

This amount covers the remaining obligations under the 2018

SBA (US\$40.5 billion) and provided a small net financing support for reserves accumulation (US\$4.5 billion).

Nevertheless, capital controls and deficit monetization continue to cause a large gap between the official and parallel exchange rates and limit foreign reserve accumulation.

A severe drought

is expected to strongly affect agricultural production in 2023, reducing exports and fiscal revenues while limiting the capacity of the Central Bank to accumulate international reserves.

To reduce the monetary financing of the fiscal deficit and the associated persistent and high inflation, the government has adopted measures to reduce the cost of subsidies and improve their targeting, especially in the costly energy sector. In addition, it is taking steps to improve the ability of the customs administration to supervise and control the over invoicing of trade and other related distortions. In addition to addressing the urgent need for reserve accumulation, these measures should help pave the way for the eventual easing of foreign exchange controls.

Investing in flood risk reduction will have macroeconomic impacts and urban flood mitigation infrastructure will reduce asset and welfare losses.

The benefit-cost ratios of the interventions (in the range from 1.4 for flood mitigation, to 4.0 for hydrometeorological infrastructure) could be increased by lowering costs through the implementation of nature-based solutions.

Similarly, more effective use of planning and land-use management tools can also help reduce exposure to floods.

Climate change adds further	stress to the existing infra	astructure, and without pr	roper planning and inve	stments in risk
management, floods will have	e a larger impact on resid	ents and the economy.		

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basin approach which			specially in relation to a h	olistic river
			management approach.	
to increase efficiency.	ons to reduce flow p	beaks and store tic	ood waters also need to b	e introduced

System's designs insufficiently consider the effects of climate change, and while authorities often have the regulations, they lack the capacity to control settlements in flood-prone areas and natural streams.

The country has a clear governance structure and institutional arrangements for water resources management.

Natural resources management (including water management) falls under provincial jurisdiction. For some river basins provinces and the national government coordinate management through basin management authorities. Municipalities and local governments are responsible for urban planning and land use management. Coordination becomes even more complex as investments in the water sector often require financial support from the national government. The Ministry of Public Works (MOP) implements most of these interventions after which they are handed over to the provincial or municipal authorities for operation and maintenance (O&M).

Interventions are often developed to

minimize flood risks at a specific location disregarding upstream opportunities for more efficient water management strategies or downstream effects. This is the result of (i) a siloed approach between governmental departments and jurisdictional levels that are partly the consequence of the federal nature of the country, and (ii) a restriction in mandates, which leads to the overlook of cost-sharing opportunities for multipurpose interventions coordinated between sectoral departments.

As

urban areas face a wider range of shocks and stresses, it is important to promote urban development and sustainability, as well as foster climate resilience in metropolitan areas.

Although urban flood hazard is considered high in Argentina, I few cities have truly integrated water management plans to properly prioritize investments. Some provinces have prioritized investments, and other provinces are carrying out studies, often financed by the national government, to identify the required investments to reduce flood risks in an integrated manner. For the provinces of Buenos Aires and Santa Fe, two of the most affected provinces, the investment needs to reduce flood risks amount to more than US\$3.4 billion alone.

national government, the provinces, the private sector, and the society to adapt to climate change increasing levels

The MPA would support the

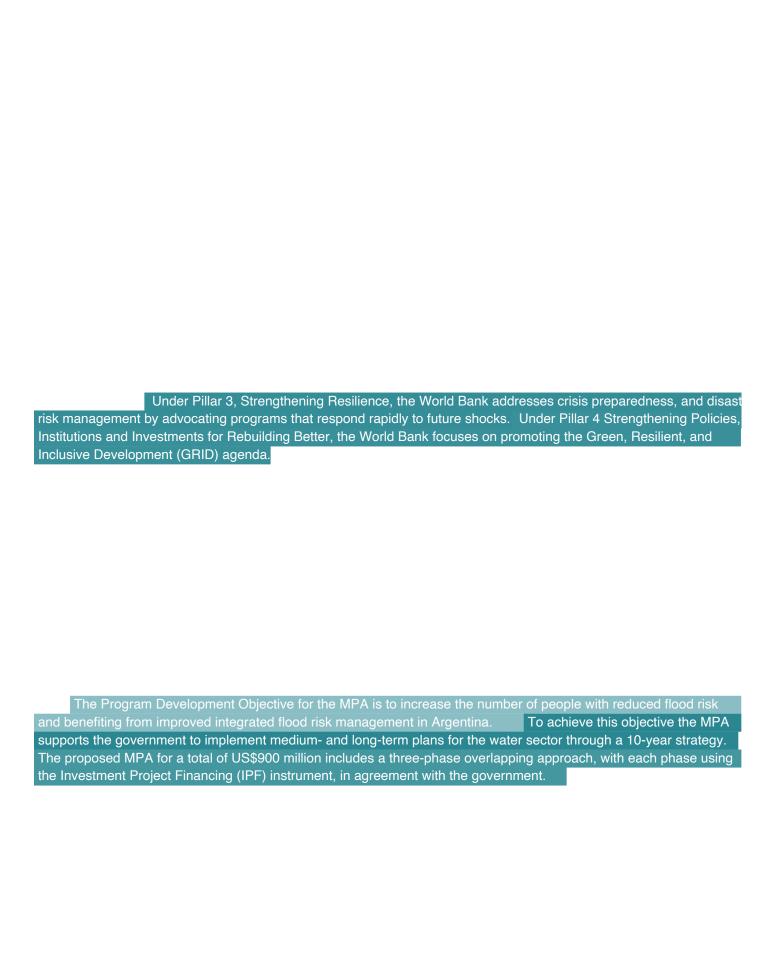
2 0 Green infrastructure (also called natural infrastructure, or engineering with nature) intentionally and strategically preserves, enhances, or restores elements of a natural system, such as streams, wetlands and can also include linear parks with flood plains, bioswales and wadis, or green roofs. Blue infrastructure refers to open water bodies of all sizes to retain water and reduce peak flows towards and in natural

2 The Disaster Risk Prevention and Reduction Program, an entity that aims to promote the inclusion of disaster risk reduction in development policies and land use planning at all levels of the State, through awareness raising and training of key actors.

2 The National Water Policy Guiding Principles are federally agreed statements that allow for integration of technical, social, economic,

legal, institutional, and environmental aspects of water in a modern, and efficient management.

National Plan for the Reduction of Natural Disasters defines the policy guidelines for risk management to guarantee improved security



An MPA allows to address complex flood risk management issues with long-term engagement, flexibility, ar gradually strengthening flood risk management countrywide.	nd
Additionally, the phased approach will allow for national and subnational authorities to progressively build institutional capacity, helping to manage implementation risks.  According to the World Bank projects this requires long term engagement of the World Bank supporting the	ng to
borrower over a period that surpasses the timeframe of a regular Investment Project Financing (IPF).	
During the first phase innovative and gender sensitive green-blue interventions mitigating flood impacts and reducing citizens vulnerability, based on nature-based solutions, non-struct measures, and active engagement with communities will be developed and monitored. Because the MPA provide scalable and modular framework, and a learning agenda is an instrumental part of the MPA, the borrower can lead from implementing interventions and antimizing officiency of investments during subagguent phases.	tural des a
from implementing interventions and optimizing efficiency of investments during subsequent phases.	
The Program Development Objective (PrDO) will be achieved by (i) efficiently blending and developing gree	en-
blue, and grey infrastructure, as well as non-structural interventions, (ii) improving flood risk multi-legovernance, 18 and (iii) increasing the capacity to manage flood risk through an integrated river basin planning approach. These activities are expected to lead to short-term results such as the implementation and operation of grey infrastructure with higher standards, and the improvement of flood mitigation schemes by complementary greated and/or blue interventions. By putting into effect both structural and non-structural interventions, the MPA aims to increase climate resilience and build the capacity for improved flood risk management using river basin planning and the structural interventions.	evel f een
starting point for prioritization of interventions.	

will not be possible to reduce flood risks to an acceptable level.

Without these interventions it

This MPA considers the needs and circumstances particular to each region when building resilient infrastructure, improving operational efficiency, and strengthening water governance.

Considering

the wide range of socio-economic, political, and natural environments, the level of flood risk and the readiness of interventions to reduce flood risks, this MPA pursues a gradual approach divided into three stages.

This will lead to a strong portfolio for the second and third phases while including other provinces and moving toward a country wide approach optimizing the efficiency of the projects using lessons learned and increased capacity at national, provincial, and local levels.

Number of people with enhanced flood protection through Program interventions

b. Number of cities that adopted improved integrated urban flood risk management practices as a result of the Program.

Phase I will focus on

implementing no-regret grey infrastructure, preparation, piloting and implementation of green and blue in interventions, capacity building for local and national decision-makers, to (i) improve the enabling governance environment, (ii) strengthen climate resilience and reducing flood risk, and (iii) set a learning agenda to enhance the design and implementation of comparable interventions in subsequent phases. Interventions will support the development of guidelines on planning, design, implementation, O&M and M&E of structural and nonstructural measures.

Phase II of the MPA will allow for new investments and implementation of interventions prepared during the
first phase.
Phase II will also seek to build on lessons learned in relation
to institutional and governance arrangements and strengthen local capacities.
Phase III of the MPA will further implement interventions and strengthen the integrated management of flood
risk reduction using a basin approach to prioritize and optimize interventions. Like previous phases, this last phase
will regard the scaling-up of interventions in provinces where flood risk reduction is a priority.
With the completion of the
MPA, flood risks will be reduced, and the governance structure will have adopted necessary instruments to improve
prioritization, planning, design, implementation, O&M and M&E of efficient packages of grey, green, blue
interventions and non-structural measures that increase the climate resilience of populations affected by floods.

The nature of the MPA presents similar infrastructure activities (i.e., the use of grey and green/blue infrastructure and non-structural interventions for flood adaptation and mitigation) in the three phases, which makes the MPA an excellent modality for learning lessons and implementing them in the subsequent phases.

earned the learning agenda will initially focus on aspects related to (i) improving the institutional framework and strengthen water governance, (ii) how infrastructure to reduce flood risk can be made more resilient, (iii) strengthening the basic needs for improved sustainability and (iv) how to increase citizens engagement and close the gender gaps that are related to flood risk management and the added value of water in urban development.

## Strengthen water governance.

Previously identified gaps in the Water Security Diagnostic for Argentina suggest the need to (i) develop and update existing flood risk management strategies and/or drainage master plans, (ii) review the challenges of governance arrangements, particularly conflicting or overlapping competencies between local, provincial, and national authorities for effective water management, and (iii) improve benchmarking data on gender aspects. Tackling both challenges will help to close the planning gap and build capacity for flood risk management. The guidelines developed during Phase I will become a framework for subsequent phases, helping to understand what actions should be conducted to improve the involved authorities' performance and how the existing strategies to manage flood risk can be improved.

## Expand resilient infrastructure

Expansion and development of the solutions will be achieved through the inclusion of training /capacity building activities for water resource/network management, plans for flood management, and enhancing response capacity as this will accrue climate adaptation benefits.

Phase I will also provide important input on

how integrating water in urban development can increase the added value of water (economic, social, and environmental) in urban upgrading processes.

The percentage of developed O&M plans has been included as an

indicator in the Phase I results framework.

For consecutive phases it is foreseen that

an indicator will be added related to the inclusion of a budget line in financial plans prepared by responsible authorities.

The PDO is to reduce flood risk in selected cities and improve integrated urban flood risk management in Argentina, and act effectively in case of an Eligible Crisis or Emergency.

Number of people with reduced flood exposure as a result of Project interventions.

Number of people with reduced flood impacts as a result of Project interventions.

c . Number of cities that adopted improved integrated urban flood risk management practices as a result of the Project.

Synchronously, the pipeline for phase II will be built

including the use of innovative concepts to increase efficiency.

All subprojects to be selected subsequently should be aligned with the MPA objectives, have technical designs that consider climate change scenarios, be economically viable and financially sustainable, with clear responsibilities for implementation, O&M and M&E, and ensure satisfactory environmental and social management following the Environmental and Social Management Framework (ESMF).

Climate resilient infrastructure for flood risk mitigation and adaptation in critical cities

(US\$179.5 million).

Structural interventions under

this Project focus on (i) rehabilitating/constructing defense works in urban areas with high vulnerability to flooding damage; and (ii) pluvial drainage works to reduce the areas and communities affected by storms.

Interventions will be integrated in spatial planning, increasing the added value of water in urban areas Intervention details and technical assessments can be found in Annex I.

Evidence-based flood risk mitigation measures (US\$138.75 million). This subcomponent will carry out demand-driven no-regret interventions consisting of rehabilitation, upgrading, reconstruction, or construction of new grey hydraulic infrastructure for urban drainage and flood risk mitigation (e.g., primary drainage channels, secondary and tertiary drainage networks, flow control infrastructure, storage areas, defenses, embankments, and pumping stations among others).

Innovative, integral, and multipurpose flood risk mitigation interventions (US\$40,75

million).

Within the comprehensive matrix of green-blue infrastructure options, this Subcomponent will include the development of retention areas, linear parks, green roofs, and permeable pavements among others.

Additional benefits are the regulation of extreme temperatures (e.g., moderating heat island effects in urban areas), storage of water, reducing GHG emissions (reduction by limiting cement production), and capturing CO2. Furthermore, these solutions could support the creation of recreational areas and urban green corridors adding to the integration, maintenance, and recovery of urban biodiversity.

This component will support

capacity building of local, provincial, and national institutions to improve climate-resilient flood risk management.

This component will also focus on non-structural measures including the development of urban flood risk management plans and strategies, environmental assessments, urban development and solid waste management plans, the revision of legal frameworks, development of early warning systems, and any other tool necessary to strengthen the capacity to operate and maintain the infrastructure for improved urban flood risk management.

These will help authorities in the

development and update of existing flood risk management strategies, drainage master plans, and project development using a more holistic basin approach. Preidentified sustainable flood risk management plans correspond to the cities of Formosa and Clorinda, in Formosa province.

Overall, activities executed under this component aim to support authorities by strengthening their institutional capacity, identifying roles and responsibilities, that ultimately facilitate the development and execution of investments in later phases of the MPA.

Project Management (US\$5 million). This component will provide support to the Project Executing Agency (PEA) for the administration, monitoring, coordination, and supervision of project activities, including environmental and social management aspects, independent audits, and other related activities. It will also support the collaboration between MOP, provinces and cities, and finances participatory and interactive design processes with key stakeholders, all in response to the increased risk of urban flooding due to climate change). Carrying out of Project strategic evaluation activities in coordination with the Ministry of Economy, through the Undersecretariat of International Financial Relations for Development, as responsible for technical-methodological advice.

For the CERC to be activated, and financing to be provided, the Government will need (i) to submit a request letter for CERC activation, and the evidence required to determine eligibility of the emergency, as defined in the CERC Annex; and (ii) an Emergency Action Plan, including the emergency expenditures to be financed; and (iii) to meet the environmental and social requirements as agreed in the Emergency Action Plan and ESCF The mechanism to trigger the CERC will be established in the CERC Manual, which will detail the applicable fiduciary, environmental and social, monitoring, reporting, and any other implementation arrangements necessary for the execution of the proposed activities. In case of an event triggering the component, a reallocation of funds will be introduced to loan disbursement categories, to fund the activities and respond to the emergency.

Under Component 1, the flood risk in selected areas will be reduced through structural measures, directly benefiting the population in these areas, both those who live in the areas (reducing exposure of floods and damage of personal property) and those, working, commuting, studying around these areas with reduced flood related impacts on social and economic activities. With interventions improving the management of urban flood risks, for example, through better planning, prioritization, and more efficient interventions, the people living in the selected cities will benefit from the Project.

The interventions under Component 2 will increase the capacity of cities and authorities to reduce flood risks and to adopt improved integrated urban flood risk management practices.

With a long track record of

supporting the sector with bold interventions, including over 20 years of engagement in mitigating flood risks, support in addressing the poor environmental conditions of the Matanza-Riachuelo river basin, and expanding water supply and sanitation services in low-income northern provinces (Norte Grande Region), the Bank is a trusted partner in the sector, helping the government overcome technical, institutional, financial, and legal challenges, among others. The Bank supports infrastructure investments and provides global technical expertise to encompass institutional development, environmental management, and citizen engagement, assisting the government toward the 2030 agenda and pursuing the SDGs.

Over the past decades, the

Bank has been actively involved in flood risk management in Argentina financing projects that initially focused on recovery and rehabilitation and is now shifting to flood mitigation and flood risk management.

The Bank is well placed

to provide this support given the many flood risk management projects that have been and are being supported by the Bank in this region and in other regions of the world. The Bank has also worked together with other development partners through additional funding.

The World Bank can share global knowledge and provide technical assistance for efficient flood risk management. Bank assistance to support and develop the Project would facilitate the sharing of lessons learned from previous Bank financed projects in Argentina and successful flood risk management projects globally.

The Bank is

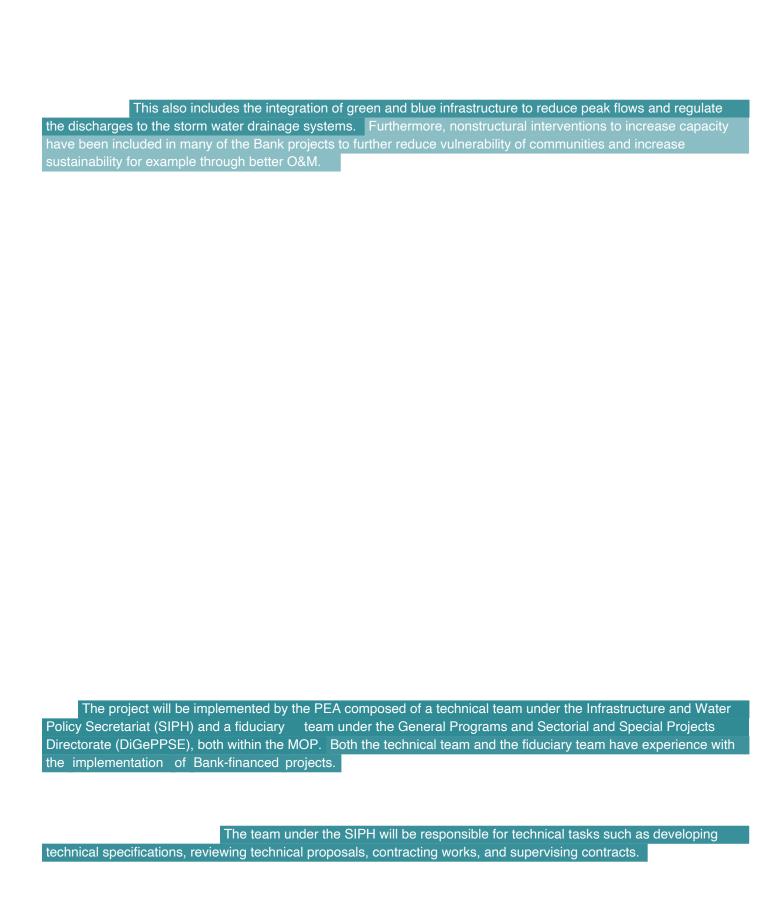
bringing leading international experts and innovative concepts from within and outside the institution to inform the design and support the proposed Project's implementation.

Among

the many projects that have provided important lessons learned for using an integrated approach, are the Sponge City projects in China, the Colombo Wetland Program in Sri Lanka, and the Urban Flood Risk Management projects in Wroclaw (Poland), Beira (Mozambique) and Kigali (Rwanda).

Often interventions to reduce flood risks are implemented as a reaction.

to an extreme event.



The financial management, procurement, environmental and social responsibilities will be carried out by DiGePPSE that has shown good capacity to work with Bank systems.

Specifically, for environmental, social, health and safety management (ESHS) the DiGePPSE has a dedicated team composed of five environmental specialists (three senior artwo junior), two social specialists, two health and safety specialists and one general ESHS coordinator.

General environmental and social management responsibilities (including supervision) will remain in DiGePPSE, which will coordinate activities with local entities as necessary. On an Specifically, basis, the cuse of allowed of the management costs is allowed of the mitigate the risk that replacementation of the contraction of the cost of allowed of the cost of the

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This will enable the responsible provincial and municipal authorities to carry out O&M to increase the sustainability of projects and ensure that the strategies, plans and tools to be developed will be used in an optimum manner.

will be laid out in an annex of the agreement signed between the national government and the authority that will receive the works.

The PEA will

be responsible for organizing and merging the data coming from different levels of government (provincial and municipal) to track the advancement of the program against the indictors detailed in the results framework.

To ensure sustainability the national government will work with the responsible provincial and municipal authorities to improve capacity and develop the protocols needed to allocate resources for O&M and M&E.
MOP and responsible provincial and / or municipal authorities will sign agreements that lay out the tasks that need to
be carried out during preparation, implementation, O&M and M&E. These agreements will be in force during the implementation to allow the provincial and municipal authorities to partake in the planning, design, and implementation ensuring that the subnational authorities will take full ownership of the interventions they receive. The agreements also will describe the responsibilities after implementation including the obligation to allocate
sufficient funds for O&M.
In averaging the popied population and population value of suptain will also increase a sustainability of the average
Increasing the social, ecological, and economic value of water will also improve sustainability of the projects.
Therefore, increased collaboration with urban
development will be sought to ensure that water and especially flood risk management will be properly integrated in
neighborhood upgrading.
These interventions are assessed as no-regre
measures meaning that, given their urgency, expected impact, and efficiency, they will be implemented in any given alternative package of interventions to reduce flood risks.
The Project will fund
additional flood risk management interventions to be defined during implementation.
Under Component 2 the government will prepare urban flood risk management plans using their

existing drainage plans as a starting point.

The

proposed interventions were found technically adequate, with designs that address the need to upgrade the systems to adapt to climate change effects and address the challenges derived from flood risks in each urban setting.

Additional interventions to be identified will also include

green and grey infrastructure to improve drainage and adapt to climate change effects and non-structural interventions to improve sustainability.

It

comprises several structural interventions to reduce flood risks. Additionally, non-structural interventions will be carried out to improve capacity for O&M, development of an early warning system and adequate solid waste management as this will allow the use of the full retention and discharge capacity of the system needed in the face of climate change. The intervention will also include the construction of a water park for public use, increasing awareness on issues like climate change and flood risks.

Improvement of the existing hydraulic conditions of the Canal Alvarado and the integration of the works in urban development in San Salvador de Jujuy, Jujuy (US\$8.8 million). This intervention will recondition and improve the existing stormwater drainage system in the San Pedrito neighborhood. This activity will address issues resulting from uncontrolled urban sprawl, which has led to the expansion of vulnerable settlements along the canal. Non-structural interventions will include regulating land use in the riparian area allowing for more room for water (retention) to adapt to changing precipitation patterns; (ii) development of an early warning system; and (iii) improved solid waste management.

c. Rehabilitation of Canal Alvear and secondary drainage network in the city of Salta, Salta (US\$23.4 million). The main part of the intervention4 I seeks to rehabilitate and upgrade the existing tunneled section of the Canal Alvear and its secondary network draining to the Canal-Alvear basin to increase the capacity in the face of climate change. This will be combined with the development of green retention areas to reduce the peak flow toward the canal and reduce the impact of increased precipitation.

The intervention includes citizens

engagement programs to raise awareness on climate change, flood risk management, resilience, and waste management.

d. Improvement of the Arribalzaga street drainage network, and rehabilitation of Canal Soberania, Resistencia, Chaco (US\$18.3 million).

Interventions considered to reduce impact are (i) rehabilitation of the existing Canal Soberania (10Km) including the construction of a linear park to retain water, and (ii) improvement of the drainage system located in the Avenida Arribalzaga including tunneled drainage and green interventions like rain gardens to reduce the peak flows toward the drainage system.

<sup>&</sup>lt;sup>4</sup> 1 The tunneled section and secondary drainage network are estimated at 80 percent of the costs and 20 percent of the costs will be related to green interventions.

Previous Bank-financed operation to be financed under this project are ed				
(EIRR) and benefit-cost ratios (B/C) lar economic assessment of structural fl				
additional benefits and underestimating				
			1. 20	Other benefits,
associated with the regularization of in- like improved air quality, GHGs emission				
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de Jujuy, benefits were estimated using a combination of avoided damage and hedonic prices methods.

Fiduciary

(i) Financial Management

No other than standard conditions for FM will be applicable to the project

The Argentinian legal framework for FM is well-developed at all levels of government, which is supported by the 1992 Financial Administration Law, revised in 2006, that regulates budgeting, public credit, treasury, government accounting, and internal controls.

The Implementing Agency will be composed by a technical team under the SIPH and a fiduciary team under the DiGePPSE, both within the Ministry of Public Works. The team at SIPH will oversee the coordination and technical implementation of the program, coordinating with the provincial and municipal governments, while the DiGePPSE will oversee the administration as well as the budgetary, environmental, and social, financial, and legal issues. At present these implementation arrangements are used in several programs financed by multilateral development banks.

Given the type of interventions included in the project, no valuable ecosystems, or habitats (legally protected and internationally recognized areas of high biodiversity value) are also expected to be affected.

In principle, there is low probability of serious adverse effects to human health, being the current COVID pandemic (and uncertainties on its evolution) and the recurrent dengue epidemic the main related risks to be managed, in addition to standard working health and safety risks, that usually are present in this kind of urban infrastructure projects.

The preliminary identified social risks and impacts are few and expected to be low to moderate and easily managed through either subproject design and construction planning (avoidance) or through appropriate mitigation measures included in the environmental and social risk management instruments.

Subprojects may include minor land acquisition, and permanent physical or economic displacement.

For the management of these risks and potential impacts, the MOP has developed a set of Environmental and Social instruments. For interventions pre-identified during preparation and for which preliminary designs have been developed (in the cities of Jujuy and Salta) the MOP prepared the Terms Of Reference (TOR) for the Environmental and Social Impact Assessments, which were disclosed in-country and in the World Bank external website on November : , , , 2022. The TOR of the Jujuy subproject were consulted at the local level and the corresponding report was disclosed in country on February £ , 2023 and in the World Bank external Website on February 2, , 2023; the consultation process

For interventions to be identified during project
implementation, the MOP will develop an ESMF establishing the E&S management requirements to be applied to the
subproject selection, design, and implementation; it will be finalized before initiating the preparation of any subproject
selected during implementation.
However, given the priority given to flood risk reduction, the high need to address
these aspects in pre-selected cities and locations and the flexibility to include additional projects in this or consecutive
phases of the MPA, the risk is rated as moderate. Considered mitigation measures include (i) active consultation with
the borrower to understand political and governance risks, (ii) constant monitoring of the dynamics of the political
situation in the country, and (iii) conduct regular risk analyses with the Country Management Unit (CMU) and
coordinate an appropriate risk response.

by the Bank to mitigate the risk of constrained counterpart financing during this fiscal situation. The contracts will have

specific price adjustment clauses to further mitigate the risks.

The project will be fully financed

These risks will be minimized through ensuring the participation of the benefiting province/municipality in the design, development of Terms of References, tendering and implementation, and the provisioning of capacity building for the involved institutions at local, provincial, and national levels to increase technical capacity.

## RESULTS FRAMEWORK AND MONITORIN

Results Framework COUNTRY: Argentina

Climate Resilient Infrastructure for Urban Flood Risk Management Project

Project Development Objective(s)

The PDO is to reduce flood risk in selected cities and improve integrated urban flood risk management in Argentina, and act effectively in case of an Eligible Crisis or Emergency.

Each project will be supported by complete technical designs considering climate change effects, proof of its economic feasibility, financial sustainability, as well as adequate environmental and social management.

Ac	lditionally, urban growth
vas not accompanied by the necessary urban drainage infrastructure works, causing the e	
pecome less efficient and resulting in exacerbated flooding episodes after rainfall events.	

c. The current drainage system lacks development and maintenance, especially the secondary drainage network that no longer has the capacity to drain sufficient storm water.

The selected intervention will improve the hydraulic conditions of the existing

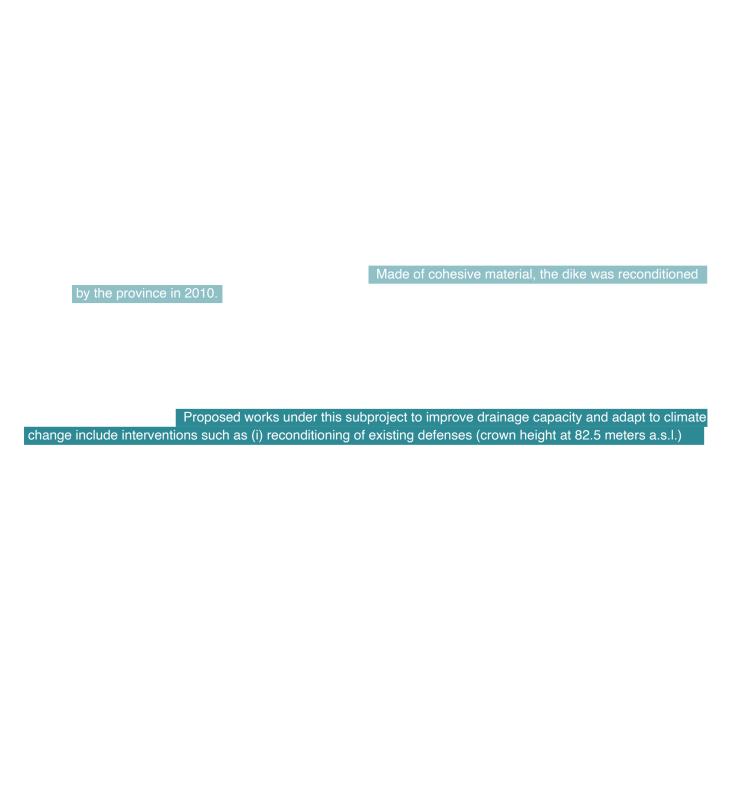
Canal Alvear in the Caseros-Alvear basin.

The need for flood reduction

infrastructure in this area is evident.

tunnel or emissary to be rebuilt with reinforced concrete, improvement of the secondary drainage system and construction of rain gardens to reduce the peak discharge. The designs for the new infrastructure will take into consideration the effects of climate change.

Fast urban development with limited consideration of criteria related to storm water drainage resulted in	
insufficient drainage capacity and flooding exacerbated by improper solid waste management.	
d . Lack of infrastructure maintenance and upgrading to adapt to climate change.	
Proposed works in San Salvador de Jujuy to adapt to climate change and reduce	
flood risks include (i) the construction of a new Canal (2.5Km), (ii) the consolidation of the surface runoff	
stormwater drainage network (4867m of gutter systems and 468m 2 of channels), and (iii) the planting of Squares	
Parks, and Green Corridors along the Canal as a complement to grey infrastructure and to increase water retention	4
Parks, and Green Corridors along the Canal as a complement to grey infrastructure and to increase water retention in the focus areas.	
in the focus areas.  Also, a series of non-structural interventions are expected to be developed including	
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The Project will finance the construction of a tunnel in combination with rain gardens for retention to better regulate discharge and reduce flooding in the area.

Interventions considered are (i) rehabilitation of Canal Soberania (10Km), (ii) Av

However, all works will complement existing schemes, including pumping stations with evacuation capacities of less than 10m 3/s and less than 5 Km long drainage pluvial systems.

Within the comprehensive matrix of green-blue infrastructure options, the Project will include retention areas, rain gardens, and permeable pavements, amongst others.

In Salta, the identified intervention focuses on developing a linear park along the Canal Oeste to increase retention capacity and stormwater infiltration (cost yet to be determined).

In Resistencia, the identified intervention focuses on developing a linear park along Canal Soberania Nacional (cost yet to be determined).

The Borrower is the Argentine Republic, and the Implementing Agency will be composed by a technical
team under the SIPH and a fiduciary team under DiGePPSE, both within the MOP. The team at SIPH will oversee
the coordination and technical implementation of the program, coordinating with the provincial and municipal
governments, while the DiGePPSE will oversee the administration as well as the budgetary, environmental, and
social, financial, and legal issues. At present these implementation arrangements are used in several programs
financed by multilateral development banks. While the requests for interventions will come from provincial and
municipal governments, the PEA will be responsible for (outsourcing) the design and implementation of the
interventions. Municipalities and provincial authorities will be involved throughout the design, bidding and
implementation providing the required information to prepare and assess projects, review every work

This will enable the responsible provincial and municipal authorities to carry out O&M to increase the sustainability of the projects and ensure that the strategies, plans and tools to be developed will be used in an optimum manner.

This collaboration and coordination between the different levels of governments will be laid out in an annex of the covenant signed between the national government and the authority that will receive the works.

General environmental and social

management responsibilities (including supervision) will remain in DiGePPSE, which will coordinate activities with local entities as necessary.

Additionally, the procurement capacity assessment determined that the PEA has experience in implementing Bank's operations and other multilateral development organizations financed Projects (IDB, CAF,
FONPLATA, etc.)
The fiduciary risk rating would be reviewed and updated during project
preparation, based on new developments and the impact of any mitigation measures that may be taken (e.g., capacity building of fiduciary teams; preparation of the POM which will describe main fiduciary procedures and
controls, etc.).
Participate in the fiduciary training for Bank projects, if required.
Tarticipate in the nadiciary training for Barik projects, in required.

Flow of funds: Bank funds will be transferred to specific segregated account, to be opened specifically for
the Project, Designated Account (DA) in US dollars at the Banco de la Nacion Argentina (BNA) under control of the
DIGEPSE
Another segregated bank account will be opened (DiGePPSE local currency operating account) in the BNA
in local currency, for the purpose of: i) receiving funds from the DA to pay for eligible expenditures to be paid to
suppliers/vendors by DiGePPSE; and ii) receiving local funds from the National Budget Payment processes will be
registered by DiGePPSE in the UEPEX and e-SIDIF systen
The IFRs (for financial reporting purposes and not disbursement purposes) and SOEs will be prepared by
DiGEPSE, with information available in UEPEX

The disbursement of Project funds to DiGePPSE will be processed in accordance stipulated in the Legal Agreement and in the Disbursement and Financial Information Letter	
The Project Application Deadline Date (final date on which the Bank will accept W or documentation on the use of loan proceeds already advanced by the Bank) will be four Closing Date.	

The PPSD is focused the main risks that co	d on the most relevents ould jeopardize the	ant contracts incl procurement obj	uded under all con ectives and the sul	nponents and analyz bsequent mitigation r	es the target marke neasures.

	identified intervention ese are eligible for Pr		t this stage, will be	evaluated for their ec	onomic feasibility
The horiz	zon of analysis and th	ne discount rates a	re aligned with Wo	orld Bank Guidance	50
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				ation and data availabi an interventions and	
				flood was mitigated).	
To quant	ify the direct benefits	of flood risk reduc	tion the Avoided D	amage Method was u	sed.

	As for costs, both capital and O&M costs were considered for
the 30-year time frame on the basis of market price	
Can	al Alvarado presents four objectives: (i) flood risk mitigation; (ii)
	mprovement; (i) increase access to public spaces.



The approach for the implementation support plan was built on the experience gained from previous and ongoing water and urban projects in Argentina.
Specialized engineering, flood risk management, communications, and education inputs are required to revise bid documents to ensure fair competition through proper technical specifications and a fair assessment of the technical aspects of the bids. During preparation and construction, technical supervision will be needed to ensure that contractual obligations and quality requirements are met, as well as to review any requested change in the selected technical method or design.
The Bank team will supervise implementation of the social and environmental
management instruments and provide guidance to the implementation team to address any issues.  Formal supervision will be provided through missions,
including visits to works sites, and through the revision of the semiannual reports to the Bank, which will include a dedicated chapter on environmental and social risks management aspects for the period covered, as will be established in the POM. It is envisioned that environmental and social specialists will be available to support the PEA and the coordination/liaison teams at subnational levels to minimize potential social and environmental risks.
The scope, nature, and objectives of the Project indicate that there will be a continuous need for dialogue, particularly in the areas of planning, institutional arrangements, meteorological and hydrological services, and financial protection against disasters.