

Tracking Cooperative Initiatives

The Nature & Climate Cooperative Initiatives Databases (N/C-CID)

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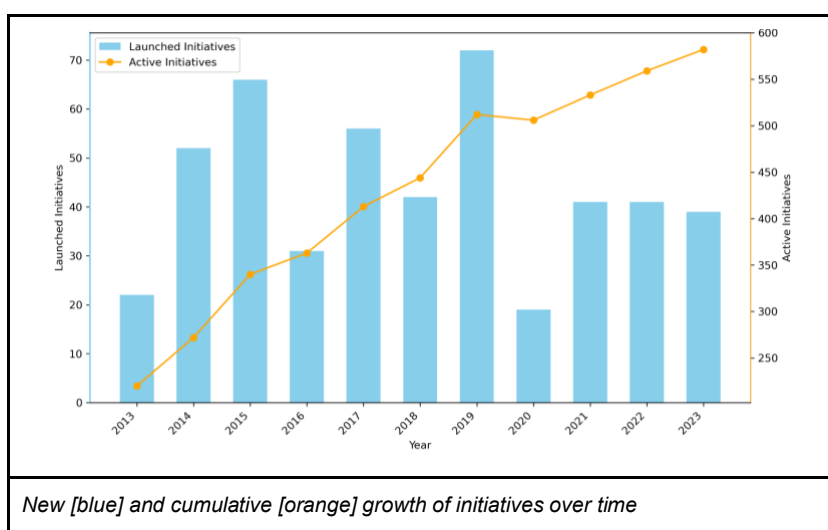


Introduction

Cooperative climate initiatives (CCIs) are arrangements involving two or more actors, including at least one non-state actor (e.g. businesses, investors, civil society) or subnational actor (e.g. cities, regions). CCIs aim to address climate mitigation and/or adaptation, e.g., through nature-based approaches ('nature-based climate actions'). Studies have highlighted significant climate mitigation potential, often exceeding the impact of individual non-state commitments.⁴ Moreover, CCIs can contribute to adaptation, nature protection, and advance sustainable development.⁵ The Nature & Climate Cooperative Initiatives Databases (N/C-CID) aim to bolster integrity, accountability and trust by tracking progress and identifying best practices. N/C-CID can support research and policymaking, facilitating scaling of high-integrity CCIs and optimising resource allocation.

Data

N/C-CID contains more than 70 variables on more than 900 CCIs. Covering policy-types, actors, geographies, functions, and outputs, N/C-CID gives the broadest overview of CCIs worldwide. A Nature-based Cooperative Initiatives Database (N-CID) is being developed as a sub-sample of C-CID, containing 120 nature-based climate actions. Initiatives in N-CID will also include spatial data, to better understand e.g., the context in which they emerge and their local outcomes and impacts for climate, nature and people.



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⁴ E.g. Kuramochi et al. 2024; Lui et al. 2020; NewClimate Institute et al. 2019

⁵ E.g. Chan et al. 2022; 2018; Chan and Amling 2019; Dzebo 2019

Sample N/C-CID variables

Policy focus and goal setting: do initiatives focus on climate change mitigation, adaptation, or both; what types of goals and targets do they set; what actors do they seek to influence?

SDG and biodiversity Linkages: do initiatives contribute to climate action as well as other Sustainable Development Goals (SDGs) and Global Biodiversity Framework goals (GBF)?

Participants: who are involved in initiatives; in what capacity; and from which country?

Implementation: in which countries do initiatives implement or plan to implement?

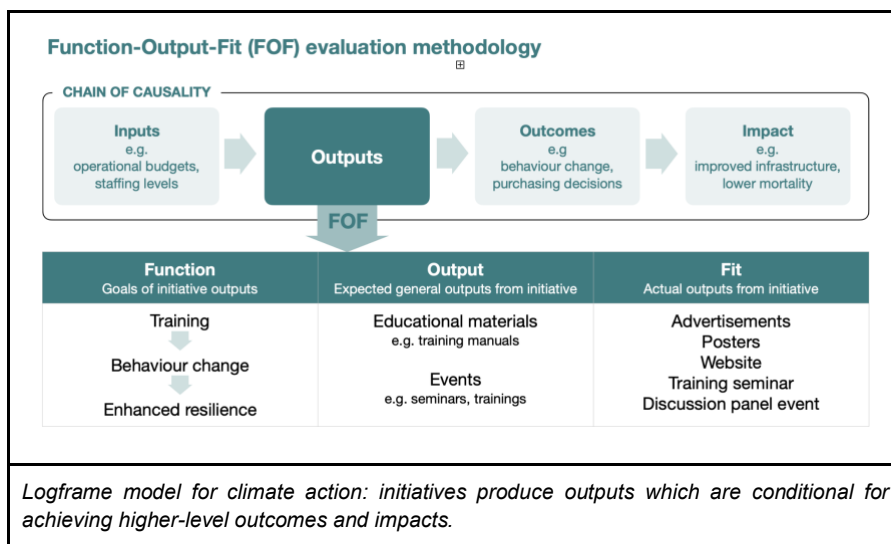
Governance: how are initiatives governed; what are the compositions of governing and advisory bodies; what commitments are expected from the initiatives' members? *(New in the 2024 update)*

Net-zero linkages: Do initiatives set net-zero goals and targets; do they promote or restrict the use or generation of carbon credits? *(New in the 2024 update)*

Effectiveness: Are initiatives productive; what outputs do they produce and where; are they likely to achieve their goals?

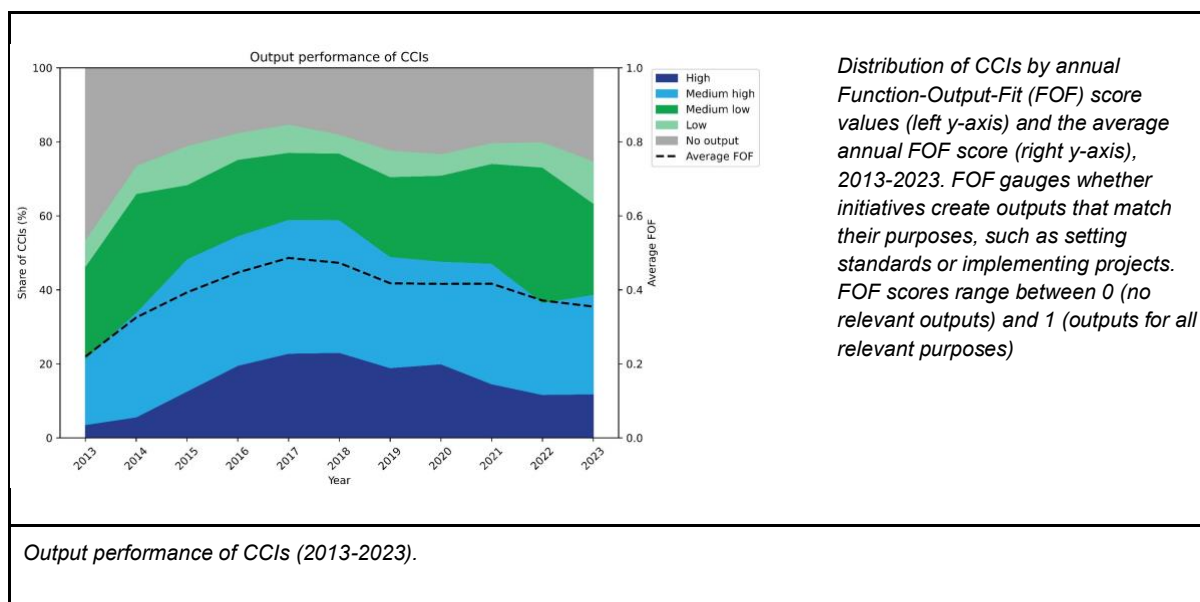
Understanding the effectiveness of CCIs

One of the unique characteristics of N/C-CID is that it features data on initiatives' annual performance (2013-2024). To indicate performance, a logframe model⁶ is employed to assess the extent to which initiatives' functions are matched by relevant outputs.



While output performance does not guarantee desired behavioural change or environmental and societal impacts, CCIs that consistently deliver relevant outputs are more likely to achieve such outcomes and impacts over time.

⁶ Chan et al., 2018; Pattberg et al., 2012



Collaborative efforts

The N/C-CID team envisages to align data collection on cooperative initiatives with other efforts to enhance transparency and accountability of CCIs, e.g. through UNFCCC's Global Climate Action Portal and CBD's Action Agenda, with the aim to maximise interoperability and accessibility through the sharing of data, knowledge, and methods.

Further development

The 2025 version of the N/C-CID will be available online as an open-access resource under a Creative Commons licence. A beta version of the N/C-CID, featuring selected data, is accessible through Radboud University's Global Data Lab: <https://globaldatalab.org/c-cid/>

Learn more & links

Suggested citation:

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C-CID online (beta), link:
<https://globaldatalab.org/c-cid/about/>

Acknowledgements

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Sources and recommended readings

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