



UNIVERSITY OF AMSTERDAM

The energy transition through a climate law and governance lens

Future of Energy Seminar series

Institute for Advanced Studies

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12 February 2024

Nations Unies
Conférence sur les Changements Climatiques

COP21/CMP11

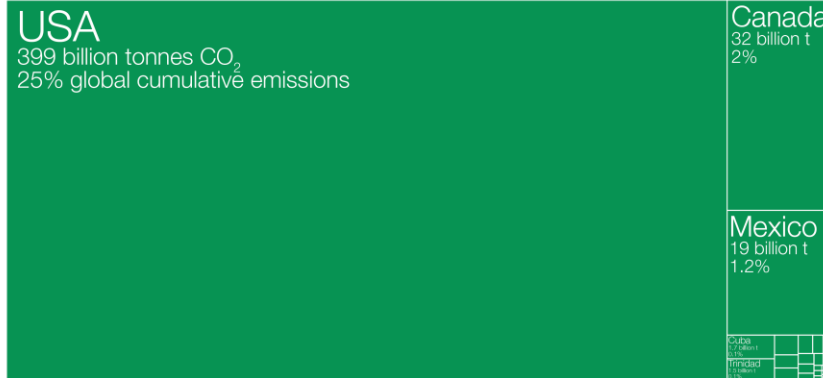
Paris France



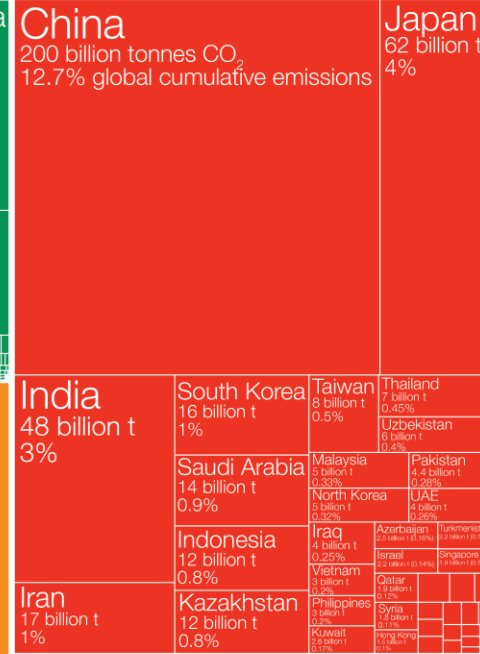
Who has contributed most to global CO₂ emissions?

Cumulative carbon dioxide (CO₂) emissions over the period from 1751 to 2017. Figures are based on production-based emissions which measure CO₂ produced domestically from fossil fuel combustion and cement, and do not correct for emissions embedded in trade (i.e. consumption-based). Emissions from international travel are not included.

North America
457 billion tonnes CO₂
29% global cumulative emissions



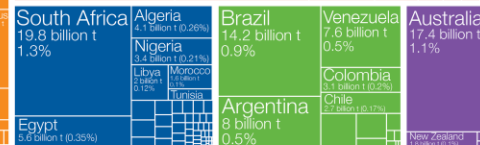
Asia
457 billion tonnes CO₂
29% global cumulative emissions



EU-28
353 billion tonnes CO₂
22% global cumulative emissions



Europe
514 billion tonnes CO₂
33% global cumulative emissions



Africa
43 billion tonnes CO₂
3% global emissions

South America
40 billion tonnes CO₂
3% global emissions

Oceania
20 billion tonnes CO₂
1.2% global emissions

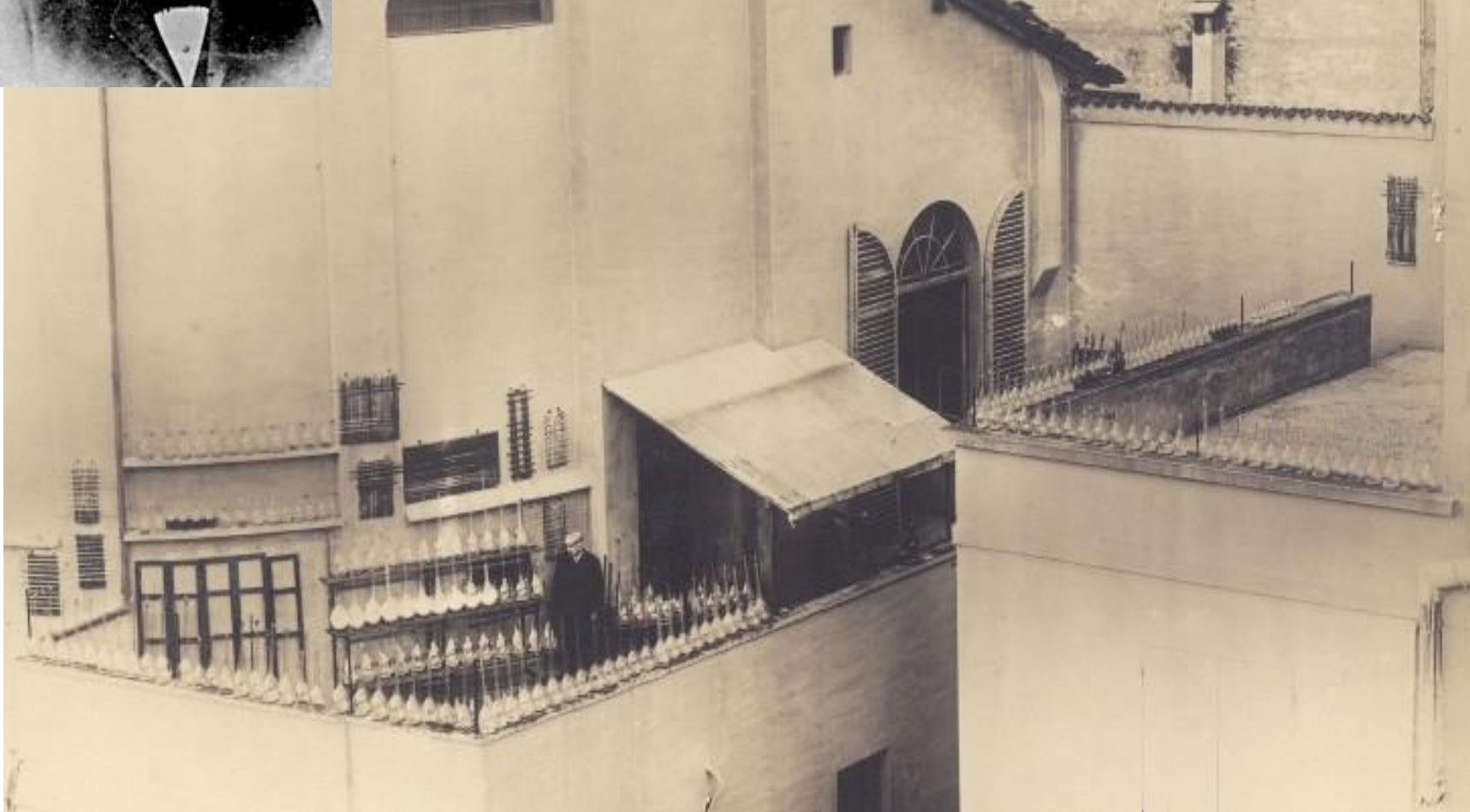
Figures for the 28 countries in the European Union have been grouped as the 'EU-28' since international targets and negotiations are typically set as a collaborative target between EU countries. Values may not sum to 100% due to rounding.

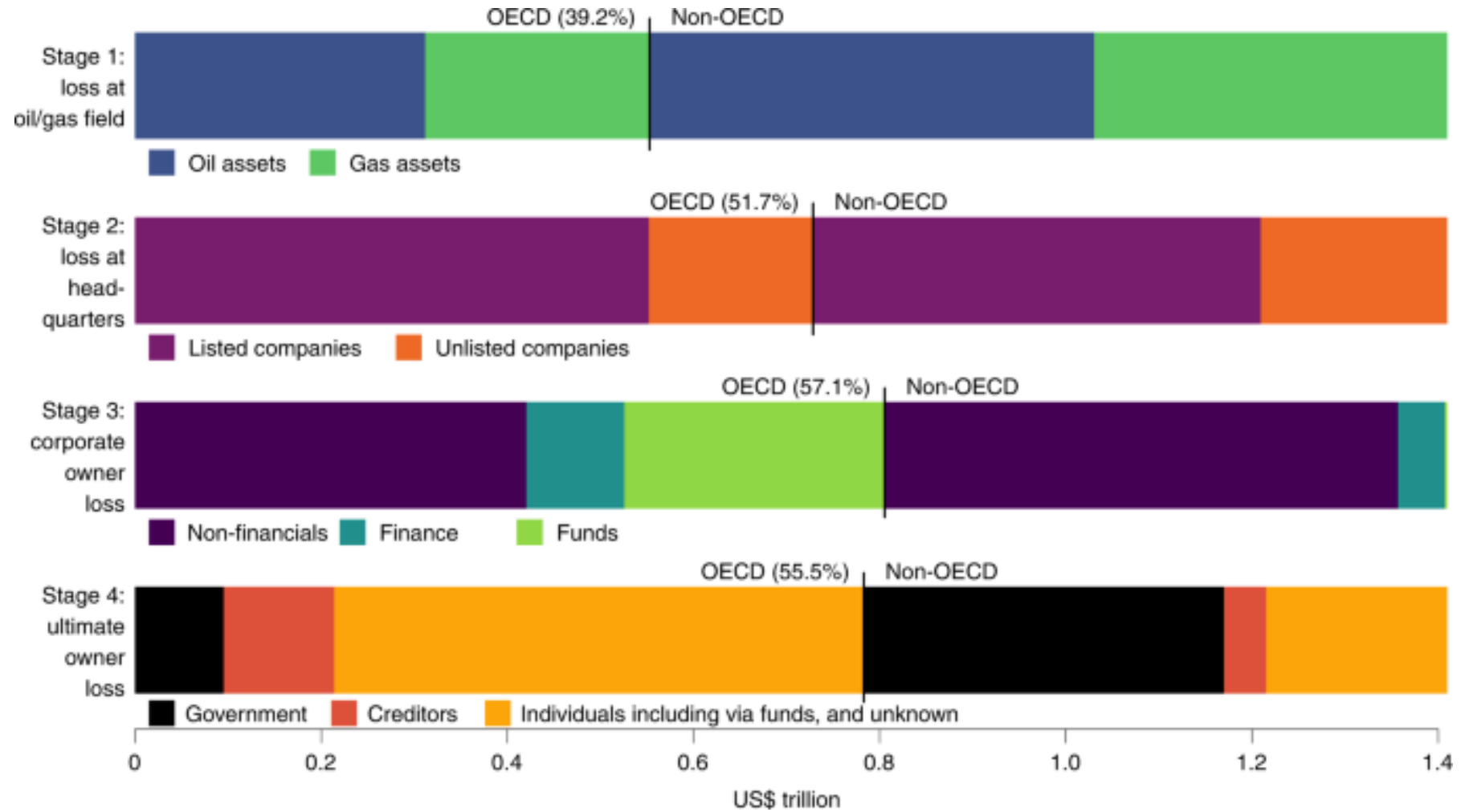
Data source: Calculated by Our World in Data based on data from the Global Carbon Project (GCP) and Carbon Dioxide Analysis Center (CDIAC). This is a visualization from [OurWorldInData.org](https://www.ourworldindata.org), where you find data and research on how the world is changing.

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"...if our black and nervous civilization, based on coal, shall be followed by a quieter civilization based on the utilization of solar energy, that will not be harmful to progress and to human happiness."





Source: Semeniuk et al., Stranded fossil-fuel assets translate to major losses for investors in advanced economies, (2022) 12 Nature Climate Change, 532-538



UK 'embarrassed' into funding Mozambique gas project, court hears

Friends of the Earth cites documents suggesting UK's reputation could suffer if it pulled \$1.15bn of promised support

Campaigners start legal challenge to UK's \$1bn grant to Mozambique gas project

Friends of the Earth seeks judicial review, saying aid deal contradicts climate commitments

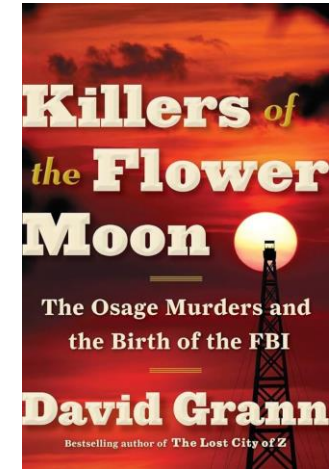
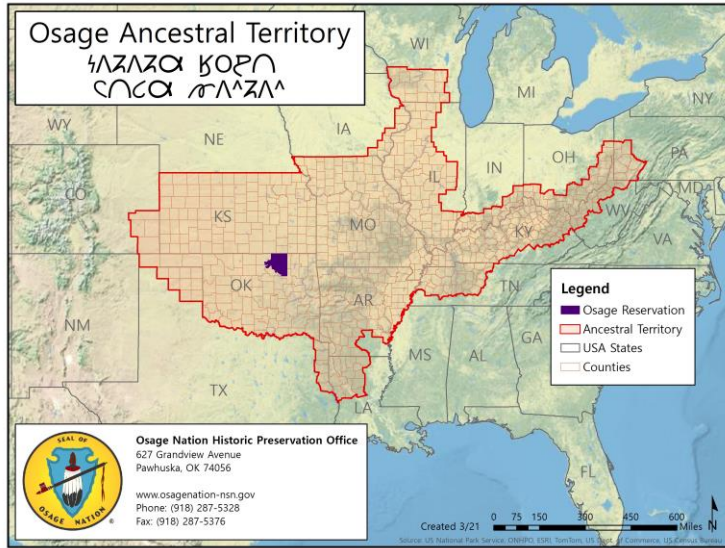
Supreme court rejects appeal application over Mozambique gas project

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PRESS RELEASE

Friends of the Earth urges government to reconsider UK funding

Published: 23 Jun 2023 | 2 minute read



Osage Nation seeks damages from Enel over wind turbines on tribal land

Tribe featured in 'Killers of the Flower Moon' has won an important victory for indigenous rights

U.S. Court Orders Wind Farm Dismantled to Protect Osage Mineral Rights

January 19, 2024 Reading time: 5 minutes

Primary Author: Christopher Bonasia



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Mar 4, 2021

Uniper CEO Mulls Taking Netherlands to Court Over Coal Exit

Vanessa Dezem, Bloomberg News



05 Feb 2021, 13:33 Benjamin Wehrmann

RWE sues Netherlands for two billion euros compensation over the state's 2030 coal exit

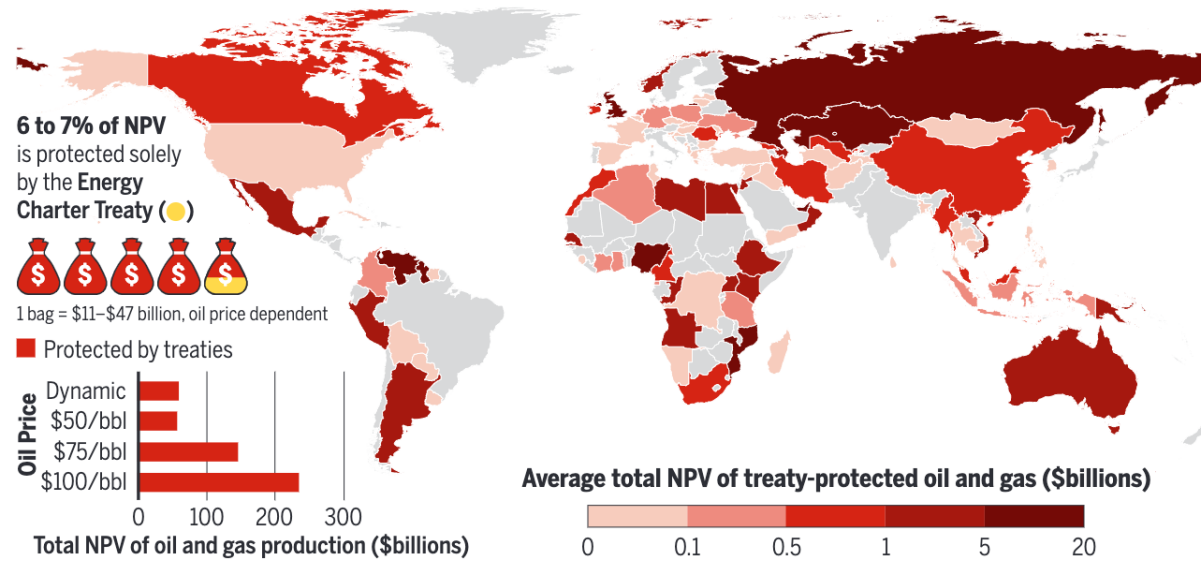
Spain suffers loss in solar power case

05 May 2017

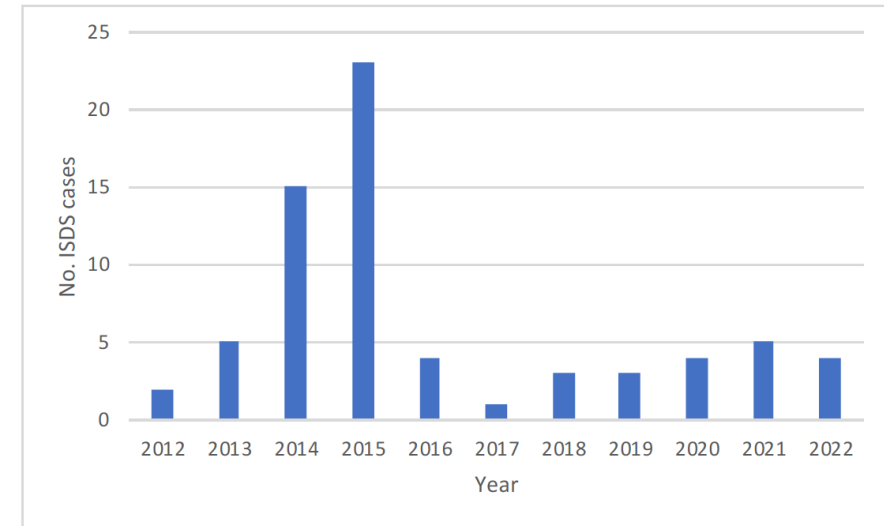
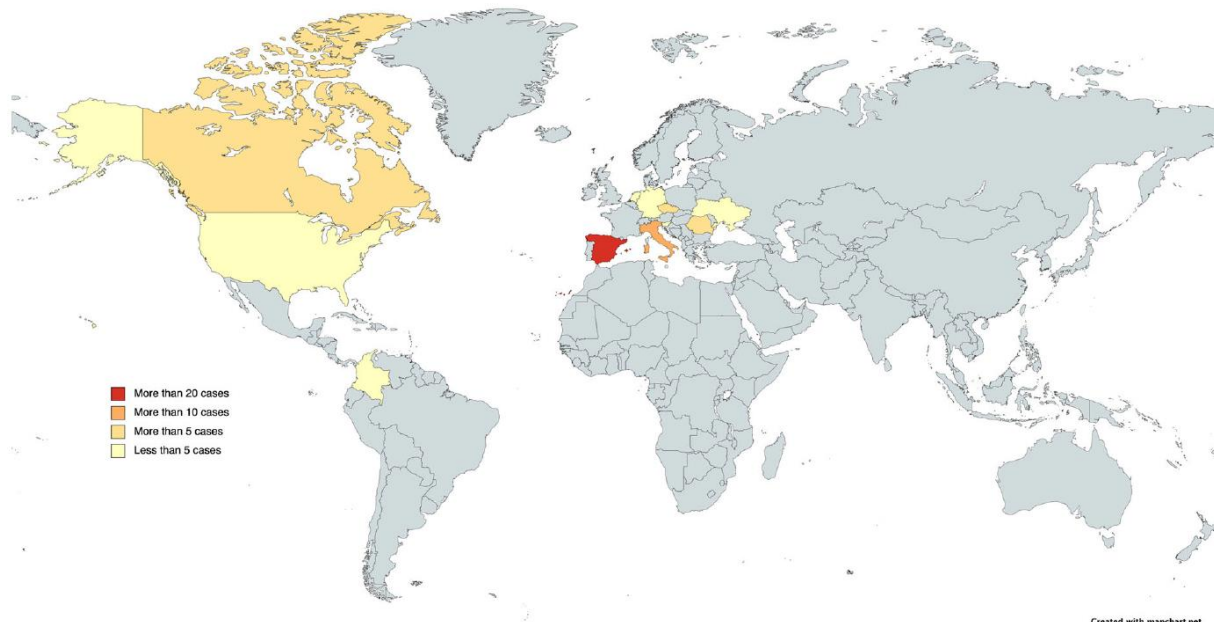
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Photo: Anadolu Agency/Getty Images



Source: Tienhaara et al., Investor-State disputes threaten the global energy transition, (2022) 376:5794 Science, 701-703



Source: Fermeglia, Higham, Silverman-Roati and Setzer, Mapping climate-related investment arbitration, 2024 21(1) Transnational Dispute Management

Thank you!

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