

Update on the climate negotiation – technology

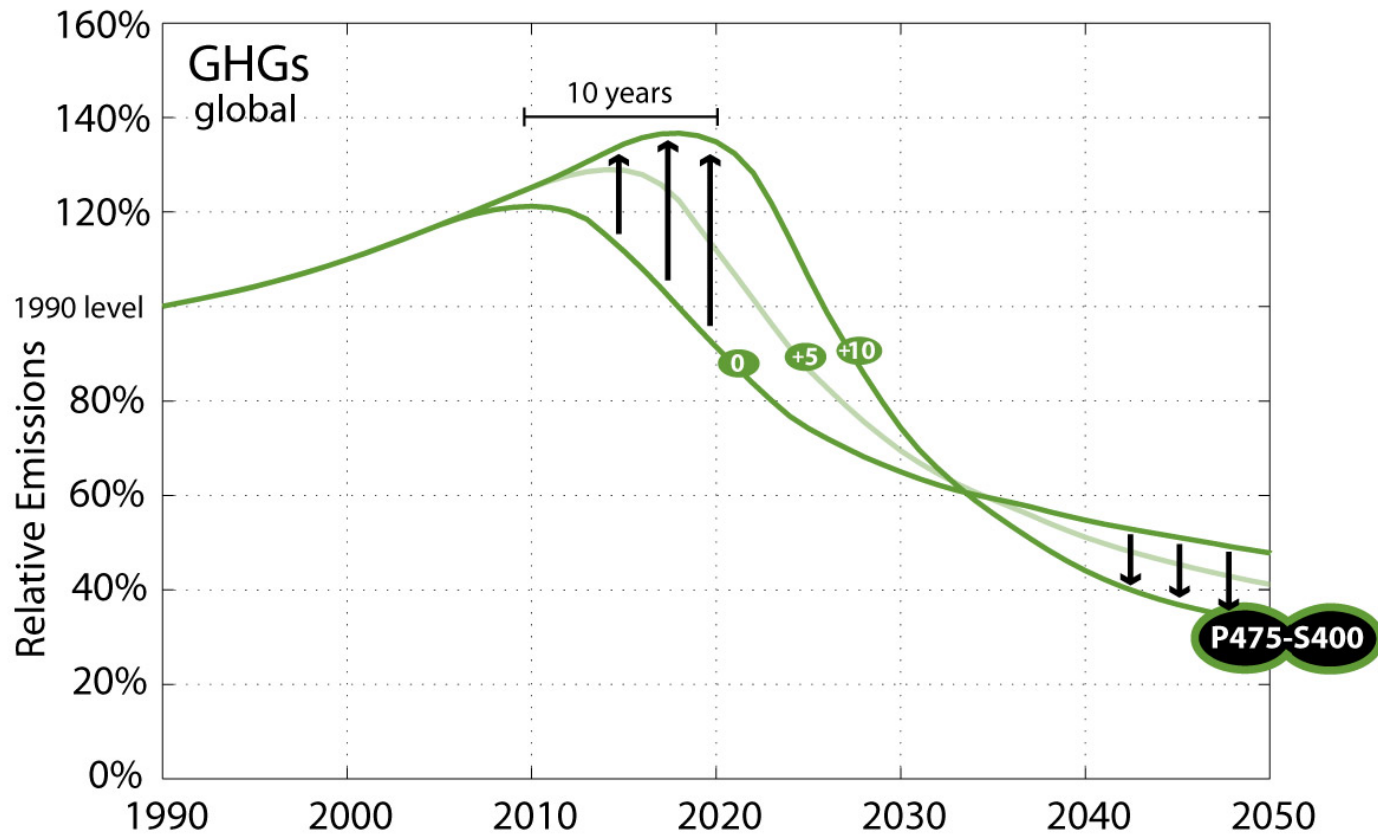
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Speedy deployment and increased R&D needed



Hard nuts related to technology in a Copenhagen deal

- What sort of mechanisms will lead to efficient and speedy deployment of technologies?
- How to enhance global development of climate tech?
- Financing – how much and how?
- How to Measure, Report and Verify support
- Institutional issues

General EU positions on technology & mitigation

- Developed countries should decrease their emissions 25-40% by 2020 and 80-95% by 2050
- Developing countries should limit the growth of their emissions to roughly 15 – 30% below business as usual by 2020
- Development, deployment and diffusion and transfer of new technologies is important
- Carbon market will play a major role

EU positions on technology (cont.)

- All countries, except LDCs, should prepare low-carbon growth plans based on needs assessments.
- Developing countries to promote good policy frameworks that will allow scaling up of private investments
- Capacity building necessary in developing countries
- Efforts outside UNFCCC important

EU positions on technology (cont.)

- Parties should agree on global technology objectives – Roadmaps
- Need for increased R&D levels globally
- International cooperation on EE, RE and CCS important including on R&D.
- Regional centers in developing countries important
- IPR is a prerequisite for speedy development

How much financing is needed for mitigation *and* adaptation?

Estimation by the European Commission:

- Between 2010-2012 fast start financing €5-7 billion/year
- €100 billion/year by 2020. Domestic sources ~ 20-40%; carbon market ~ 40%; international public funding ~ 20-40%.

EUs commitments

- **20% GHG reduction compared to 1990; 30% when other developed countries take up a comparable commitment**
- 20 % energy efficiency improvement
- 20% renewables share of final energy consumption
- 10% biofuels in transport, with
 - production being sustainable
 - second generation biofuels commercially available

47 days left...

- Bangkok. Slow process, but moving forward. Valuable information exchange. Still 32 pages with parties positions in technology negotiations (non-paper nr 29).
- Barcelona (November 2-6). Time for discussion on proposals in text and for compromises.
- Copenhagen COP 15 (December 7-18). Binding agreement, groundwork for a ratifiable agreement next year, political declaration?

Thank you!

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