



## **Call for Expression of Interest: The Africa Climate and Health Data Capacity Accelerator Network (CAN)**

We are excited to announce a 3-month intensive workshop on Data Science for Climate and Health, designed to equip participants with cutting-edge skills and knowledge in this critical field. This workshop will cover advanced data analysis techniques, machine learning applications, and their implications for climate and health projects.

### **Objectives**

This training will be conducted by OpenUp. Participants will take part in a 3 month long training. The program objectives include:

- Capacity support and scaling through modular training and experiential learning.
- Documentation of the capacity and skills support process to draw learnings that will improve each cohort’s outcomes.
- Capacity strengthening and support through a fellowship program.

### **Partner Roles**

The following are the partner roles envisioned for this program:

The Country Partners and Social Impact Organizations	The Training Partner	The Global Partnership
<ul style="list-style-type: none"> <li>● Coordinate political buy-in for the project (trainings and hosting)</li> <li>● Establish and define the use cases for the challenge</li> <li>● Appointment of a project team and contact person</li> <li>● Collaborate in defining the Fellows terms of reference</li> <li>● Providing the right infrastructure for the success of the project e.g Hosting the fellows, providing training spaces with internet e.t.c</li> </ul>	<ul style="list-style-type: none"> <li>● Developing the training schedule</li> <li>● Developing the training content</li> <li>● Management of the training delivery</li> <li>● Interfacing with the host country partners for feedback</li> <li>● Participation in peer exchanges and other events (eg, political, learnings)</li> <li>● Interfacing with the Global Partnership for project tracking/MEL</li> </ul>	<ul style="list-style-type: none"> <li>● Project coordination and financing</li> <li>● Identification of the project partners - private and public sector</li> <li>● Project scoping and documentation</li> <li>● MEL tracking and documentation of the project</li> <li>● Participation in peer exchanges and other events (eg, political, learnings)</li> <li>● In the case of fellows:               <ul style="list-style-type: none"> <li>○ Hiring and managing the fellows contracts</li> <li>○ Managing the fellows</li> </ul> </li> </ul>

<ul style="list-style-type: none"> <li>• Participation in peer exchanges and other events (eg, political, learnings)</li> </ul>	<ul style="list-style-type: none"> <li>• Post project analysis and documentation.</li> </ul>	<ul style="list-style-type: none"> <li>○ Developing, managing and tracking the fellows' work plans</li> </ul>
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### Summary Course Outline

<p>- Data Science</p> <ul style="list-style-type: none"> <li>• Introduction to Data Science tools</li> <li>• Data Quality Control and Manipulation</li> <li>• Data Visualization</li> <li>• Simple Models</li> <li>• Machine Learning Models</li> <li>• Usecase ideation and creation</li> </ul>	<p>- Population Health and Climate Change</p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Population health and Climate Change</li> <li>• Policies &amp; Practices of Mitigation and Adaptation</li> <li>• AI tools for Climate Health Analysis</li> <li>• Communicating Climate Change and Health</li> </ul>
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The tools that will be used during the training include: zoom, canva, slides, etc.

- Training Timeline: February 18th - May 20th 2025.
- Indicative duration of the workshops: 12 weeks - 2 days each week of 2 - 3 hour sessions.
- Commitment to attend the 3 month training and a use case (project) that a fellow can support the institution with.
- Country level engagement and monitoring of any key data partnership and project to which the acquired skills and capacity are being applied.
- *Participants will need access to a stable internet connection.*

### Project features

1. Training and Mentorship on the intersection and use of climate and health data
2. Peer-Peer exchange and learning
3. Monitoring, evaluation and Learning



4. Assessment of you data science skills
5. A fellowship program for institutions

### Target Audience

We are seeking dedicated professionals with the following job titles to participate in this training:

- Data Scientists
- Climate Scientists
- Health Researchers
- Environmental Analysts
- Public Health Officials
- Policy Makers
- Senior statistics office managers from various departments
- Technical project implementation managers and officers

*Each organization can present up to 7 participants for this training.*

### Registration Process:

Interested candidates are invited to submit their expressions of interest through registering below. Please ensure you think carefully about the commitment to the full 3-month duration.

To register in English, [apply here](#).

To register in French, [apply here](#).



## **About The Global Partnership for Sustainable Development Data (The Global Partnership)**

The Global Partnership, hosted at the UN Foundation, is a fast-growing, dynamic international network of more than 700 partners, sharing a vision of a world where the opportunities of the data revolution are available to and for all of humanity, helping to achieve sustainable development. Our members include governments, businesses, civil society, international organizations, academia, foundations, and statistics agencies. Our goal is to drive better decisions and better lives for all by facilitating the production and use of better data, and we do this through strategic partnerships, advocacy, technical assistance and pilot initiatives to support our partners at the global, regional and national levels. Visit [www.data4sdgs.org](http://www.data4sdgs.org).

### **About data.org**

data.org is a platform for partnerships to build the field of data for social impact. data.org works with organizations from all over the world to increase the use of data in order to improve the lives of millions of people. Visit [www.data.org](http://www.data.org).