

# MiResiliencia Bolivia Consolidation Project

Ensuring the integration of disaster risk reduction into territorial planning and sector investment at national, regional and local levels

Bolivia



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
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Swiss Confederation

Swiss Agency for Development  
and Cooperation SDC

## Theme

- Disaster Risk Reduction (DRR) and Climate Change,
- Disaster Risk Governance and Government Investment

## Partners

- HELVETAS Swiss Intercooperation
- Ministry of Development Planning (MPD)
- Ministry of Environment and Water (MMAyA)
- Ministry of Public Works, Services and Housing (MOPSV)
- Environmental Hydraulics Institute of the University of Cantabria (IH-Cantabria)
- La Paz and Santa Autonomous Municipal Governments

## General information

The government's new comprehensive planning system and its tools for public investment, such as the Pre-investment Regulations, require that all public investment in Bolivia consider Disaster Risk Reduction and Climate Change Adaptation. Switzerland supported the country's efforts to develop this issue for several years, particularly through the "MiResiliencia" tool, which is key for analysing the cost-effectiveness of prevention and mitigation measures, and includes the impact of climate change and the prioritisation of public investment.

The Environment and Water, Public Works and Development Planning sectors have started to mainstream the tool, but have asked Switzerland for technical assistance to strengthen their professionals' work capacities and to help implement the public policy, through a \$40 million programme provided by the Inter-American Development Bank.

## Project objective

Promote resilience in government investment through mainstreaming MiResiliencia and building capacity in the Environment and Water, Planning and Public Works sectors.

## Beneficiaries

### Direct:

- Ministry of Development Planning (MPD)
- Ministry of Environment and Water (MMAyA)
- Ministry of Public Works, Services and Housing (MOPSV)
- Some 10,000 households in the area of influence of MPD, MMAyA and MOPSV projects
- Nine department governments and three universities

**Indirect:** At least 20 municipalities; self-employed practitioners and civil society

## Budget

CHF 330'000,00

## Duration

01 march 2021 - 28 february 2023



Switzerland has supported the Ministry of Environment and Water (MMAyA) and the Ministry of Development Planning (MPD) for 14 years (since 2005) in the Disaster Risk Reduction Programme (PRRD) and others, to integrate Disaster Risk Reduction and Climate Change Adaptation (DRR and CCA) into territorial planning and public investment and increase the resilience of development initiatives. In the programme's final years, SDC developed "MiResiliencia Bolivia" as a tool for the cost-benefit analysis of prevention and mitigation measures. With this new initiative, SDC hopes to consolidate and mainstream the tool nationwide, working at various government levels, sectors and agencies, to ensure that it is promoted and applied to ensure sustainable development.

In line with its international commitments, the Bolivian government has given priority to a number of activities in the framework of its Nationally Determined Contributions (NDCs). It also has an important public investment portfolio that must make DRR and CCA binding and mandatory, which creates an interesting opportunity for mainstreaming the MiResiliencia tool.

The **MiResiliencia Bolivia Consolidation Project** will establish the project's importance for the cost-benefit analysis of national-level prevention and mitigation measures.

Mainstreaming this tool and strengthening capacities for incorporating DRR and CCA in planning and investment in Bolivia will help improve the resilience of Bolivia's economically and environmentally vulnerable rural communities and urban centres, and improve their living conditions. The project will help the authorities allocate resources where they are most needed and assess the cost-effectiveness of prevention and mitigation measures through a cost-benefit analysis. The tool is relevant beyond national borders and has great potential for replication in other countries in the region and the world.

There are still challenges, however. *MiResiliencia* must be mainstreamed in the Ministry of Environment and Water, incorporated into other sectors such as the Ministry of Public Works, but above all adopted as a mandatory instrument, as determined by the Ministry of Development Planning, to make all public investments more resilient by the incorporation of the Disaster Risk Reduction approach in the government's new Integrated Planning System (SPIE). This will all help make the PRRD's achievements sustainable and in line with SDC's strategy in Bolivia.

## General objective

Incorporate Disaster Risk Reduction and Climate Change Adaptation, promote resilience in public investments through mainstreaming *MiResiliencia* and strengthen capacity in the Environment and Water, Planning and Public Works sectors.

## Intervention strategy

The intervention strategy responds to technical assistance needs for applying the *MiResiliencia* tool in the portfolios of the IDB's "Resilient Bolivia in the face of climate change" programme and the World Bank's Resilient Cities programme. The intervention will be twofold:

**i) Mainstreaming**  
**Strengthening capacities, regulations, pedagogical examples and tools to provide solid support for the use of *MiResiliencia* to be compulsory and for the growing demand for it to be addressed, with corresponding capacity-building nationwide.**

- **Advocacy for mainstreaming *MiResiliencia***, by raising authorities' and decision-makers' awareness of the importance of the DRR/CCA focus in investments and the use of tools such as *MiResiliencia*, of coordination with key partners and of strengthening the sectors' capacity.
- **Evidence and pedagogical examples of *MiResiliencia*** in the portfolios of the IDB and WB pilot projects (IH-Cantabria and Resilient Cities) in at least two sectors, two department governments and four municipalities.
- **Sector regulations and guides for applying *MiResiliencia***, adapted to each sector's needs.
- **Increasing agency capacities and tool ownership** for operating and monitoring *MiResiliencia*, and for incorporating DRR and CCA in project portfolios and sector regulations.

Coordination between the MMAyA, MPD and MOPSC ministries and the IDB (IH-Cantabria) project will be very important for successfully mainstreaming the tool. The IDB project will also use *MiResiliencia*, and will be a catalyst for 10 major pre-investment and investment projects in Bolivia, helping to mainstream the tool successfully.

**ii) Knowledge Management and Capacity-Building**  
**Producing a critical mass and large-scale transfer of the knowledge produced in the first year. This will reach the rest of the department governments, municipalities, universities, professional colleges and civil society.**

- **Standardising capacity transfer** by producing teaching material for capacity-building events that use other previous and current PRRD tools.

- **Building investment project formulators' knowledge, capacities and competencies** in practice, in nine department governments, nine municipalities and technical staff in three sectors, for using *MiResiliencia* in risk mitigation projects.

- **Introducing the DRR and CCA approach into professional training**, by teaching *MiResiliencia* in three universities. Training consultants and professionals of the professional colleges in La Paz and Santa Cruz how to apply *MiResiliencia*.

- **Raising civil society awareness of the importance of DRR and CCA** and the demand for resilient investments for the benefit of their communities and neighbourhoods, and of the fact that tools like this exist, as do regulations for promoting them.

## Expected outcomes

**Public policies and capacities of the Development Planning, Public Works and Environment and Water sectors are strengthened by mainstreaming *MiResiliencia* for integrating DRR and CCA in public investment and in sector and territorial planning.**

- *MiResiliencia* tool mainstreamed in the Development Planning, Public Works and Environment and Water sectors.
- Four demonstration projects of the IDB-(IH-Cantabria) and WB Resilient Cities project portfolios carried out in the sectors that underpin the joint learning process.
- Sector guides and manuals formulated for applying *MiResiliencia* adapted to the needs of each sector.
- MMAyA and MOPSV project portfolios use *MiResiliencia*.

**Department government technicians, sector specialists, universities and civil society representatives use *MiResiliencia*, through capacity-building and awareness-raising which enables them to implement risk mitigation projects with a DRR and CCA approach, and to plan and demand resilient projects.**

- Teaching material for strengthening capacities has been developed and printed.
- Nine department governments have staff who have been trained and have sufficient knowledge to apply *MiResiliencia*.
- Municipalities have staff trained who have with sufficient knowledge to apply the *MiResiliencia* tool.
- Three sectors (MMAyA, MOPSV and MPD) have trained staff with sufficient knowledge to apply *MiResiliencia*.
- Students from three universities are more capable of using *MiResiliencia*.
- Project formulators (consultants, chartered and independent professionals) have sufficient capacity to apply *MiResiliencia*.
- Civil society and neighbourhood leaders call for resilient investments because of their awareness and knowledge of the importance of DRR and CCA.

## CONTACT

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