**“100 Water & Climate Projects for Africa”**

**Context Description, Targeted Projects and Application Form**

|  |
| --- |
| Title of the incubation project |
| Organization submitting the proposal and partners |
| Location of the incubation project (necessarily in Africa) |
| Description of the incubation project (max. 200 words, related to all or part of the 4 thematic priorities) |
| Budget *(Note: it is not a field project implementation budget but an incubation project budget, necessarily lower; for the record, the average budget for the experimental phase of the GAfWaC incubation platform was €60,000).*  |
| Schedule of implementation of the incubation (duration, deadline) *(Note: it is not a field project implementation schedule but an incubation project schedule, necessarily shorter; for the record, the average timing of the experimental phase of the GAfWaC incubation platform was one year)* |
| Contact (organization, name of representative, phone number and electronic contact) |
| Optional additional information (website)  |

## Context: Need to accelerate the emergence of adaptation projects in Africa

Africa is one of the regions that are most vulnerable to the impacts of climate change. Project leaders propose effective adaptation solutions, both infrastructural and non-infrastructural (capacity and knowledge building, adaptation strategy and action plan, governance and adequate funding). However, they find it difficult to finance them: access to climate funds (Green Climate Fund, Adaptation Fund, specialized funds of bilateral and multilateral development agencies) requires having a good knowledge of the procedure for designing a complex project specific to climate funds. The incubator's ambition is to support projects that cannot be undertaken without initial boost.

One of the commitments made on the occasion of the "One Planet Summit", jointly organized by the World Bank, the United Nations General Secretariat and the Presidency of the French Republic on 12 December 2017 in Paris, is to ensure, from 2018 to 2022, the design of 100 "Water and Climate" projects for Africa within the Incubation Platform of the Global Alliances for Water and Climate (GAfWaC), the Secretariat of which is serviced by the International Network of Basin Organizations (INBO).

## Targeted projects

The "100 Water & Climate Projects for Africa" initiative targets climate change adaptation projects at basin level, involving as much as possible stakeholders from cities and companies and, where applicable, desalination stakeholders, and mobilizing effective adaptation solutions, either infrastructural or non-infrastructural. Special attention will be paid to non-infrastructural solutions (capacity and knowledge building, adaptation strategy and action plan, governance and adequate funding), for which the needs appear to be greater than the resources allocated to them.

* **Priority themes:**

Four themes for structuring projects (see details hereafter in ANNEX 1):

* + Capacity and knowledge building (i.e. hydro-meteorological network, Water Information System -WIS, warning system, hydroclimatic modeling);
	+ Adaptation strategy and action plan (impact / climate vulnerability study, adaptation strategy, flood / drought plan, demand management plan and water supply development, Nature-Based Solutions and other "no-regret" measures);
	+ Governance (legal and institutional framework, training of staff from basin organizations on climate issues, establishment / strengthening of basin committees, association with basin adaptation planning);
	+ Adequate funding (sustainable financing mechanisms in line with the polluter / user pays principles and cost recovery, cost / effectiveness analysis of the planned adaptation actions).

## Incubation objectives for selected projects:

For each selected project, the objectives of the incubation will be:

1. A project sheet that can be presented to donors of climate funds.
2. A list of investments required for adaptation in the identified basin.
3. Proposal of the sheet to a relevant donor of climate funds.
4. Enhancement (event, communication) of the project as a contribution to the realization of the "100 Water & Climate Projects for 'Africa" commitment made during the "One Planet Summit" (12 December 2017, Paris).

**ANNEX. Thematic priorities of the targeted projects and examples of planned actions:**

1. **Reinforce capacity and knowledge building:**
* Development of monitoring networks (e.g. meteorology, climatology, hydrology, water quality and uses, environment and biodiversity,
* Development of Water Information Systems (WIS),
* Development of platform of exchanges on the effects of climate change and water between decision-makers, research organizations on environmental and human sciences (including economics),
* Development of warning systems,
* Development of hydroclimatic modeling tools,
* Building or strengthening of the data interpretation capacities and their translation into appropriate policy responses.
1. **Adapt basin management and planning to climate change:**
* Impact assessment of climate change at basin level,
* Assessment of vulnerability to climate change at basin level,
* Production of climate change adaptation strategy in basins,
* Adoption of basin management plans and action programs,
* Adoption of prevention and action plans for floods and droughts,
* Production and use of performance indicators of basin management and adaptation to climate change in basins,
* Definition of strategy and action plan for water demand control:
	+ Water efficiency programs for agricultural (e.g. selection of resilient crops, changes in agricultural practices, drip irrigation, reuse of treated wastewater), industrial (e.g. closed loop water recycling system, water saving devices and processes) and municipal uses (e.g. water-saving in buildings, rain water or treated wastewater to water green spaces),
	+ Network modernization and leakage control,
	+ Incentive water pricing and consumer-pays principle.
* Production of strategy and action plan for the development of water supply, including:
	+ Reuse of treated wastewater,
	+ Artificial recharge of groundwater,
	+ Rainwater collection,
	+ Water retention measures.
* Development of water-related ecosystem services for adaptation to climate change (Nature-Based Solutions -NBS),
	+ Protection and restoration of wetlands and coastline,
	+ Reopening of the “high-water bed” of the river (floodplain area)
	+ Reforestation.

.

1. **Reinforce governance:**
* Building individual capacities of the staff of basin organizations through the development of training programs and centers (basic and continuing training) on tools for basin adaptation to climate change,
* Strengthening institutional capacities of basin organizations for adaptation to climate change through the sharing of experience and good practices,
* Development of the integration of adaptation policies in the water sector with related sectors (agriculture, energy, transport, tourism, fish farming, etc.) through coordination mechanisms (institutionalized or not),
* Creation and strengthening of basin councils and committees for the development of stakeholders’ participation in basin management, vulnerability assessment, planning and implementation of adaptation measures.
1. **Ensure adequate funding:**
* Development of sustainable financial mechanisms for the implementation of plans and action programs,
* Implementation of the polluter/consumer-pays principles;
* Development of investment programs,
* Cost-effectiveness analysis as decision-making support tool for the selection of adaptation actions,
* Financial support provided by a donor to the above-mentioned actions.