



NDC ASPECTS Newsletter #8

The latest NDC enhancement & Global Stocktake research news

Welcome to the new NDC ASPECTS newsletter!

Dear colleagues,

Welcome to the latest news on NDC enhancement and the Global Stocktake, powered by NDC ASPECTS, the EU Horizon 2020 project assessing sectoral perspectives to support the Global Stocktake and subsequent NDCs. In this issue, we outline what an International Climate Club for the Plastic Industry could look like, we present videos summarising our sectoral results, and advertise our COP 28 side events.

Happy reading!

NDC ASPECTS COP 28 side events



Mark your calendars! NDC contributes to the global discussions at COP28 by co-organising two exciting side-events!

December 10, 16:30-17:30 (Dubai time), Spanish pavilion

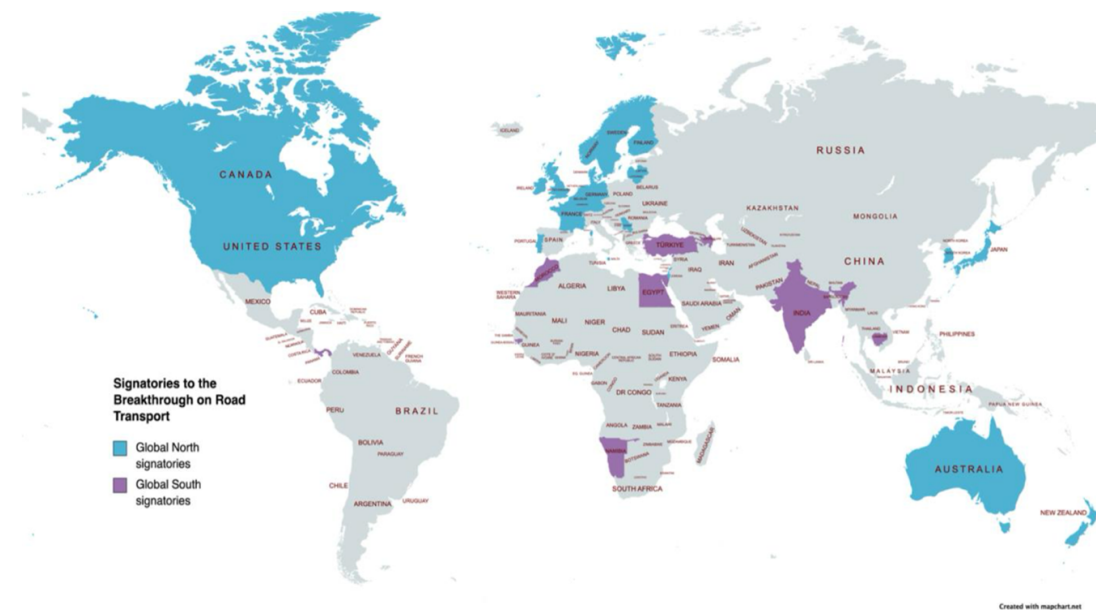
Climate Action in the FOLU sector: challenges for an architecture of support fit for rapid action and higher ambition

December 11, 15:00-16:30 (Dubai time), Side Event Room 3

Just Industry Transition Partnerships – A proposal to link JETPs with sectoral cooperation

Find out more at <https://www.ndc-aspects.eu/news-events/ndc-aspects-cop28>

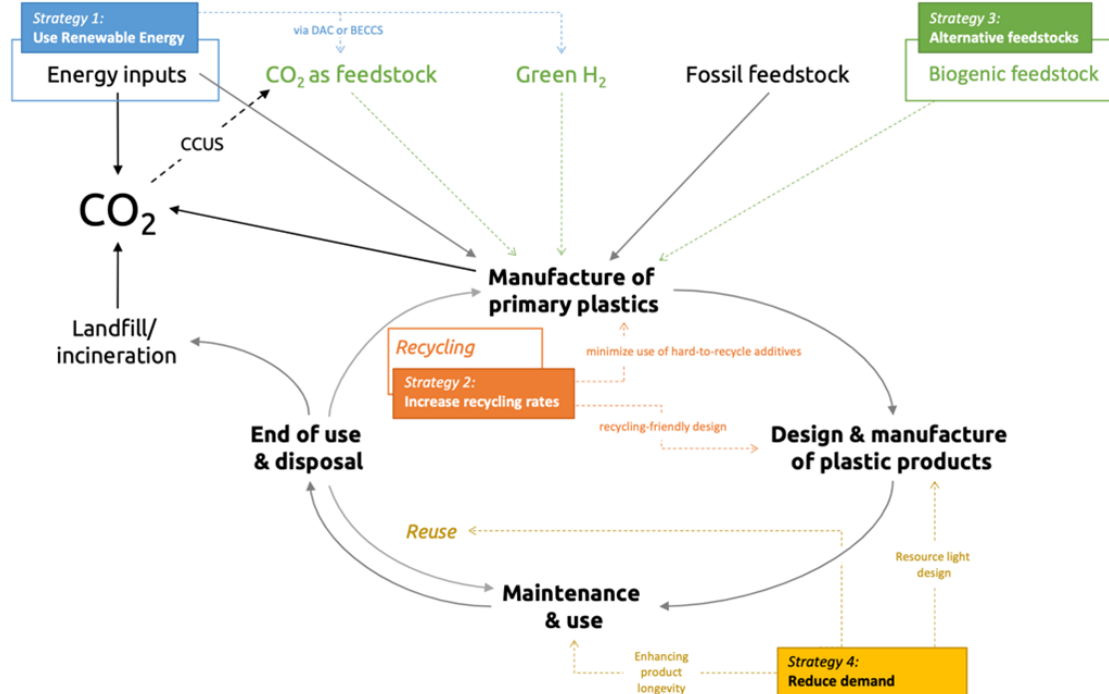
Strengthening the breakthrough on road transport



Setting the road transport sector on a path towards decarbonisation is vital to achieving the long-term temperature goal of the Paris Agreement. The zero-emission vehicle revolution is already underway, as the market continues to rapidly gain steam across the globe. However, while a move in the right direction, an overall breakthrough on road transport suffers from several shortcomings that could inhibit its ability to transform the sector. This policy brief offers six concrete recommendations to drive the sector's transformation towards decarbonisation.

More at: <https://www.ndc-aspects.eu/news-events/new-ndc-aspects-policy-brief-strengthening-breakthrough-road-transport>

Contours of an International Climate Club for the Plastic Industry



In order to achieve the Paris Agreement's objectives, a fundamental transformation of the global plastics industry is required. A recent NDC aspects policy brief outlines four complementary strategies that will be necessary to achieve climate neutrality in the sector and the existing global governance landscape for plastic. Additionally, it examines the creation of an international plastics climate club that could foster climate neutrality in the sector and its relationship with the ongoing negotiations for the plastic pollution treaty.

Download the policy brief [here](#).

Access the detailed policy paper [here](#).

New NDC ASPECTS videos on sectoral results

NDC ASPECTS focuses on four sectoral systems that are highly relevant in terms of the greenhouse gas emissions they produce yet have thus far made only limited progress in decarbonisation: land-based transport and international aviation & shipping, emission-intensive industries, buildings, and agriculture, forestry, and land-use, including their supply by and interaction with the energy conversion sector. A new set of videos now explain each sector's characteristics and the project's main findings: <https://www.ndc-aspects.eu/communication/videos>



NDC ASPECTS - Buildings



NDC ASPECTS - Transportation



NDC ASPECTS - AFOLU



NDC ASPECTS - Industry



Bonn Climate Change Conference 2023



NDC ASPECTS - Sectoral Conversations

Browse the full range of the NDC ASPECTS sectoral analyses' results at <https://ndc-aspects.eu/sectoral-results/> (please refer to the headline "Decarbonisation Challenges and Policy Options").

Results - Energy-Intensive Industries



Energy-intensive industries (EIs) comprise basic materials producing industries such as iron and steel, cement and concrete, basic chemicals, aluminium and non-ferrous metals, glass, ceramics and pulp and paper. In 2019 these industries were responsible for around 17- 20% of global direct greenhouse gas (GHG) emissions (Bashmakov et al., 2022). Staying within a Paris Agreement compatible pathway, however, requires reducing global EI emissions to near zero by mid-century or as soon as possible thereafter. The deep decarbonisation of energy-intensive industries (EIs) is advancing but remains off-track to reach a Paris Agreement-compatible pathway.

Decarbonisation Challenges and Policy Options

Introduction	+
Methodology	+
Mitigation strategies	+
Main decarbonisation barriers and enablers	+

NDC ASPECTS partner projects

You can find out about our notable partner projects here:

<https://www.ndc-aspects.eu/about-project/synergies>



Stay up to date with our activities!

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The NDC ASPECTS project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No [101003866](#).

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