

**INTERNATIONAL RTI COOPERATION OF
ARMENIA – STATE-OF-THE-ART AND
DEVELOPMENT TRENDS**

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INNOVER-EAST International Cooperation Training
Minsk, February 29, 2016

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Introduction

- More than 20 legal documents have been adopted in Armenia during last years in the field of STI and all these documents stress the importance of development of international STI cooperation and integration of Armenia into international and, particularly, European Research Area occupying its own niche
- Adequate legal basis exists for promotion of international STI cooperation

Key STI Players - Policy

- STI issues given more importance on policy level
- State Committee of Science (2007)
 - To address the fragmented character of policy-making
 - To improve policy-making and coordination
 - Responsible for implementation of RTD programmes
- Government resolution (2006)
 - Ministry of Economy was recognized as authorized body responsible for development and implementation of innovation policy, in co-operation and coordination with other concerned ministries and organizations.

Key STI Players – RTD

- Founded in 1943 the National Academy of Sciences (NAS RA) remains to be main R&D performer in the country (35 institutes/82 total; 3700 staff/around 6000 total)
- NAS is the highest self-governing research organization carrying out & coordinating basic and applied research directed to creation of knowledge-based economy, contributing to social and cultural development of the country (Law)
- International S&T Programmes Department est. in 2008 to promote participation in international & EU programmes (Host of H2020 Information Point)

EU Projects with NAS RA

- Active participation in INCO projects to promote international/bi-regional STI cooperation
 - BS-ERA.Net - NAS RA & SCS + PJC
 - IncoNet EECA, IncoNet CASC,
 - IncoNet EaP – special focus to CC, Health, Energy + Innovation
 - R2I Projects – ENER2I (Energy), INNOVER-EAST (Energy), SECURE R2I (Quantum Communication), SUAFRI (Aquaculture & Apiculture)
 - 4 ERA WIDE Projects in Genetics, ICT, Environment, Quantum Information, Atomic Physics, Scintillating Materials
 - BSH (H2020)
 - All these activities surely to stimulate more active participation in the mentioned thematic priorities

International S&T Co-operation

- SCS bilateral cooperation agreements with CNRS (France), BMBF (Germany), RFBR (Russia), FFR (Belarus), RFH (Russia), SASII (Ukraine), MST (China), ICTP (Italy), etc.
- NAS cooperation agreements with AS of Hungary, Romania, Russia, Moldova, Georgia, Belarus, Ukraine, China, etc. (lack of funding for international cooperation as hindering factor)
- Cooperation with major European research centers & universities on institution level

International S&T Co-operation (2)

- National policy documents prioritise international cooperation and integration into ERA
- Armenia officially applied for association to H2020 and agreement to be signed very soon
- National project based funding scheme allows international partnership (funding of foreign experts travel to Armenia)
- Enlarged and hopefully improved H2020 NCP system is to be nominated soon

International Funding & Programs

- GERD financed from abroad fluctuates significantly from year to year
- In 2012 – around 4% of GERD = around 1 mln \$
- Main programs:
 - ISTC
 - EU Programs
 - CRDF, SCOPES, Volkswagen Foundation, Russian Programs, ANSEF, etc.

Statistics of AM participation in EU programs

Participation in EU FP7 (2007-2014)

In response to 481 FP7 calls:

	Organizations involved	Project Porposals	Succseful Project Porposals	EU Financial Contribution (in million euro)
Armenian Institutions	227	199	43	3,08
NAS RA Insitutions			24	2,12

Participation in H2020 (2014 – February 2016)

	Project Porposals	Succseful Project Porposals	EU Financial Contribution (in million euro)
Armenian Institutions	33	11	900000
NAS RA Insitutions		8	700000

Energy Research Landscape

- **Armenian Renewable Resources and Energy Efficiency Fund** created in 2006 with a main mission to facilitate investments in energy efficiency and renewable energy .
<http://www.r2e2.am>
- Implementation of RES/EE projects and development of energy sector related strategic documents

Energy Research Landscape (2)

- NAS RA (Institute of Radiophysics & Electronics, Institute of Physical Research, Institute of Geophysics, etc.)
 - Photovoltaic, geothermal
- Engineering University of Armenia, Yerevan State University, American University
 - Photovoltaic, wind, solar

Conclusions

- FP7 Inco Net like activities and region-targeting specific calls contributed greatly to intensification of international cooperation
- International STI cooperation of AM is intensifying getting legislative and financial support
- Stated measures create adequate basis for more active participation of Armenian institutions in EU programs
- Restricted resources and outdated infrastructure as hindering factors

Thank you for attention!

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