



**NDC ASPECTS Newsletter #9**

## 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 the penultimate issue of this newsletter, we would like to warmly invite you to register for our final conference in 9-10 July in Brussels. We also present four new publications presenting the work of the project on supply-side policies, climate clubs, and the Global Stocktake.

Happy reading!

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### Save the date: Final conference of NDC ASPECTS and 4i-TRACTION

With our project slowly coming to its end in September 2024, we would like to warmly invite you to our final conference, jointly organised with our sibling Horizon 2020 project, **4i-TRACTION**.

The conference will take place on the **9th & 10th July 2024 in Brussels**, while hybrid participation will be also possible. The conference will focus on integrated climate action, with sessions focusing on the EU Climate Investment Plan and Infrastructure Policy, policy integration, actions for hard-to-abate sectors in the EU and internationally, and action taken by other major emitters.

More details about the speakers and the agenda will be provided soon.

[Register here for the conference.](#)

# Managing the transition to net zero: EU climate policy in a global context

## Policy & Research Dialogue Conference

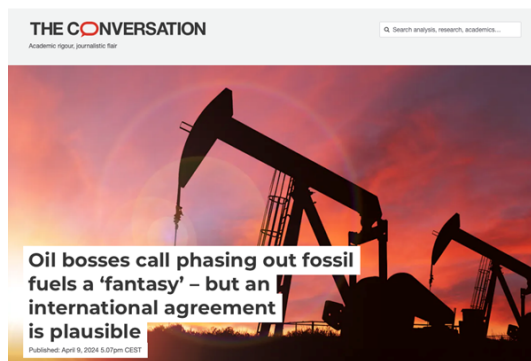
9-10 July 2024, VUB U-residence, Brussels (hybrid)



## The potential of international agreements on phasing out fossil fuels

Amin Nasser, chief executive of the world's largest oil company Saudi Aramco, recently called on nations to "abandon the fantasy" to phase out fossil fuels. However, the latest science on climate change is unequivocal: the world must eliminate fossil fuel-based energy systems – and fast.

A new scientific article by Harro van Asselt, Panagiotis Fragkos, Lauri Peterson, and Kostas Fragkiadakis explores different scenarios of international agreements for limiting fossil fuel production. The article was published as open access in the International Environmental Agreements: Politics, Law and Economics journal and it was promoted as a media article in The Conversation. The study will be also presented at the upcoming webinar of the International Environmental Agreements journal.



Read the scientific article [here](#).

Read the media article [here](#).



Register for the webinar [here](https://bit.ly/suspolwebinar).

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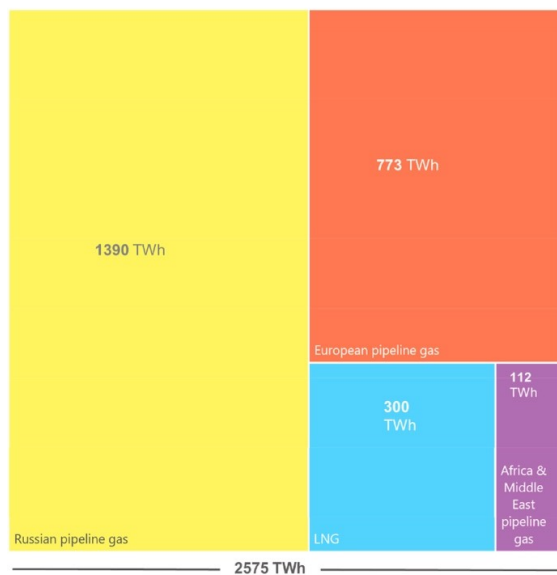
## Quantifying the impacts of replacing Russian natural gas in Europe

Two years after the Russian invasion in Ukraine, the EU energy system have seen significant changes, especially in terms of natural gas supply. While the EU managed to greatly reduce its reliance to Russia, the mix of policies used to limit or diversify gas imports can still have diverse impacts in the European energy system.

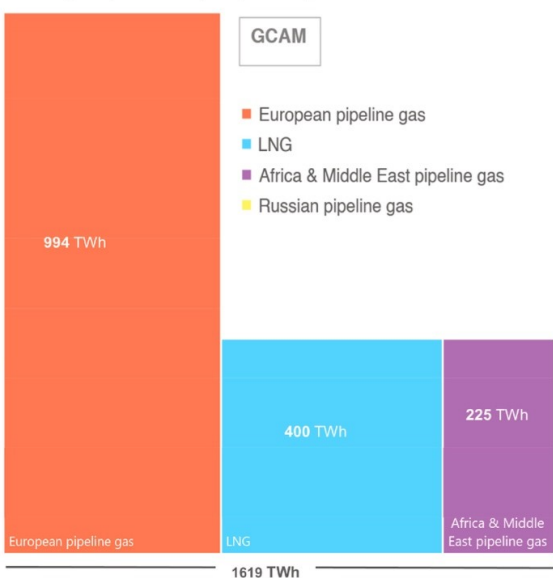
NDC ASPECTS's members Panagiotis Fragkos, Dirk-Jan Van de Ven, Eleftheria Zisarou, and Georgios Xexakis have contributed in a study that explores the synergies and trade-offs among three approaches to living without Russian gas in Europe: (a) replacing with other gas imports, (b) boosting domestic energy production, and (c) reducing demand and accelerating energy efficiency.

Read the full paper here: <https://doi.org/10.1016/j.energy.2024.130254>

Natural gas import sources (2020)

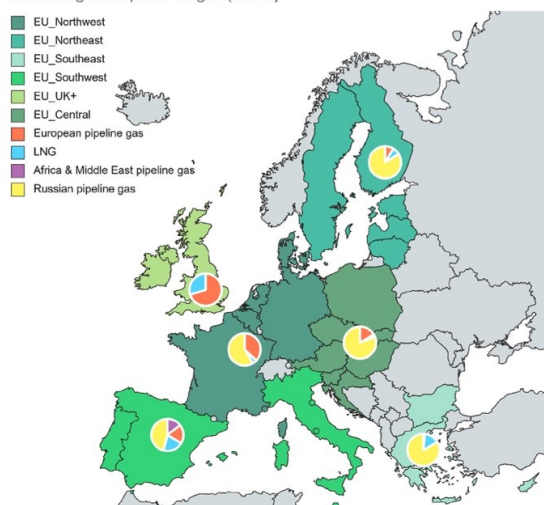


Natural gas import sources (2030) - Gas Imports

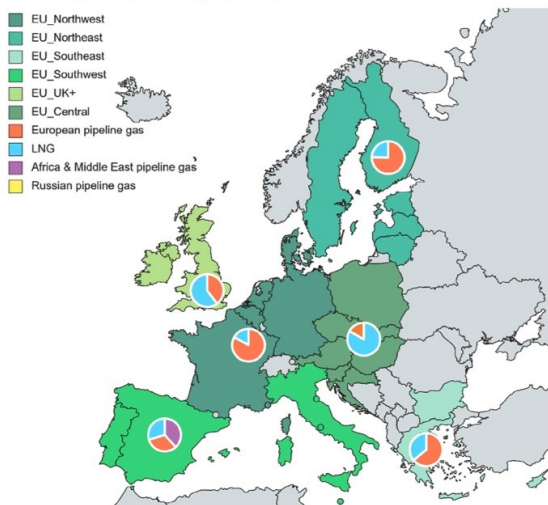


(a)

Natural gas imports origin (2020)



Natural gas imports origin (2030) - Gas Imports scenario



(b)

## The role of climate clubs amidst geopolitical rivalry and protectionism

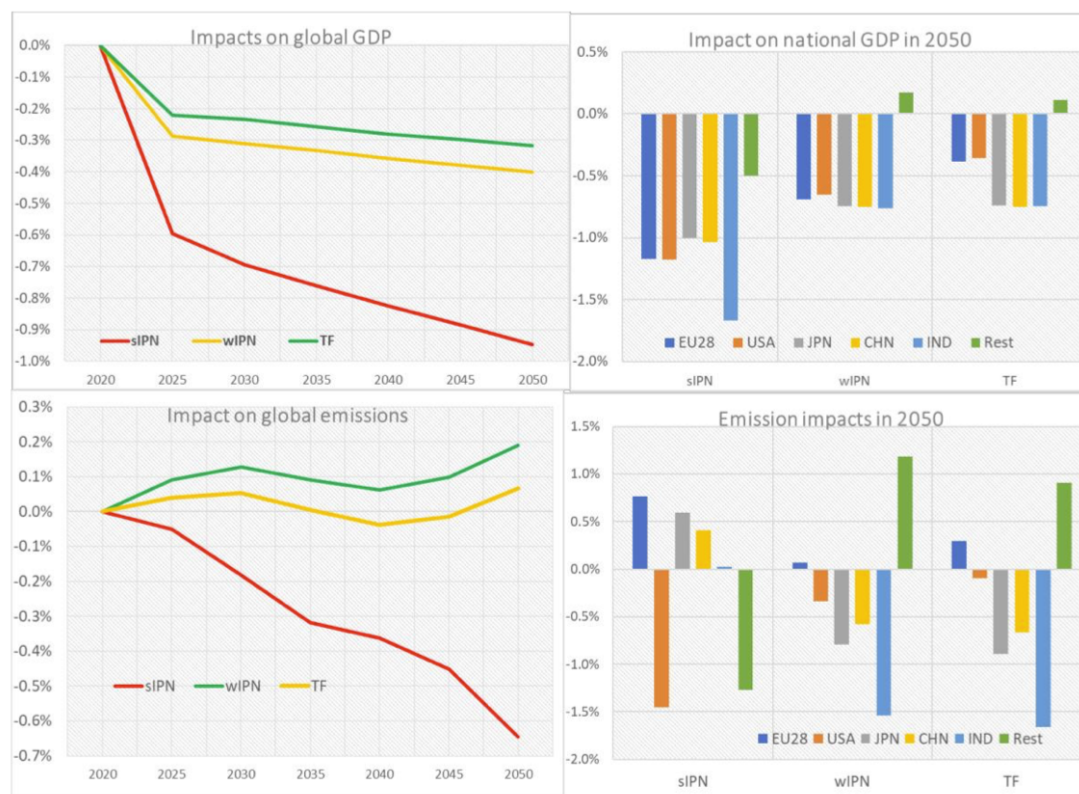
Climate clubs are solutions for climate governance, recently gaining traction with the launch of a Climate Club on industrial decarbonisation in COP 28. But what can these clubs do during the current times of emerging geopolitical rivalry and increasing industrial policy nationalism? Two new studies by NDC ASPECTS explore these topics.

The first study by Catherine Hall aims to analyse different design options of climate clubs through the lens of the principle of common but differentiated responsibilities and respective capabilities (CBDR-RC principle). The second study by Lukas Hermwille, Panagiotis Fragkos, and Kostas Fragkiadakis examined scenarios of strong and weak industrial policy nationalism as well as of transatlantic friend shoring in selected commodities and compares them with the trade status quo to evaluate environmental and economic impacts.

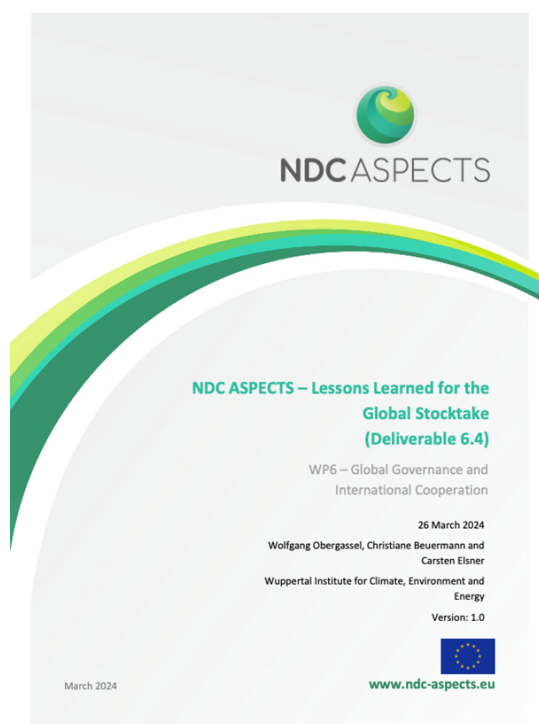
The reports can be found in the links below:

- [D6.3a - Towards Minilateral Climate Governance? Analysing Climate Club Design Options through the lens of CBDR-RC](#)

- **D6.3b - A Race at All Costs? Economic and Environmental Effects of Industrial Policy Nationalism**



## What have we learned from the first Global Stocktake?



The most recent assessment report by the Intergovernmental Panel on Climate Change highlighted the need for “[r]apid and far-reaching transitions across all sectors and systems” in order to achieve the objectives of the Paris Agreement. However, actual efforts by parties are still much weaker than necessary to actually achieve the Paris objectives.

The Global Stocktake was seen as an opportunity to enhance these efforts. A new report by Wolfgang Obergassel, Christiane Beuermann, and Carsten Elsner, examines the Stocktake's potential in promoting sectoral transitions and whether the actual outcome of the Stocktake realised this potential.

Read the report: [https://www.ndc-aspects.eu/sites/default/files/2024-04/NDC%20ASPECTS\\_D6-4\\_Global\\_Stocktake\\_20240326.pdf](https://www.ndc-aspects.eu/sites/default/files/2024-04/NDC%20ASPECTS_D6-4_Global_Stocktake_20240326.pdf)

# 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!

Keep up to date with our activities by visiting our [website](#) and following us on social media!

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