

# 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:** A.O. "Clubul Ingineresc Micro Lab" (Engineering Club Micro Lab NGO), Republic of Moldova

**FOCAL POINT:** Andrei Bragarenco, Director, [andrei.bragarenco@microlab.utm.md](mailto:andrei.bragarenco@microlab.utm.md), +37379993255

**TITLE:** Improved ecosystem for embedded engineering Research and Development.

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

*Engineering Club Micro Lab* would like to join the global network of the Innovation and Entrepreneurship Alliance for Digital Development, to build critical enablers at national level to lead in the changing digital environment.

*Engineering Club Micro Lab* aims to foster and advance digital innovation by workforce development through short- and long-term educational activities, practice session workshops, hackathons, bootcamps, and academy programs as short-term courses. We give people within the Embedded Systems Engineering community the opportunity to apply knowledge and further develop existing methods in Embedded Systems Engineering research domain by enabling them to participate in internal R&D projects conducted within our Research and Development department.

In 2020, *Engineering Club Micro Lab* was selected as a Winner of the ITU innovation Challenge with the initiative of "Creative Environment for Talent Development" in the "Ecosystem best practice challenge category". This allowed us to refine our ideas and view our organization (and projects) from different perspectives.



In the upcoming years, *Micro Lab* would like to enhance the collaboration with ITU and leverage Innovation Alliance to accelerate Moldova's innovation-driven digital economy, as well as strengthen Moldova's capabilities and build human and institutional capabilities at the country level where it is most relevant and sustainable. In the close cooperation with ITU, *Micro Lab* would also like to get more engaged to further maximize the potential of innovation ecosystem and digital development in the regional level.

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

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]

- |  |   |
|--|---|
| <input type="checkbox"/> SDG 1: No Poverty                   | <input type="checkbox"/> SDG 10: Reduced Inequalities   |
| <input type="checkbox"/> SDG 2: Zero Hunger                  | <input type="checkbox"/> SDG 10: Reduced Inequalities <input type="checkbox"/> SDG 11: Sustainable Cities and Communities |
| <input type="checkbox"/> SDG 3: Good Health and Well-being   | <input type="checkbox"/> SDG 12: Responsible Consumption and Production   |
| <input checked="" type="checkbox"/> SDG 4: Quality Education | <input 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   |   |



☐ SDG 7: Affordable and Clean Energy☐ SDG 8: Decent Work and Economic Growth☒ SDG 9: Industry, Innovation and Infrastructure☐ SDG 15: Life on Land☐ SDG 16: Peace, Justice and Strong Institutions☐ SDG 17: Partnerships for the SDGs