

Policy Support Facilities – instrument de politici în cadrul H2020

Evaluarea sistemului de cercetare și inovare din Republica Moldova

Dr. hab. Aurelia HANGANU,
Secretar științific general

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RESEARCH & INNOVATION

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European Commission > Research & Innovation > RIO - H2020 PSF > Policy Support Facility

- Home
- Country analysis
- Policy Support Facility**
- Library
- Statistics
- About

Policy Support Facility

The Horizon 2020 Policy Support Facility is a new instrument that gives Member States and countries associated to Horizon 2020 practical support to design, implement and evaluate reforms that enhance the quality of their research and innovation investments, policies and systems.

The Policy Support Facility provides best practice, independent high-level expertise and guidance at the request of Member States and Associated Countries through a number of services: Peer Reviews, Mutual Learning Exercises and Specific Support to Countries. The Policy Support Facility replies to the strong need to offer more customer-oriented services to support evidence-based policy making. To organise this process the Commission issues an annual call for Expression of Interest via the European Research Area and Innovation Committee.

[Back to "RIO-PSF Home"](#)

Peer Reviews

Peer Reviews are in-depth assessments of a country's R&I system carried out by a panel of experts and leading to concrete recommendations to the national authorities on reforms necessary to strengthen their R&I system.

Mutual Learning Exercises

Mutual learning exercises focus on specific R&I challenges of interest to several volunteering countries, and draw on a hands-on project-based exchange of good practice.

Specific support to countries

Specific support to countries aims at providing a set of concrete recommendations on how to tackle a specific R&I policy challenge and how to implement the accompanying reforms.



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EU Login

European Commission > Research & Innovation > RIO - H2020 PSF > Policy Support Facility

Home Country analysis Policy Support Facility Library Statistics About

Search

Peer Review of the Moldovan Research and Innovation System

This Peer Review, launched in November 2015 aimed to provide external advice and operational recommendations to the Moldovan authorities on possible reforms to undertake in the following focus areas: (1) Increasing the efficiency of public R&I funding and the quality of the R&I performing bodies and instruments; (2) Improving the policies for human resources and mobility of researchers; (3) Boosting business innovativeness and science-business links; and, (4) Increasing R&I impact by properly defining the policy instruments. The final report and the recommendations were presented to the Moldovan R&I community on 12 July 2016.

Date 2 November 2015 to 29 July 2016
Exercise type Peer review
Geo coverage Moldova

[Back to "Peer reviews"](#)

Reports

Horizon 2020 Policy Support Facility - Peer Review of the Moldovan Research and Innovation system

The report presents the outcome of the Peer Review of the Moldovan R&I system, carried out by the independent panel of PSF experts between November 2015 and July 2016. It explains the rationale supporting each of the key Policy Messages highlighted upfront in the report and discusses the 24 specific recommendations, clustered into thematic areas. Case studies from other countries supplement the narrative by presenting good practice examples that could facilitate the implementation of the recommendations by the Moldovan authorities.

Second country visit of the PSF panel to Moldova

📅 28 January 2016 to 29 January 2016

📄 DG Research and Innovation - Unit A4, Moldovan Academy of Sciences

📍 Chisinau, Rep. of Moldova

The PSF experts panel presented the preliminary findings of the Peer Review (i.e. Intermediary report on preliminary findings and policy options) to the Moldovan stakeholders during a second field visit in Chisinau on 28-29 January 2016.

[Show documents](#)

Presentation of the Peer Review of the Moldovan Research and Innovation system report

📅 12 July 2016

📄 DG Research and Innovation - Unit A4, Moldovan Academy of Sciences

📍 Chisinau, Rep. of Moldova

The public presentation of the final PSF Peer Review report took place in Chisinau on 12 July 2016. The policy recommendations to help Moldova to improve its performance in research and innovation were developed, at the request of Moldovan's Academy of Science, by a team of high-level experts and officials from eight different EU Member States.

[Show documents](#)

- 📄 Moldova Peer Review feedback event agenda.pdf
- 📄 EC press release _Moldova_12jul16_en.pdf
- 📄 Presentation final report _1_ 12jul16i.pdf
- 📄 Presentation final report _2_ 12jul16.pdf
- 📄 Presentation final report _3-4_ 12jul16.pdf
- 📄 ASM feedback presentation_12 July 2016.pdf

- The Peer Review has been implemented in the period November 2015-April 2016 by a Panel of independent experts from
- Poland (Chair, **Krzysztof Gulda**: Scientific Policy Committee advising the Ministry of Science and Higher Education),
- Austria (corapporteur, **Manfred Spiesberger**, Senior researcher at the Centre for Social Innovation),
- Greece (co-rapporteur, **George Bonas**, Director of the Centre for Regional and International STI Studies and Support),
- Netherlands (**Francien Heijs**, Advisor to the Ministry of Education Culture and Science) and
- Romania (**Daniel Funeriu**, Former Minister of Education, Youth and Sports of Romania) acting in their personal capacity and by
- two peer reviewers, being policy makers from Austria (**Brigitte Weiss**, Head of sector for EU-coordination, Directorate of Innovation of the Ministry for Transport, Innovation and Technology) and Estonia (**Toivo Raim**, Adviser , Research Policy department, Ministry of Education and Research).

“Four +” focus areas

- **Four focus areas** defined by the Moldovan authorities:
 - **Increasing the efficiency** of public R&I funding and the quality of the R&I performing bodies and instruments
 - **Improving the policies** for human resources and mobility of researchers
 - **Boosting business innovativeness** and science-business links
 - **Increasing R&I impact** by properly defining the policy instruments
- **Governance** recognized **as overarching issue** by the panel and all interviewed stakeholders

In line with this framework, the Panel considers that Moldova should:

- **1. Embed Research and Innovation (R&I) policy in the overall economic policy strategy of the country.** Improving synergies between Moldova's R&I strategy and the country's overall socio-economic ambitions is key. This cannot be reached without **ambitious reforms of the national R&I system, strong and determined priority-setting, and continuous involvement of stakeholders** in order to generate an ownership of these reforms.
- **2. Improve the governance of the national R&I system by strengthening the political responsibility for R&I with a dedicated Ministerial responsibility.** The panel is not convinced of the added value of the inter-ministerial Council for R&I announced by the government.
- **3. Create an independent, transparent and accountable R&I implementation Agency which concentrates and allocates all available R&I funding on the basis of international standards.** The combination of a Ministerial responsibility for R&I policy-making with an independent Agency that manages R&I funds will allow the **Moldovan Academy of Sciences to focus on its role as major research performer in the country.**
- **4. Redress the binary research and education system of Moldova, whereby universities are mostly concentrated on "teaching" and institutes on "research".** The circulation of knowledge and human resources throughout the country's public system is now more essential than ever before. **Incentives for cooperation between universities (where the young generation studies) and research institutes (with ageing research staff) should be a driving force of the reforms.**
- **5. Safeguard the public R&I capacity of Moldova by ensuring that the physical, intellectual and human capital of its research institutions is maintained and eventually reinforced.** In return, **systematic evaluation procedures for public research organizations and higher education institutions should be set up** to progressively link public R&I funding to performance in the medium-term, thus rewarding quality research. In addition, the share of competitive funding allocated to R&I needs to be increased to stimulate competition.
- **6. Take resolute action to improve the employment and funding opportunities, working conditions and career perspectives of researchers, including notably young and female scientific talents.** **Open and merit-based recruitment practices and structured and high-quality PhD programs are essential to modernize the system.** Salaries, in particular for entry levels, should be revisited and scientific achievements should be rewarded.
- **7. Urgently review the framework conditions for innovation by putting in place a coherent set of policy measures to create and stimulate a supportive environment for business engagement in R&I activities,** including both non-financial tools (a legal environment supportive of spin-offs and knowledge transfer, better opportunities to fund risky projects) and the increased use of public funding to leverage business R&I activities. In relation to the latter, the panel is of the opinion **that the artificial administrative barrier of accreditation for allocating R&I funds to the business sector should be abolished.**

Mutual learning

Mutual learning exercises focus on specific R&I challenge of interest to several Member States and Associated Countries and draw on a hands-on project-based exchange of good practice.

Its aim is to identify good practices, lessons learned and success factors based on robust evidence. Mutual learning exercises have addressed topics such as the Administration and monitoring of R&D tax incentives, Evaluation of business R&D grant schemes and the Evaluation of complex public private partnerships, among others.

[Back to "Policy Support Facility"](#)

MLE on Alignment and interoperability of research programmes: national coordination

1 July 2016 to 30 June 2017

With a view to improve efficiency of public funding in research and addressing major societal challenges, Member States have identified the need to improve the alignment and interoperability of their national programmes. Building on the Lund Declaration, the ERAC Joint Programming Group (JPG) has launched an MLE to address the need to foster national coordination by looking at national preconditions for participation in JPP (Joint Programming Process) / JPI (Joint Programming Initiatives), national governance structures and communication flows and visibility.

MLE Ex-post evaluation of business R&I grant schemes

1 February 2016 to 31 October 2016

Research and Innovation (R&I) grants remain one of the cornerstones of governments' efforts to promote business R&I in Europe. The purpose of this MLE

policies and practices relating to the following two issues: (1) Altmetrics, understood as alternative (i.e. non-traditional) metrics that cover not just citation of articles but also various forms of social media shares, web-downloads or any other measure of the qualities and impact of research outcomes; and (2) Incentives and rewards for researchers to engage in Open Science activities.

Date 📅	9 January 2017 to 31 December 2017
Exercise type ↕	Mutual learning
Geo coverage ↕	Austria Belgium Bulgaria Croatia France Latvia Armenia Moldova Switzerland Lithuania Portugal Slovenia Sweden

[🏠 Back to "Mutual Learning"](#)

Reports

MLE on Open Science – Report on different types of Altmetrics

Altmetrics data are mainly gathered from readily available online sources, making altmetrics highly relevant in the context of Open Science. This report gives participants in the MLE on Open Science an overview of the different types of altmetrics currently being used or investigated for the purpose of research assessment, and their benefits and challenges. Based on a review of the situation in the Member States, it is clear that altmetrics are not yet being used for research evaluation purposes. Altmetrics hold a lot of promise, but it is too early to use them for research evaluation where funding decisions or hiring or promotion processes are concerned. More research is needed.

[Download report](#)

MLE on Open Science - Report on Altmetrics and Rewards

Altmetrics has the opportunity to promote Open Science by broadening our understanding of impact, thus reflecting the need to update standards and motivate researchers to focus on quality not quantity of research. This report starts by giving a brief overview of Open Science and the academic reward system in general, followed by a discussion about how altmetrics could contribute to the academic reward system, and how altmetrics could promote wider adoption of Open Science in the Member States. Altmetrics are, however, not ready to be used alone for research assessment. More information is needed about the meaning of altmetrics and limitations of data sources before practical and reliable applications of altmetrics can be developed.

[Download report](#)

MLE on Performance-based Research Funding Systems

Performance-based Research Funding Systems (PRFS) are one of the mechanisms through which countries try to increase the performance of their public sector research systems. The nature of these systems – based on peer reviews, metrics or a combination of both – varies considerably among countries. The MLE will provide a learning opportunity for countries willing to better understand the advantages and drawbacks of various options, improve ongoing PRFS and deepen the assessments of the impact of different systems.

Date 📅	28 November 2016 to 30 September 2017
Exercise type Ⓞ	Mutual learning
Geo coverage Ⓞ	Austria Croatia Cyprus Czech Republic Estonia Italy Armenia Moldova Norway Portugal Slovenia Spain Sweden Turkey

[🏠 Back to "Mutual Learning"](#)

Events

Scoping Workshop - MLE on Performance-based Research Funding Systems

📅 7 September 2016
📁 DG Research and Innovation, Unit A4 Analysis and Monitoring of National Research Policies
📍 Brussels, DG Research and Innovation

At the Scoping Workshop main decisions were

Kick-off meeting - MLE on Performance-based Research Funding Systems

📅 16 January 2017
📁 DG Research and Innovation, Unit A4 Analysis and Monitoring of National Research Policies
📍 Brussels, DG Research and Innovation

At the kick off meeting, the main decisions were

Muțumesc pentru atenție!

aureliahanganu@yahoo.com

aurelia.hanganu@asm.md