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Innovation for Climate Change Adaptation



World Water Week At Home

25 August, 17:00 CET

SIWI WORLD WATER WEEK @ HOME | Official Session



Urgency for accelerating innovation

In context of increasing climate change impacts & resilient COVID-19 recovery

Paris Agreement Article 10.5:

*"Accelerating, encouraging and enabling innovation is critical for an effective, long-term global response to climate **change** and […] shall be […] supported, including by the Technology Mechanism, […] and the Financial Mechanism."*

Need for innovation also for COVID-19 recovery that is transformative and involves resilience



Webinar Outline

Introduction:
Overview of the Adaptation Fund's Innovation Facility

Panel discussion:
Innovation for Climate Change Adaptation in the Water Sector

Q&A - Pose your questions to panel members and Adaptation Fund

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Speakers' introduction

Innovation for Climate Change Adaptation



Saliha Dobardzic

Senior Climate Change Specialist

Adaptation Fund Board Secretariat



Violeta Leiva Milanca

Technical Secretary & Programme Manager

Agencia Chilena de Cooperación Internacional para el Desarrollo (AGCID), Government of Chile



Chongguang Yu

Investment Appraisal Specialist

United Nations Development Programme



Gitika Goswami

Senior Programme Director for Climate Change Resilience

Development Alternatives

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Mandate of the Adaptation Fund

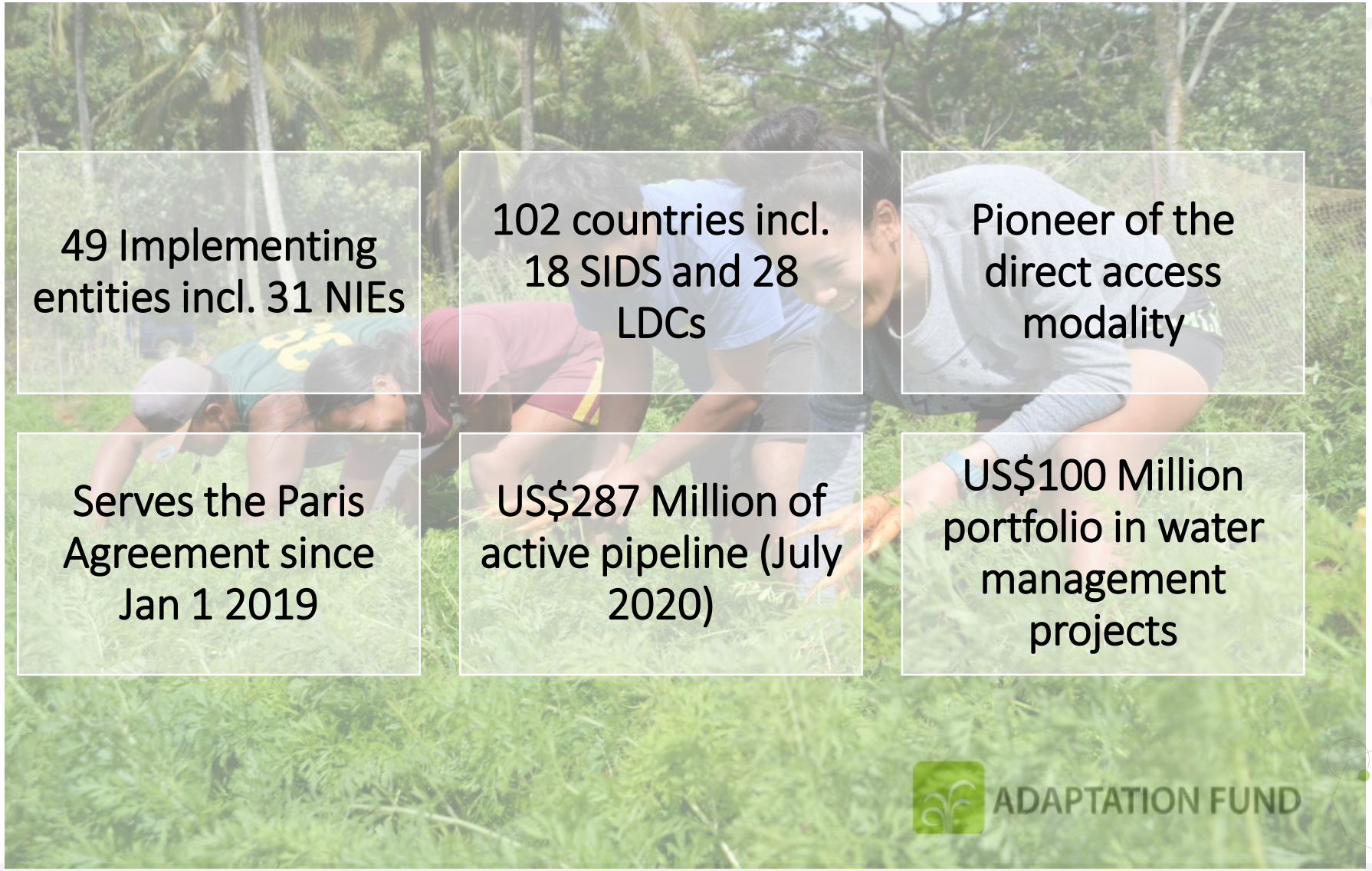
"The Adaptation Fund shall finance concrete adaptation projects and programs" (UNFCCC Marrakech Accords)

"A **concrete adaptation project/programme** is defined as a set of activities aimed at addressing the adverse impacts of and risks posed by climate change. The activities **shall aim at producing visible and tangible results on the ground** by reducing vulnerability and increasing the adaptive capacity of human and natural systems to respond to the impacts of climate change, including climate variability. "



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The Adaptation Fund is delivering impacts on the ground through innovative modalities



105 concrete adaptation projects for total US$745 Million

49 Implementing entities incl. 31 NIEs

102 countries incl. 18 SIDS and 28 LDCs

Pioneer of the direct access modality

9.3 million direct and 18 million indirect beneficiaries

Serves the Paris Agreement since Jan 1 2019

US$287 Million of active pipeline (July 2020)

US$100 Million portfolio in water management projects

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Figures as of July 31st 2020

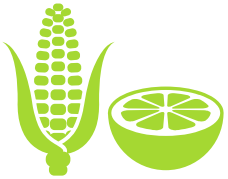
Water Management: One of Adaptation Fund's core sectors with over US$ 100 million invested



- Disaster Risk Reduction 19%



- Food Security 16%



- Agriculture 13%



- Water Management 13%



- Coastal management 7%



- Rural Development 12%



- Multi-sector 11%



- Ecosystem-based adaptation 4%



- Urban Development 4%



- Forests 1%

- ❑ Allocation per region: Africa (40%); Asia Pacific (26%); Latin America and Caribbean (30%) and Eastern Europe (4%)

- ❑ Water security key theme across project sectors

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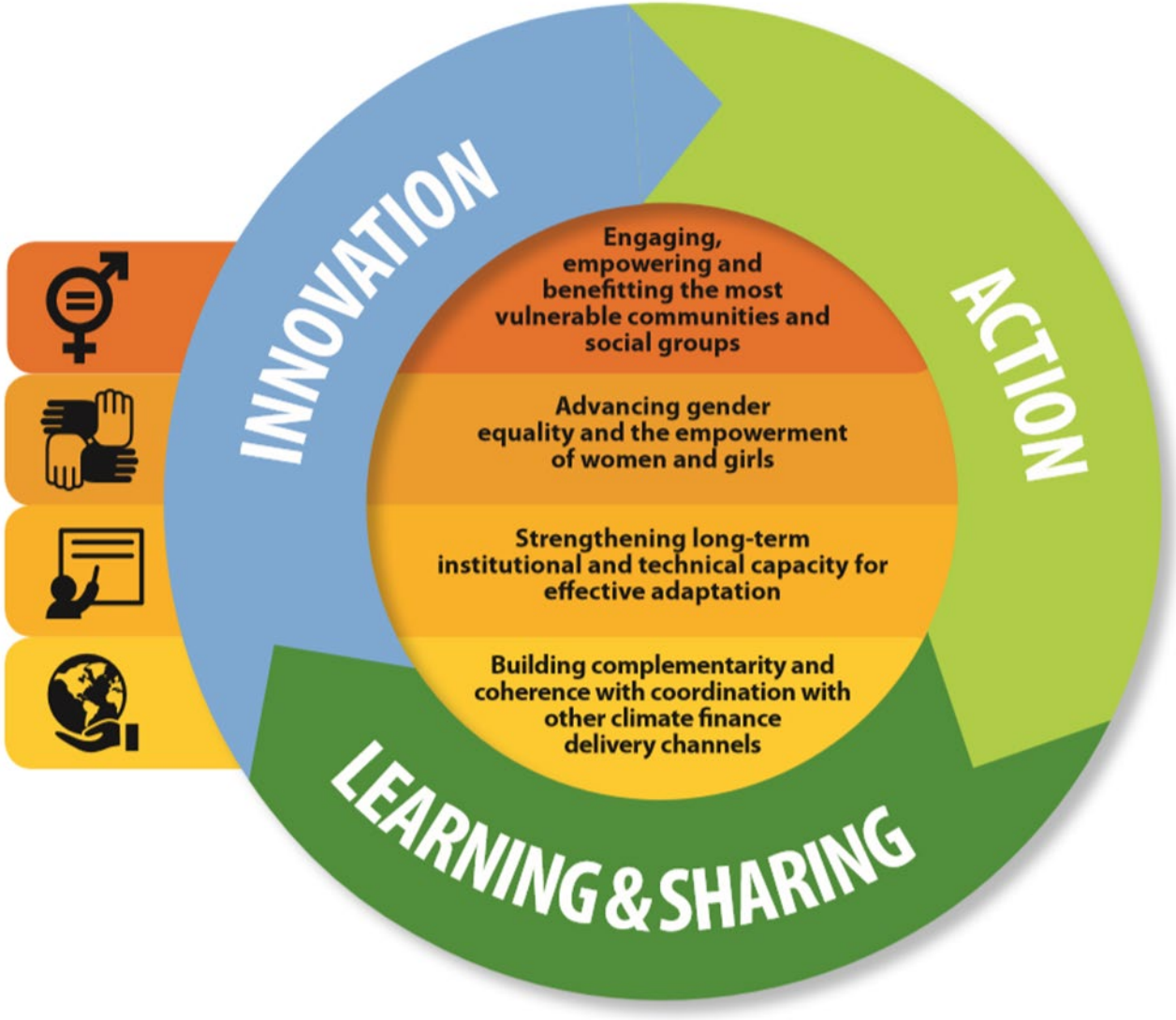
Innovation Facility: Small and Large Grants with the objective to:

a) roll out successful innovations;

b) scale up viable innovations;

c) encourage and accelerate innovations; and

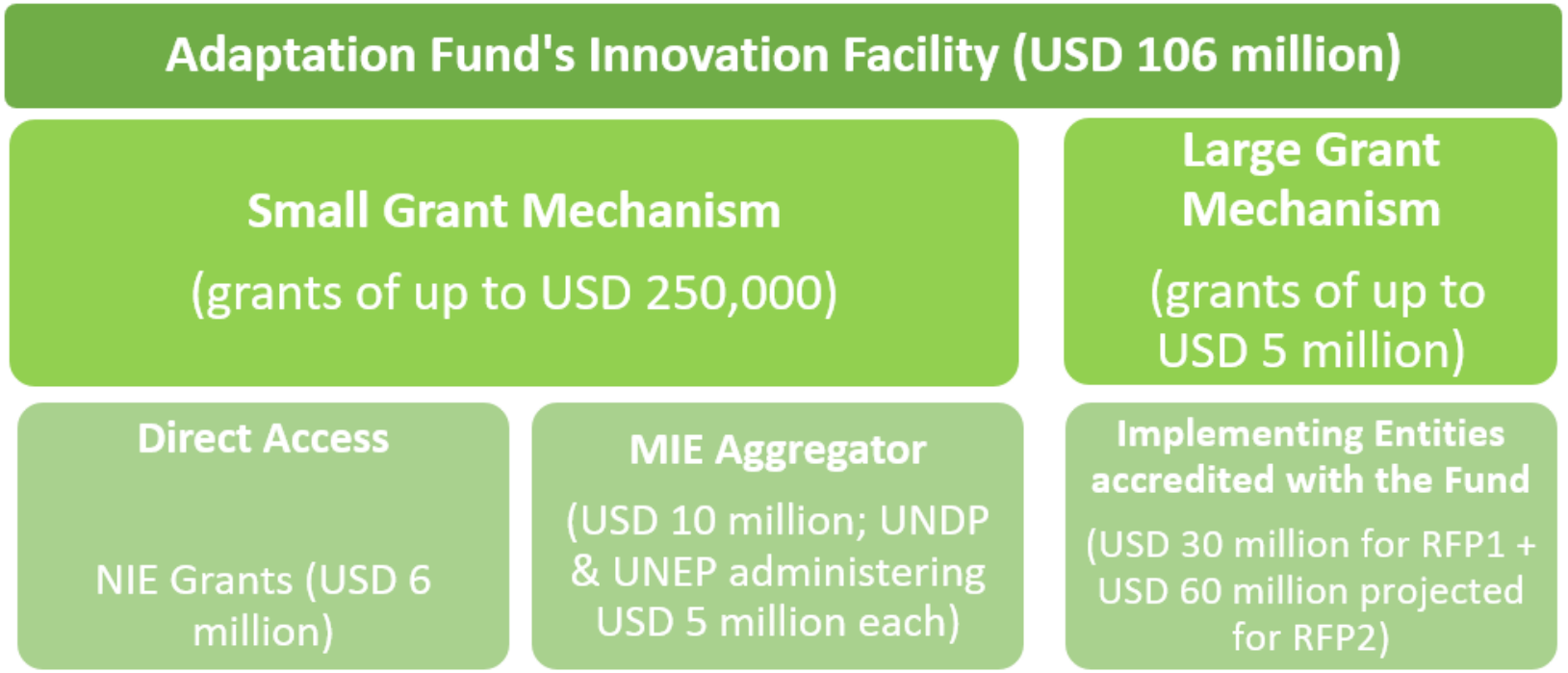
d) generate evidence of effective and efficient innovation in adaptation.



Innovation as a Strategic Focus for Adaptation

The Adaptation Fund's Medium-Term Strategy established the Innovation Facility

Adaptation Fund's Innovation Funding Opportunities



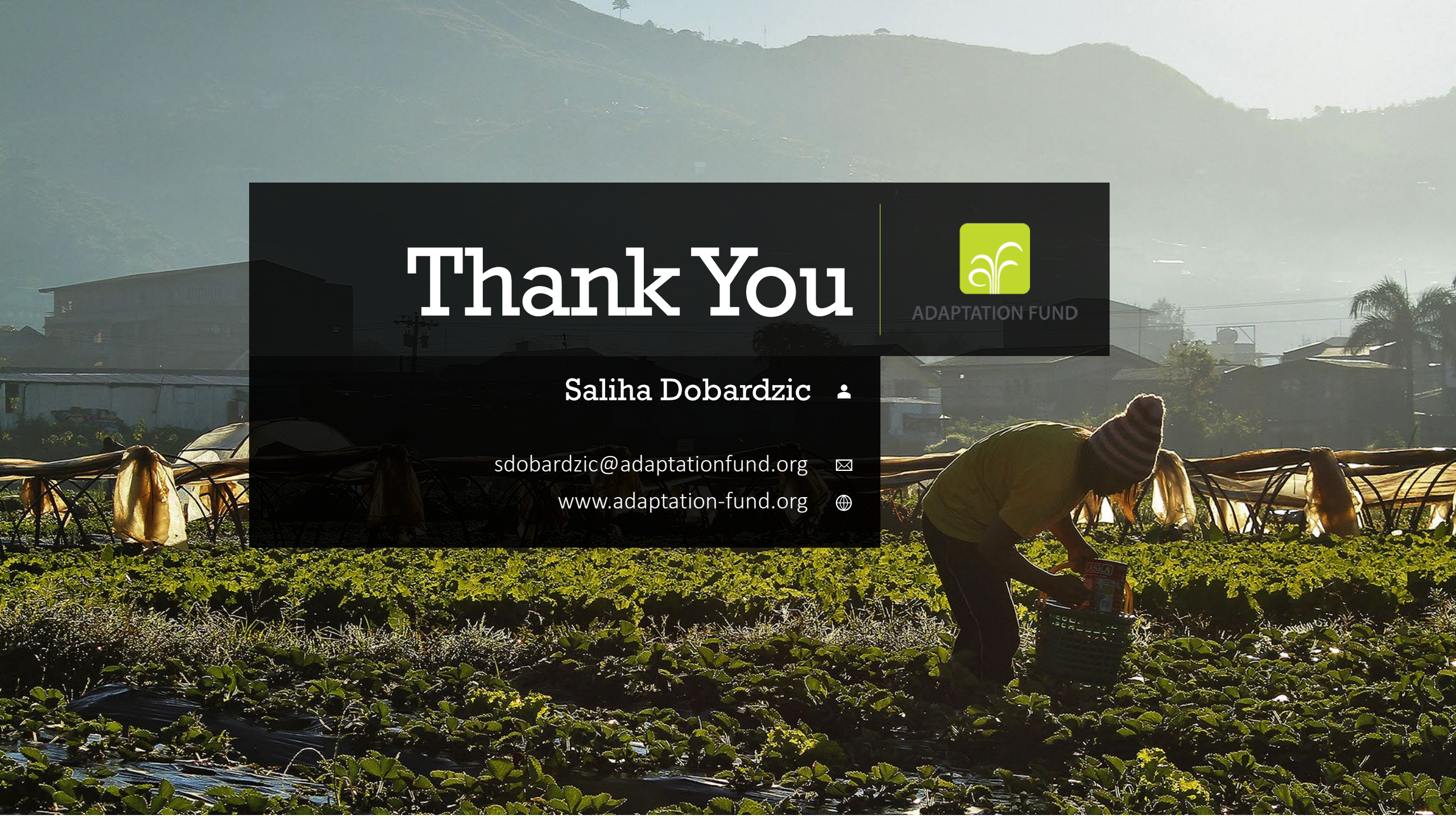
* Figures as per the Implementation Plan of the Medium-term Strategy



Next steps & opportunities

Under the Innovation Facility

- Launch of Online Training for accessing the Small Grants for Innovation (September 2020)
- Launch of the MIE Innovation Aggregator Programmes by UNDP & UNEP (September 2020)
- Launch of Large Grants for Innovation by the Adaptation Fund Board (October 2020) (TBD)



Thank You

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Saliha Dobardzic

sdobardzic@adaptationfund.org

www.adaptation-fund.org

Panel discussion:

Innovation for Climate Change Adaptation in the Water Sector



Violeta Leiva Milanca

Programme Manager of Chile's Small Innovation Grant

A National Implementing Entity's Perspective



Chongguang Yu

Programme Manager of UNDP's Innovation Aggregator Programme

A Multilateral Implementing Entity's Perspective



Gitika Goswami

Programme Director for innovation in the water sector & Member of Adaptation Fund Civil Society Network

A Civil Society Perspective

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CHILE: Water Crisis and Needs for Innovation in Climate Change





Water scarcity effects on urban population and agricultural production:

- Financial costs for farmers
- Mental & Physical Insecurity for communities (i.e. women and elderly)
- Increasing demands from local government to provide long term solutions -> AF role

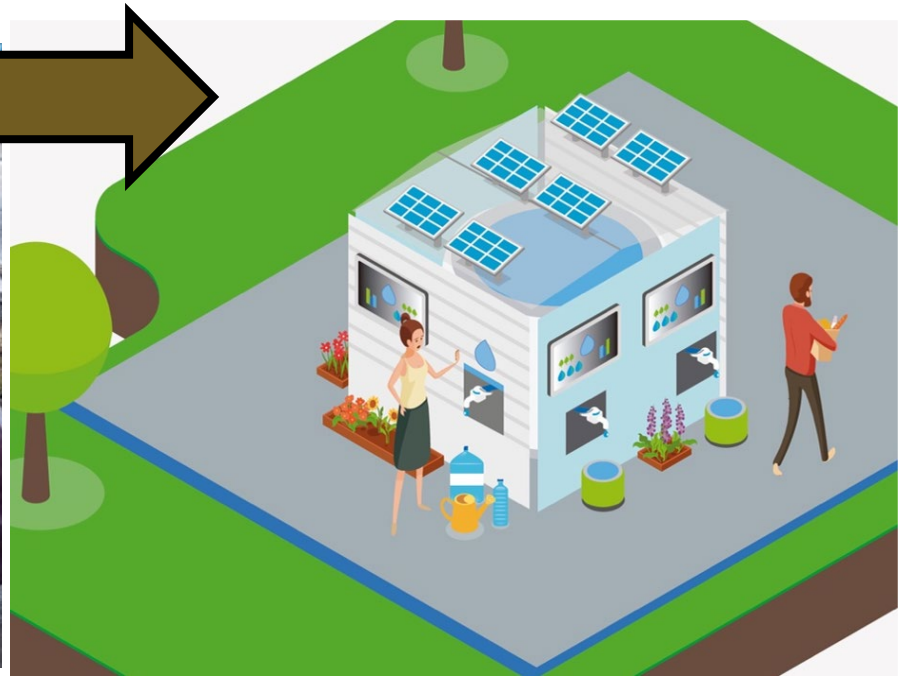
Your Logo or Name Here
linkedin.com/in/violetaleiva

Innovation Grant Project: Improving water access in emergency situations in a vulnerable province of Valparaiso, Chile

Innovation Features:

- Crowdsourced through an open design contest
- Adaptable and Replicable





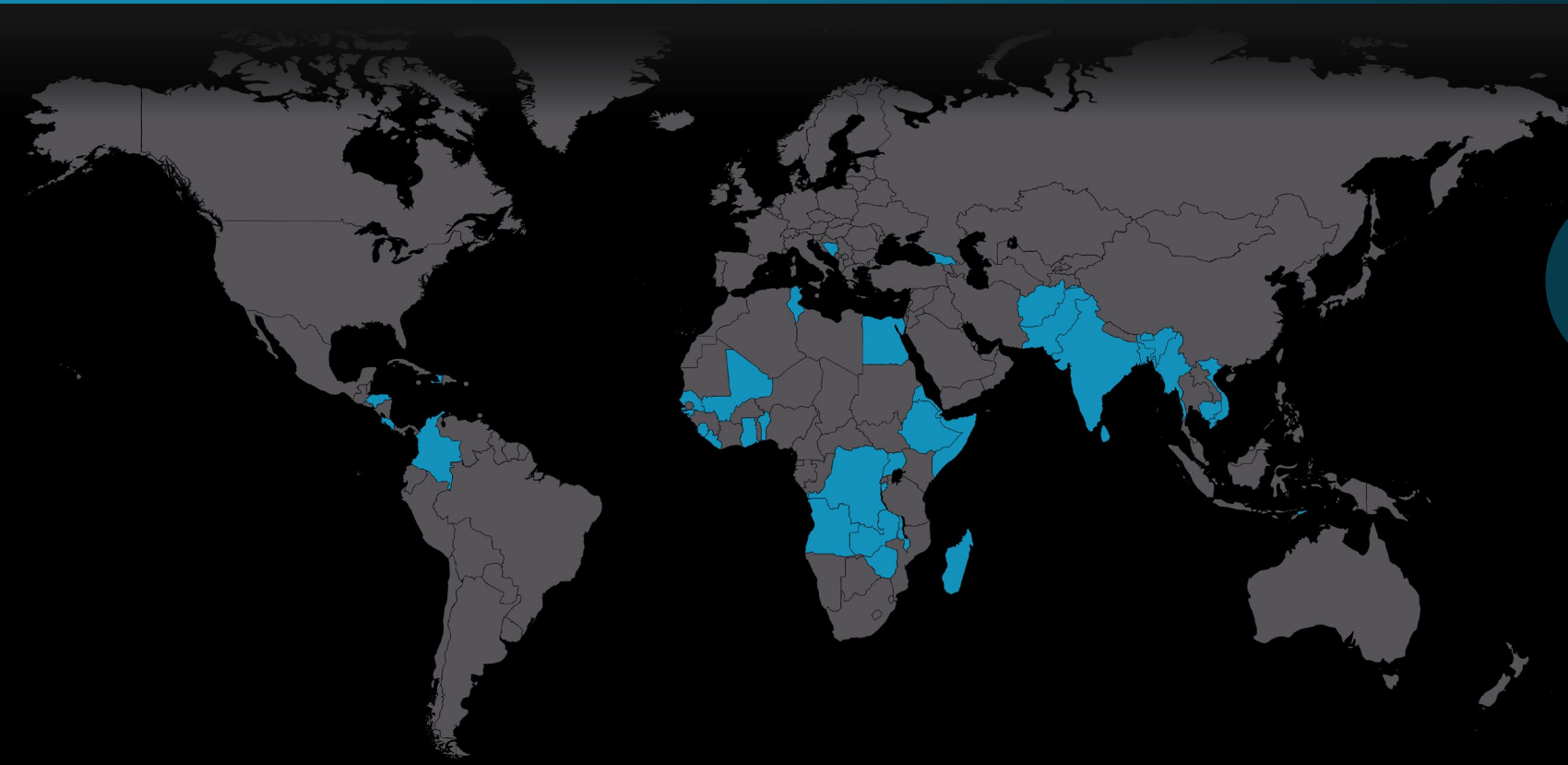
COVID Strategy:

- Use of online tools to launch contest
- First stage of design reception of proposals with no large gatherings
- Virtual Team meetings

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linkedin.com/in/violetaleiva

Climate resilient water resources and coastal management

Promoting integrated, ecosystem-based, climate resilient management of the world's rivers, lakes and oceans

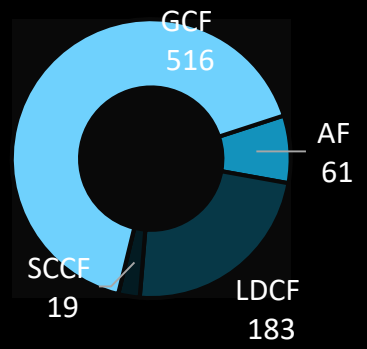


Portfolio under implementation

$ 780 Million from VF

$ 1.9 Billion Co-financing

62 Projects



44 COUNTRIES **27** LDCs **10** SIDS

Since 2008

1.4 million people benefitting from increased access to drinking water

150+ people trained on IWRM and coastal protection

100+ water management plans created at national and sub-national levels

16,000 km of coastline protected

**The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations or UNDP concerning the legal status of any country, territory, city or area or its authorities, or concerning the delimitation of its frontiers or boundaries.*

Adaptation Fund: Innovation for Adaptation to Climate Change

The Adaptation Fund has announced the launch of a new US$ 10 million pilot innovation programme during the COP 25 UN climate conference in Madrid.

Two of the Fund's accredited multilateral implementing entities, the United Nations Development Programme (UNDP) and UN Environment Programme (UNEP), each received US$ 5 million to administer and aggregate about 45 small grants (up to US$ 250,000 each). UNEP will also work in conjunction with the Climate Technology Centre and Network (CTCN), which is the operational arm of the UNFCCC Technology Mechanism.

- (UNDP) The programme is open to Not-for-profit, Civil Society Organisations (CSOs) including Non-Governmental Organisations (NGOs), Business Member Association (BMO), other Association, Cooperative, Community Based Organizations registered in a developing country.

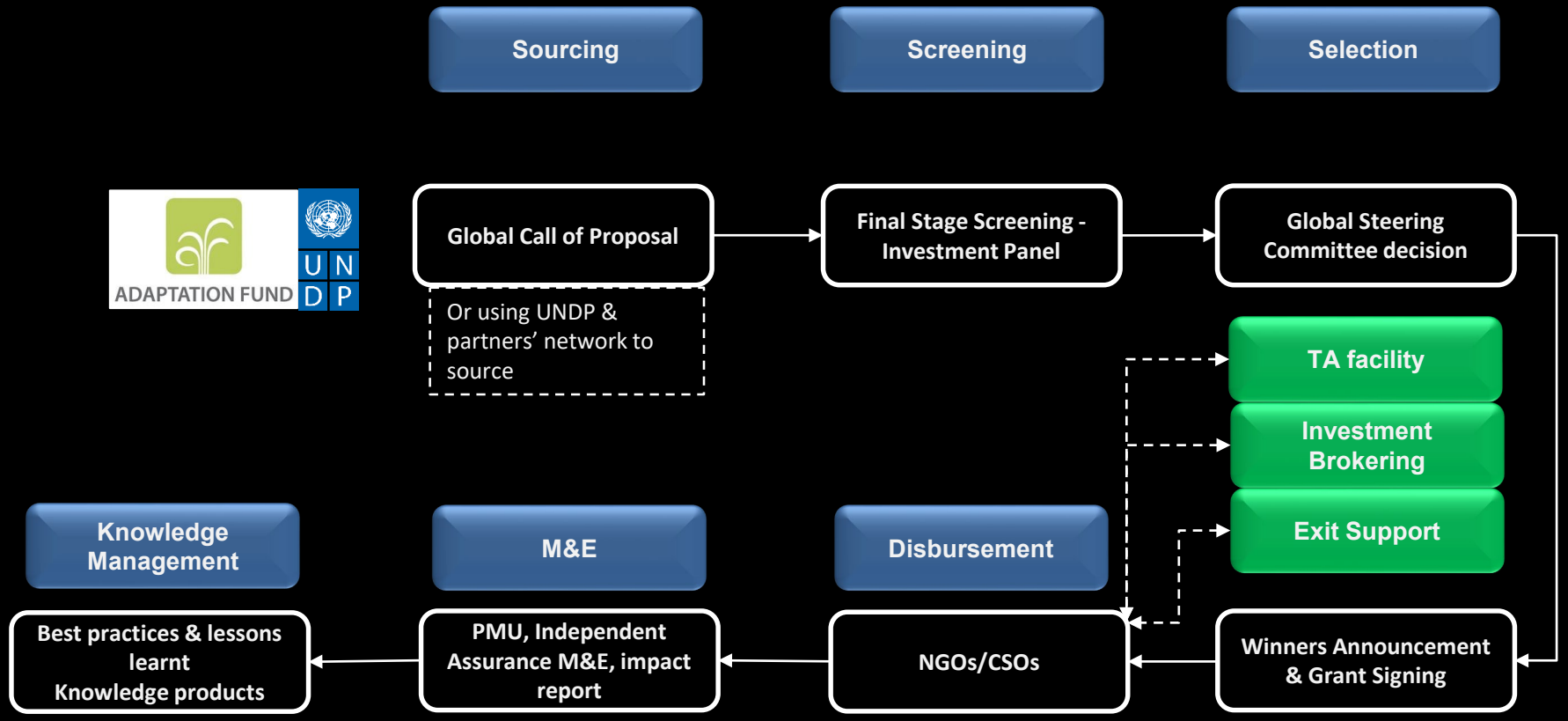
- (UNEP-CTCN) The potential countries participating in the programme include Non-Annex I Parties under the UNFCCC, that do not have NIEs. An applicant (e.g. central & local government, local communities, public institutions, etc.) is required to develop an application (technology concept) in close consultation with its national focal points to the CTCN (National Designated Entity, NDE) and the Adaptation Fund (Designated Authority).

A UNEP-CTCN and UNDP Joint programme launch webinar on this Adaptation Fund Small Grants for Innovation will be hosted around late September or early October 2020 . We welcome interested partners, potential grantees to join us online for the discussion.

Adaptation Fund-UNDP Innovation Small Grant Aggregator

UNDP Platform Process Map

UNDP aims to provide 10-15 micro grants to promote new/piloting innovative adaptation practices, business models and technologies ($60,000 for 2 years); 5-10 small grants to accelerate innovative adaptation practices, business models and technologies with scaling potential ($125,000 for 2 years). Grantees could receive another round of funding for the second cycle if they reached the milestones proposed for the first cycle (therefore, total $120,000 for micro grant and $250,000 for small grant).



Adaptation Fund-UNDP Innovation Small Grant Aggregator

What are we looking for?

Example Innovative projects

AF Resilience to Climate Change in Ghana project

The Implementing Partner, the Ministry of Environment, Science, Technology, and Innovation initiated a competitive tender process of selecting NGOs that have the capacity to

- Develop dry season gardening schemes for women
- Training of communities in water conservation
- Reduced social conflict among the stakeholders sharing the common resources (water)
- Increased regularity of water availability by securing water ways and channels from erosion and siltation

GEF-SGP Laborie Fishers and Consumers Cooperative Project

Local fisherman build a solar-powered, mobile desalination plant, which can produce 1,000 gallons of water daily. (fully mobile and solar powered and there is no brine discharged into the sea)

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Thank you for joining our webinar!

The presentations for this event are available here:

https://www.worldwaterweek.org/event/9467-adaptation-fund-innovation-for-adaptation-to-climate-change

Contacts:

Saliha Dobardzic – sdobardzic@adaptation-fund.org

Bianka Kretschmer – bkretschmer@adaptation-fund.org

Alyssa Gomes - agomes3@adaptation-fund.org