CNBC: IIF sees huge potential for voluntary carbon credits, predicts $100 billion a year market by 2050

"It comes at a time when policymakers and business leaders are under intensifying pressure to deliver on promises made as part of the landmark Paris Agreement ahead of this year’s COP26, due to be held in Glasgow, Scotland in early November."

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Pasztor, Janos; Harrison, Nicholas (2021): Introduction to the Special Issue: ‘Governing Climate-altering Approaches’

"This special issue presents new insights relating to the governance of climate-altering approaches together with possible ways to address knowledge and governance gaps in future."

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Mace, M. J.; Fyson, Claire L.; Schaeffer, Michiel; Hare, William L. (2021): Large-Scale Carbon Dioxide Removal to Meet the 1.5°C Limit: Key Governance Gaps, Challenges and Priority Responses. In Glob Policy 12 (S1), pp. 67–81. DOI: 10.1111/1758-5899.12921.

"This paper considers governance challenges that arise from the need to rely on CDR to meet the Paris Agreement’s long-term temperature goal."

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28.04.2021

# New Publications

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Duan, Hongbo; et al. (2021): Assessing China's efforts to pursue the 1.5°C warming limit
"By conducting a multimodel study, we find that the 1.5°C-consistent goal would require China to reduce its carbon emissions and energy consumption by more than 90 and 39%, respectively, compared with the “no policy” case."

van Soest, Heleen L.; et al. (2021): Net-zero emission targets for major emitting countries consistent with the Paris Agreement.

"Here, we look at national-level neutrality-years based on globally cost-effective 1.5 °C and 2 °C scenarios from integrated assessment models. These results indicate that domestic net zero greenhouse gas and..."
CO₂ emissions in Brazil and the USA are reached a decade earlier than the global average, and in India and Indonesia later than global average.

Read more » van Soest, Heleen L.; et al. (2021): Net-zero emission targets for major emitting countries consistent with the Paris Agreement

The Federal Council of Switzerland (2021): Switzerland's Long-Term Climate Strategy

"Switzerland’s strategy shows how it can attain the goal of net zero greenhouse gas emissions by 2050."

Read more » The Federal Council of Switzerland (2021): Switzerland's Long-Term Climate Strategy
resilience: UNEP: Net-zero pledges provide an ‘opening’ to close growing emissions ‘gap’

"The recent net-zero pledges by major emitting countries and the potential for a “green recovery” from the Covid-19 pandemic “presents the opening” for the world to close the growing “gap” between existing commitments and what is needed to limit global warming to meet the Paris Agreement goals.”

[Read more » resilience: UNEP: Net-zero pledges provide an ‘opening’ to close growing emissions ‘gap’]
Johansson, Daniel J.A.; et al. (2020): The role of negative carbon emissions in reaching the Paris climate targets: The impact of target formulation in integrated assessment models

"Across two Integrated Assessment Models (IAMs), we found that the amount of net-negative emissions – when global net emissions fall below zero – depends to a large extent on how the target is represented, i.e. implemented in the model."

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IRENA (2020): Reaching zero with renewables: Eliminating CO2 emissions from industry and transport in line with the 1.5°C climate goal


"The International Renewable Energy Agency (IRENA) has produced a comprehensive study of deep decarbonisation options, focused on reaching zero into time to fulfil the Paris Agreement and hold the line on rising global temperatures."

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# Political Papers

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Kachi, Aki; et al. (2020): Climate neutrality claims. How to distinguish between climate leadership and greenwashing

"This discussion paper explores a number of climate neutrality targets and what factors are important to consider when trying to gauge their ambition."

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