

# ITU Regional Development Forum for Europe (RDF-EUR)

## *Information and Communication Technologies for attaining Sustainable Development Goals*

organized by the International Telecommunication Union with the support of the National Authority for Management and Regulation in Communications (ANCOM) of Romania and cooperation with the European Conference of Postal and Telecommunication Administrations (CEPT)

**22-23 May 2023**  
**Timisoara, Romania**

Remote participation at [http://itu.int/go/RDF\\_EUR\\_23](http://itu.int/go/RDF_EUR_23)  
(Meeting held back-to-back with Com-ITU of CEPT - 24-26 May 2023)

Please note that submitted information will be presented during the RDF-EUR P2C Roundtables and it will also be reflected on the pledging platform of the Partner 2 Connect Digital Coalition.

## CONTRIBUTION FORM

**ORGANIZATION:** [General Inspectorate for Emergency Situation, Republic of Moldova]

**FOCAL POINT:** [Oprea Alexandru, Head of General Inspectorate for Emergency Situation, alexandru.oprea@mai.gov.md, +37379604105]

**TITLE:** [Feasibility study, technical requirements and estimated costs for National Early Warning System]

**DESCRIPTION OF ACTION:** [Provide a brief description up to 500 words]

Since the beginning of the new millennium, a steady increase in natural and man-made disasters has been observed in the Republic of Moldova and around the world. Most of them are conditioned by the effects of climate change manifested globally, as well as anthropogenic/technogenic activities. Extreme weather phenomena are increasingly being recorded, either in the form of violent storms, abundant precipitation followed by catastrophic floods, or in the form of heat waves and lack of precipitation associated with drought and devastating fires.

The large number of emergency and exceptional situations, as well as the number of victims resulting from them, recorded annually in the country, indicate insufficient and underdeveloped capacities in terms of preventive measures and informing the population about risks. The damage caused by emergency and exceptional situations burdens the public budget, puts pressure on the country's economy, affects the social sphere, and requires costly measures for recovery and rehabilitation that can ensure the communities' return to normal life.

At present, the preparedness capacity of public authorities at all levels is diminished due to the lack of a national early warning system that ensures the information and correct action mode of the population threatened by the danger or occurrence of emergency and exceptional situations. Specialized services are limited in their capacity to inform and warn the population about the risks and effects that may arise as a result of their occurrence. An efficient system for alerting the population is missing, and existing systems based on outdated technologies are impossible to manage, modernize, or develop.



Therefore, the General Inspectorate for Emergency Situations needs to create a modern system of informing and warning the population, which ensures a high degree of safety and performance and aims for a coverage rate of 100% of the population, by using all possible media and technologies (Cell-broadcast, radio/TV-broadcast, electronic sirens, social media, etc.).

Given that such a complex system requires careful thought to achieve maximum benefit from any investments, it is appropriate to carry out a comprehensive feasibility study in this field. To this end, Republic of Moldova would like to collaborate and cooperate with ITU and benefit from its technical assistance, to achieve the aforementioned objectives.

The feasibility study gives the following benefits:

- Rational and efficient use of investments, selection of the optimal and efficient technological solution for the Republic of Moldova;
- Optimal technical and economic solution identified and described;
- Estimated costs for implementing the warning system, as well as maintenance costs;
- Rational and efficient use of subsequent investments for creating the warning system;
- Information necessary for developing the technical documentation for the future warning system;
- Evaluated risks related to the implementation of the future system;
- Increased chances of success for subsequent investment projects with external funding in this field.

The long-term benefit of the project will be the social, economic, and environmental impact, resulting from the reduction of human losses, material damages, and environmental impacts caused by emergency and exceptional situations. The feasibility study will pave the way for the creation of an efficient warning system for the population, thus contributing to achieving this goal.

**COUNTRIES in FOCUS:** [Name countries to be impacted by this action]

Republic of Moldova

**YEARS of IMPLEMENTATION:** [Tick the relevant boxes or delete the irrelevant items]

☐ 2023

☒ 2024

☐ 2025

**RELEVANT ITU REGIONAL INITIATIVE:** [Tick the relevant boxes or delete the irrelevant items]

☒ EUR1: Digital infrastructure development

☒ EUR2: Digital transformation for resilience

☒ EUR3: Digital inclusion and skills development

☐ EUR4: Trust and confidence in the use of telecommunications/ICTs



- ☐ EUR5: Digital innovation ecosystems

Please find more information on the ITU Regional Initiatives 2023-2025, as defined by WTDC-22, [here](#).

### RELATED ITU-D PRIORITIES AS DEFINED BY THE ITU WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE 2022

- ☐ Affordable connectivity
- ☒ Digital Transformation
- ☐ Enabling policy and regulatory environment
- ☐ Resource mobilization and international cooperation
- ☐ Inclusive and secure telecommunications/ICTs for sustainable development

Please find more information on the ITU-D Priorities, as defined by WTDC-22, [here](#).

### RELATED ITU PRIORITIES AS DEFINED BY ITU PLENIPOTENTIARY CONFERENCE 2022

- ☐ Spectrum use for space and terrestrial services
- ☐ International telecommunication numbering resources
- ☐ Inclusive and secure telecommunication/ICT infrastructure and services
- ☒ Digital applications
- ☐ Enabling environment

Please find more information on the ITU Priorities, as defined by PP-22, [here](#)

### RELATED WSIS ACTION LINE: [Tick the relevant boxes or delete the irrelevant items]

- ☒ C1: The role of governments and all stakeholders in the promotion of ICTs for development
- ☒ C2: Information and communication infrastructure
- ☐ C3: Access to information and knowledge
- ☐ C4: Capacity building
- ☐ C5: Building confidence and security in the use of ICTs
- ☐ C6: Enabling environment
- ☒ C7: ICT applications



- ☐ C8: Cultural diversity and identity, linguistic diversity and local content
- ☐ C9: Media
- ☐ C10: Ethical dimensions the Information Society
- ☒ C11: International and regional cooperation

**RELATED SDG:** [Tick the relevant boxes or delete the irrelevant items]

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|--|--|
| <input type="checkbox"/> SDG 1: No Poverty   | <input type="checkbox"/> SDG 10: Reduced Inequalities                              |
| <input type="checkbox"/> SDG 2: Zero Hunger  | <input checked="" type="checkbox"/> SDG 11: Sustainable Cities and Communities     |
| <input checked="" type="checkbox"/> SDG 3: Good Health and Well-being              | <input type="checkbox"/> SDG 12: Responsible Consumption and Production            |
| <input type="checkbox"/> SDG 4: Quality Education                                  | <input checked="" type="checkbox"/> SDG 13: Climate Action                         |
| <input type="checkbox"/> SDG 5: Gender Equality                                    | <input type="checkbox"/> SDG 14: Life Below Water                                  |
| <input type="checkbox"/> SDG 6: Clean Water and Sanitation                         | <input type="checkbox"/> SDG 15: Life on Land                                      |
| <input type="checkbox"/> SDG 7: Affordable and Clean Energy                        | <input checked="" type="checkbox"/> SDG 16: Peace, Justice and Strong Institutions |
| <input type="checkbox"/> SDG 8: Decent Work and Economic Growth                    | <input type="checkbox"/> SDG 17: Partnerships for the SDGs                         |
| <input checked="" type="checkbox"/> SDG 9: Industry, Innovation and Infrastructure |  |

