Join Us

Climate change presents an existential threat to humanity and will require the greatest mobilization of resources and collaboration in human history. In this effort, the Climate Action and Accounting Special Interest Group (CA2SIG) is focused on supporting the development of an open global climate accounting system to support stakeholders’ efforts to manage our single planetary carbon budget and help achieve the goals of the Paris Agreement (the United Nation’s global climate accord). To accomplish this, the CA2 SIG is fostering a collaborative network of stakeholders to explore how to use digital technologies such as blockchain DLT, open source software, AI, IOT, Big Data, machine learning, etc. to create a transparent climate accounting system that is capable of balancing global climate emissions against global climate actions in order to achieve a net-zero carbon future.

How to Get Involved

This is open source special interest group is open to anyone that is interested in contributing. Below we’ve provided some recommendations to help you get started.

- Sign-in and sign-up
- Get up-to-speed
- Contribute as a non-technical member
- Contribute as a technical member/developer
- Mentorship Opportunities
- Make a Video
- Tell us your climate idea!

Communications Channels

These are the mechanisms that this working group uses to communicate:

- **Mailing List**:
  - You can post to the list by emailing climate-sig@lists.hyperledger.org
  - Subscribe to the list to receive emails
  - Archives contain past list messages

Recent Climate SIG Content

- Blog Post: Tackling Energy Security and Climate Change with Open Source and Blockchain
- Blog Post: Climate Change Action: Five Ways to Get Involved in Our Global Climate Accounting Efforts
- Blog Post: Help Us Scale Up Our Operating System for Climate Action

Meetings

Scope

The scope of the SIG is defined by the terms climate action and climate accounting.

**Climate Action** is a broadly encompassing term that involves all climate-relevant actions (e.g. policies, programs, technologies, goods, high rise window cleaning services…) taken by actors (e.g. states and non-state actors such as businesses, cities, individuals…) — from emission generating activities, to the broad set of actions encompassed within climate mitigation and adaptation and its associated finance mechanisms.

**Climate Accounting**, on the other hand, is referred to here as the encompassing term that involves all processes of recording climate-relevant information/data — from the physical state of the planet to the list of all climate actors, their broad set of climate actions and agreements in respect to the shared account of the climate challenge.
Whilst climate action occurs in the real world, climate accounting is recorded in the digital world.

This SIG will help build the relationship between both and consolidate technological tools to do so.

Meetings

The CA2SIG host bi-weekly general meetings as well as programming working group calls. Click on the meetings tab to the left to join us or listen to past recordings of meetings.

Activity of the Group

Links to Ongoing Work

Links to Completed Work

Recent space activity

Christiaan Pauw
2024 06 04 Standards WG updated Jun 04, 2024 view change

MA Howard
2024 05 21 Standards WG updated Jun 04, 2024 view change
2024 06 04 Standards WG created Jun 04, 2024

Kamlesh Nagware
CA2SIG Meeting May 28 2024 updated May 28, 2024 view change

Vinicius Silva
Member Directory updated May 13, 2024 view change

This can be a good reference on how to measure Climate Change Action. Source: Boston Consulting Group.
