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საქართველოსთვის  
The European Union for Georgia



EU Twinning project  
Supporting inter-sectoral collaboration possibilities between  
Research and Industry  
GE 18 ENI OT 02 19

## Kick-off Meeting Report

27 November 2020

*Contracting Authority*  
Delegation of the European Union to Georgia

*MS body responsible for implementation:*

Environment Agency Austria (EEA) (Umweltbundesamt GmbH)

*In cooperation with*

Joanneum Research (JR), Austria

Austrian Science Fund (FWF), Austria

Austria Research Promotion Agency (FFG), Austria

DLR Project Management Agency (DLR), Germany

Daugavpils University (DU), Latvia

*Beneficiary Administration:*

Shota Rustaveli National Science Foundation of Georgia (SRNSFG)

umweltbundesamt<sup>0</sup>



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## Information about Kick-off meeting

This report provides the minutes of the kick-off meeting of the EU Twinning project “Supporting inter-sectoral collaboration possibilities between Research and Industry”. The kick-off meeting was organized as synergy action within EU Horizon 2020 “Science is the Captain” project in Georgia on 27 November when European Researcher’s Night activities were organised in Europe. The kick-off meeting was organised via Zoom platform.

## Participants

Representatives from Ministry of Educations, Science, Culture and Sport, Ministry of Regional Development and Infrastructure, Ministry of Environmental Protection and Agriculture, Ministry of Foreign Affairs, state and private universities, Laboratory Research Center of AR Adjara Ministry of Agriculture, German Exchange Service (DAAD), business sector, Resident Twinning Advisors of other Twinning projects in Georgia, associations, all project partners were participating in kick-off meeting. Over 50 participants attended the meeting and discussed the concept, first findings as well as the next steps needed to ensure Twinning project implementation.

## Report

### Welcome and Overview of the Project Kick-off Meeting

The meeting started at 14:00 UTC/GMT+4 via Zoom platform. Welcoming remarks were made by representatives of the Ministries, European Union Delegation to Georgia and project consortium. On behalf of Ms. Nunu Mitskevich, Deputy Minister of Education Science Culture and Sport of Georgia, Ms. Maia Shikhashvili welcomed the project partners and other attendees. She expressed her gratitude for the EU Twinning project for organizing kick-off meeting as synergy action within EU Horizon 2020 “Science is the Captain”. In addition, she underlined the importance of science-business collaboration for the development of the Georgian science system. She expressed hope that cooperation will be fruitful and science-business links will be strengthened with the support of this Twinning project.

Mr. Catalin Gherman, Deputy Head of Cooperation, EU Delegation to Georgia during his opening speech has pointed out:

*“The European Union is a longstanding and reliable partner and supporter of Georgia in science and research. This project will address key challenges in areas of science, technology and innovation, through reinforcement of the collaboration between research and industry. Enhancing this particular dimension is vital for sustainable economic development and growth in Georgia”*

Project’s recent developments and upcoming activities were mentioned by the Austrian and Georgian Project Leaders: Mr. Wolfgang Polt and Mr. Jaba Samushia. Project Junior Partners were presented by Ms. Kirsten Kienzler from DLR Project Management Agency, Germany and Mr. Juris Soms from Daugavpils University, Latvia.

Mr. David Bujiaashvili Director of the EU Assistance Coordination and Sectoral Integration Department, Ministry of Foreign Affairs of Georgia congratulated everyone on the successful launching of the project. He highlighted that Georgia is successfully implementing

association agreement and with the help of the European Union moving forward in setting up European standards in all sectors. He noted the importance of the Twinning as the unique instrument of cooperation between Georgian government agencies and the EU.

Mr. Tengiz Kalandadze, Head of the Agriculture, Food and Rural Development Department, Ministry of Environmental Protection and Agriculture of Georgia thanked event organizers for the invitation and spoke about the importance of cooperation between the EU and Georgian government agencies. He wished success to the project implementing organizations.

Additional opening remarks were given by the Resident Twinning Advisor (RTA) Ms. Inese Gavarane, Ms. Rusudan Jobava, RTA counterpart and Mr. Johannes Mayer, short-term expert and administrative coordinator from contracting organization. They thanked everyone for support and collaboration.

It is newsworthy, that the kick-off meeting was organized on the same day when activities within the EU Horizon 2020 “Science is the Captain” project took place during the European Researcher’s Night. For the first time Georgia joined the EU Member States in this Europe-wide public event that brings researchers closer to the public, with the goal to showcase the diversity of science and its impact on citizens’ daily lives. European Researcher’s Night was the topic of Ms. Ekaterine Mikautadze’s (SRNSFG) presentation. She spoke about the importance of Science Communication and European Researches Night map in details.

Mr. David Kalatozishvili, Deputy Head of EU Integration of Ministry of Regional Development and Infrastructure, spoke about Smart Specialization and the role of European Union regarding its implementation in Georgia.

Representatives of the consortium and component leaders briefed the audience with initial findings, overall objectives and the next steps of the Twinning project.

This was followed by a brief welcome and overview of the meeting aim and the added value of this project, by component leaders. All 4 Component leaders presented a timeline of the deliverable and milestones of the project.

Component 1 – Science – business links strengthened through supportive collaborative activities and funding schemes was presented by Mr. Christian Hartmann, Component 1 Leader from Joanneum Research, Austria. Within Component 1 there are planned several activities:

- Diversification of the research funding sources and strengthening inter-sectoral collaboration.
- Identification and setting of scientific priorities.
- Promotion and strengthening of consolidation of activities for science-business collaboration.

Component 2 – Legal framework and grant call administration procedures of SRNSFG revised and improved was presented by Ms. Andrea Höglinger, Component 2 co-ordinating expert, Austrian Research Promotion Agency. Within Component 2 planned activities:

- Modification of the existing call documents and legal regulations.
- Implementation of the new targeted programmes.

Component 3 – Institutional capacity of SRNSFG with a view to strengthening international collaboration enhanced was presented by Mr. Reinhard Belocky, Component 3 Leader, Austrian Science Fund. The main Component 3 activity is “Promotion and implementation of the supporting schemes/preparatory activities and capacity building based on international standards”.

Component 4 – Science Communication and awareness on science-business collaboration stimulated was presented by Mr. Gilbert Ahamer, Component 4 Leader, Environment Agency Austria. To achieve the mandatory result the activity “Conduction of awareness-raising and science communication actions through targeted programmes and supporting activities” will be implemented.

In the course of the next 16 months, the project will enhance the capacity of the Shota Rustaveli National Science Foundation of Georgia (SRNSFG) by revising and improving its existing programs and operational activities in response to national priorities and socio-economic challenges, considering regional and international context. The project will also address the absence of the science-business collaboration, promote intersectoral multidisciplinary research opportunities and support advancement of the science, technology and innovation system in Georgia.

### **Comments and Discussions**

Questions were asked concerning the Green Deal, Institutional and structural strengthening and strategy for science and innovation. All questions were answered comprehensively by project partners.

### **Closing**

Ms. Nika Kochisvhili, project manager from European Union Delegation to Georgia expressed her commitment to support the project within her role and competences. On behalf of EU Delegation, she ensured the possible flexibility necessary for the project implementation. She hoped that with the joint effort project’ mandatory and sustainable outputs will be achieved.

To conclude the kick-off meeting the RTA summarized the joint efforts and the most important aspects. Ms. I. Gavarane thanked everyone and hoped for fruitful collaboration.



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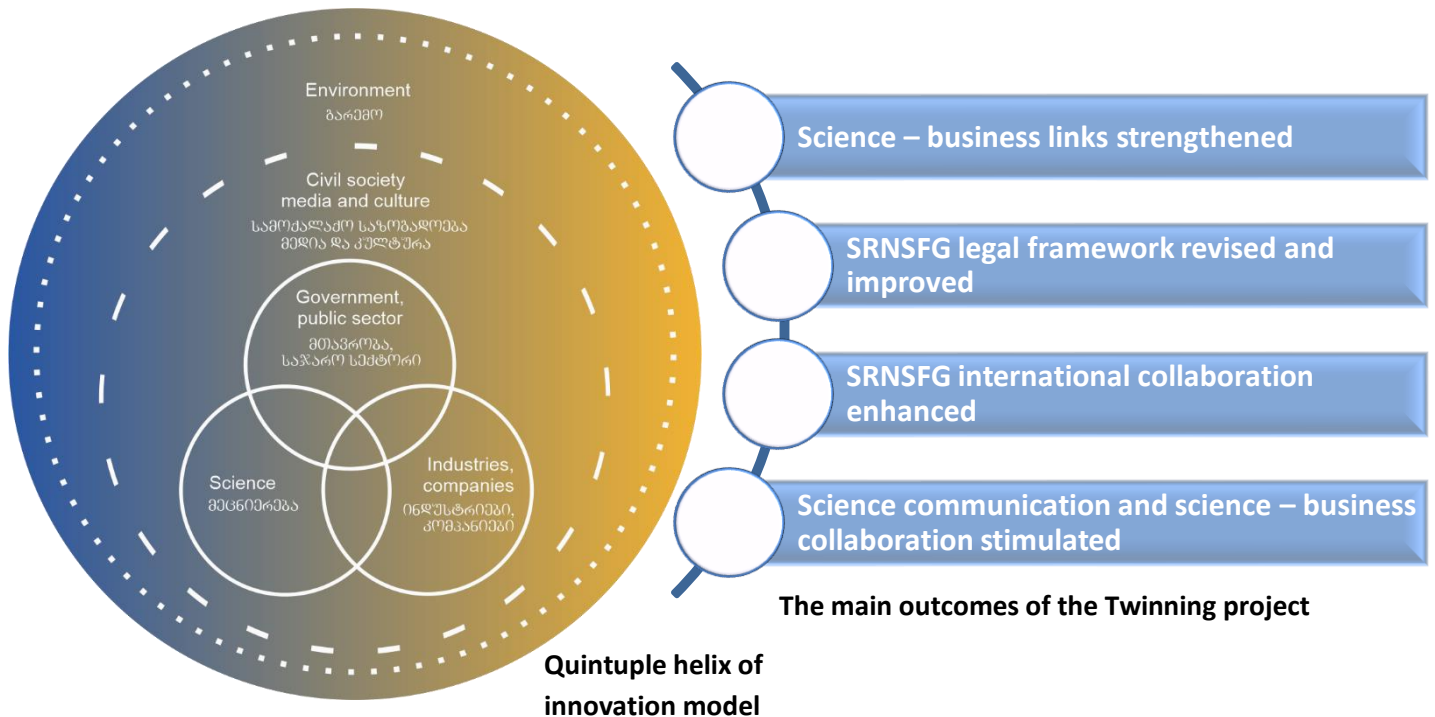
## Twinning project Supporting inter-sectoral collaboration possibilities between Research and Industry Kick-off event

Synergy action within the project EU Horizon 2020 “Science is the Captain”

### Agenda

**27 November 2020**

#### General information



#### Background

Twinning project is organizing kick-off meeting as synergy action within EU Horizon 2020 “Science is the Captain” project in Georgia on 27 November when European Researcher’s Night activities are organised in Europe.

EU Twinning project “Supporting inter-sectoral collaboration possibilities between Research and Industry” is aimed to enhance the capacity of the Shota Rustaveli National Science Foundation of Georgia by revising and improving existing programmes and operational activities of foundation in response to national priorities and socio-economic challenges, considering regional and international context.

Within EU Horizon 2020 project “Science is the Captain” Ministry of Education Science Culture and Sport of Georgia and Shota Rustaveli National Science Foundation are organizing several activities in framework of the European Researchers’ Night to bring science and researchers closer to the general public and stimulate interest in research careers.

**Venue** Zoom. Simultaneous translation will be provided.



**Georgia on European Researcher’s Night map**

Agenda  
27 November 2020  
Online

<b>Moderators:</b> Mr Levan Tlashadze, Mr Giorgi Tsotsoria, Shota Rustaveli National Science Foundation of Georgia	
<b>Tbilisi (Georgia) Time Zone</b>	
13:30 – 14:00	Connection to online meeting
14:00 – 14:30	<b>WELCOME AND OPENING</b> <ul style="list-style-type: none"> <li>- Ministry of Education Science Culture and Sport (speech on behalf of Ms. Nunu Mitskevich, Deputy Minister)</li> <li>- Mr. Catalin Gherman Deputy Head of Cooperation, EU Delegation to Georgia</li> <li>- Mr. Wolfgang Polt, Twinning project leader, Joanneum Research, Austria</li> <li>- Mr. Jaba Samushia, Twinning project leader counterpart, Shota Rustaveli National Science Foundation of Georgia</li> <li>- Mr. David Bujiashvili Director of the EU Assistance Coordination and Sectoral Integration Department, Ministry of Foreign Affairs of Georgia</li> <li>- Mr. Tengiz Kalandadze, Head of the Agriculture, Food and Rural Development Department, Ministry of Environmental Protection and Agriculture of Georgia</li> </ul>
14:30 – 15:00	<b>TWINNING PROJECT PARTNERS GEORGIA-AUSTRIA-GERMANY-LATVIA PRESENTATION</b> <ul style="list-style-type: none"> <li>- Ms. Inese Gavarane, the Resident Twinning Advisor/ Ms. Rusudan Jobava, Shota Rustaveli National Science Foundation of Georgia/ Mr. Johannes Mayer, Environment Agency Austria/ Mr. Wolfgang Polt, Joanneum Research, Austria/ Ms. Kirsten Kienzler, DLR Project Management Agency, Germany/ Mr. Reinhard Belocky, Austrian Science Fund/ Ms. Andrea Hoeglenger, Austrian Research Promotion Agency/ Mr. Juris Soms, Daugavpils University, Latvia</li> </ul>
15:00 – 15:10	<b>GEORGIA ON EUROPEAN RESEARCHER'S NIGHT MAP: IMPORTANCE OF SCIENCE COMMUNICATION AND SCIENCE-BUSINESS COLLABORATION IN GEORGIA</b> <ul style="list-style-type: none"> <li>- Ms. Ekaterine Mikautadze, Shota Rustaveli National Science Foundation of Georgia/ Mr. Gilbert Ahamer, Component 4 Leader, Environment Agency Austria</li> </ul> <div style="text-align: center;">  <p>EU Horizon 2020 "Science is the Captain"</p> </div>
15:10 – 15:20	<b>SMART SPECIALISATION IN IMERETI REGION</b> <ul style="list-style-type: none"> <li>- Mr. David Kalatozishvili, Deputy head of the European Integration Department, Ministry of Regional Development and Infrastructure</li> </ul>
15:20 – 15:40	<b>FIRST FINDINGS AND NEXT STEPS OF THE TWINNING PROJECT</b> <ul style="list-style-type: none"> <li>- Mr. Wolfgang Polt, Project Leader, Joanneum Research, Austria/ Mr. Christian Hartmann, Component 1 Leader, Joanneum Research, Austria/ Ms. Andrea Hoeglenger Component 2 co-ordinating expert/ Mr. Reinhard Belocky Component 3 Leader, Austrian Science Fund/ Mr. Gilbert Ahamer, Component 4 Leader, Environment Agency Austria</li> </ul>
15:40 – 16:00	<b>SUMMING UP &amp; CLOSING</b> <ul style="list-style-type: none"> <li>- Comments/Discussion/Q&amp;A</li> <li>- Science-Business links: 'Dance with a problem' (Ms. Inese Gavarane, Resident Twinning Advisor/ Ms. Rusudan Jobava RTA counterpart, SRNSFG)</li> </ul>

*By taking part in this event you grant the event organisers full rights to use the images resulting from the photography/video filming, and any reproductions or adaptations of the images for promotion the project's and the European Union's activities on web pages, social media, newsletters, leaflets, press releases and/or publications.*





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# Twinning Project Partners Georgia-Austria-Germany-Latvia



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# Twinning – a sustainable partnership

- Build on best practice and operational experience in Europe
  - Adapting to actual needs and situation in Georgia
- Establish institutional partnership and networking with the Georgian partners beyond project duration, thus supporting sustainability commitments of the Beneficiary Institutions

Our joint success

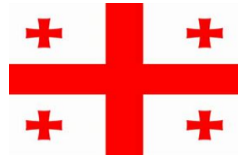
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graph LR; A[Our joint success] --> B[Flexibility]; A --> C[Continuity];
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**Inese Gavarane**  
Resident Twinning Advisor  
(RTA)



Beneficiary



## Shota Rustaveli National Science Foundation of Georgia

Responsibilities within the Twinning project:

- To manage the mapping and implementation of the project;
- To ensure the ownership and sustainability of results during all this phases;
- To mobilize the staff, demonstrate enduring commitment and engagement;
- To guarantee all Beneficiary side actors to be involved in the cooperation with the Member State experts during project implementation.



**Rusudan Jobava**

Acting RTA counterpart  
Georgia

Beneficiary



## Shota Rustaveli National Science Foundation of Georgia

What we are expecting from the project?

The Twinning project will enable the foundation:

to share expertise and gain necessary experience

- to strengthen the SRNSFG's organizational capacity
- to identify scientific priorities
- to promote dialogue between various stakeholders
- to facilitate capacity building of the staff

Lead Partner



## Environment Agency Austria

- Established 1985 - Leading Austrian expert organisation for environmental issues; working on the science/policy interface (around 8 Mio EUR EU research project participation 2008-2020)
- Supporting Austrian & European environment and co-operation policies in projects of public interest:
  - since 1999 more than 100 EU Twinning projects
  - of which 3 in Georgia (2004-2005 non-military service, 2012-2014 waste management, 2013-2015 protected areas)



**Johannes Mayer**  
Project  
Co-ordinator

## Project Partner



## Joanneum Research

- One of the major public research organisations in Austria with some 450 employees in 7 institutes with a mission to support innovation in private and public sector
- Owned by the Austrian 'Länder' Styria, Carinthia and Burgenland
- JR-POLICIES provides public policy and private actors with applied research and decision making support in all Austrian provinces, at the federal level, in many countries around the world and for international organisations (EC, OECD)



**Wolfgang Polt**  
Director of POLICIES  
Twinning Project Leader

## Project Partner



## DLR Project Management Agency, Germany



**Kirsten Kienzler**

Head of Division

“STI Cooperation with  
EaP Countries, Russia,  
and Central Asia”

**Junior Project Leader**

Component 3  
co-ordinating expert

- DLR-PT is one of Germany’s **largest** project management agencies
- DLR-PT is the only project-executing organisation in Germany with a thematic breadth ranging from the **natural sciences** and **engineering** to the **humanities, social sciences** and **educational research**.
- DLR-PT builds the **bridge** between politics and research, education & innovation
- ~ Funding of **EUR 1.4 billion, > 10,000 projects per year**
- Servicing **5 German Ministries**, the **European Commission** and **European Union**, several “Laender” and other organisations
- Services include **analyses & strategic consulting, funding management, communication & dialogue**

## Project Partner



# DLR Project Management Agency, Germany



- The European and International Cooperation Department is the home location of:
  - **International Bureau** of the Federal Ministry of Education and Research (BMBF)
  - **EU-Bureau** of BMBF
  - **ESFRI** Support Office
  - **EUREKA** Bureau
  - **COST** National Coordinator
  - 8 National Contact Points (**NCP**), e.g. SME, JRC, ERC, FET, Marie-Curie...



## Project Partner



# DLR Project Management Agency, Germany



- Kirsten's Division supports **BMBF** in **planning and implementation of bilateral agreements** and **STI cooperation programmes** with e.g. **EaP countries**
- Services the **International Service Facility of the EC** in the EaP countries through
  - “Support on analyses on the progress towards the European Research Area (ERA) integration of the associated European Neighbourhood Policy”
  - “Support to EU-EaP Research and Innovation Cooperation”
- Conducts **evaluations, peer reviews** and **analyses** through a broad set of methodologies



## Project Partner



## Austrian Science Fund

- National funding agency for **scientific research** (incl. humanities)
- Independent, established 1968, budget **246 Mio. EUR** (2019)
- Funding of:
  - **Top-quality research** (“Exploring new frontiers”) research projects, international collaborative projects, priority research programmes, science prizes
  - **Human resources development** (“Cultivating talents”) Doctoral programmes, incoming & outgoing mobility, promotion of women
  - **Interactive effects science-society** (“Realizing ideas”) Clinical research, arts-based research, transdisciplinary research, citizen science



**Reinhard Belocky**  
Head of Strategy –  
International  
Programmes  
**Component 3 Leader**

Project Partner



## Austrian Science Fund

### Strong **international orientation**

- Quality assessment
  - international peer review
  - programme evaluation
- International collaborative & mobility programmes
  - ~20% of total funding budget
- International science policy
  - Science Europe
  - Global Research Council
- Open Access
  - Plan S

## Project Partner



## Austrian Science Promotion Agency

- National funding agency for applied research and innovation
- National Contact Point Hub for EU Programmes
- Governmental agency, annual budget ~600 Mio. EUR
- Funding programmes:
- Bottom-up firm projects (industry & SMEs)
- Competitive thematic/challenge oriented cooperative programmes (e.g. mobility, production, cities of the future, energy, environment space, ...)



**Andrea Höglinger**  
Head of European  
and International  
Programmes  
**Component 2**  
**co-ordinating expert**

## Project Partner

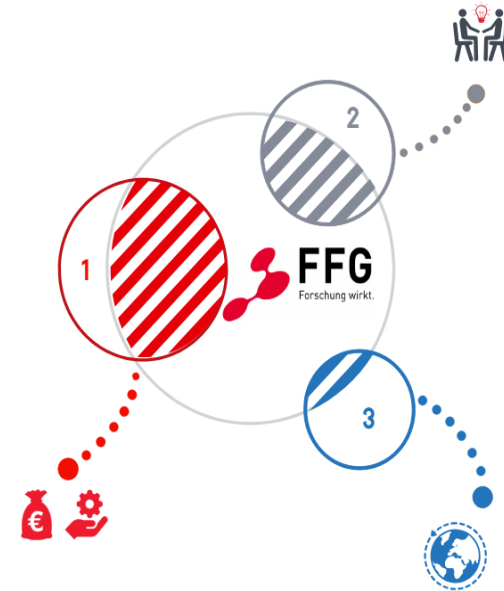


## Austrian Science Promotion Agency

### Funding

- at various stages of growth. Funding open for all R&I players (focus on enterprises and SME)
- 1. Grants
- 2. Loans
- 3. National Contact Point for Horizon 2020/Europe
- 4. (Tax Premium – support for tax officers and Ministry of Finance)

CAPTURE GROWTH OPPORTUNITIES THROUGH INNOVATION



Partnership  
between  
industries,  
SMEs and  
academic  
institutions

### Internationalisation

reaching out for new markets

Project Partner



## Daugavpils University, Latvia

Established in 1921:

Latvian biggest and oldest regional University.

- More than 200 projects, including FP7 and Horizon 2020 with partners from Georgia.
- Internationally recognised staff
- One of the largest and best performing research and development university in Latvia
- Internationally connected with leading universities



**Juris Soms**

Dean of the Faculty of  
Natural Science and  
Mathematics  
**Junior Project Leader**

## Project Partner



## Daugavpils University, Latvia

- Research culture informs and enhances all aspects of teaching and learning
- Internationally and culturally diverse learning community
- Range of adaptive postgraduate courses
- Internship, work experience and exchange opportunities
- Curriculum that motivates, excites and instills a desire for life-long learning





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# First findings and the next steps of the Twinning project



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## Twinning project objectives

### Overall Objective:

to address the priorities and challenges in Georgia's Science, Technology and Innovation System with the aim of ensuring interdisciplinary approach, collaborative research and promote evidence-based policy implementation in line with the EU-Georgia Association Agreement.

### Specific objective:

to enhance the capacity of the Shota Rustaveli National Science Foundation of Georgia by revising and improving existing programmes and operational activities in response to national priorities and socio-economic challenges, considering regional and international context.

The project will address the absence of the science-business collaboration, promote intersectoral multidisciplinary research opportunities and support advancement of the STI system in Georgia.



Wolfgang Polt  
Project Leader  
Joanneum Research  
Austria

Science – business links strengthened

SRNSFG legal framework revised and improved

SRNSFG international collaboration enhanced

Science communication and science – business collaboration stimulated

## Component 1 – Science – business links strengthened through supportive collaborative activities and funding schemes

### Findings

- ✓ The mapping of international sources for research funding show a strong bias in favor of mobility schemes and a large diversity of thematic areas
- ✓ Currently no strategic approach to address international research funding can be observed
- ✓ Research output in the science sector can be easily tracked with bibliometric analysis, specialization patterns can be observed in physics and astronomy, mathematics, and earth and planetary sciences.
- ✓ There is a lack of data on RDI activities for the business sector
- ✓ Analysis of patenting activities show specialization patterns in pharmaceuticals and organic fine chemistry
- ✓ Analysis of economic specialization patterns reveal relative strength in ferro-alloys and grape-wines
- ✓ For the future there are potentials for specialisations in transport, business services (e.g. market research, legal services and accounting as well as operational leasing service) and energy intensive products (e.g. raw aluminium)



Christian Hartmann  
Component 1 Leader  
Joanneum Research  
Austria

## Component 1 – Science – business links strengthened through supportive collaborative activities and funding schemes

### Next steps

- ✓ Further provision of policy intelligence
  - Analyses related to Green Deal and Circular Economy
  - Identification of potential scientific priorities
- ✓ Capacity building for SRNSFG
  - Webinars on STI priority setting
  - Trainings on
    - Analysis of specialization patterns
    - Foresight
    - Practical experiences in science business cooperation
- ✓ Fostering dialogue
  - Round table talks

## Component 2 – Legal framework and grant call administration procedures of SRNSFG revised and improved

### Findings - main challenges

- ✓ **bringing research results to innovation:** lack of appropriate skills and capacities towards commercialization of R&D results at universities and research centres (e.g. IPR, technology transfer, cooperation with companies)
- ✓ **cooperation between science and business sector:** little knowledge about each other; expandable cooperation potential at national level; lack of appropriate formats to strengthen cooperations between science and businesses; improvable cooperation potential at agency level (SRNSFG and GITA)
- ✓ **set up of national R&I strategies and programmes:** from strategic R&I goals to appropriate objectives at call level, incl. evaluation procedures and possibilities of funding levels for different target groups.
- ✓ Currently business participation cannot be funded by SRNSFG



Andrea Höglinger  
Component 2  
co-ordinating expert  
Austrian Research  
Promotion Agency

## Component 2 – Legal framework and grant call administration procedures of SRNSFG revised and improved

proposed next steps and aims for C2

- ✓ Collection of good practices from D and AT for further discussion:  
Supporting a more systematic approach to business-science relations:  
Knowledge building and exchange on possible formats" to  
strengthen science - business cooperations  
e.g. support for building step-by-step business-science  
relations including selection of potential financial support  
instruments for SRNSFG
- ✓ Support for strengthening the cooperation with GITA and or other partners  
e.g. discussing examples of potential formats for cooperations and  
support towards implementation of defined measures



## Component 3 – Institutional capacity of SRNSFG with a view to strengthening international collaboration enhanced

### Findings - main challenges

- ✓ Dedicated strategy for international scientific collaboration is lacking, no specific priority setting for cooperating with particular institutions/countries
- ✓ SRNSFG has approx. 10 bilateral programs based on international agreements, and aims at increasing; most of these agreements do not have annual calls
- ✓ Estimated funding of internationalisation activities amounts to 7% of the annual funding budget, approx. 50% for short term mobility (conferences, workshops, short term exchange)
- ✓ impact assessment of the funding programmes/schemes is lacking
- ✓ Internationalization strategy reflecting the Georgian science system in general and targeting SRNSFG in particular is a prerequisite for further targeted actions including funding programme development



Reinhard Belocky  
Component 3 Leader  
Austrian Science Fund



## Component 3 – Institutional capacity of SRNSFG with a view to strengthening international collaboration enhanced

### Next steps

- ✓ Component 3 activities adjusted to supporting the development of an internationalization strategy
- ✓ Online workshop series with SRNSFG and MoESCS for strategy development
  - WS1: Setting the scene
  - WS2: Identifying topics  
(with participation of science community and innovators)
  - WS3: Results & next steps
- ✓ Analysis of international co-publications
- ✓ Deliberating on impact assessment of the funding programmes and evaluation at SRNSFG
- ✓ Fostering collaboration with SRNSFG International Policy Board

## Component 4 - Science Communication and awareness on science-business collaboration stimulated

### Findings - main challenges

- ✓ Georgians wish **more efficient** science-business cooperation!
- ✓ Low salaries create drain of staff to private sector
- ✓ Brain drain: how to bring Georgian scientists back from abroad? Provide hope!
- ✓ Often, Georgian scientists participate in large international teams of 100s
- ✓ For pupil programs: untrained teachers
- ✓ There are several rather unconnected organisations Georgia's Innovation and Technology Agency (GITA), TBC Bank
- ✓ Lack of entrepreneurship
- ✓ Lack of trust
- ✓ Traditional research focus on "exact" science without looking at societal relevance
- ✓ There seems to be no **strategy** yet for science-business communication

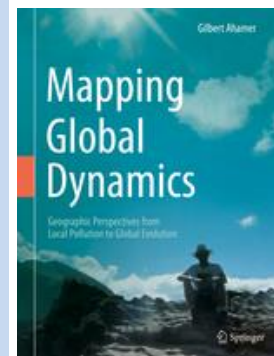
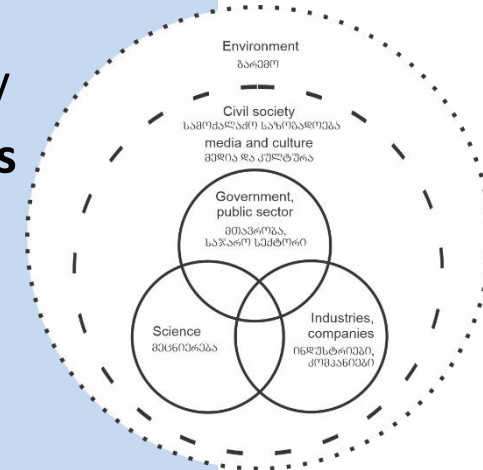


Gilbert Ahamer  
Component 4 Leader  
Environment Agency  
Austria

## Component 4 - Science Communication and awareness on science-business collaboration stimulated

### Next steps

- ✓ Finishing the analysis of **sectoral strengths** in science and in economy
- ✓ Better allocation of existing Georgian brain power to **business sectors**
- ✓ Trainings in science communication
- ✓ Establishment of modern entrepreneurial culture
- ✓ Development of model and strategy for Science Communication
- ✓ More inclusion of international donors for science
- ✓ Revision of regulatory documents of targeted grant call for science popularization and SRNSFG prize for special achievement
- ✓ More active involvement of the regions
- ✓ Inclusion of **'Green Deal'**, circular economy, renewable energies in national research priorities



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# GEORGIA ON EUROPEAN RESEARCHER'S NIGHT MAP: IMPORTANCE OF SCIENCE COMMUNICATION AND SCIENCE- COLLABORATION IN GEORGIA

MARIE SKŁODOWSKA-CURIE ACTIONS  
European Researchers' Night  
Science is the Captain

&

Twinning project  
Supporting inter-sectoral collaboration possibilities between  
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CAPTAIN - Ref. 955373



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## Science is the Captain



The **European Researchers' Night** launched in 2005, funded by the European Commission under the Marie Curie Actions, has the following targets:

- To celebrate science and bring researchers closer to the general public.
- To discover the world of science in a fun and interactive environment.
- To show the diversity of science.
- To impact on citizens' daily lives.
- To stimulate young people interest in research careers.



[www.captain2020.ge](http://www.captain2020.ge)

CAPTAIN - Ref. 955373



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# Science is the Captain



## European Researchers' Night 2020

### In Europe

- 30 countries
- 52 Projects
- around 300 cities

### In Georgia 6 cities

- Tbilisi
- Kutaisi
- Batumi
- Telavi
- Zugdidi
- Akhaltsikhe



[www.captain2020.ge](http://www.captain2020.ge)

CAPTAIN - Ref. 955373





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## Science is the Captain



“Science is the captain and practice the soldiers.” @ Leonardo da Vinci

### Project Consortium:

**Coordinator** - Ministry of Education, Science, Culture and Sport of Georgia

**Participant** - The Shota Rustaveli National Science Foundation of Georgia

### Interdisciplinary and intersectoral approach

- Historically advanced scientific fields in Georgia
- Future and emerging sciences and technologies
- Space and earth sciences
- Culture, creativity and sport



[www.captain2020.ge](http://www.captain2020.ge)

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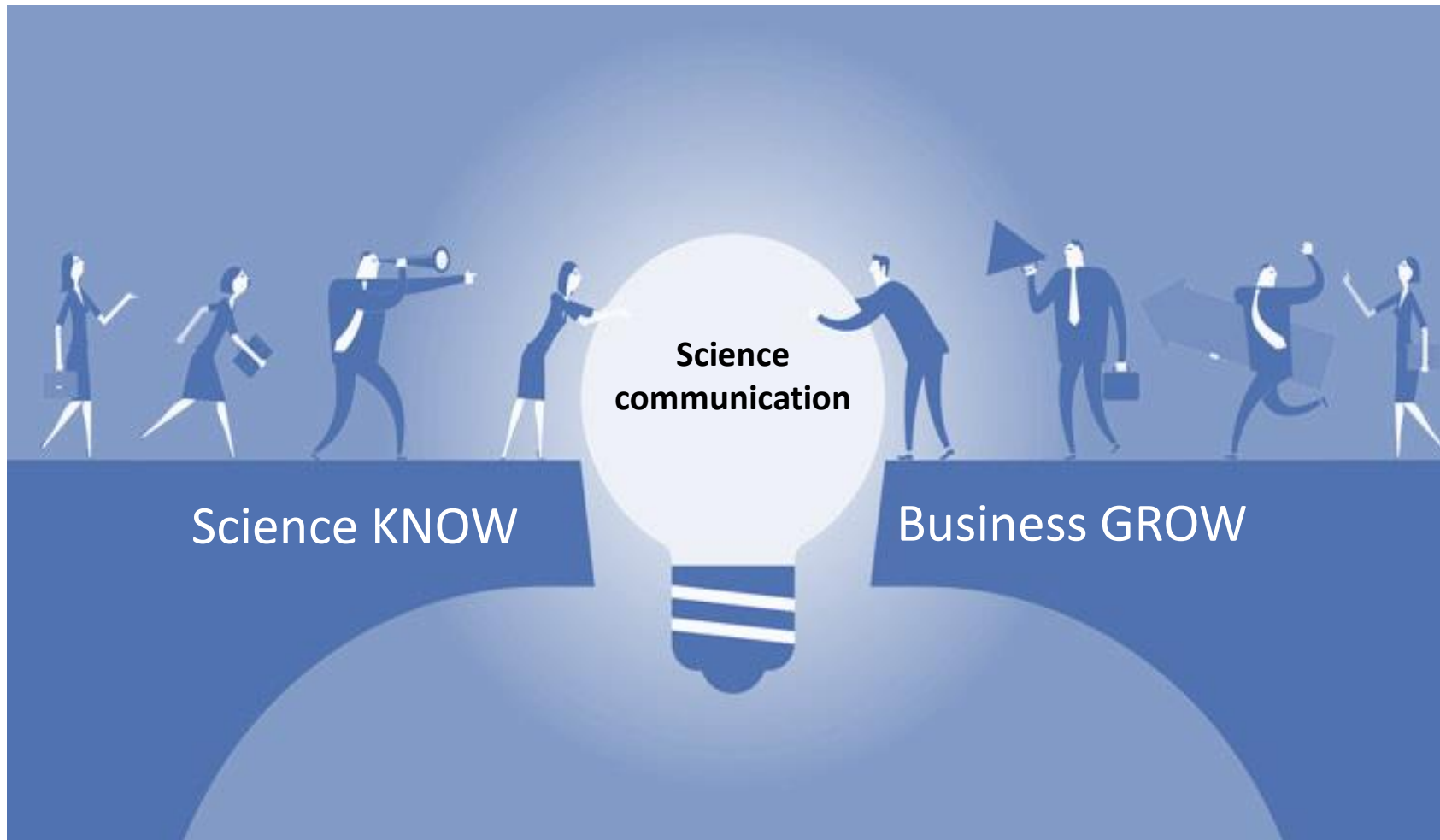
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Science communication is one of the options to **bridge** science and business



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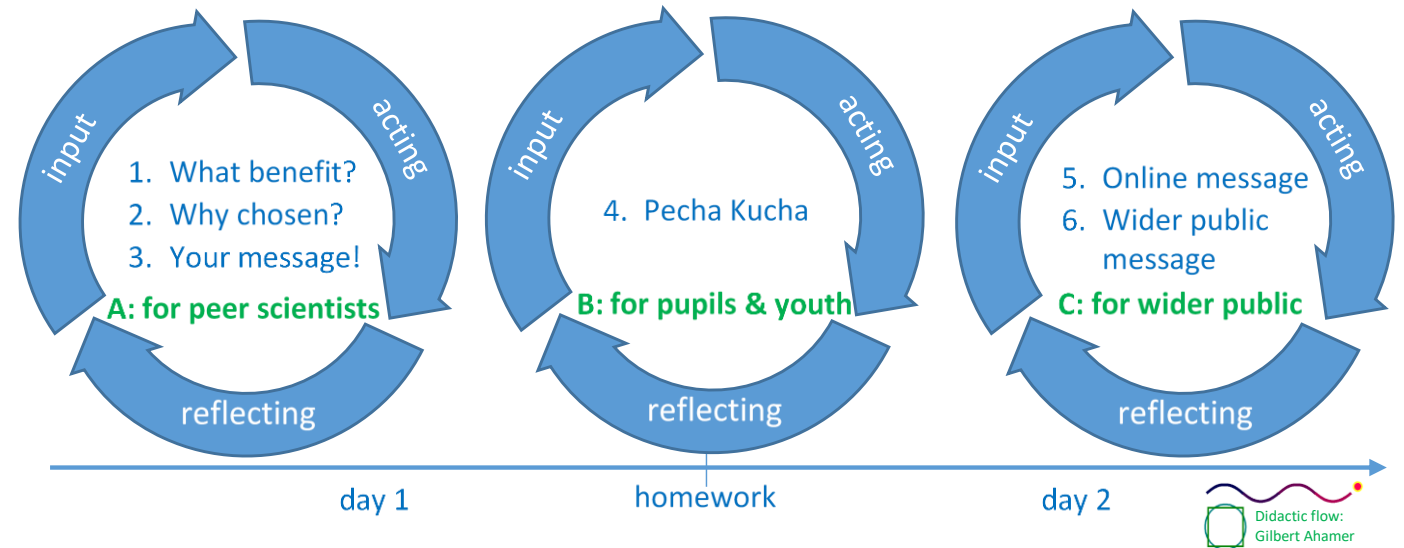


## Joint seminar on the “design of science communication”

19-20 November 2020

The didactic dramaturgy followed the  
paradigm of “**action in reflection**”

Schön, D.A. (1983), Reflective Practitioner: How Professionals Think in Action. Taylor & Francis, London.



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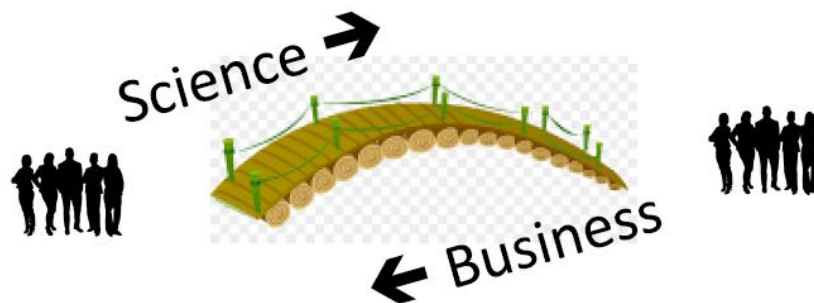
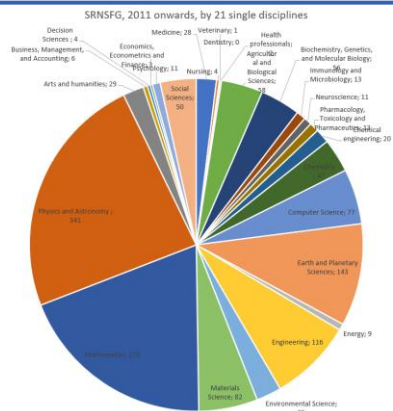
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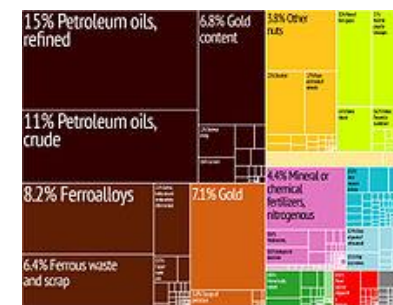
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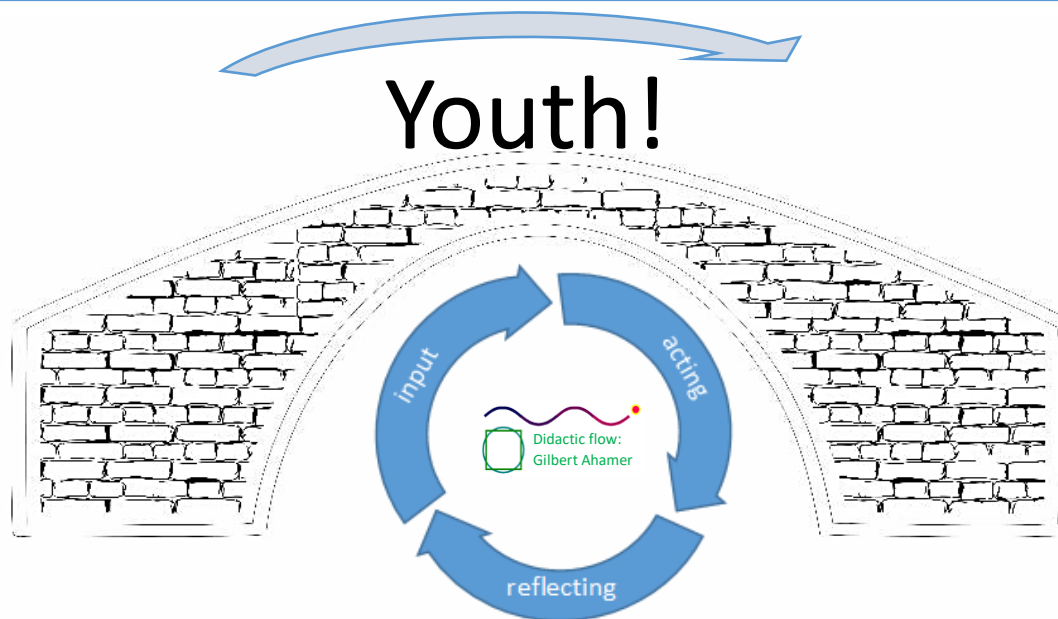
## Science is the Captain



... let us walk across the bridge!



science  
KNOW



business  
GROW





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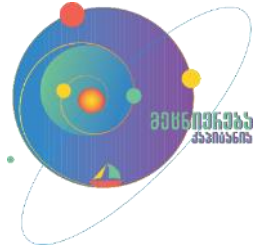
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# Why science-business collaboration is important

*Twinning = institution building*

*Twinning = building bridges*



## What are benefits of science-business collaboration for business?

*Some answers, with a focus on long-term development:*

- Better economic development through home-made innovation in Georgia
- Forming of production chains with linkage to export markets
- Meeting quality requirements of international partners better
- Co-deciding on strategic research directions within Georgia
- Making use of the well-developed human resources within Georgia
- Science communication and science-business collaboration is continuous learning process and there is no one common strategy for all countries.
- Culture is great opportunity for science communication and mediation science-business cooperation.

• *EU Policies:*

science  
KNOW

*'Green Deal'*

business  
GROW







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# The essence of what we are doing

- What is a publication?



- What is science-business communication?



Caring about the social linkages when communicating



## **Ekaterine Mikautadze**

SRNSGF,  
Office of Science  
Popularization,

Project WP2 Leader  
of the Activities  
during the NIGHT



## **Gilbert Ahamer**

Environment Agency Austria , senior scientist, C4 Leader

# Thank you!