



Relevance of H2020 Topics for Georgia

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Horizon 2020 programme sections

- **Excellent Science**
 - European Research Council
 - Future and Emerging Technologies
 - Marie Skłodowska-Curie actions
 - European Research Infrastructures, including e-Infrastructures
- **Industrial Leadership**
 - Leadership in Enabling and Industrial Technologies
 - Information and Communication Technologies
 - Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology
 - Space
 - Access to risk finance
 - Innovation in SMEs
- **Societal Challenges**
 - Health, Demographic Change and Wellbeing
 - Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy
 - Secure, Clean and Efficient Energy
 - Smart, Green and Integrated Transport
 - Climate Action, Environment, Resource Efficiency and Raw Materials
 - Europe in a changing world - Inclusive, innovative and reflective societies
 - Secure societies – Protecting freedom and security of Europe and its citizens
- **Spreading Excellence and Widening Participation**
- **Science with and for Society**
- **European Institute of Innovation and Technology (EIT)**
- **Euratom**

Horizon 2020 programme sections

- **Excellent Science**



European Research Council

Relevance(compatibility) for Georgia



State Science Grants for Fundamental Research

The projects funded under the calls for the State Science Grants for Fundamental and applied research in fact represent most dynamically developing fields of national research and engage the most active part of Georgian scientists and engineers. In 2006-2013 about 6000 projects were submitted and 820 out of them received the grants (average success rate: 14%).

In whole around 3 thousand researchers participated in the granted projects. The overall budget is above 110 million GEL (approximately 63 million USD). The grants are provided by means of annual calls for project proposals by involvement of international (more than 90%) and local peer reviewers in merit-base evaluation. **To date more than 4000 foreign high-level experts are engaged in the peer-reviewing process.**

Horizon 2020 programme sections

- **Excellent Science**



Future and Emerging Technologies

Relevance(compatibility) for Georgia



State Science Grants for Applied Research

- Projects targeted to applied research and development of innovative technologies;
- The research projects aimed at creation of high-tech innovative products demanded in international or local markets are supported;
- Grant funding opportunity from business sector has been introduced. Financial contribution (at least 15%) from industry/business is required.



Marie Skłodowska-Curie actions

Relevance (compatibility) for Georgia

Grants for Outgoing Internship of Young Scientists (up to 40 year) give the chance to young promising Georgian scientists to visit leading universities and research centers abroad and conduct advanced research under the supervision of and in collaboration with the foreign colleagues. The grantees gain unique experience of team-work and acquire necessary knowledge and skills for research career development.

The Short-term Individual Travel Grants aims to support wide participation of Georgian researchers in international scientific events. More specifically, the grants are to provide better opportunities for: (i) Demonstration of the progress and improving international visibility of national R&D; (ii) Obtaining advanced information in diverse fields of knowledge; (iii) Establishing direct contacts with colleagues; (iv) Becoming a part of international R&D networks.

Grants for Joint Research Activities with Georgian Scientists Living Abroad aims to intensify the process of involvement of successful Georgian scientists working abroad into joint activities in order to improve standards of research in Georgia. Close cooperation with successful Georgian scientists working abroad will give an opportunity to local researchers to raise their awareness on state of art in developed countries and to adopt modern research methods.

Horizon 2020 programme sections

- **Excellent Science**



Marie Skłodowska-Curie actions

Relevance (compatibility) for Georgia (cont.)

“Early Career Scholars Program”. Partner – **CRDF (USA)**. Supports high-quality, innovative biomedical research and establishment of sustainable research collaborations. Grants are provided to support the career development of promising young Georgian researchers by offering the opportunity to train and work at a host lab in the U.S. for up to 8 months.

“Joint Research and Education Programme”. Partner -**Forschungszentrum Jülich (Germany)** (i) grant students from Georgia the access to JÜLICH world-leading scientific research centre to raise experience and conduct frontier research in fundamental and applied sciences and (ii) Assist JÜLICH in recruiting the best and the brightest students from Georgian universities and prepare Master and PhD thesis to further progress the Georgian science.

“International Exchange Programme – IEP”. Partner –**CNRS (France)** Aims to enhance scientific cooperation between Georgian and French researchers that includes: Exchange of researchers (3 months a year), Trainings of young scientists, etc. Thematic priorities: **Mathematics, Physics, Life Sciences;**

“International Exchange Programme – IEP”. Partner –**CNR (Italy)** Aims to enhance scientific cooperation between Georgian and Italian researchers that includes: Exchange of researchers, organization of joint workshops.

Horizon 2020 programme sections

- **Excellent Science**



European Research Infrastructures

Relevance (compatibility) for Georgia



Grants for Research Infrastructure

SRNSF's Grants for Research Infrastructure provide financial support to R&D institutions and Higher Education organisations for acquisition of scientific equipment to ensure access of researchers to up-to-date and modern scientific facilities and thus give the incentive to high-quality scientific research in the country.

Horizon 2020 programme sections

- **Industrial Leadership**

- ▶ Leadership in Enabling and Industrial Technologies
- ▶ Information and Communication Technologies
- ▶ Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology

Relevance (compatibility) for Georgia



“Science and Technology Entrepreneurship Programme” (STEP)
partner CRDF (USA) ,

thematic priorities: A. ICT, B. Biotechnologies, C. Agriculture, D. New materials , E. Energy, F. Health.



“Targeted R&D Initiatives Programme”, partner STCU

thematic priorities: A. Biotechnologies and Life Sciences; B. New Materials and Nanotechnologies; C. Information and Communication Technologies.



**“Joint Research and Education Programme”, partner
Forschungszentrum Jülich (Germany)**

thematic priorities: Mathematics; ICT; Natural Sciences; Engineering Sciences; Life Science and Health

Horizon 2020 programme sections

- **Societal Challenges**

Health, Demographic Change and Wellbeing

Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy

Secure, Clean and Efficient Energy

Climate Action, Environment, Resource Efficiency and Raw Materials

Relevance (compatibility) for Georgia



Life Sciences;



Medical Sciences;



Agrarian Sciences;



Engineering Sciences and High-tech Materials;



Earth Sciences and Environment;

Horizon 2020 programme sections

- Spreading Excellence and Widening Participation

Relevance (compatibility) for Georgia

Fostering Georgia's participation in Horizon 2020

Georgia's Participation in EU FP7 as a good starting point to further the cooperation in S&T with EU in the frame of "Horizon 2020" Programme

Around 200 proposals submitted; 44 funded;



Thank you for your attention!

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