PROGRAMME ON INNOVATION:
SMALL GRANTS PROJECTS THROUGH DIRECT ACCESS MODALITY

REQUEST FOR PROJECT FUNDING FROM THE ADAPTATION FUND

The annexed form should be completed and transmitted to the Adaptation Fund Board Secretariat by email or fax.

Please type in the responses using the template provided. The instructions attached to the form provide guidance to filling out the template.

Please note that a project must be fully prepared when the request is submitted.

Complete documentation should be sent to:

The Adaptation Fund Board Secretariat
1818 H Street NW
MSN P4-400
Washington, D.C., 20433
U.S.A
Fax: +1 (202) 522-3240/5
Email: afbsec@adaptation-fund.org

ADAPTATION FUND

PART I: PROJECT INFORMATION

Country: **Chile**

Title of Project: **"Water Security. Improving Water Access during Emergency Situations in San Antonio Province, Region of Valparaíso".**

National Implementing Entity: **Chilean International Cooperation Agency for Development**

Executing Entity/ies: **Division for Regional Planning and Development of Valparaíso**, **Regional Government of Valparaíso (GORE Valparaíso)**

Amount of Financing Requested: **230,000 (in U.S Dollars Equivalent)**

Project Background and Context:

Water is at the core of sustainable development and its safe access is part of every person's basic needs. From food and energy security to human and environmental health, water contributes to improvements in social wellbeing and inclusive growth, affecting the livelihoods of billions around the world. The **Regional Government of Valparaíso** has identified as one of the problems that severely affect the region, the "tension due to a shortage of water resources"[1]. During water shortages, urban population is highly dependent of secondary distribution channels, and therefore extremely vulnerable to suffer when the emergency distribution system is inefficient and insecure.

Valparaíso has been particularly affected by changing climate conditions. During the last decade, there has been a pronounced decay of rainfall in the Region. The situation of water scarcity in various parts of its territory has endangered water supply for the population and damaged productive activity. It is estimated that between 2007 and 2014, more than 6,000 hectares of fruit were destroyed, losing more than 5,000 jobs, 175 million dollars in investments and more than 100 million dollars annually in exports.

As a result, last August the Chilean Government declared Valparaíso a "Drought Catastrophe Zone", being this one of the driest seasons of the last 50 years[2].

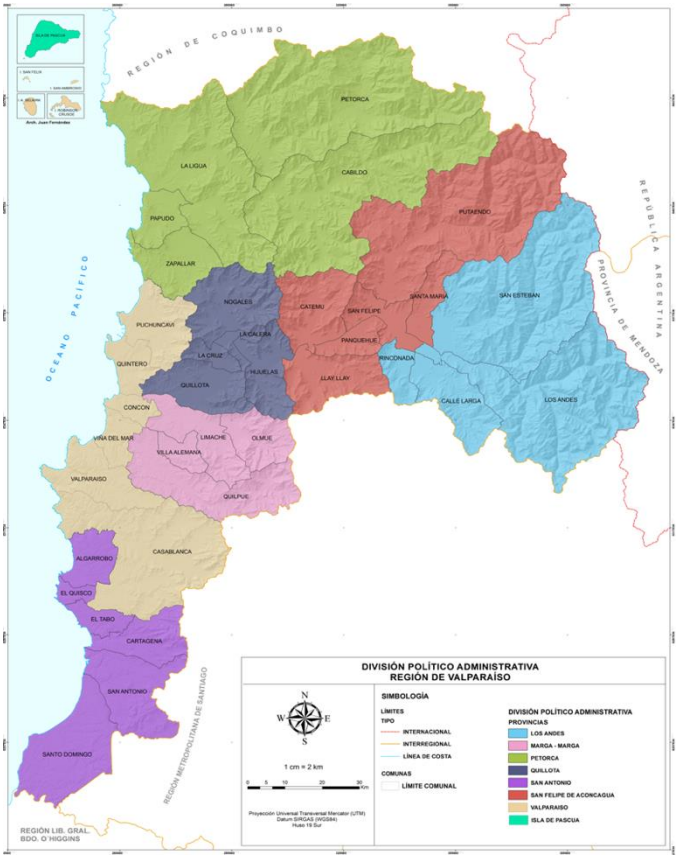
[1] Valparaíso' Regional Development Strategy (RDS), approved in May 2012.
[2] https://radio.uchile.cl/2019/08/08/gobierno-decreta-zona-de-emergencia-agricola-en-la-region-de-valparaiso/

In order to address some of these problems, **Valparaíso's Development Strategy** signals as a goal the "sustainable management of water in response to the demands of the population and their productive activities". Accordingly, in 2014 the **Regional Innovation Strategy** was designed. It incorporated the challenge of "innovation in the management of energy and water". This was adopted as a regional compromise, favouring the promotion of "efficient use and technologies that improve water storage, distribution, purification, reuse and savings".

Recently was approved **Valparaíso's "Regional Policy of Development and Water Sustainability"**. This is the first regional policy in Chile to specifically address the problem of water scarcity that affects the country. Three Pillars are set on it: Security and increase of water supply; Sustainable Water demand; and Improved Governance on Water Management.

The project focuses on improving safe access to Water under emergency situations by sourcing the most appropriate and cost-efficient existing solutions under a competitive system.

The aim is to develop urban points for water distribution that can function under a catastrophe and are easily replicable in other parts. These facilities will allow emergency cistern trucks to discharge, and supply the local population in a safe and efficient manner, while assuring the quality of the resource. The project considers the integration on each point of a publicity screen/ interactive billboard that allows to implement an Awareness Campaign, sensitizing future users on a more sustainable use of water and a better management under shortages.



The chosen Province for the implementation is San Antonio (on purple), a vulnerable locality of Valparaíso. The decision to intervene this area responds to its identification as a low-income zone, with several urban centres which suffer of water scarcity and lack of efficient distribution systems in case of emergencies.

San Antonio is located in the south of the coastal edge of the region, it has an area of 1,511.6 km² and a population of 168,046 habitants. One of its denser parts is the conurbation between the Communes of Cartagena and San Antonio that together exceed 114,000 habitants, according to census figures of 2017. This

conurbation has the added stress of being a popular holiday destination near the capital. Therefore, during summer season, it has an important growth in population and suffers a stark rise on its water consumption. This situation combined with regional conditions, as increasing temperatures and lack of rain, makes them extremely exposed to suffer from water shortages.

According to the latest survey of 2018, Cartagena's poverty level reaches 13.26% of its population, which makes it one of the communes with the highest levels of vulnerability in the province. It also concentrates a large proportion of the elderly as 22.6% of its inhabitants are over 60 years old. This percentage is much higher than the national average (16.2%) and Valparaíso Region (18.8%).

As is the case of many other communes in the country, under a water crisis, Cartagena would have to be served by cistern trucks and it would require to be either directly discharged by individuals or deposited in small plastic containers (See pictures) [3]. This system is inefficient and very discriminatory, as it requires to wait in queues for several hours, to the detriment of elderly and adults in charge of young children. Furthermore, it wastes the scarce resource, as the valves used to control the flow are normally left unattended and end up to be broken.

The project is thought to develop cost-efficient urban points for water distribution that can function under a catastrophe and are easily replicable in other parts.

The competition will be oriented to source innovative and cost-efficient designs for a "Water Point". The aim is to build three urban points inside local schools/centres, and include on each of them an Interactive Mechanism/Display that can be used to educate potential users on sustainable water management techniques (see details of contest below).

As an added value of this initiative, it is planned to involve the Community of Practice for Direct Access Entities (CPDAE), by collecting within the Community some of the

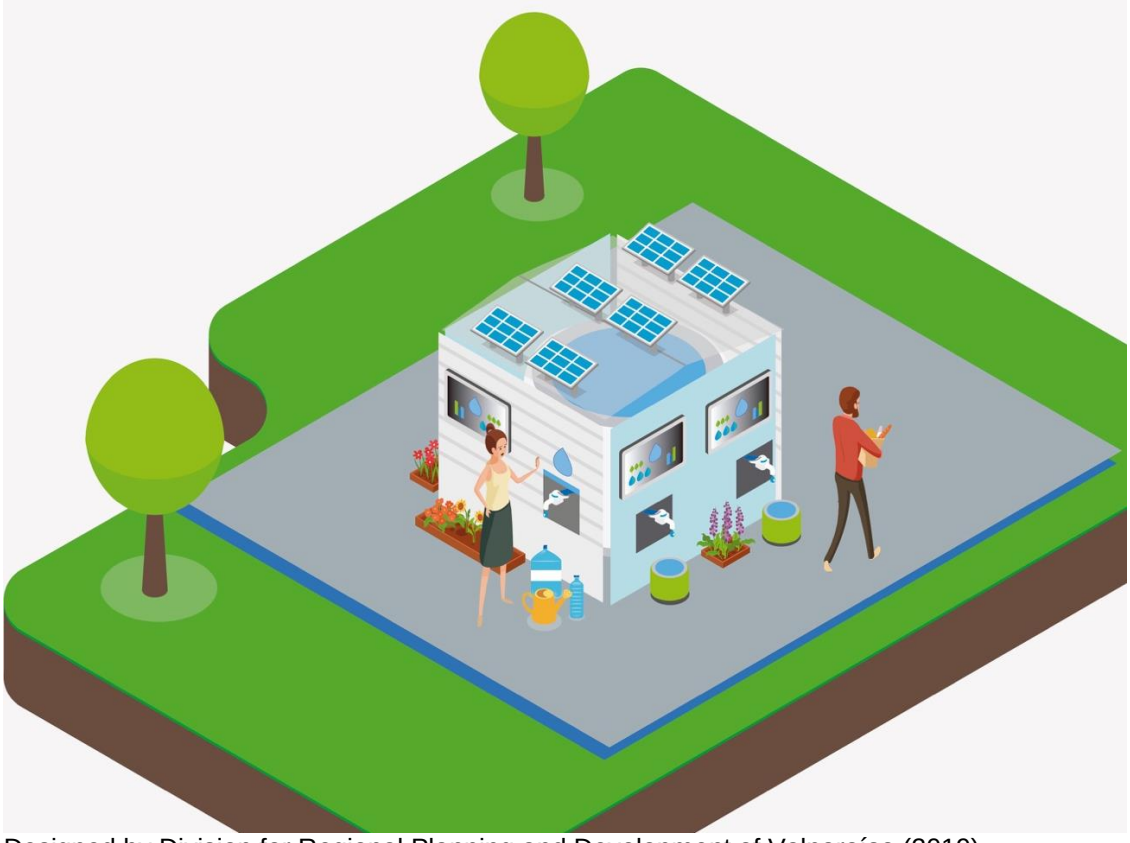
[3] The pictures are from a recent water crisis in Osorno, due to source contamination. https://eluniversal.cl/noticia/4084/se-suspenden-las-clases-de-forma-indefinida-en-osorno-por-extenso-corte-de-agua

techniques on efficient use of water that are going to be displayed on the pilots. Furthermore, the winning Water Point design and its detailed construction plan, will be shared with the CPDAE, providing the Community with a feasible and cost-efficient prototype to be replicated elsewhere. The shared design will require to include a simplified alternative billboard, in order to reduce constructions costs and facilitate scale-ups.

The aim is to build at least three pilots, which will serve a dual purpose. On one side they will offer a safer and more efficient way to access water under shortages. On the other hand, the interactive billboard/display of the facilities will help to sensitize potential users on better water management techniques (referential image below).

The sustainability of this action will be promoted by sharing the design with the CPDAE. Also, as the Chilean prototypes will include billboards, it has the potentially to capture allies on the private sector and see the pilot implemented in other regions. All benefited localities will have to safely preserve the pilots and ensure access to the local community when required.

A. Referential Water Point



Designed by Division for Regional Planning and Development of Valparaíso (2019).

The Chilean government understands that this initiative is not a solution for the current water crisis of the region. Therefore, it sees as fundamental to work on technologies

that can increase the general availability of the resource in order to achieve full Water Security.

There is the vision to use this AF experience to sensitize the local population and create public-private alliances that could allow Chile to implement a complementary project in the future, related to:

- Wastewater treatment facilities
- Desalination plants
- Promotion of new accumulation techniques (i.e. atmospheric water)

B. Details of Competitive Contest

The project success considers to source cost-efficient solutions through a public competition, aimed at Universities, Private Sector and Individuals (engineers and architects). The competition will be framed, in the axis "Social Innovation" and the cross-sectional area "Water Resource", of the Regional Innovation Strategy of the Region of Valparaíso. Successful participants will require to provide a detailed design and construction plan, as well as to accredit experience to build the pilot if required. The winning design will have to be easily replicable and shared free of charge with the CPDAE.

Requirements:
1.- Design and technical justification of the pilot, aimed at:
a) Store water for human consumption, being able to feed through the connection to the drinking water service and the delivery of tank trucks, as emergency case.
b) Harvest water in a safe and innocuous way, presenting cleaning and purification technology as well as more efficient delivery mechanisms.
c) Educate about the responsible use and consumption of water, through the incorporation of interactive mechanisms/displays.
The pilot must consider the use of Non-Conventional Renewable Energies for its operation and work as a meeting point.

2.-Construction Plans of the designed Pilot, adapted to the specific location, in accordance with legal construction norms for the zone and within the framework of time and resources established for this purpose.

The presentation of the initiative must clearly state how it meets the objectives set forth in the Regional Innovation Strategy for this topic, include a scalable model, a detailed budget and construction plans.

The initiatives postulated, will be initially reviewed by an evaluation guideline designed by the Chilean International Cooperation Agency for Development (AGCID) and the Division for Regional Planning and Development of Valparaíso (DIPLAD), to corroborate that they fulfil the minimum technical requirements. Thereafter an evaluation commission will be formed by 1 representative of Academia/Climate Change Centre, 1 of the Regional Government, 1 of the Municipality receiving the pilots, 1 of the Chilean International Cooperation Agency for Development; and 1 Adaptation Fund, to choose the final candidate. All process, criteria of selection and results will be made public to the community.

This project is in direct connection with two goals set in Valparaíso's Regional Policy of Water Sustainability. From the supply side it will contribute to achieve an "increasing in infrastructure of water collection, conduction, distribution and / or accumulation" and from the demand side, it "improves the efficient use of water resource for human consumption".

Project Objective:

A. Improve Water Access during emergency situations in a low-income commune in San Antonio Province, Region of Valparaíso.

   1. Ensure existence of water points for distribution/accumulation to cope with urban water shortages.

   2. Promote Innovation and sensitize local community on efficient use of water.

Project Components and Financing:

Project Components	Expected Concrete Outputs	Expected Outcomes
1. Improve urban distribution/accumulation of water during emergencies	Implement three innovative Water Points to discharge cistern Trucks.	Efficient Local Access in water shortage conditions.
2. Promote Innovation and sensitize local community on efficient use of water	Open competition to source the design a cost-effective Water Point that offers water access and it is an interactive source of relevant information.	The winning idea for water points will be awarded and a pilot implemented (component 1). The design will be shared with the CPDAE, providing them with a feasible prototype to be replicated elsewhere.

BUDGET	USD	%
Project Execution Cost	**30'000**	13%
Project Funds (Components 1-2)	**193'000**	84%
Component 1. Improve urban distribution/accumulation of water during Emergencies	154'000	
Component 2. Promote Innovation and sensitize local community on efficient use of water	39'000	
Project IE Fee	**7'000**	3%
Amount of Financing Requested	**230'000**	**100%**

Projected Calendar:

Milestones	Expected Dates
Start of Project Implementation	June 2020
Mid-term Review (if planned[4])	N/A
Project/Programme Closing	August 2021
Terminal Evaluation	December 2021

[4] Mid-term review is required for projects with duration exceeding three years.

PART II: PROJECT JUSTIFICATION [5]

A. *Describe the project components, particularly focusing on the concrete adaptation activities of the project, and how these activities contribute to climate resilience.*

1. Improve urban distribution/accumulation of water during Emergencies
The project focuses on improving safe access to Water under emergency situations by sourcing the most appropriate and cost-efficient existing solutions under a competitive system.
The aim is to develop urban points for water distribution that can function under a catastrophe and are easily replicable in other parts. These facilities will allow emergency cistern trucks to discharge, and supply the local population in a safe and efficient manner, while assuring the quality of the resource. The project considers the integration on each point of a publicity screen/ interactive billboard that allows to implement an Awareness Campaign, sensitizing future users on a more sustainable use of water and a better management under shortages.

The points diminish uncertainty, reduce walking distances to delivery points, diminish anxiety and quickens the assistance. Furthermore, most vulnerable users can avoid long queues and will have a safer centre to collect water for auto-consumption.

The Points will be located inside local Schools/Centres, these are safe and refreshing places, accessible during emergencies. The aim is to build at least three pilots, which will serve a dual purpose. On one side they will offer a safer and more efficient way to access water under shortages. On the other hand, the interactive billboard/display of the facilities will help to sensitize potential users on better water management techniques.

Users will be informed on how to reduce consumption, providing current and future generations with stronger tools to face water scarcity. Furthermore, encouraging a more sustainable behaviour from urban water users will reduce the global amount required, avoiding some water-stress situations during dry periods. In particular, working inside local schools, can help to develop more sustainable habits among the younger population, holding up good practices on the long run.

2. Promote Innovation and sensitize local community on efficient use of water
The plan is to hold an open competition to design a Water Point that can be cost efficient for a small urban community in the Province of San Antonio. The winner will see his/her idea implemented through 3 pilots. The successful design will be shared with the Community of Practice for Direct Access Entities (CPDAE), providing the Community with a cost-efficient prototype to be replicated elsewhere.

[5] Parts II and III should jointly not exceed 10 pages.

It is planned to collect within the CPDAE techniques on efficient use of water for human consumption, adapt them to local conditions and share this information through Water Point interactive mechanisms/billboards; improving the knowledge sharing among members with similar problems.

B. *Describe how the project provides economic, social and environmental benefits, with particular reference to the most vulnerable communities, and vulnerable groups within communities, including gender considerations. Describe how the project will avoid or mitigate negative impacts, in line with the Environmental and Social Policy of the Adaptation Fund.*

Economically, the initiative will allow saving resources from both private consumers and public sector. At a governmental level, less palliative measures will be needed (efficient use of cistern trucks and less water wasted on delivery), as for the private consumer, the water point will increase availability of water and reduce the costs finding alternative sources.

Socially, ensuring water security has a direct impact on the wellbeing of the general population. As Cartagena has an elderly population and represents a low-income demographic, the projects help by implementing measures that reduce vulnerability and improve resilience to water-related disasters. Moreover, as it will be installed inside local schools, the intervention will sensitize the younger population on more sustainable habits.

Environmentally, this adaptation project provides a significant example of a more integrated and sustainable water management under emergency. Furthermore, sensitizing on efficient use of water within urban areas will put less strain on the surrounding ecosystems.

The positive impacts of this action will spread rapidly and cost-effectively by sharing the design with the CPDAE. Also, as the Chilean prototypes will include billboards, it has the potentially to capture allies on the private sector and see the pilot implemented in other regions.

C. *Describe how the project encourages or accelerates development of innovative adaptation practices, tools or technologies. Describe how the project helps generate evidence base of effective, efficient adaptation practices, products or technologies, as a basis for potential scaling up.*

Both components ensure innovation. Component 2 supports the design of cost-effective water points, by encouraging the submissions of project proposals. Component 1 will finance the pilots on the water delivery points and will educate through interactive platforms on more sustainable practices collected among the CPDAE.

D. *Please confirm whether the project meets relevant national technical standards, where applicable, such as standards for environmental assessment, building codes, etc., and is in line with the Environmental and Social Policy of the Adaptation Fund.*

Yes, the project meets the national adaptation climate change policy, and complies with the environmental and social goals for the region. This initiative is in direct connection with two goals set in Valparaíso's Regional Policy of Water Sustainability. From the supply side it will contribute to achieve an "increasing in infrastructure of water collection, conduction, distribution and / or accumulation" and from the demand side, it "improves the efficient use of water resource for human consumption".

E. *If applicable, describe the learning and knowledge management component to capture and disseminate lessons learned.*

The knowledge management is very relevant for the project, as it will collect information from the CPDAE on strategies to diminish water reduction, and will also share with them the winning design to allow other members of the Community to replicate the facility. Furthermore, all project products (booklet and videos) will be translated into English, allowing more people to be informed on the project results and motivating them to replicate the Water Points.

F. *Describe how the project will engage, empower and/or benefit the most vulnerable communities and social groups, including gender considerations, in line with the Environmental and Social Policy of the Adaptation Fund.*

Under shortage conditions, without safe drinking water at home, it is disproportionately harder for elderly, girls and single mothers to collect the resource. Elderly have impaired mobility, and cannot stand for long periods of time, women in charge of young children cannot leave them unattended; girls looking alone for cistern trucks are more exposed to sexual harassment. Implementing Water Pilot inside public schools solve these problems. The Points will be safe guarded and of easy access, benefiting from all amenities of the school (chairs, shattered spaces, toilets).

G. *Provide justification for funding requested, focusing on the full cost of adaptation reasoning.*

The expected impacts on the urban water system resulting from climate changes in Chile have the potential to affect the different areas of Water Security either by conditioning the availability of water (in quantity and quality) or increasing the exposure of the communities to extreme events of hydro-meteorological origin which are expected to be more frequent and intense.

In this regard, it is requested adaptation funding to implement concrete innovative measures and a pilot strategy that has the potential to reduce the vulnerability of an urban communities in a highly vulnerable Province. The goal to achieve Secure Water Access under Emergency is realized by minimizing the exposure of a low-income communities as well as increasing accumulation /distribution mechanisms. At a behavioural level, the success of sensitizing on more sustainable habits in younger

population can reduce future stress on the ecosystem and diminish the risks associated with the reduction of water availability (in quantity and quality) having population more resilient to future events.

Among the concrete benefits of the AF Funding the project we can expect:
- Decrease in expenses for public investment in palliative solutions (cistern trunks, plastic containers, etc.)
- Increase in quantity of water available under emergencies due the implementation of a smart delivery mechanisms

There is the vision to use this AF experience to sensitize the local population and create public-private alliances that could allow Chile to implement a complementary project in the future, related to:

- Wastewater treatment facilities
- Desalination plants
- Promotion of new accumulation techniques (i.e. atmospheric water)

PART III: IMPLEMENTATION ARRANGEMENTS

A. *Describe the arrangements for project / programme implementation.*

The Project is under National Climate Change Adaptation Policy and International UN Framework Convention on Climate Change. It will be implemented over an eighteen-month period, beginning in 2020. The implementing entity (IE) for the programme will be AGCID, as the National Implementing Entity (NIE) for the Adaptation Fund.

AGCID will work in alliance with Valparaíso Regional Government and Local Authorities. AGCID's role in the framework of the project is fully in line with its leading institutional role as the national cooperation Agency, supporting the implementation of development programs at a national and international level.

The **Project Coordinator** (PC) will be responsible for coordinating and monitoring the AF project, guided by the Division for Regional Planning and Development of Valparaíso. The Project Board[6] (PB) will ensure accountability of PC. The PC will write the interim and final reports.

The following services will be provided by the **PC**, assisted by the Division for Regional Planning and Development of Valparaíso:
- information and communication management to track and monitor progress (financial and substantive) of project implementation;
- monitoring project activities, including financial matters, and preparing monthly and quarterly progress reports, and organizing monthly and quarterly progress reviews;
- supporting the PB in organizing meetings;

[6] PB is comprised of regional relevant governmental units, local authorities and AGCID staff.

- managing relationships with project stakeholders including local government, NGOs, government agencies, and others as required.

AGCID will ensure performance improvement; and along with the **Division for Regional Planning and Development of Valparaíso**, approve work plan and procurement plan and closely monitor work plan presented by the PC, to ensure its fulfilment.

The **Project Board** (PB) will comprise of regional relevant governmental units, local authorities and AGCID staff. The Project Board will choose a member from its composition to serve as secretary to the PB. The PB will review project narrative reports as well as comment on any deviations from the approved plans. They have to approve the PC interim and final reports.

The following implementation services will be provided by **AGCID** for the AF project:
- oversight of portfolio implementation and reporting on budget performance;
- quality assurance and accountability for outputs and deliverables at the project development phase, during implementation and on completion;
- receipt, management and disbursement of AF funds in accordance with the financial standards of the AF;
- oversight and quality assurance of evaluation processes for project performance and ensuring that lessons learned/best practice are incorporated to improve future projects;

B. *Describe the monitoring and evaluation arrangements and provide a budgeted M&E plan.*

The project will be monitored through the set of M&E activities, budget of which is provided below. The monitoring will be carried out by the dedicated project coordinator and will be based on targets and indicators set in Projects Results Framework.

Following reports and evaluations will be developed throughout the project:

Monitoring Plan (MP) - should be approved by the NIE and the Division for Regional Planning and Development of Valparaíso before commencing of the project activities and it will detail all activities to be executed, all milestones and goals which will be reached and dates for each indicator to be executed.

Quarterly Status Reports (QSR) - PC should submit QSRs to the NIE at the end of each operating quarter. QSRs will present how the indicators identified in project results framework are executed, what challenges it faces during the execution process and identify any constraints. Quarterly Status Reports will present monitoring process on executed activities.

External Audit Report (EAR) - based on the periodic financial statements, an external audit report will be prepared in accordance with Regulations set by the implementing entity.

Deliverable	Responsible	Cost
Monitoring plan, quarterly status reports, final report	Project Coordinator	28.000 USD
External Audit report	External Audit	7.000 USD

C. *Include a simple results framework for the project proposal, including milestones, targets and indicators.*

Result	Indicator	Baseline	Milestone	MOV
Component 1. Improve urban distribution/accumulation of water during Emergencies				
Outcome 1.1. Build Pilot of emergency "Water Point"	Number of Water Point Constructed Number of people benefited for new infrastructure (gender disaggregated)	0 0	3 3000	Quarterly and final Reports
Outcome 1.2 Displayed awareness campaign on water challenges and consume reducing techniques	Number of days of public campaign Number of schools/centres benefited	0 0	40 3	Quarterly and final Reports
Component 2. Promote Innovation and sensitize local community on efficient use of water				
Outcome 2.1 Repository of innovative practices for water management/reduce consumption	Repository of Innovative Ideas	0	1	Quarterly and final Reports
Outcome 2.2 winner of Water Point contest will design plans for pilot construction	Proposal to be implemented	0	1	Quarterly and final Reports

D. *Demonstrate how the project / programme aligns with the Results Framework of the Adaptation Fund*

Project Objective(s)[7]	Project Objective Indicator(s)	Fund Outcome	Fund Outcome Indicator	Grant Amount

[7] The AF utilized OECD/DAC terminology for its results framework. Project proponents may use different terminology but the overall principle should still apply

				(USD)
Ensure existence of water points for distribution/accumulation to cope with urban water shortages.	Number of Physical Infrastructures constructed	Outcome 4. Increased adaptive capacity within relevant development sector services and infrastructure assets Outcome 2. Strengthened institutional capacity to reduce risks associated with climate-induced socioeconomic and environmental loses	4.2. Physical Infrastructure improved to withstand climate change and variability-induced stress 2.1. Capacity of staff to respond to, and mitigate impacts of, climate-related events from targeted institutions increased	154.000 USD
Promote Innovation and sensitize local community on efficient use of water for human consumption.	Percentage of targeted population informed	Outcome 3. Strengthened awareness and ownership of adaptation and climate risk reduction processes at local level	3.1 Percentage of targeted population aware of predicted adverse impacts of climate change, and of appropriate responses	39.000 USD
Project Outcome(s)	**Project Outcome Indicator(s)**	**Fund Output**	**Fund Output Indicator**	**Grant Amount (USD)**
Outcome 1.1. Build Pilot of emergency “Water Point”	Number of Water Point Constructed Number of people benefited for new infrastructure (gender disaggregated)	Output 4: vulnerable development sector services and infrastructure assets strengthened in response to climate change impacts, including variability	4.1.2. N° of physical assets strengthened or constructed to withstand conditions resulting from climate variability and change (by sector and scale)	136.000 USD
Outcome 1.2 Displayed awareness campaign on water challenges and consume reducing techniques	Number of days of public campaign	Output 3: Targeted population groups participating in adaptation and risk reduction awareness activities	3.1. N° of news outlet in the local press and media that have covered the topic	18.000 USD USD
Outcome 2.1 Repository of innovative practices for water management/reduce consumption	Repository of Innovative Ideas	Output 6. targeted individual and community livelihood strategies strengthened in relation to climate change impacts, including variability	6.1.1. N° and type of adaptive assets (tangible or Intangible) created or strengthened in support of individual or community livelihood strategies	19.000 USD
Outcome 2.2 winner of Water delivery contest will	Proposal to be implemented	Output 4: vulnerable development sector	4.1.2. N° of physical assets strengthened	20.000 USD

aid with the pilot construction		services and infrastructure assets strengthened in response to climate change impacts, including variability	or constructed to withstand conditions resulting from climate variability and change (by sector and scale)	

E. *Include a budget, a budget on the Implementing Entity management fee use, and an explanation and a breakdown of the execution costs.*

COMPONENTS

Activity	Unit	Nº Unit	Unit Cost	Total USD
Component 1. Improve urban distribution/accumulation of water during Emergencies				**154'000**
Build 3 Pilots of emergency "Water Point" (Materials, Builders)	Pilots	3	42'000	126'000
Pilot Detail **Could end up costing less depending on the winning design	Pond		10'000	
	partition		5'000	
	Hydraulic connections		3'000	
	Solar panels		4'000	
	Electric connections		2'000	
	beautification works		4'000	
	Electric generator		2'000	
	led luminaire		1'000	
	electrical dosing system		3'000	
	Information & control system		4'000	
	Minor materials work		2'000	
	water control system		2'000	
Awareness Campaign	Graphic Design	1	3'000	3'000
	Display	3	5'000	15'000
Engineer/Architect Support	Consultant	1	10'000	10'000
Component 2. Promote Innovation and sensitize local community on efficient use of water				**39'000**
Contest (Publicity, Logistics Coordinator, Final Event -Salon and catering-)	Event	1	10'000	10'000
Prize winner of Water delivery contest	Prize	1	10'000	10'000
Visibility	Video Capsules	3	1000	3'000
	Full Project Video	1	4000	4'000
Systematization of Project and Ideas (Booklet)	Consultant	1	3000	3'000
Design of Booklet	Designer	1	1000	1'000
Publication	Booklet	250	20	5'000
Translation into English of KM and Visibility Products	Full Service	1	3000	3'000
TOTAL COMPONENTS 1-2				**193'000**

EXECUTION COSTS

Activity	Unit	Nº Unit	Unit Cost	Total USD
Execution Component. General Disbursements				
Travels	Day Trip	20	100	2'000
Project Coordinator (Engineer)	Month	14	2'000	28'000
Total Execution Costs				**30'000**

IE FEE

Activity	Unit	Nº Unit	Unit Cost	Total USD
Execution Component. General Disbursements				
Audit	Product	1	7'000	7'000
Total Execution Costs				**7'000**

SUMMARY

BUDGET	USD	%
Project Execution Cost	**30'000**	13%
Project Funds (Components 1-2)	**193'000**	84%
Component 1. Improve urban distribution/accumulation of water during Emergencies	154'000	
Component 2. Promote Innovation and sensitize local community on efficient use of water	39'000	
Project IE Fee	**7'000**	3%
Amount of Financing Requested	**230'000**	**100%**

F. Include a disbursement schedule with time-bound milestones.

Schedule Disbursement	Upon Signing Agreement	Inception Workshop	6 months after project start*	Grand Total
Scheduled date	January 2020	June 2020	December 2020	December 2020
Project Funds (1-5)	64'333	64'333	64'333	
Project IE Fee			7'000	
Project Execution Cost	15'000		15'000	
TOTAL	**79'333**	**64'333**	**86'333**	**230'000**

*Upon Launch event

PART IV: ENDORSEMENT BY GOVERNMENT AND CERTIFICATION BY THE IMPLEMENTING ENTITY

A. **Record of endorsement on behalf of the government**[8] *Provide the name and position of the government official and indicate date of endorsement. If this is a regional project/programme, list the endorsing officials all the participating countries. The endorsement letter(s) should be attached as an annex to the project/programme proposal. Please attach the endorsement letter(s) with this template; add as many participating governments if a regional project/programme:*

Carolina Urmeneta Labarca *Head of Climate Change Office, Designated Authority, Ministry of Environment*	Date*: **2-August-2019***

B. Implementing Entity certification *Provide the name and signature of the Implementing Entity Coordinator and the date of signature. Provide also the project/programme contact person's name, telephone number and email address*

I certify that this proposal has been prepared in accordance with guidelines provided by the Adaptation Fund Board, and prevailing Chilean National Adaptation Plan and its Sectoral Adaptation Plan for Cities, and subject to the approval by the Adaptation Fund Board, commit to implementing the project/programme in compliance with the Environmental and Social Policy of the Adaptation Fund and on the understanding that the Implementing Entity will be fully (legally and financially) responsible for the implementation of this project/programme.
 JUAN PABLO LIRA BIANCHI Executive Director, Chilean International Cooperation Agency for Development (Implementing Entity Coordinator)
Date: ***August, 2nd, 2019*** | Tel. and email: +56 2 2 827 5748/ jlira@agci.gob.cl
Project Contact Person: Violeta Leiva, Program Manager.
Tel. And Email: +56 2 2 827 5773/ vleiva@agci.gob.cl

[8] Each Party shall designate and communicate to the secretariat the authority that will endorse on behalf of the national government the projects and programmes proposed by the implementing entities.