GREEN CLIMATE FUND
- HOW THE HUMAN RIGHT TO WATER CAN BE SUPPORTED BY CLIMATE FINANCE

Ania Grobicki - 2 February 2021
A QUICK HISTORY
(as of 13 November 2020)

An operating entity of the UNFCCC financial mechanism fostering a paradigm shift to low-emission and climate-resilient development pathways in developing countries
GCF PROJECTS - GEOGRAPHIC DISTRIBUTION
(as of 13 November 2020)

LDCS, SIDS, Africa (adaptation only)

LDCS, SIDS, Africa
67%

Other
33%

50:50 allocation between mitigation and adaptation
STATUS OF THE PORTFOLIO
(as of 13 November 2020)

159
Approved projects

111
Projects under implementation

4.7b of GCF funding
1.4b disbursed

Under implementation
GCF commitment: 7.2b

$ 4.7 billion

Total: 21.2

7.2
16

VALUE OF PROJECTS
IN BILLION USD

Co-Financing  GCF funding approved

0%  10%  20%  30%  40%  50%  60%  70%  80%  90%  100%
**GCF PROJECTS IN CYCLONE AFFECTED SOUTH-EAST AFRICA**

*Overview of GCF activity in the region*

<table>
<thead>
<tr>
<th>Country</th>
<th>Projects Approved</th>
<th>Concept Notes in Pipeline</th>
<th>Readiness Proposals Approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mozambique</td>
<td>5</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Comoros</td>
<td>2 Project Approved</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Madagascar</td>
<td>5</td>
<td>7</td>
<td>2</td>
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</tbody>
</table>

**Mozambique**
- 5 projects approved
- 7 projects and concept notes in the pipeline
- 3 Readiness proposals approved

**Comoros**
- 2 Project Approved “Strengthening climate resilience of water supply governance and delivery” at B22 (2018); “Ecosystem-based adaptation in the Indian Ocean”
- 3 projects and concept notes in the pipeline
- 1 Readiness proposal approved

**Madagascar**
- 5 projects approved: “Ecosystem-based adaptation in the Indian Ocean”; “Blue Action Fund”; “Sustainable Landscapes”; “Transforming Financial Systems for Climate”; “Climate Investor One”
- 7 projects in the pipeline
- 2 Readiness proposals approved
ENSURING CLIMATE RESILIENT WATER SUPPLY IN THE COMOROS

Strengthening climate resilience of water supply governance and delivery

Project Description & Objective

› **Reinforce** management of climate resilient water supply by *improving* water sector enabling environments for medium- and long-term climate adaptation planning;

› **Protect** water quality and *moderate* extreme high and low water resource flows using enhanced ecosystem based adaptation methods (e.g., through integrated watershed management improvements in 32 watersheds);

› **Diversify** and *improve* water supply sources and infrastructure for approx. 450,000 people (current average water consumption 35 litres/person/day);

› **Build** climate resilient infrastructure to address flood and drought risks in water sector.

› **Climate rationale:**
  › Limited or no proven groundwater resources; many islands (including: Grand Comore, Anjouan, Moheli) reliant on seasonally variable streams.
  › National capacity to adapt to climate risks is extremely limited.

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<table>
<thead>
<tr>
<th>Results area</th>
<th>ESS</th>
<th>Climate Impact</th>
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</thead>
<tbody>
<tr>
<td>1, 2, and 4</td>
<td>Category B</td>
<td>450,000 Direct Beneficiaries (incl: 229,500 women)</td>
</tr>
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<table>
<thead>
<tr>
<th>Sources (USD mil)</th>
<th>Amounts (USD mil)</th>
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<tbody>
<tr>
<td>GCF (Grant)</td>
<td>41.9</td>
</tr>
<tr>
<td>Government of Comoros (Grant + In-kind)</td>
<td>14.4</td>
</tr>
<tr>
<td>UNDP</td>
<td>2.0</td>
</tr>
<tr>
<td>Bilateral donors (FADES, China Geo Eng Corp) – Grant + In-kind</td>
<td>2.1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60.4</strong></td>
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</table>
ENSURING CLIMATE RESILIENT WATER SUPPLY IN THE COMOROS

Project Outputs/Components

Output 1: Water Supply Climate Risk Reduction Planning and Management
• Integrate climate considerations into the New Water Code
• Strengthen decentralized water resource management capacities to undertake climate risk assessments

Output 2: Climate Informed Water Resources and Watershed Monitoring and Risk Forecasting
• Develop climate focused IWRM Committees and Watershed Risk Reduction Action Plans
• Establish water source protection zones to minimize water quality degradation
• Install and operate hydrological water cycle monitoring equipment to understand climate risks
• Integrate hydrological forecasts in organization and community management practices

Output 3: Climate Resilient Water Supply Infrastructure
• Saline up-coning risk & vulnerability assessments of existing groundwater abstraction wells
• Increase resilience of water supply facilities during extreme weather periods
• Install flowmeters to measure improvements in water quantity provision during extreme climate events
ENSURING CLIMATE RESILIENT WATER SUPPLY IN THE COMOROS

Performance against Investment Criteria

1. Impact potential
   HIGH: The project benefits 450,000 (229,500 women) in 3 islands and 100 villages

2. Paradigm shift potential
   HIGH: Project adopts a barrier-removal approach to build the resilience of water supply and address capacity gaps at local and national levels

3. Efficiency & effectiveness
   HIGH: Nationwide water tariff is not yet in place and tariffs affordable to Comorians to allow full capex and O&M recovery

4. Sustainable development
   HIGH: Project targets poor households; improved water supply will have better health outcomes; irrigation water storage; employment opportunities

5. Country ownership
   HIGH: Project is aligned with Comoros NDC and aims to integrate climate change into the New Water Code

6. Recipient needs
   HIGH: Comoros is an LDC, SIDS, and African state with extreme climate variability