

Annual Work Plan 2020-2021

**Thematic Area: Disaster Risk
Management and Resilient
Development**



Table of Contents

Introduction	3
Sub-working group 1: R&D&I&E (research, development, innovation and entrepreneurship) for resilience	¡Error! Marcador no definido.
1. GENERAL OBJECTIVE	4
2. ACTION LINES	¡Error! Marcador no definido.
3. PRODUCTS	4
4. ACTIVITIES, DEADLINES AND INDICATORS	4
Sub-working group 2: Critical Resilient Infrastructure	¡Error! Marcador no definido.
1. GENERAL OBJECTIVE	5
2. ACTION LINES	¡Error! Marcador no definido.
3. PRODUCTS	5
4. ACTIVITIES, DEADLINES AND INDICATORS	5
Sub-working group 3: Resilience and Cross-Border Risk Reduction	¡Error! Marcador no definido.
1. GENERAL OBJECTIVE	6
2. ACTION LINES	¡Error! Marcador no definido.
3. PRODUCTS	6
4. ACTIVITIES, DEADLINES AND INDICATORS	6
Sub-working group 4: Mutual Assistance	¡Error! Marcador no definido.
1. GENERAL OBJECTIVE	7
2. ACTION LINES	¡Error! Marcador no definido.
3. PRODUCTS	7
4. ACTIVITIES, DEADLINES AND INDICATORS	7
Annex 1: WORK PLAN 2020 - Sub-working group 1: R&D&I&E	9
Annex 2: WORK PLAN 2020 - Sub-working group 3: Resilience and Cross-Border Risk Reduction	10
Annex 3: WORK PLAN 2020 - Sub-working group 4: Mutual Assistance	11

Introduction

On 22 March 2019, the presidents of Argentina, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay and Peru signed the Presidential Declaration on the renewal of the strengthening of South American integration and agreed on the establishment of PROSUR as a space for coordination, cooperation and regional integration.

In this context, during 2019 the process of forming the Working Group for the thematic area of Disaster Risk Management and Resilient Development was developed, as prescribed in the Declaration of Presidents of PROSUR. The general objective of this thematic area is "to promote cooperation for the resilient and sustainable development of countries and their territories, through management to reduce disaster risk in South America."

To this end, the group will promote and implement initiatives in key areas of disaster risk management, in line with international frameworks and regional plans for DRR, as well as agendas aimed at contributing to the sustainable development of South American countries, with emphasis on R&D&I&E initiatives (research, development, innovation and entrepreneurship) to reduce disaster risk, on the sharing of knowledge and on the strengthening of resilience in South America.

This document is submitted to the Pro Tempore Presidency of Chile as a result of the work carried out during 2019 and 2020, which has been facilitated by the National Emergency Office of the Ministry of the Interior and Public Security of Chile (ONEMI), in its role as Sector Coordinator of the Pro Tempore Presidency for the Working Group of the thematic area of Disaster Risk Management and Resilient Development. It presents the planning of the lines of action and activities agreed upon for the period 2020-2024, which are initially defined in the Sectorial Plan of the thematic area, which was agreed upon by the member countries of PROSUR through a process of dialogue and consultation. It also sets out the planning of actions to be carried out during 2020 and 2021, in order to move towards the materialization of the products defined for the respective lines of action and assumed by the Sub-working Groups of the body.

Sub-Working Group 1: R&D&I&E (Research, Development, Innovation and Entrepreneurship) for Resilience

1. OBJECTIVE

To promote and create national and regional spaces for research, development, innovation and entrepreneurship that allows the implementation of disaster risk management as an essential development policy for regional sustainability and resilience.

Leading Country: Chile

Participating countries: Paraguay

2. ACTION LINES

- Line 1: Resilient economy and financing for disaster risk management.
- Line 2: Cooperation for monitoring and early warning.
- Line 3: Data infrastructure for disaster resilience.
- Line 4: Fostering the challenge of providing innovative solutions in the entrepreneurial ecosystem.

3. PRODUCTS

- Line 1: Resilient economy and financing for disaster risk management.
 - Product A1: Consolidated Best Practice Report on Fiscal Resilience.
- Line 2: Cooperation for monitoring and early warning.
 - Product B1: Cooperation strategy/alliance for hydrometeorological capacity building (monitoring, forecast and early warning).
- Line 3: Data infrastructure for disaster resilience.
 - Product C1: Methodologies for integration and analysis of data sets.
- Line 4: Fostering the challenge of providing innovative solutions in the entrepreneurial ecosystem.
 - Product D1: Guidelines for the development of "National Challenges" for the search of innovative solutions to urgent issues prioritized by member countries.

4. ACTIVITIES, DEADLINES AND INDICATORS

Action Lines	Products	Deadline (Year)	Indicator
Resilient economy and financing for disaster risk management.	Consolidated Best Practice Report on Fiscal Resilience.	2020-2022	An electronic document on best practices in fiscal resilience has been developed, approved and disseminated.
Cooperation for monitoring and early warning.	Cooperation strategy/partnerships for regional or sub-regional hydrometeorological capacity development (monitoring, forecasting and warning).	2020-2024	Number of agreements signed or projects for cooperation in hydrometeorological monitoring and early warning .
Data infrastructure for disaster resilience.	Methodologies for integration and analysis of data sets.	2020-2024	A best practice document has been developed.
Foster the challenge of providing innovative solutions in the	Guidelines for the development of "National Challenges" for the search for	2020-2024	A document entitled Guidelines for the development of "National Challenges" has been

Action Lines	Products	Deadline (Year)	Indicator
entrepreneurial ecosystem.	innovative solutions to urgent issues prioritized by member countries		prepared and disseminated.

The work plan of the activities to be carried out during the year 2020 is shown in Annex 1.

Sub-Working Group 2: Critical Resilient Infrastructure

1. OBJECTIVE

Encourage collaboration among sectors and institutions responsible for the development, operation, sustainability and resilience of critical services and infrastructure against disaster risk. To this end, initiatives may be articulated with the Infrastructure Thematic Area of PROSUR.

Leading Country: Undefined

Participating Countries: Colombia

2. ACTION LINES

- Line 1: Risk estimation methodologies and sustainability indicators for different types of infrastructure.
- Line 2: Standards, design and regulation for the development, operation and maintenance of critical infrastructure, with emphasis on operational continuity.
- Line 3: Planning for rehabilitation and resilient reconstruction.
- Line 4: Incorporation of the region's countries into the Coalition for Disaster-Resilient Infrastructure (CDRI).

3. PRODUCTS

- Line 1: Risk estimation methodologies and sustainability indicators for different types of infrastructure.
 - Product A1: Methodology for the cost-benefit analysis (in resilient infrastructure) of investing in DRR.
 - Product A2: Diagnosis of existing methodologies.
- Line 2: Standards, design and regulation for the development, operation and maintenance of critical infrastructure, with emphasis on operational continuity.
 - Product B1: Seminar on best practices for operational continuity.
- Line 3: Planning for resilient rehabilitation and reconstruction.
 - Product C1: Sectoral training programs in critical resilient infrastructure.
- Line 4: Incorporation of the region's countries into the Coalition for Disaster-Resilient Infrastructure (CDRI).
 - Product D1: PROSUR countries joining the Resilient Infrastructure Coalition.

4. ACTIVITIES, DEADLINES AND INDICATORS

The activities, deadlines and indicators of the products defined for this sub-working group, as well as its annual planning of activities, will be defined in the future, to the extent that a PROSUR country takes on the leadership of this sub-working group. It is expected to start its activities in 2021.

Sub-Working Group 3: Resilience and Cross-Border Risk Reduction

1. OBJECTIVE

Identify border areas with potential for collaborative work in disaster risk management and promote actions for resilience in these geographical areas.

Leading Country: Brazil

Participating Countries: Chile, Colombia, Guyana and Paraguay

2. ACTION LINES

- Line 1: Cooperation for warning and monitoring of threats in border areas.
- Line 2: Border strategies for emergency and disaster response.
- Line 3: Resilience of infrastructure and processes in cross-border areas.

3. PRODUCTS

- Line 1: Cooperation for warning and monitoring of threats in border areas.
 - Product A1: Manual of good practices for warning and monitoring in border areas.
 - Product A2: Strategy for bi-national and multi-country agreements.
- Line 2: Border strategies for emergency and disaster response.
 - Product B1: Baseline for the design of mutual assistance plans in border areas.
 - Product B2: Mutual assistance plans in priority border areas.
- Line 3: Infrastructure and process resilience in cross-border areas.
 - Product C1: Elaboration of development and integration projects in border areas that do not increase the risk of disasters.
 - Product C2: Border integration strategy for disaster resilience.

4. ACTIVITIES, DEADLINES AND INDICATORS

Action Lines	Products	Deadline (Year)	Indicator
Cooperation for warning and monitoring of threats in border areas.	Manual of Good Practices for Warning and Monitoring in Border Areas.	2023 – 2024	- Electronic document containing a Manual of Good Practices.
	Strategy for bi-national and multi-country agreements.	2023 – 2024	- Number of bi-national or multi-country agreements signed.
Standardization and facilitation of humanitarian aid procedures in border areas.	Baseline for the design of mutual assistance plans in border areas.	2020 - 2022	- Baseline document for the design of mutual assistance plans in border areas developed and disseminated.
	Mutual assistance plans in priority border areas.	2020 - 2024	- Priority border areas identified. - Number of mutual assistance plans in priority border areas developed.
Infrastructure and process resilience in cross-border areas.	Elaboration of development and integration projects in border areas that do not	2020 - 2024	- Guidance for elaborated development and integration projects.

Action Lines	Products	Deadline (Year)	Indicator
	increase the risk of disasters.		- Identification of DRR projects in priority border areas.
	Border integration strategy for disaster resilience.	2022 - 2024	- Border Integration Strategy Paper for Disaster Resilience developed and disseminated.

The work plan of the activities to be carried out during the year 2020 is shown in Annex 2.

Sub-Working Group 4: Mutual Assistance

1. OBJECTIVE

Strengthen agreements and actions for mutual assistance in the event of disasters, which contribute to the existing humanitarian response mechanisms in each country.

Leading Country: Ecuador

Participating Countries: Brazil, Colombia

2. ACTION LINES

- Line 1: Guidelines on mutual assistance in case of disasters.
- Line 2: Simulations and drills.
- Line 3: Strengthening of human resource capacities.

3. PRODUCTS

- Line 1: Guidelines on mutual assistance in case of disasters.
 - Product A1: Cooperation manual/guidelines for mutual assistance in case of disasters.
 - Product A2: Single sheet for border transit of humanitarian aid.
- Line 2: Simulations and drills.
 - Product B1: Regional exercise.
 - Product B2: Multi-country exercise.
 - Product B3: Participation of member countries in national simulations and drills (national, sub-national, sectorial).
- Line 3: Strengthening of human resource capacities.
 - Product C1: Regional training.
 - Product C2: Participation of member countries in national training (national, subnational, sectorial).
 - Product C3: Exchanges and internships.

4. ACTIVITIES, DEADLINES AND INDICATORS

Action Lines	Products	Deadline (Year)	Indicator
Guidelines on mutual assistance in case of disasters	Cooperation manual/guidelines for mutual assistance in case of disasters.	2020 - 2023	Regional document revised and approved by PROSUR member countries.

	Single sheet for the cross-border transit of humanitarian aid.	2023-2024	Approved form.
Simulations and drills	Regional exercise.	2023	Performance report on the exercise.
	Multi-country exercise.	2022	Performance report on the exercise.
	Participation of member countries in national simulations and drills (national, sub-national, sectorial).	2021	Official invitation to PROSUR countries.
Strengthening of human resource capacities	Regional trainings.	2021-2024	Course performance report.
	Participation of member countries in national trainings (national, sub-national, sectorial).	2021-2024	Official invitation to PROSUR countries.
	Exchanges and internships.	2021-2024	Official invitation to PROSUR countries.

The work plan of the activities to be carried out during the year 2020 is shown in Annex 3.

PROPOSALS UNDER REVISION

In its 2019-2020 period sessions, the Disaster Risk Management for Resilient Development Group has agreed to keep the following initiatives under consideration for the 2021 period:

1. Incorporation of a new line of work to Subgroup 3, Resilient Infrastructure, under the title "Strengthening public policies for the integration of disaster risk management in development sectors." The proposal will be considered in conjunction with the country that assumes the coordination of the Subgroup as of 2021.
2. Creation of Working Subgroup 5: Integration of disaster risk management in development planning instruments. The proposal will be addressed from the strategic review of the instruments to be conducted in 2021.

Annex 1: WORK PLAN 2020 – Sub-working Group 1: R&D&I&E

Action Lines	Products	Activities	Start Month	End Month	USD Budget	Funding Sources	Responsible
Resilient economy and financing for disaster risk management.	Manual of best practices for fiscal resilience.	- Compilation of existing information and documentation.	March	December	N/A	Institutional budget	Chile
		- Analysis of collected information.	December	March 2021	N/A	Institutional budget	Chile
		- Elaboration of concept note (TOR) on scope and way to develop manual.	August	November	N/A	Institutional budget	Chile
Data infrastructure for disaster resilience.	Methodologies for integration and analysis of data sets.	- Compilation of information on the state of the art in the region (projects developed, in which countries and policies on the subject).	May	December	N/A	Institutional budget	Chile-Paraguay
		- Issuance of a consolidated report of the findings for planning 2021.	December	March 2021	N/A	Institutional budget	Chile-Paraguay

Not applicable (N/A): The activities will be developed by the human resources that the involved institutions assign for this purpose.

Annex 2: WORK PLAN 2020 - Sub-Working Group 3: Resilience and Cross-Border Risk Reduction

Action Lines	Products	Activities	Start Month	End Month	USD Budget	Funding Sources	Responsible
Border strategies for emergency and disaster response.	Baseline for the design of mutual assistance plans in border áreas.	Data collection of actors in countries acting on disaster assistance in border areas.	September	December	N/A	Institutional budget	Brasil
		Data collection on initiatives/actions in the countries related to disaster assistance in border areas.	November	2021	N/A	Institutional budget	Brasil
		Data Collection on existing mutual assistance plans in border areas.	December	2021	N/A	Institutional budget	Brasil
	Mutual assistance plans in priority border areas.	Identificación de zonas fronterizas prioritarias para a RRD	December	2021	N/A	Institutional budget	Brasil

Not applicable (N/A): The activities will be developed by the human resources that the involved institutions assign for this purpose.

Annex 3: WORK PLAN 2020 - Sub-Working Group 4: Mutual Assistance

Action Lines	Products	Activities	Start Month	End Month	USD Budget	Fuentes de financiamiento	Responsable
Mutual assistance in the event of disasters	Manual on cooperation for mutual assistance in the event of disasters.	Compilation of MFA (or similar) manuals for mutual assistance in the event of disasters in PROSUR countries.	June	November	N/A	Institutional budget	Ecuador, National Risk and Emergency Management Service

Translation made by International Center, upon request by the Translation Department of the Chilean Ministry of Foreign Affairs.

Santiago, Chile, March 4th, 2020

Alejandra Vergara Zapata
Translator

Vetted by Cristobal Mena A.
Focal Point
ONEMI/PROSUR