

Expert Network on Data

Terms of Reference

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A. Objectives of the Expert Network

The objective of the NGFS Expert Network on Data is to **consolidate the NGFS community of statisticians and data scientists, foster a regular dialogue within this community and to publish notes and tools in order to guide this community on climate and nature data-related topics**. This initiative also aims **to provide the NGFS Workstreams and Task-Forces with both directly applicable and state-of-the-art expertise on climate and nature data-related topics**, as well as providing a platform for discussion between NGFS members and the international bodies specializing on data and statistics topics.

B. Relevance to the work of the NGFS

The Expert Network on Data contributes to **raise awareness and build collective capacity on climate and nature data-related topics, to support the NGFS work program**. Given their crosscutting character, keeping up with the evolving area of climate data is indeed key to the work of the NGFS. The Expert Network also contributes to the work of NGFS Members and Observers regarding climate data through **facilitating the dissemination of ideas and good practices**.

The Expert Network has first built on the **experience and achievements of the NGFS Workstream on Bridging the Data Gaps**. In 2022, The Workstream published a [Final report](#) that provided a comprehensive assessment of climate- data gaps and key challenges, with a particular focus on the NGFS Directory. From 2023 to 2024, the Expert Network focused on the development of a second version of this Data Directory, which aims to be a more collaborative tool, and is now waiting for a long-term financing solution. From 2024 to 2026, **the Expert Network on Data has continued to work on these data gaps**, organising a large number of webinars and publishing notes on [Greenhouse Gas Emissions Data](#), [Leveraging physical climate risks data](#) and [Navigating nature-related data](#).

C. Tasks for 2026-2028

1. Develop analytical work on climate and transition data

The Expert Network on Data will continue to develop analytical foundations on climate- and transition-related data, in line with NGFS Strategic Priority 1 (Technical Incubator). This includes advancing work on transition metrics and data, with the aim of delivering practical guidance and best practices to NGFS members through dedicated outputs such as internal notes.

2. Support NGFS scenario development through data expertise

The Expert Network on Data will support the development of NGFS scenarios by providing input on data-related topics to The Workstream on Scenario Design and Analysis. This support will focus in particular on transition-related datasets and will be provided upon request.

3. Strengthen members' capacity on climate and nature-related data

In line with Strategic Priority 3 (Capacity Builder), the Expert Network on Data will enhance members' capabilities to work with climate and nature-related data. This includes continuing the EN Data Webinar Series with internal and external contributors, sharing best practices among members, fostering peer exchanges on technical analysis, and engaging with international data initiatives to support progress in evidence-based analysis.