

# Key challenges in building essential data and analytical tools in the LDCs and potential solutions

**NAP Champions Webinar: Advancing adaptation through NAPs**

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## Outline

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1. Key modalities of the LEG in advancing NAPs
2. Gaps and needs for the LDCs related to NAPs
3. Challenges in building essential data and analytical tools in LDCs
4. Potential solutions



## Key modalities of support (1/2)

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Direct country support: Open NAP initiative, dialogues, etc.

The Open NAP Initiative mobilizes the widest inputs from all interested and available actors and stakeholders to support the LDCs and other interested developing countries in the development of and implementation of their NAP

NAP Technical Working Group

A collaboration between the LEG and various organizations that provide technical advice to countries on NAPs. To advance the work on guidelines, training, Open NAPs, NAP Expos, tracking progress in NAPs, NAP Central, etc.

Technical guidance and support

Engaging the GCF secretariat, the GEF and the AF in LEG meetings and other activities; share info with bilateral agencies and other organizations on the LDC WP; outreach activities; preparing technical and policy papers on various aspects of NAPs and adaptation

CMA/COP/SBI support

Annual progress report on NAPs; Providing channels for Parties to provide information on progress on NAPs; advice on the implementation of NAPs; Paris Agreement related work; etc.



## Key modalities of support (2/2)

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### NAP Expos

Conducting NAP Expos annually as the flagship event to advance adaptation; mobilizing relevant organizations and regional centres and networks to host regional NAP Expos

### NAP Central

Information hub for NAPs; Composed of different platforms that cater to specific purpose such as the event pages, the document repository management, and the interactive blogger sites

### Collaboration with relevant bodies under the Convention

Engage bodies in relevant areas to complement the work of the LEG; Address mandates from the SBI, COP and CMA; enhance synergy and coherence

### Mobilizing others

Engaging and mobilizing: regional centres and networks and relevant organizations to enhance support to LDCs for adaptation; support programmes (e.g. NAP GSPs, NAP GN, NAP-Ag) through the NAP technical working group



- ❑ Effective setup to coordinate technical work and support to countries in the formulation and implementation of NAPs. Some of the important work of the group includes:
- ❑ Completing the integrative supplement and testing it in a few countries as part of the Open NAP case studies
- ❑ Expanding use of the PEG M&E tool for assessing the outcomes of adaptation efforts set out in NAPs, building on the best available science and tools;
- ❑ Compiling and showcasing case studies featuring methodologies and tools used to achieve particular adaptation outputs and outcomes;
- ❑ Compiling information on how the supplements to the technical are being used to inform further development and application of the integrative supplement and promote good practices



### Areas

1. Accessing financial and other support
2. Institutional arrangements and coordination
3. Climate scenarios, science and translation to local context
4. Risk and vulnerability assessment and risk management
5. Access to and use of technology
6. Monitoring, evaluation and learning
7. Linkage with the development agenda
8. Active learning from practice
9. Guiding principles

See details at <https://unfccc.int/node/210550>





## Gaps and needs related to data and analytical tools

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- ❑ Methods and tools for translating climate data and climate change scenarios to the local context
- ❑ Specific methodologies and guidelines that facilitate understanding of the baseline and the progression of vulnerability and risk, which is an important aspect of measuring and assessing progress in reducing vulnerability
- ❑ Application of the latest technologies in climate change adaptation planning and implementation (e.g. big data, artificial intelligence and machine learning)
- ❑ Methodologies and guidelines for applying quantitative and qualitative metrics and indicators when analysing and assessing vulnerabilities, hazards and systems,





## Opportunities for addressing the challenges

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- ❑ How organizations providing support could promote common and open databases that will provide a one-stop shop to all country level risk and vulnerability assessment;
- ❑ How could we develop data infrastructures and promote networking for sharing data, information and knowledge;
- ❑ How can we enhance the capacity of local staff on new and emerging tools and methodologies for risk and vulnerability assessment
- ❑ Adequate and effective access to financial support, including from the GCF, as well as other forms of support is urgently needed for LDCs to develop, access and apply data and analytical tools in adaptation planning.



# United Nations Framework Convention on Climate Change

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