

THE GLOBAL STOCKTAKE

CLIMATE DATATHON

PROMPT OWNER

Radboud University; German Development Institute

PROMPT TOPIC

Actor analysis

PROMPT DATASET

The Additionality of Non-state Participation in International Cooperative Initiatives

Description of C-CID database:

Cooperative climate initiatives are collaborative arrangements between two or more actors that include at least one 'non-state actor' (business, investor, civil society organisation, or faith-based organisation) or one 'subnational actor' (municipality, local community, or regional government) with the objective of addressing climate mitigation or climate adaptation. The focus on cooperative climate initiatives is particularly interesting in the light of recent studies that estimate their climate mitigation potential as considerably higher than individual initiatives and commitments by non-state and subnational actors. Climate initiatives focus on benefits to mitigation, adaptation, or a mix of both. They play an important role alongside governments in furthering Sustainable Development Goals (SDGs), climate goals, and building capacity and resilience against climate change impacts.

The Climate Cooperative Initiatives Database (C-CID) maintains data for 70 variables on 600 transnational cooperative initiatives (TCIs) involving non-state actors. Through the aggregation of policy-types, actors, themes, geographies, functions, and outputs, it illustrates a global landscape of climate action.

For this hackathon we have limited the scope of data to focus on actor data specifically in climate change mitigation -- to better understand trends and patterns of participation by non-state actors and whether instances of participation are additional in terms of contributing to more and more ambitious climate action.

MAIN PROMPT QUESTION/CHALLENGE

Questions for Hackers:

- We see a high number of instances of participation by a multiplicity of actors. However, we have not yet determined to what extent these instances overlap -- for instance one actor taking part in multiple ICI's. Can we visualize (e.g. through SNA):
 - How many actors relate to multiple initiatives;
 - Whether there are trends and patterns in e.g. collaborations between certain actors or types of actors?
 - Does this actor data connect to other data (e.g. in NAZCA/CIP/Net-Zero Tracker) - If actors participate in multiple initiatives and/or make individual mitigation commitments, to what extent are these additional OR are actors repeating the same type of commitments and targets across multiple initiatives and individual commitments? - Are different regions/countries targeted by the same actors across different initiatives/commitments?

Scope (types of ICI included):

- Climate focus: Mitigation & Mixed (mitigation + adaptation)
- Registered on [UNFCCC GCAP](#)

Variable	Description
nycw2022.id	unique ID
name	Name of cooperative initiative
website	Main website of initiative
UNFCCC_GCAP	Link to initiative page on UNFCCC Global Climate Action Portal
description	Initiative description (Generally taken from first page or 'About' section)
climate_policy_focus	Whether the initiative focuses on the direct/ indirect reduction of emissions, "mainly mitigation", or a mix of mitigation and the direct/ indirect management of the effects of climate change
thematic area	Thematic areas based on the Marrakech Partnership Action Agenda themes
year_launch	Launch year of initiative
Leaders	Actors who have founded or lead the initiative; [ActorName]_ActorType_ActorLocationISO
Participant_0	Comma-delimited actors who participate in the initiative; [ActorName1]_ActorType1_ActorLocationISO1, [ActorName2]_ActorType2_ActorLocationISO2, [ActorName3]_ActorType3_ActorLocationISO3
Participant_(1-8)	Additional columns list initiatives with higher volumes of actors

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Data description

- These variables are comma-delimited: climate policy, thematic area, and Actors
- Actors contain three type of data
- Name
- Actor Type; e.g. bus == businesses, inv == investors (descriptions are on another tab)

- Actor Location: this is a country ISO, can == Canada (ISOs are on another tab)
- Actors are separated into initiative Leaders and initiative Participants...they can be kept separate or combined for analysis

Data treatment

- Standardize actor names: multiple coders may have coded actors differently; [IBM]_bus_usa versus [IBM Inc.]_bus_int

Outputs

Actor-level dataset

(Network) analysis of actors in different initiatives

Links to actors in other datasets, [Net-Zero Tracker](#), [InfluenceMap](#)