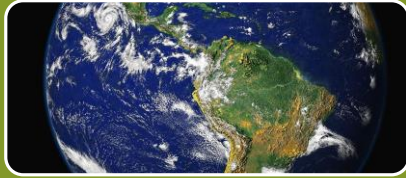


Long Term Low Emissions Development Strategies in the Paris Agreement

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The Paris Agreement



COLLECTIVE GOALS

- Long-term temperature goal
- Resilience and low GHG emissions development



COLLECTIVE EFFORTS

- A global emission trajectory
- Carbon neutrality perspective



COUNTRY LEVEL EFFORTS

- Successive Nationally Determined Contributions (NDCs)
- Long Term Low Emissions Development Strategies (LT-LEDS, LTS)

Paris Agreement on LT-LEDS

- Paris Agreement Long-term Goal (LTG) is to **to (jointly) hold the increase in the global average temperature to well below 2°C and pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels**
- 1.5°C rise in average global temperature: **by 2030 global net anthropogenic CO2 emissions have to be reduced by 45% from 2010 levels and reach average 'net-zero' around 2050** (*Total GHG emissions reach net-zero between 2063 and 2068.*)
- 2°C, CO2 emissions have to decline by about 20% (within 10% to 30% range) by 2030 in most pathways (10% to 30% interquartile range, depending on scenario) and reach net-zero around 2075 (*Total GHG emissions reach net-zero by the end of this century*)
- IPCC 1.5 SR advocated the increase of joint global ambition of the LTG from 2°C to the 1.5°C.
- One of the reasons: to safeguard the ecosystems and preserve biodiversity, and to enable better adaptation to climate change.

What are NDCs?

- Article 4.2 of the Paris Agreement: „Each Party shall prepare, communicate and maintain successive nationally determined contributions that it intends to achieve. Parties shall pursue domestic mitigation measures, with the aim of achieving the objectives of such contributions”.
- Guiding principles: progression and highest ambition possible in mitigation
- May also include adaptation component
- Mandatory NDC cycle: communication of successive NDCs (Art. 4.2) every 5 years (Art. 4.9)
- LT-LEDS guiding the successive NDCs of countries in the direction of climate neutrality

What to include in the LT-LEDS? When to submit LT-LEDS?

- There are no prescribed elements/template for LT-LEDS
- Ideally, LT-LEDS should address mitigation and reduction of all GHG gases across all of the sectors of economy, providing justification for the proposed pathway to zero net emissions
- Parties were invited to communicate their long term low emission development strategies (until 2050) in 2020
- This process has been disrupted by the pandemic (no COP.26/CMA.2 in 2020, climate negotiations postponed)
- Nevertheless, countries continue to submit their LT-LEDS to the UNFCCC Secretariat in 2021 (COP.26 in Glasgow planned in November 2021)
- To date (March 2021) 29 long-term strategies have been submitted to the UNFCCC (one of them the EU LTS)

[Communication of long-term strategies | UNFCCC](#)

LT-LEDS' guiding PAMs

- Aligning long-term perspective with climate goals
- ensuring short, medium and long-term coherence of policies and successive NDCs
- demonstrating long-term commitment
- identifying structural and organisational gaps and needs
- estimating costs and direct investment flows
- monitoring and evaluation of policies enabling adjustment of both, overall direction and PAMs (Policies and Measures)
- managing risks
- guiding national discussion, involving stakeholders
- mobilising International support (finance, transfer of technologies, capacity-building)

Summary

- LT-LEDS provide long-term direction to countries successive NDCs
- LT-LEDS demonstrate countries' commitment to climate action
- These are long-term low emissions strategies (focus on mitigation)
- They provide opportunities for low carbon transformation of country's economy and society
- Need to include Just Transition approach in planning transformation, leaving no one behind.
- A good evaluation process as a key component of the LT-LEDS implementation plan, feeding into the corrective mechanism and guiding NDCs planning and implementation process.

Thank you for your
attention!
