

 Early Warning System

WB-P504278

Strengthening Moldova's Disaster Risk Management and Resilience
Project



Quick Facts

Countries	Moldova
Financial Institutions	World Bank (WB)
Status	Approved
Bank Risk Rating	B
Voting Date	2024-09-05
Borrower	Government of Moldova - Ministry of Finance
Sectors	Climate and Environment, Law and Government
Investment Type(s)	Loan
Investment Amount (USD)	\$ 40.00 million
Project Cost (USD)	\$ 40.00 million



Project Description

According to the Bank's website, the Project Development Objective is to enhance Moldova's preparedness and response to natural hazards and climate-related shocks, and in case of an eligible crisis or emergency, respond promptly and effectively to it.

The SMORE Project takes a comprehensive approach to improving disaster risk management in Moldova through three components:

- 1. Installing and implementing a national cell broadcast-based public warning system:** This system, integrated with existing meteorological, hydrological, and geological information systems, will significantly enhance the country's preparedness against natural hazards like floods, fires, and earthquakes. The project also supports procuring emergency response vehicles, such as fire engines, and specialized equipment for search, rescue, and logistics operations, enhancing national and local-level emergency response services.
- 2. Upgrading Moldova's meteorological and hydrological services:** SMORE aims to strengthen the country's weather forecasting capacity and modernize the early warning system, which will enable improved decision-making for policymakers, businesses, and farmers, who are increasingly impacted by drought.
- 3. Aligning the country's seismic design and retrofitting standards with EU building codes, particularly for earthquake resilience:** This involves developing national methodologies for seismic and disaster risk mapping and rapid visual screening of buildings for seismic vulnerability. The project will also help redesign and enhance the country's existing disaster reserve fund to provide transparent, rule-based, and targeted funding in response to hazards that are expected to become more intense and frequent due to climate change.



Early Warning System Project Analysis

The Project's Environmental and Social Risk Classification is Moderate. ESS 1, ESS 2, ESS 3, ESS 4, and ESS 10 are considered relevant. The Project will finance minor infrastructure investments under component 2 related to the renovation, demolition, or construction of meteorological stations. No land acquisition will be supported under the Project. No significant environmental risks are foreseen, as the major component relates to the purchase of equipment for emergency response personnel and only small civil works related to the rehabilitation of some public buildings in urban areas. The risks generated by civil works are known, of medium intensity for the duration of the works, and no permanent environmental damages.



Investment Description

- World Bank (WB)

A proposed loan in the amount of EUR 37.4 million (US\$40 million equivalent).



Contact Information

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ACCESS TO INFORMATION

To submit an information request for project information, you will have to create an account to access the Access to Information request form. You can learn more about this process at: <https://www.worldbank.org/en/access-to-information/request-submission>

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Bank Documents

- [Appraisal Environmental and Social Review Summary \(ESRS\) - Strengthening Moldova's Disaster Risk Man](#) [Original Source]
- [Appraisal Project Information Document \(PID\)](#) [Original Source]
- [Concept Environmental and Social Review Summary \(ESRS\) - Strengthening Moldova's Disaster Risk Manag](#) [Original Source]
- [Concept Project Information Document \(PID\)](#) [Original Source]
- [Environmental and Social Commitment Plan \(ESCP\) - Strengthening Moldova's Disaster Risk Management a](#) [Original Source]
- [Environmental and Social Commitment Plan \(ESCP\) Strengthening Moldova's Disaster Risk Management and](#) [Original Source]
- [Environmental and Social Commitment Plan \(ESCP\) Strengthening Moldova's Disaster Risk Management and](#) [Original Source]
- [Moldova - Strengthening Moldova's Disaster Risk Management and Resilience Project](#) [Original Source]
- [Revised Environmental and Social Commitment Plan \(ESCP\) Strengthening Moldova's Disaster Risk Manage](#) [Original Source]
- [Stakeholder Engagement Plan \(SEP\) - Strengthening Moldova's Disaster Risk Management and Resilience](#) [Original Source]

Media

- [World Bank Supports Moldova to Boost Preparedness for Natural Disasters, Climate Shocks](#)