



CREMLIN:

Conclusions and Perspectives – As seen from the European Commission

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- 1. International cooperation on Research Infrastructures in H2020*
- 2. CREMLIN project: the European Commission's point of view*
- 3. Next step: call INFRASUP-01-2018-2019*



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1. International cooperation on Research Infrastructures in H2020



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International Cooperation for Research Infrastructures

Rationale

- The **nature and complexity** of the societal challenges require a global approach for the design and operation of the RI;
- Global cooperation is the only option when **pooling of resources** is necessary due to the scale of the investment for construction and operation of the RI;
- International cooperation on RI can be considered **strategic** in areas where a) Europe has an international leadership and can influence standardisation at global level; b) Europe can take advantage of resources not available within Member States; c) Europe can develop internal capacities, benefiting from best practices in the global arena;
- Global cooperation on RI can be used as a tool to support or complement the EU external policy and contribute to **Science Diplomacy**.



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Research Infrastructures in Horizon 2020

The International dimension

- Individual support to ESFRI and Other World Class RI to address international dimension
- Integrating Activities
 - Access of non-EU Users to RI (transnational access)
 - Participation in the Project Consortia
- **Dedicated International Cooperation topics**



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2. CREMLIN project: The European Commission's point of view



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The Project Officer's point of view

- (+) Project was very well managed
- (+) Project has achieved objectives and milestones; minor deviations, not significant
- (+) Excellent communication between coordinator and PO
- (-) Gender imbalance to be addressed



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The Policy Officer's opinion

Project has gone beyond expectations in terms of:

- Visibility (in RU and in EU)
- Commitment from Russian partners
- Communication/collaboration within and between communities

Shortcoming, to be addressed in future project:

- More inclusiveness, diversity of EU partners



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In the complex chemistry of research infrastructures, CREMLIN has acted as a catalyst in the EU + RU reaction.

Project with good "value for money"!



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3. Next step: Call INFRASUPP-01-2018-2019



Call INFRASUPP-01-2018–2019

Policy and international cooperation measures for research infrastructures

Specific challenge:

International cooperation for research infrastructures is needed with a number of key partners located in third countries/regions seen as **strategic** both for the **development, exploitation and management** of world-class research infrastructures and for ensuring the necessary **complementarities** required to address research challenges with a global dimension by **optimising the use of the available resources**.

→ 3 flagships initiatives with **Russia**, SESAME and CELAC



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Call INFRASUPP-01-2018-2019

Policy and international cooperation measures for research infrastructures – topic 2019

- **Dedicated topic** for Russia with deadline in 2019
- Objective is to support the further structuring of the cooperation with the Russian Federation in the Research Infrastructure domain
- Proposals will have to demonstrate the involvement of relevant entities on **both European and Russian** sides
- Proposals will **build on the recommendations of the CREMLIN project** in particular as regard the cooperation between the Russian Mega Science initiatives and their European counterparts.



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Call INFRASUPP-01-2018–2019

Policy and international cooperation measures for research infrastructures – scope of topic 2019

i) Cooperation with Mega Science projects:

- **Joint development and acquisition of specific instrumentation** to be used by the European and Russian Infrastructures. This activity will target the infrastructures that are close to being operational, e.g. NICA and PIK.
- **Joint conceptual and technical design** of Russian Infrastructures of European interest. This activity will particularly target the infrastructures that are at an early conceptual stage, e.g. SSRS-4, XCELS or SCT Factory.
- **Joint development of future technologies** required for Research Infrastructures' instrumentation.



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Policy and international cooperation measures for research infrastructures – scope of topic 2019

ii) Facilitate the access of EU scientists to Russian Research Infrastructures:

- Contribute to overcoming the barriers that prevent European scientists from accessing Russian Research Infrastructures of European interest.
- The project will support Russian Facilities in setting-up the appropriate access conditions and cover the travel and subsistence costs that European researchers would sustain in accessing the facilities.
- The project will have to take into account the list of Research Infrastructures produced by the Russian Federation (shortlist currently being finalised) and the European Charter for Access to research infrastructures.



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Policy and international cooperation measures for research infrastructures – scope of topic 2019

iii) Develop staff exchange programme:

- The proposal will develop a staff exchange programme and thematic courses and workshops (e.g. summer schools), aimed at fostering **exchanges of best practices on management practices, access procedures and scientific collaboration** between infrastructure Staff and Scientists belonging to both the Russian Federation and European Union.



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Call INFRASUPP-01-2018–2019

Policy and international cooperation measures for research infrastructures – topic 2019

Expected impacts:

- Strengthen the structured cooperation between European and Russian Research Infrastructures;
- Promote the harmonisation of procedures & framework conditions for access of European Scientists to Russian Research Infrastructures;
- Promote the participation of Russian researchers in EU projects.



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Call INFRASUPP-01-2018–2019

Policy and international cooperation measures for research infrastructures – topic 2019

- Opening of the topic: 14 November 2018;
- Deadline of the topic: **20 March 2019**;
- Funding scheme: Research and Innovation Action (RIA);
- Indicative budget: **EUR 25 million** – one project expected to be selected

Thank you for your attention

HORIZON 2020

