

CTCN TECHNICAL ASSISTANCE:

CATALYSING LOW COST GREEN TECHNOLOGIES FOR SUSTAINABLE WATER SERVICE DELIVERY

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Water Services Trust Fund

- Water Services Trust Fund (WSTF) is a State Corporation established under the Water Act, 2002
- **Mandate:**
 - ❖ To assist in financing the provision of water services to areas of Kenya which are without adequate water services

Technical Summary

| Geographical Scope | National |
|--------------------|---|
| Objective | Adaptation |
| Industry Sector | Water |
| Type of Assistance | Technology identification, feasibility, business model, piloting and deployment |
| Duration | 1 year |
| Budget range | \$ 250K |

Problem Statement

- Inadequate, unsafe and unsustainable water services
- Characterized acute water scarcity
 - ❖ Calls for improved access to deserving areas

ARID & SEMI-ARID LAND (ASAL): Northern Kenya



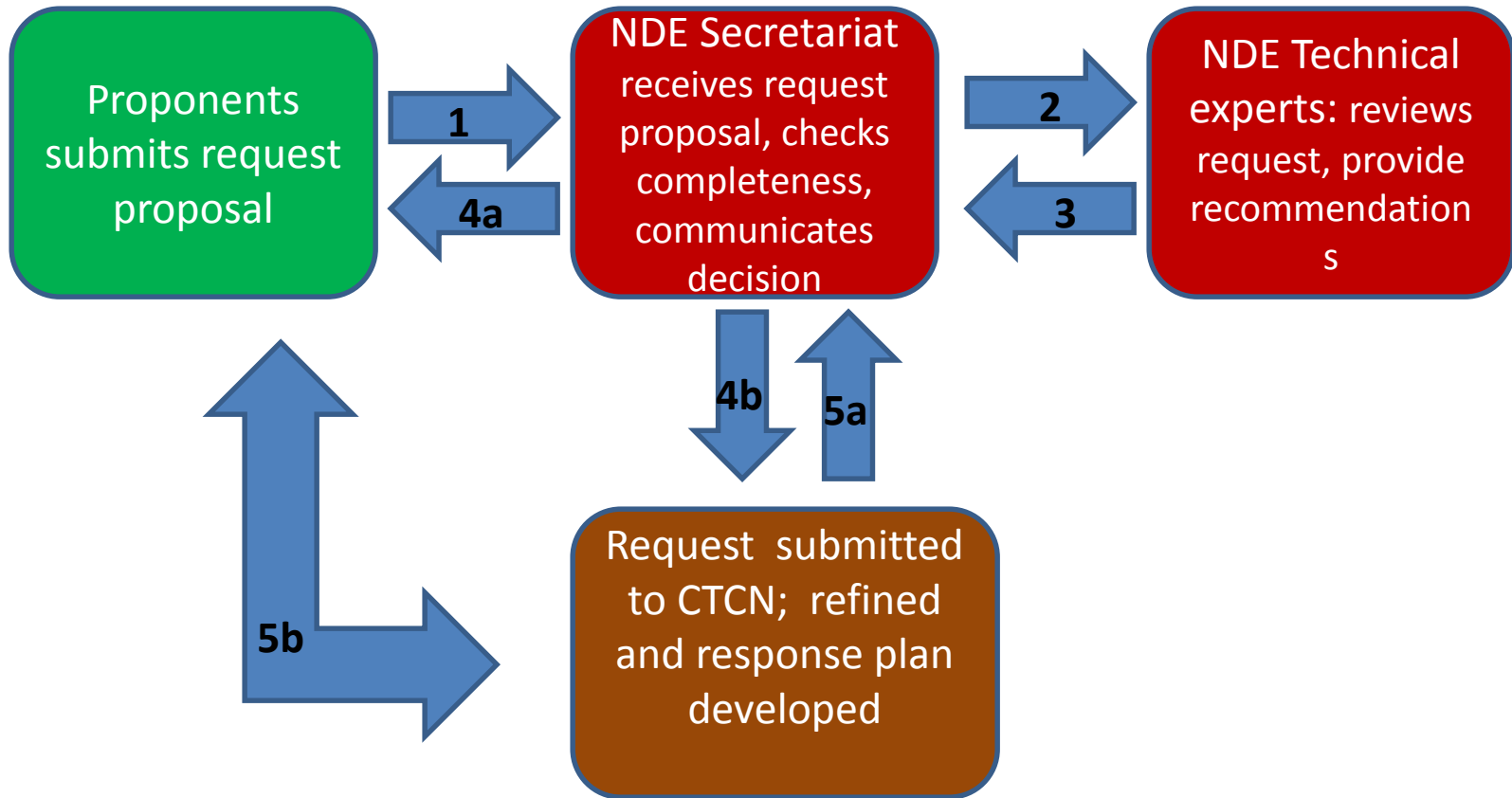
Request Generation

NDE & WSTF Team

- Initial engagement and consultative session.
 - ❖ Discuss request idea.
- Explain and outline CTCN criteria for technical assistance.



Management of the request proposals



Roles of the Technical Experts

- Review and evaluate request proposals submitted by the project proponents.
- Provide recommendations and prioritize the request proposal according to priority sector.
- Provide technical assistance in developing the request proposal.

Pre-selected Technologies

- Solar water pumping system
- Wind powered pumping system or wind mill
- Sand dams (run off water harvesting)



Pre-selected Technologies

- Djabias (semi-underground tanks)
- Water pans (run off water harvesting)



Request Refinement and Response Plan



- Lead planner of the design of the response.

Key objectives of the Assistance:

1. Prioritization of identified technologies green technologies adapted to targeted areas
2. Determine feasibility: technical, social & sustainability
3. Identify private sector actors
4. Develop Public Private Partnership business model
5. Develop concept note for access to future funding

Expected Impact

- Significant impact on sustainable development goals in Kenya, through improved water access to underserved communities.
- Contributes to national priorities and development programmes in the water sector

Implementation Phase

Inception meeting and Consultative session with CTCN Mission Team at WSTF



THANK YOU