

# Paris Committee on Capacity-building (PCCB)

## Call for submissions from Parties and non-Party stakeholders:

### *Existing tools and methodologies for implementing capacity-building activities that enable countries to achieve the long-term goals of the Paris Agreement*

#### Background

The PCCB aims to address gaps and needs, both current and emerging, in implementing capacity-building in developing country Parties and further enhance capacity-building efforts.

Current priority areas are:

- a) Enhancing coherence and coordination of capacity-building under the Convention;
- b) Identifying capacity gaps and needs, both current and emerging, and recommending ways to address them;
- c) Promoting awareness-raising, knowledge- and information-sharing and stakeholder engagement.

To learn more about the work of the PCCB, you can access its annual reports and other documents [here](#).

#### Topic for submissions

As part of its continuing efforts to respond to these priorities, the PCCB determined in its 2021-2024 workplan, to make calls for submissions from Parties and non-Party stakeholders on:

*Existing tools and methodologies for implementing capacity-building activities that enable countries to achieve the long-term goals of the Paris Agreement.*

#### Submissions form

We thank you in advance for filling out this template with concise, evidence-based information and for referencing all relevant sources. There are 2 sections in this template:

- *Details about your organization*
- *Guiding questions about implementing NDCs and national development plans in developing countries*

#### How will the inputs be used?

The inputs for implementing capacity-building activities will feed into upcoming deliverables under Activity B.2 of the 2021-2024 PCCB workplan, including a technical session at the 4th Capacity-building Hub in 2022.

#### Further information:

You are welcome to provide any other information that your organization thinks would highlight suggestions made in response to this call for submissions.

Address for submission: [pccb@unfccc.int](mailto:pccb@unfccc.int)

Deadline for submissions: 15 October 2021

Please only fill out sections that are relevant to the work of your organization. Please note that no section is mandatory.

**Organization or entity name:**

Greenhouse gas management institute

**Type of organization:**

Please choose as appropriate:

- |  |   |
|--|---|
| <input type="checkbox"/> Intergovernmental organization                  | <input type="checkbox"/> Development bank / financial institution                               |
| <input type="checkbox"/> UN and affiliated organization                  | <input checked="" type="checkbox"/> Non-governmental organization                               |
| <input type="checkbox"/> International network, coalition, or initiative | <input type="checkbox"/> Research organization  |
| <input type="checkbox"/> Regional network, coalition, or initiative      | <input type="checkbox"/> University/education/training organization                             |
| <input type="checkbox"/> Public sector entity                            | <input type="checkbox"/> Private sector entity  |
| <input type="checkbox"/> Development agency                              | <input type="checkbox"/> Philanthropic organization   |
|  | <input type="checkbox"/> Other (Please specify) <small>Click or tap here to enter text.</small> |

**Organization Location**

City: Click or tap here to enter text.

Country: Click or tap here to enter text.

**Scale of operation:**

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Global   | <input checked="" type="checkbox"/> Regional      |
| <input checked="" type="checkbox"/> Local    | <input checked="" type="checkbox"/> Subregional   |
| <input checked="" type="checkbox"/> National | <input checked="" type="checkbox"/> Transboundary |

**City(ies)/Country(ies) of operation (if appropriate):**

Click or tap here to enter text.

## Existing tools and methodologies for implementing capacity-building activities that enable countries to achieve the long-term goals of the Paris Agreement.

Having the right and necessary tools and methodologies available to efficiently design, implement, and monitor and evaluate meaningful capacity-building interventions is key to making sure that countries successfully implement the Paris Agreement and reach its goals.

The PCCB seeks information on tools and methodologies used in climate-related efforts that aim to strengthen capacities at the individual, institutional or systemic level to meet objectives or perform better, and/or that enhance the sustainability, replicability or scalability of capacity-building projects/efforts. Relevant tools and methodologies also include those supporting the design and monitoring and evaluation of capacity-building efforts.

<b>What are good examples of tools and methodologies used by different actors for implementing capacity-building activities that enable countries to achieve the long-term goals of the Paris Agreement?</b>
SAGE (Sectoral Activity data for Greenhouse gas Emissions calculations) – this is an Activity data collection tool for GHG inventories. The tool is fully compatible with the 2006 IPCC guidelines for national greenhouse gas inventories and was developed to support governments in collecting activity data to ultimately meet the reporting requirements under the Enhanced Transparency Framework of the Paris Agreement. The tool can also be used to support NDCs, Policy assessments, projection work, and mitigation projects at national and sub-national levels.
<b>Which types of tools and methodologies for capacity building have proven to be the most effective and why?</b>
<ul style="list-style-type: none"><li>• SAGE is designed as a platform-independent tool that can be web-based and installed on a cloud or on a secure organizational intranet to maintain data confidentiality</li></ul>
<b>Which (types of) tools and methodologies to support the efficient design, implementation, and monitoring/evaluation of meaningful capacity-building interventions are currently lacking?</b>
<ul style="list-style-type: none"><li>• SAGE has a module-based flexible design that has an administrative block to monitor and maintain its administrative functions, access control, and user group set-up; a configuration block to customize the tool to the country’s national circumstances; and three functional blocks to (1) enter and process the activity data in a form of annual data collections and time-series and transform the data so that it can be entered in the IPCC equations for emission estimations with the data uncertainties calculated and the metadata recorded, (2) fill in data gaps using 2006 IPCC splicing techniques including data forecasts beyond the inventory years, and (3) perform data analyses including data comparisons, ranking, calculating historical trends, and building trends for NDC- and policy-relevant indicators defined by users based on activity data and user-selected socio-economic parameters (e.g., GFP, population, industry output, etc.)</li></ul>
<b>In which thematic area(s) of the Paris Agreement are new tools and methodologies for capacity-building most required in order to achieve the long-term goals of the Paris Agreement?</b>
<ul style="list-style-type: none"><li>• SAGE can be used as a data collection tool for GHG inventories as well as the basis for calculating projections, and mitigation impact quantification. In the simplest terms, SAGE is a dedicated data management system with the GHG inventory database and enabled business intelligence. It allows for inputting data collected from multiple sources and processes it for export to GHG inventory estimation spreadsheets or software that quantifies GHG emissions</li></ul>

and removals. At the outset, it functions as a reliable repository for documenting, storing, processing, conducting quality control, querying GHGI activity data, and performing analytics on the available data sets.

**Useful sources:**

*Please give examples of useful sources relevant to this topic*

*(e.g. webpages and portals, publications, fora, organizations working on this issue)*

- <https://unfccc.int/process-and-meetings/transparency-and-reporting/support-for-developing-countries/ghg-support>
- <https://ghginstitute.org/sage/>

**Open comment:**

*The tool has been developed on request and with support of the UNFCCC secretariat. The SAGE tool will cover all non-AFOLU sectors and, possibly, the agriculture sector. The Energy sector component is now complete; the team is working on developing the IPPU sector component. The Energy sector component is available for testing for the interested parties.*