



IUCN – International Union for Conservation of Nature

Pakistan

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The Nature 2030 Programme is IUCN's plan for work towards our vision of a just world that values and The Nature 2030 Programme is IUCN's Plan for Work Towards Our Vision of a Just World that Values and Conserves Nature – Year 2021-24



Climate Change Programme

Biodiversity Programme

Forest Programme

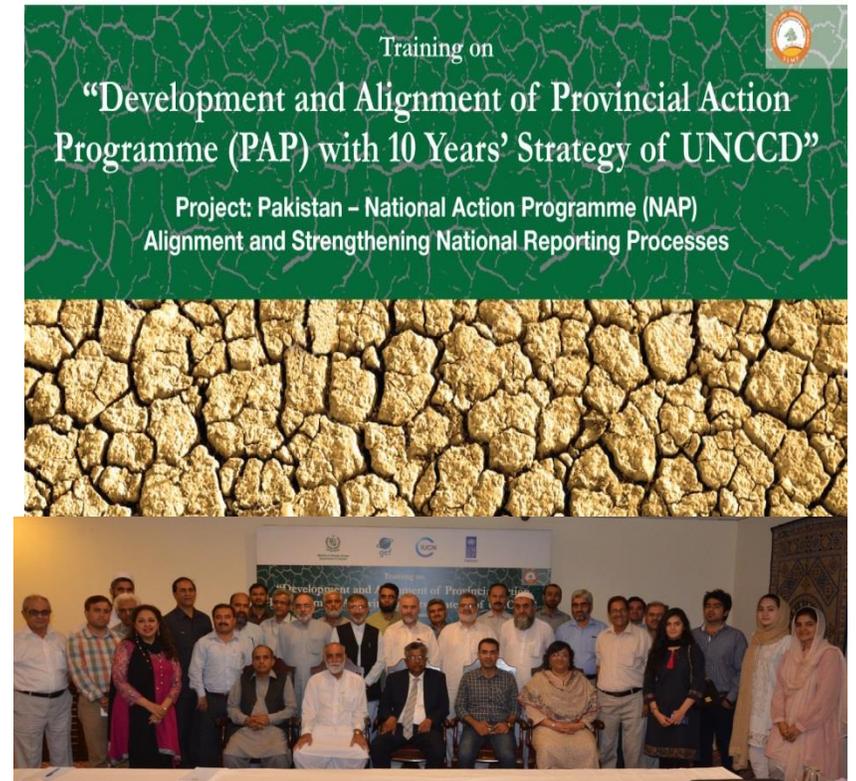
Water Programme

Integrated Coastal Programme

Business and Biodiversity Programme

GEF-UNDP funded National Action Programme - Alignment and Strengthening National Reporting Processes

- IUCN assisted Ministry of Climate Change in developing implementation mechanism - “Pakistan – NAP and strengthen national reporting processes.”
- Focus was to respond directly to UNCCD COP decisions by providing guidance on aligning Pakistan’s NAP with 10-years strategy of UNCCD.
- Work on Provincial Action Programmes (PAP), National Action Programme (NAP) and Financial framework through consultative meetings with relevant stakeholders.



NbS for Rangeland Restoration in Pakistan

Rangeland Restoration

The World Bank financed project:

“Balochistan Integrated Water Resource Management and Development Project” of Government of Balochistan

Improvement of Rangelands and Other Allied Activities in Nari and Porali River Basin

Partners

- Balochistan Forest and Wildlife department
- Irrigation Department
- Local Communities

Locations

- Nari and Porali River Basins, Balochistan

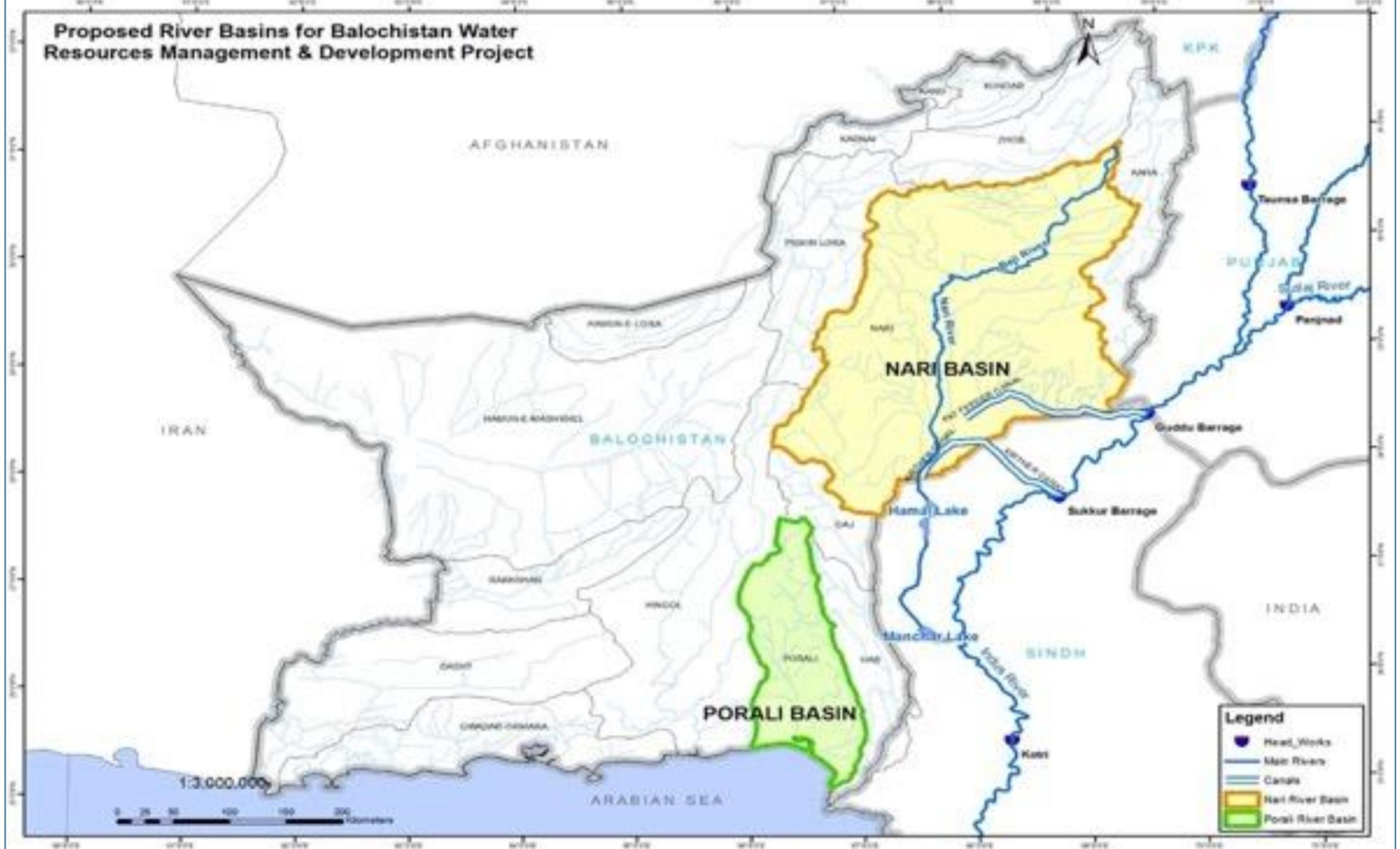
Project Budget

- PKR 103,520,000 (USD 372,440)

Project Duration

- January 2023 – July 2024

Proposed River Basins for Balochistan Water Resources Management & Development Project





Overall Objective

To demonstrate **participatory rangeland rehabilitation and improvement** interventions in the targeted Nari and Porali River Basins

viz: upper catchment area of Harnai, Ziarat, Loralai, Kachi and Sibi in Nari Basin and Khuzdar/ Wadh, Lasbela/ Uthal in Porali Basin with the **participation of local communities.**

Sub-Objectives

1. **Capacity building of local community and farmers** in Rangeland and Watershed Management through provision of trainings and exposure events.
2. To develop the **Rangeland and Watershed Management Plans of Nari and Porali Rivers Basins**.
3. To implement, manage and supervise the **rangeland improvement and rehabilitation interventions** through involving local community in coordination with the Project Teams.
4. **Formation of GIS based Monitoring system through Remote Sensing application** for tracking and monitoring of the proposed rangeland management interventions and other activities of the B2 sub-component under implementation in Nari and Porali River Basin.

Major Activities/ Deliverables



Social mobilization activities and consultation meetings with Balochistan Forest Department and Local Communities.



Rangeland improvement & rehabilitation work for production of **new range reserves** through ploughing, broadcasting of seeds, grasses etc (1000 Acres).



Development of fodder plots to support stall feeding for community livestock (120 Plots).



Construction of watering points (earthen stock water ponds) for livestock (150 structures in process).

Community Consultation Meetings





Fodder Plots

Major Activities/ Deliverables

Plantation through water harvesting techniques (construction of crescent shaped earthen bunds, contour ridges and dikes) includes maintenance and protection through community watchers.

Establishment of **Community Institutions of Grazing (Committees)** for sustainable management and regulation of grazing.

Prepared **community based participatory Grazing Management Plans** for sustainable use and conservation.

Constructed **50 Loose stone Check Dams** to Replenish aquifers, support vegetation cover, control soil erosion.



Small Check Dams

Major Activities/ Deliverables

Preparation of Watershed Management Plans for Nari and Porali River Basins with current condition, challenges, rehab strategies, roles and responsibilities.

Preparation of Rangeland Management Plan for Nari and Porali River Basins with current condition, challenges, rehab strategies, roles and responsibilities.

Capacity Building of Communities on Sustainable Management of Livestock and other Natural Resources (25 community training with 550 participants).

Management Plans

Rangelands Management Plans of Nari and Porali Rivers Basins Balochistan



By: International Union for Conservation of Nature
IUCN
For: **Balochistan Integrated Water Resource Management and Development Project (BIWRMDP)**
Government of Balochistan
Jan, 2024

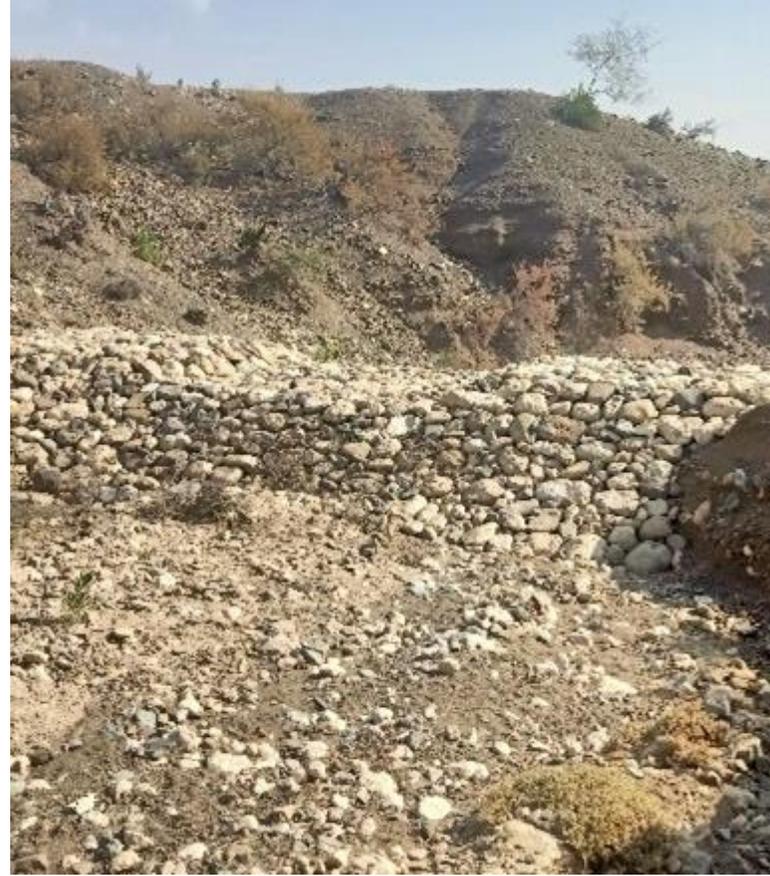
Management Plans of Nari and Porali Rivers Basins Balochistan



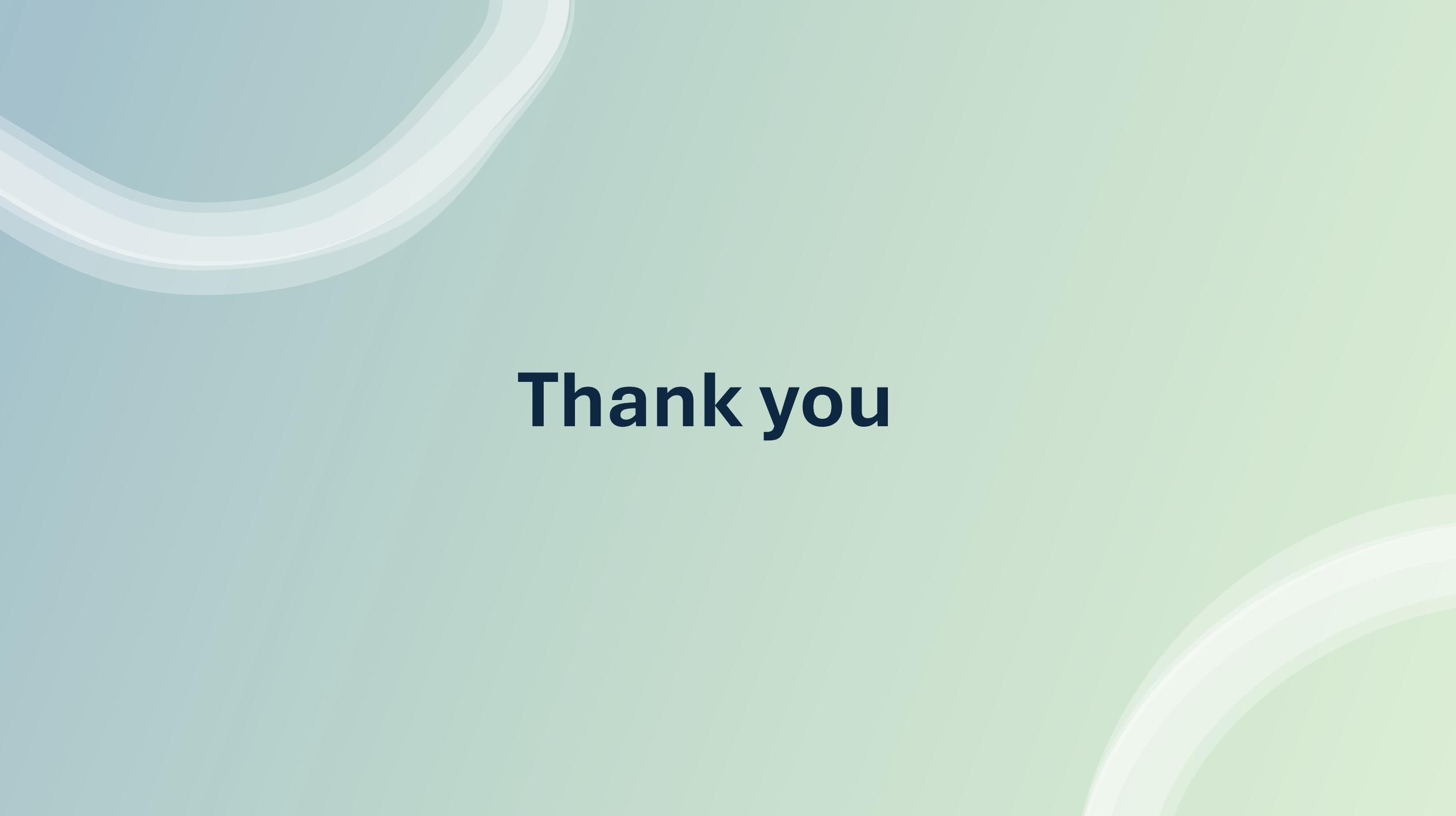
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Capacity Building of Communities





Check Structures



Thank you