



Moldova: National Practices in supporting participation in H2020

Dr. Lidia ROMANCIUC

***Director, Center of International Projects
Academy of Sciences of Moldova***

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R&D in Moldova

Prerequisites: R&D Policies and Structure

The Academy of Sciences of Moldova (ASM) is the highest scientific forum which represents the only public institution of national interest in management of science and innovation.

ASM coordinate research and innovation activities of 48 R&D Institutions, including:

- *19 Institutional Members (R&D Institutions)*
- *27+2 Profile and Affiliated Members (R&D Institutions and Universities Research Departments with double subordination)*

with over **3500 scientific researchers** involved in fundamental and applicative scientific research, as well as innovation and technologic transfer activities.

Existing Support: To assure implementation of the status of Associated Country to H2020 the following activities were developed at the national level:

1. *Adjustment the National rules and procedures to the EU requirements*
2. *Strengthening of R&D System in the Republic of Moldova*
3. *Implementation of the bilateral and multilateral cooperation framework*
4. *Support FP7 & H2020 NCP Network*
5. *Assurance of participation in FP7 & H2020 Programme Committees and in ERA Committees, Working Groups, etc*
6. *Support Moldovan Office for Science and Technology in Brussels (MOST)*
7. *Promote EURAXESS Programme and Contribute to implementation of Charter & Code principles*
8. *Attraction of Moldovan Scientific Diaspora*
9. *Organization of Promotional & Informational Events*

2014-2017 – H2020 National NCP Network

Supported within the National Budget

CIP:

NCP Host Institution:

NCP Coordinator

www.h2020.md

ncp@h2020.md

NCPs:

- 22 NCPs nominated in accordance with the European Commission configuration established for HORIZON 2020

Beneficiaries:

- R&D Institutions,
- Responsible for International Relations
- LoCPs, RegCPs
- SMEs,
- NGOs,
- Others

Existing support -NCP Services include:

Individual and Group Consultancy, InfoDays and InfoWeeks, proposals Writing Seminars & trainings, H2020 promotional activities and events, dissemination activities, networking, project development assistance, Moldovan Top Research Groups promotion, communication and partner search activity

National Related Strategies and Activities

- **Code of Science and Innovations of the Republic of Moldova;**
- **National Strategy for Research and Development until 2020;**
- **Action Plan-3: Moldova in HORIZON 2020** (*NCPs, Programme and Strategic Committees, Working Groups, MOST/IGLO Office, EURAXESS, JPIs, ERA-Nets, dissemination and promotional activities*);
- **EU-Republic of Moldova Association Agreement** (*2014-2016 and 2017-2019 - includes participation in H2020, integration in ERA*);
- **National Roadmap for Integration in the European Research Area** (*Drafted*);
- **Policy Support Facilities under HORIZON 2020 expert mission – Moldovan R&D sector review** (*Dec 2015 - May 2016, 2017 - implementation of recommendations – in the process*).
- **EURAXESS National Portal**, 5 «Excellence in Research» LOGOs, 3 EURAXESS Service Centers, 28 R&D Institutions signed the Letters of Commitment

Participation in Horizon 2020 and ERC Calls

- Submitted more than 200 proposals/240 Applicants. Supported 26 projects/ R&D Institution, 5 NGO, 4 SMEs
- **ERC Calls – 5 projects submitted from which**
 - **2 Eligible, Rejected, submitted by:**
 - Institute of Applied Physics, Academy of Sciences of Moldova
 - Selectia Research Institute of Field Crops
 - **3 Ineligible, Ineligible, submitted by:**
 - Institute of Applied Physics, Academy of Sciences of Moldova
 - Moldova State University
- **Interest in ERC Call at National level:** Usually 1-2 person/ infoday request assistance in proposals writing to ERC (up to 15-20 people per year).
- **Main problems:**
 - **Mentality** (due to the ERC high-level requirements and high concurrence - hesitance, disbelief, doubts in correspondence to Calls conditions)
 - **Traditions** (Outstanding young researchers have limited number of peer-reviewed publications/ or they are not the leading/first authors)
 - **Moldovan Reality** (Low salaries, obsolete infrastructure, instability/reforms, job positions could not be kept in the home institutions during the long-term staying abroad)
 - **Lack of Proposals Writing Experience** (trainings in practical issues are still needed)

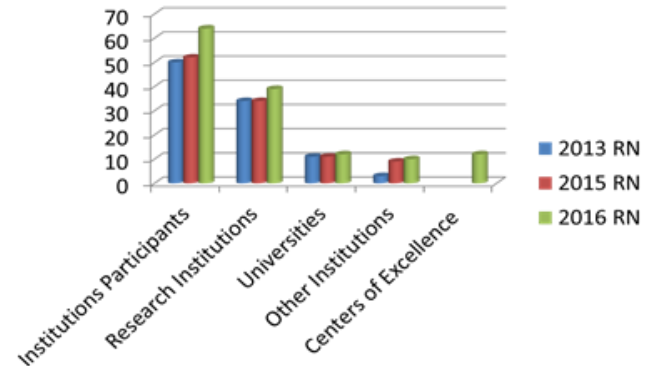
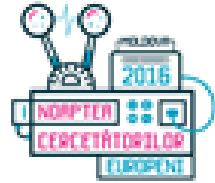
FUTURE Plans

- To laid the ground for better integration in ERA (active participation in European thematic COFUND ERA-NETs, JPIs, Smart Specialization S3, EURAXESS, Charter&Code, etc)
- **Facilitating macro-regional scope and link up to socio-economic actors of Research Infrastructure in the Danube Region/** *Submitted a Declaration of Interest to be involved as an Associated Strategic Partner in the project, 2016*
- **More active participation in JPIs** (*already involved in Water JPI, Cultural Heritage, in the process: More Years – Better Life, Connecting Climate Knowledge for Europe, Urban Europe...*)
- Acceptance of further exercise within Policy Support Facilities under Horizon 2020: **Co-development of national open science policies in Europe as part of the EUROPEAN Open Science Agenda**
- **Continue supporting Bilateral** (*Italy, Germany, Romania, Belarus, Ukraine, STCU*) **Regional** (*Danube Regional Call,*) **and Multilateral Programmes** (*Black-Sea ERA.Net, ERA.Net-RUS-Plus, Black Sea Horizon, IC4Water, Water Works JPI ERA.Net-COFUND, etc.*)
- **Introduction of Specific Calls to facilitate participation in H2020:**
 - **Modernization of the Research Infrastructure in R&D Sector of Moldova** (**Currently announced the new Call for 2017-2018.** *To be supported 10 projects*).
 - **Connection of the Centers of Excellence to the EU Research Infrastructure** - (ESFRI, ETP, ERIC, CERIC, Research Networks, etc.) – 12 projects.
 - **Assuring Mobility of Researchers** – more than 150 travel grants (2015-2016) to H2020 Preparatory Meetings, H2020 Brokerage and Networking events, Programme and Strategic Committees and Groups. **Currently announced the new Call for 2017-2018.**
 - **European Bonus Programme** - more than 66 awards (2015-2016). **Currently announced the new Call for 2017-2018**

Dissemination and Promotional Activities

▶ Researcher's Night-Promotional Events

- ▶ 2013 – 4000 visitors
- ▶ 2015 – 4500 visitors
- ▶ 2016 – 5500 visitors



- ▶ **International Science Day and Day of the Academy of Sciences Celebration** - *November and June, Annually, Chisinau*
- ▶ **HORIZON 2020 WP 2014-2015, 2016-2017, 2018-2020 (Nov 2017!) Launch Events, Chisinau**
 - ▶ 2015 Nov – *ERC Presentation/ V.Oprea, ERC*
- ▶ **Europe Days in Moldova** - *Chisinau, Comrat, Cahul, Balti May, each May Annually*
- ▶ **Science Slam** promotional event – *2014 - 2016 (10 Editions), Chisinau*
- ▶ **MOLDEXPO National Exhibitions**, *Infoinvent, Made in Moldova, etc. Chisinau*
- ▶ **Regular Informational Campaign on H2020 Promotion** - *Infodays, Practical Trainings, Consultations, Promotional Events, National Thematic Exhibitions, Chisinau, Balti, Comrat, Cahul, Taraclia, Stefan Voda, Soroca, etc.*



Promotional Materials – in accordance with the Communication and Visibility Plan and issues!



Thank you!

Dr. Lidia ROMANCIUC

Director, Centre of International Projects, Academy of Sciences of Moldova

<http://asm.md/> - ASM

<http://cpi.asm.md/> - CIP

<http://h2020.md/> - H2020 National Portal

<http://euraxess.md/> - EURAXESS National Portal