouvrir les yeux.”

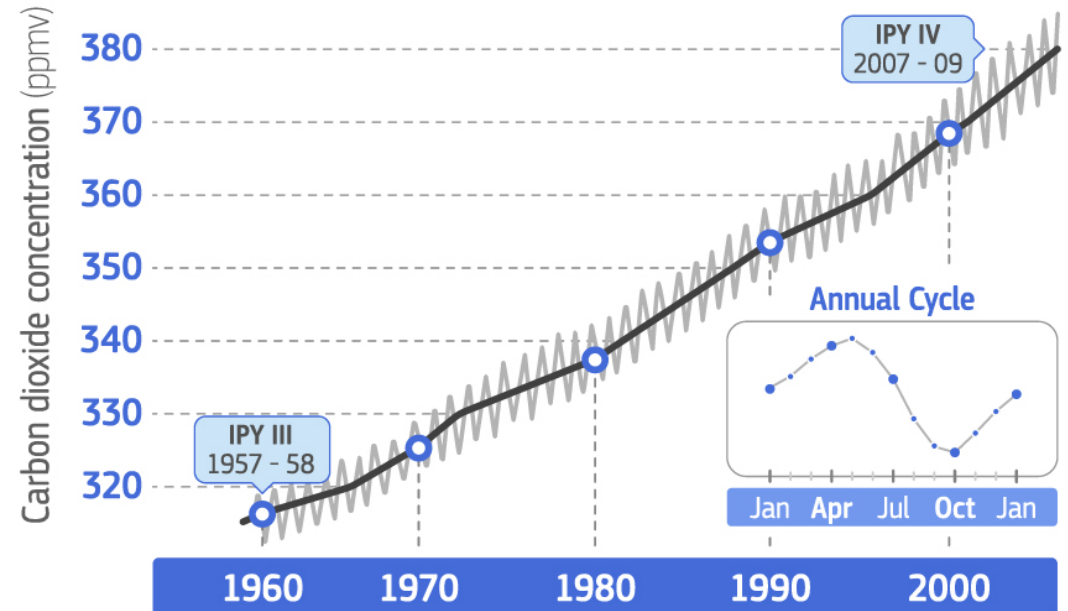
Jacques Chirac, 2002

“Our house is on fire. I am here to say, our house is on fire.”

Greta Thunberg, 2019

1992 UN Convention on Climate Change (UNFCCC)

All act, with developed countries agreeing to reduce emissions to 1990 levels by 2000



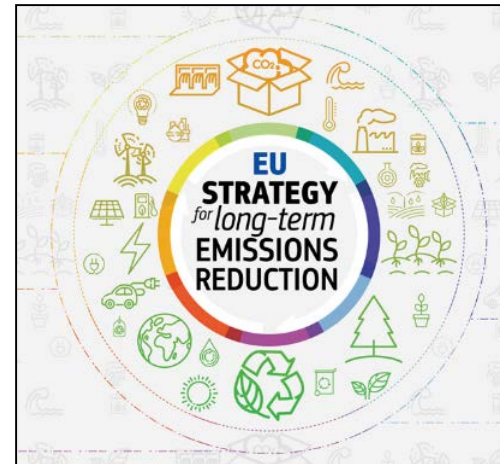
Atmospheric concentrations of CO₂ at Mauna Loa were 415ppm in May 2019

1997 Kyoto Protocol

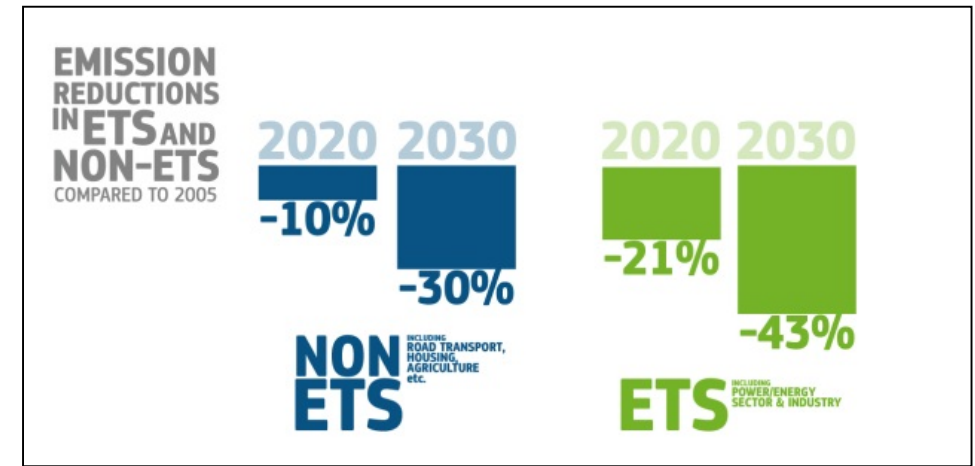
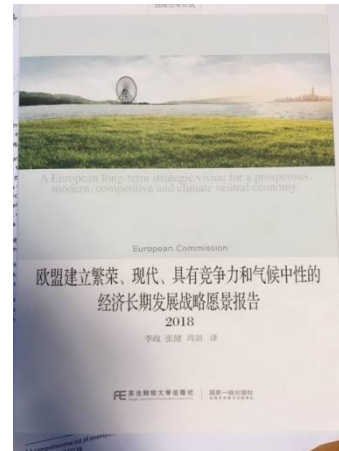
Developed country commitments to reduce by <5% below 1990 levels by 2008-12 (with -8% met by EU)



Paris Agreement objective to limit global temperature increase to well below 2°C, try to limit increase to 1.5°C



Potential for net zero economy-wide emissions by 2050

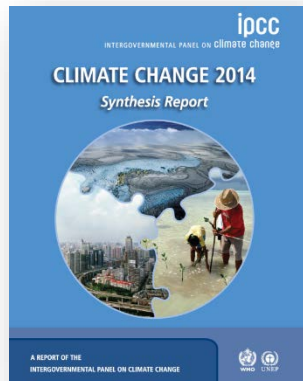
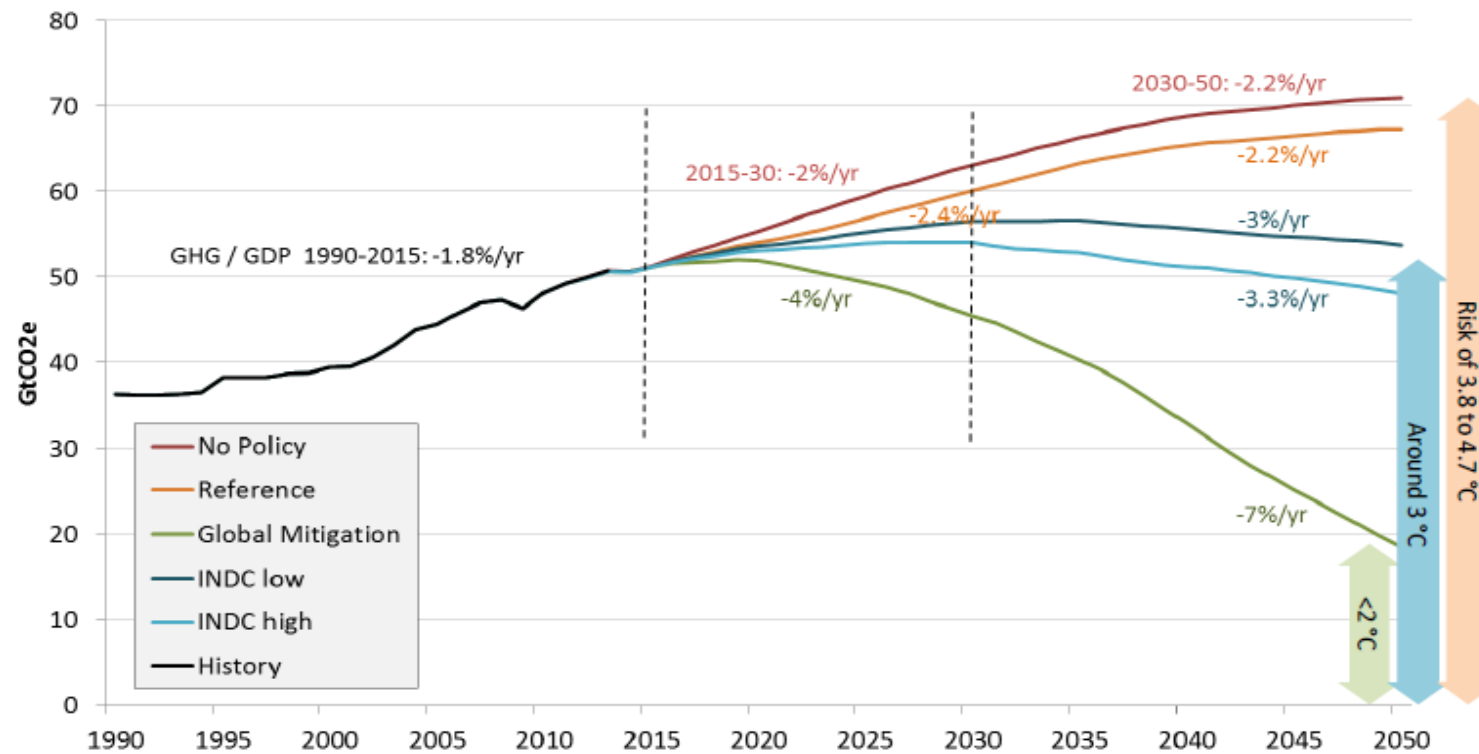


EU commitment to reduce emissions by -40% below 1990 levels by 2030, EU “Green New Deal” to reach net-zero emissions by 2050, and increase the EU’s target for 2030



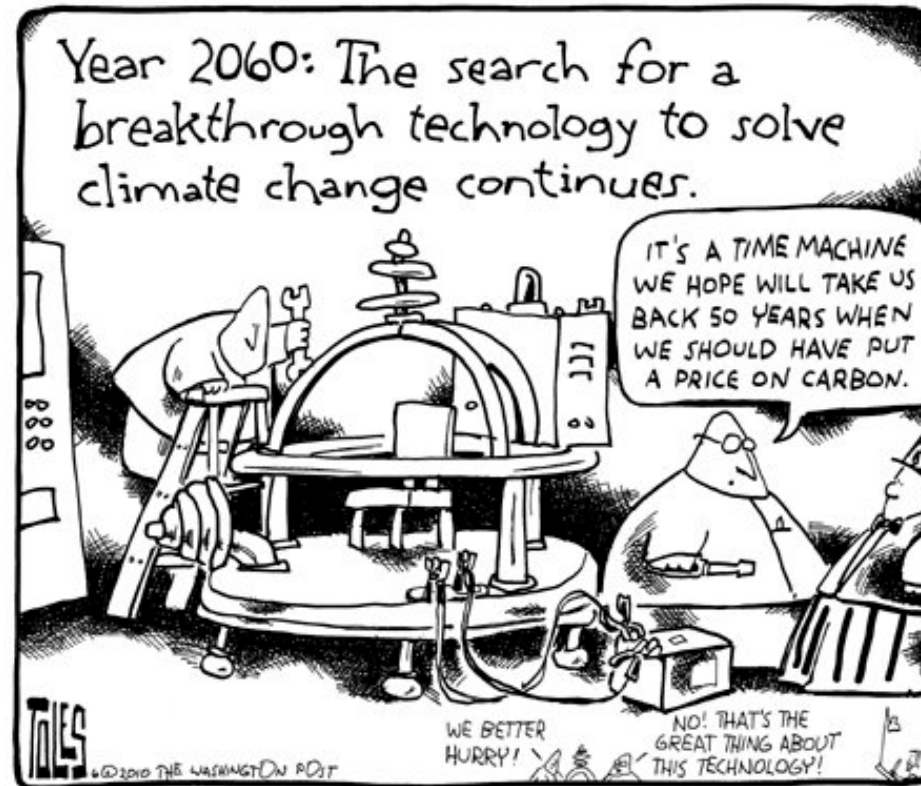
European
Commission

Impact of Paris Agreement commitments ('NDCs') on emissions



IPCC Special Report on impacts of 1.5°C, adopted in October 2018





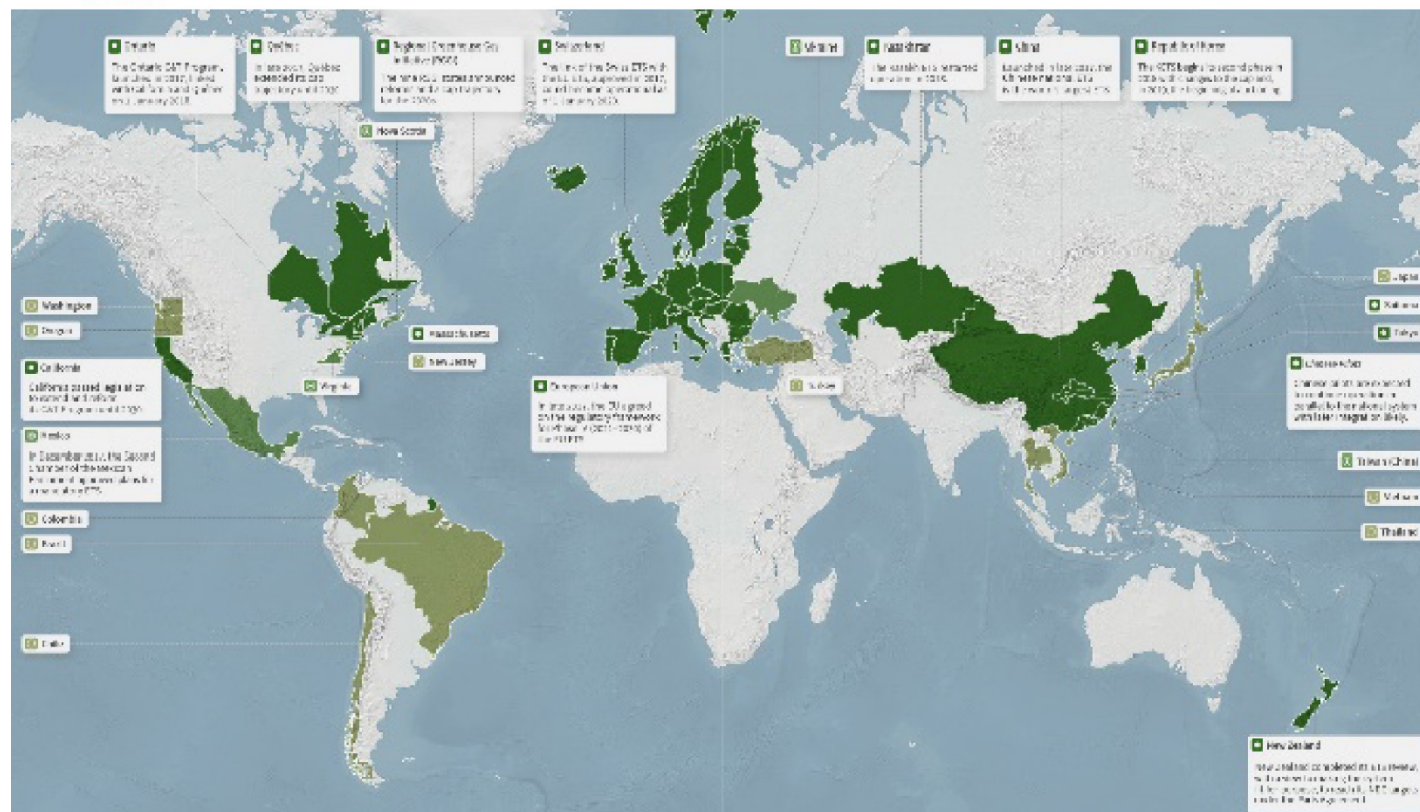
*“The key is to **change incentives for the marketplace**... If it’s free to pollute then you’re never going to have companies making all the myriad decisions that are required in order for the entire system to move in a better direction... What you have to do is **have a market mechanism to make it work more efficiently**”*

International uptake of carbon pricing

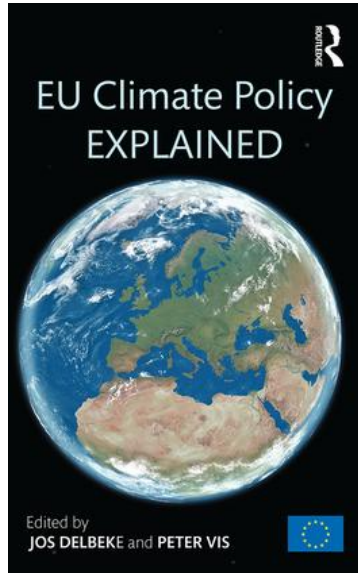


Emissions Trading Worldwide

The state of play of cap-and-trade in 2018



- EU has invested considerable efforts working with US, but significant action only at State level (California, New England states)
- Since 2010, deepening cooperation with China on pricing carbon, and national ETS being established following 8 Chinese pilot systems
- DG CLIMA website is translated into Chinese, as well as key legislation and Long Term Strategy



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欧盟气候政策说明



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La política climática de la UE en detalle

Redactado por
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Acción por el clima



유럽연합 기후 정책 해설



편집: JOS DELBEKE 및 PETER VIS

Climate Action



La politique climatique de l'UE expliquée

Édité par
JOS DELBEKE et PETER VIS



Action pour le climat



The Paris Agreement is vital, but swift action is needed at all levels, and all countries:

- Clear benefits in EU acting together
- “Carbon emissions must have a price. Every person and every sector will have to contribute.”
- EU can only succeed in tackling climate change if others follow, cooperation and sharing of experience with China, US and others
- Sharing of information is important, individual action matters, and adaptation is needed alongside reducing emissions

Multilingual audio-visual material*



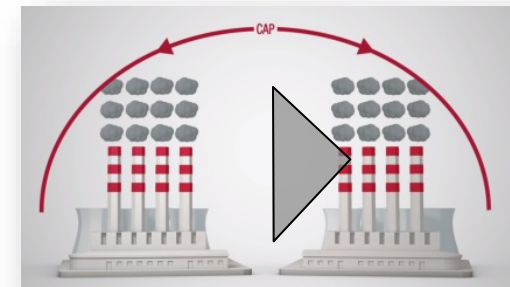
EU climate funding



EU climate action



Paris Agreement



ETS Explained (EN)



Adaptation



Causes & consequences
of climate change



EU financing
climate action (EN)



Going climate-neutral
by 2050

* All EU languages + Mandarin