

# How Can the NCP Support You

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# NCP System in Georgia

Shortly after Horizon 2020 became effective, Georgian national authorities (MoES) established fully functional network of NCP system for Horizon 2020.

The NCP System has a decentralized setup with 21 National Contact Points from different institutions (ministries, universities, research centers, NGOs, etc.) appointed and coordinated by the Ministry of Education and Science of Georgia.

Basically, the role of NCPs is to provide the following services:

- Guidance on choosing relevant h2020 topics and types of action
- Advice on administrative procedure and contractual issues
- Training and assistance on proposal writing
- Distribution of documentation (forms, guidelines, manuals, templates etc.)
- Assistance in partner search
- Awareness Raising Activities: Info days, Seminars, websites on work Programmes and Rules of Participation.

NCPs are expected to be knowledgeable about all aspects of H2020 beyond their specialist area, thus, allowing effective signposting, when necessary



# How to work with Participant Portal

- **Participant Portal** is the single online gateway for applicants and beneficiaries in Horizon 2020, for identifying funding opportunities, accessing documents and guidance, submitting proposals and for the paperless management of grants and expert contracts.
- <http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- First of all it is necessary to make registration of your organization in this portal.
- Applicants aspiring to apply for research funding by submitting project proposal, are encouraged to register their organization on this portal and obtain **9-digit Participant Identification Code (PIC)**
- At the same time you should take appoint LEAR (Legal Entity Appointed Representative) of your organization.
- On Participant Portal, you can find announced or forthcoming calls, other funding programs; repository of documents (templates, Work Programmes, Guidebooks, Manuals, etc.) related to Horizon 2020, online manual setting forth rules of participation.
- *Note: If you're new to the Participant Portal, you will first need to create a user account (ECAS Account), before you start registration process*



# Associate Agreement with H2020

- Georgia is en route to **Associated Membership to Horizon 2020**. In January 2015, the MoES received an affirmative response on the formal request to join the Horizon 2020 as an Associated Member. On 23 February 2015, the Ministry officially received draft of International Agreement on Georgia's Association to the program coupled with estimations for Georgia's contribution to the Program envisaging 85% rebate of total membership fee; Moreover, 50% out of the remaining 15% will be reimbursed by the ENPI instrument, Technical Cooperation Facility.
- In May, 2015, the Ministry held technical negotiations through series of video conferences about draft text of international agreement. The technical negotiations between Georgian and European Commission sides were completed by the end of June 2015.
- In parallel of the process, the draft of international agreement was submitted to the Ministry of Foreign Affairs of Georgia for undertaking respective internal state procedures required for the entry of International agreement into legal force. The process is ongoing. After the internal state procedures are finalized, International Agreement will be initialized by the Ministry of Education and Science of Georgia and the European Commission. Initialization procedure is expected to take place in the autumn 2015.



# ICT and Innovation Strategy

- Development of information and communication technologies is strong opportunity to build up an information society, they will support further economic and social development of the country and stimulate integration into the Euro-Atlantic space. For this reason the Government of Georgia pays special attention to develop the mentioned sphere - creating new concept of development and rapidly using the innovative techniques and technologies.
- At present the efforts to stimulate innovation and ICT sector through policy measures are evident in Georgia, although the process of creation of a coherent innovation policy started only last year in the country. The formulation of such a policy which was elaborated by the relevant actors from World Bank, universities, the public and private sectors could help Georgia make a big step forward in economic development as well as in increasing of international ranking indicators such as the GCI – (Global Competitiveness Index) and Global Innovation Index.



# World Bank Contribution to Innovation Strategy

- In 2014 World Bank invited experts from abroad and from Georgia and with the help of them elaborated new innovation strategy for the country.
- The primary objective of this strategy is to set-up and present priorities in the area of ICT, innovation, research, and technological development. The Innovation Strategy will provide an integrated approach to improve the capacity of existing institutions to foster innovation activities in the business sector. It will drive competitiveness and economic development founded on a knowledge-based society towards creativity and technological progress.



# Main Governmental Structures in Georgia for Development of ICT and Innovation

- **The Ministry of Economy and Sustainable Development of Georgia**  
The mission of this Ministry is to provide stable and high economic growth with effective economic policy which will provide a favorable business environment in the country.
- **The Ministry of Education and Science of Georgia** aims at establishing modern and innovative educational and scientific environment in close cooperation with civil society.
- **Shota Rustaveli National Science Foundation** promotes: implementation of fundamental, applied and innovative research in a competitive environment, development of knowledge-based society, reinforcement of links between science and education, integration of Georgia into international research area and popularization of science.
- **Georgia's Innovation and Technology Agency (GITA)** is assigned to coordinate and at the same time to provide development of innovation and technologies in the country.



# National Innovation Council

- In 2013 **Innovation Council** was created in the frames of the economic committee of the Georgian Parliament aims to elaborate innovation policy (in general) and to create new legislation concerning innovation production at universities, etc.
- **Foundation of National Innovation Council (NIC).** The formulation of a coherent policy in such a wide and cross-cutting field, like innovation, requires a high-level body for its coordination and monitoring. NIC was established directly under the leadership of the Prime Minister of Georgia and aims to analyze, develop and help to implement strategies for innovation support in Georgia. The main tasks of the NIC are (i) the formulation of a National Innovation Strategy, (ii) the provision of the necessary institutional setup and policy coherence, (iii) development of an Action Plan and (iv) monitoring of its implementation.



# Partner Search

**You can use Idealist 2018 (Transnational Cooperation among ICT NCPs) Partner Search system.**

**Project web site: [www.ideal-ist.eu](http://www.ideal-ist.eu)**

**In IDEALIST are united ICT NCPs from 35 countries, among them is ICARTI from Georgia.**



- > [View Partner Searches](#)
- > [Launch a New Partner Search](#)
- > [Opportunity finder](#)
- > [Find your Representative](#)

Ideal-ist addresses ICT companies and research organizations worldwide wishing to find project partners for a participation in the Horizon 2020 program of the European Commission. Ideal-ist offers a unique and quality-labelled Partner Search and other services helping to ease participation in Horizon 2020. Learn more [About ideal-ist](#)

**Open calls** [View All](#)

- > H2020 – EU-JAPAN – 2014  
Close date: 10/04/2014
- > H2020 – FoF – 2014/2015  
Close date: 20/03/2014
- > H2020-EINFRA-2014/2015  
Close date: 02/09/2014
- > H2020-ENERGY-EE-2014/2015  
Close date: 05/06/2014
- > H2020-ENERGY-LCE-2014/2015  
Close date: 07/05/2014

**Recently Published Partner Searches**

- > PS-IT-89787: SPAIN-TING: Spacetime-Inspired Computing
- > PS-ES-89283: Knowledge as a Service: exploring the Big Data paradigm towards knowledge generation for smart and advanced technological applications
- > PS-ES-89830: MDE-Health
- > PS-IT-89363: single chip safety microsensors

[View All](#)

**In QA process**

- > PS-IT-89228: (RAFT) Using the RFID technology against the freight thefts along the supply chain
- > PS-NO-89154: Inclusive-MT
- > PS-NO-89152: Inclusive-MT

[View All](#)

**ICT Events**

[View All](#)

- > Towards 2020: New Horizons for RTD and Innovation in the Western Balkan Region
- > AAL-Forum 2014

**ICT News**

[View All](#)

- > First competitive call for experiment proposals under the European Clearing House for Open Robotics Development (ECHORD++) project





## QA label Partner search

PS ID	Proposal Name	Publish date	Call	Objective	Country	Quality Label	Status
PS-IT-89787	SPAIN-TING: Spacetime-Inspired Computing	13/03/2014	H2020-FETOPEN-2014/2015	FETOPEN 1 – 2014/2015: FET-Open research projects	Italy		Open
PS-ES-89283	Knowledge as a Service: exploring the Big Data paradigm towards knowledge generation for smart and advanced technological applications	07/03/2014	H2020-ICT-2014	ICT 15- 2014: Big Data and Open Data Innovation and take-up	Spain		Open
PS-ES-89830	MDE-Health	06/03/2014	H2020-HEALTH-PHC-2014/2015	PHC 26 – 2014: Self-management of health and disease: citizen engagement and mHealth	Spain		Open
PS-IT-89363	single chip safety microsensors	06/03/2014	H2020-ICT-2014	ICT 2- 2014: Smart System Integration	Italy		Open
PS-IT-89725	Phrase-based Ontology Enabled Multilingual Natural Language Machine Translation	06/03/2014	H2020-ICT-2014	ICT 17- 2014: Cracking the language barrier	Italy		Open
PS-AM-89835	Enhancing the security and efficiency in cloud applications by Polynomials and White-box encryption (POLYBOX).	05/03/2014	H2020-ICT-2014	ICT 32- 2014: Cybersecurity, Trustworthy ICT	Armenia		Open
PS-SI-89391	CryptoCloud	05/03/2014	H2020-ICT-2014	ICT 7- 2014: Advanced Cloud Infrastructures and Services	Slovenia		Closed
PS-GR-89705	Intelligent Routing in real-time environment	28/02/2014	H2020-TRANSPORT-MG-2014/2015	MG.7.1-2014. Connectivity and information sharing for intelligent mobility	Greece		Open



## SPAIN-TING: Spacetime-Inspired Computing



[Reply to partner search](#)

### PROJECT OVERVIEW

PS ID: PS-IT-89787  
Status: Open  
Date of last Modification: 13/03/2014  
Date of Publication: 13/03/2014  
Call Identifier: H2020-FETOPEN-2014/2015  
Objective: FETOPEN 1 – 2014/2015: FET-Open research projects  
Funding Schemes: Research & Innovation Actions  
Evaluation Scheme: One stage  
Closure Date: 29/09/2015



Serching partners interested in multidisciplinary research on computational universe conjecture and emergent computational patterns in discrete models of spacetime

### PROJECT DESCRIPTION

#### Proposal Outline:

Investigating the clever solutions invented by nature, in several billion years of evolution, for supporting life processes in the biosphere, is, today, a well consolidated practice in multi-disciplinary research areas such as bio-inspired computing, whose benefits in terms of technological innovation are already being delivered.

Project SPAIN-TING starts from the basic and highly controversial assumptions that (i) Nature is fundamentally computational, meaning that the complexity observed in the Universe is the manifestation of the emergent properties of pure information processing activities; and, more crucial, that (ii) computation occurs at all levels, down to the physical level of subatomic particles, and below. Not only 'life is evolving software' (as recently suggested by G. Chaitin), but spacetime itself, intended as the ultimate, discrete fabric of the cosmos, computes.

The conjecture of a discrete, network-based, algorithmic spacetime can be naturally placed in the context of established fundamental physics research (and quantum gravity), and dialogue with efforts in that area (e.g. with the Causal Set Program) is useful, but we expect contributions also from the fields of theoretical and evolutionary biology, of complex networks, and others. The most ambitious and visionary objective of this project is to open a path toward the identification, crucially by massive simulation, of some of the 'clever' computing solutions that may be hidden at the lowest scales (Planck, presumably) of the physical universe, in view of their technological exploitation in the form of spacetime-inspired computing.



## PARTNER PROFILE SOUGHT

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### Required skills and Expertise:

We look for individual researchers, or groups, with the following skills:

- Discrete models of spacetime (Causal sets, Causal Dynamical Triangulations, Spin Networks, NKS), Physics of spacetime (Lorentz metrics and invariance, Minkowski and de Sitter space,...).

Complex network science (scale free, percolation, ...).

- Computer science. Simple models of computation (Turing machines, cellular automata, boolean networks, graph rewriting systems, ...). Genetic algorithms. Massive parallel systems. Simulation of agent-based systems.

- Dynamical systems, chaos theory, self-organisation and emergence.

- Theoretical and evolutionary biology, artificial life (Kauffman, ...).

- Computational universe conjecture (Zuse, Fredkin, Wolfram, Lloyd, ...).

### Description of work to be carried out by the partner(s) sought:

Theoretical research on, and massive computer simulation of algorithmic discrete models of spacetime satisfying key physical requirements (e.g. Lorentz-invariance); identification of emergent information-processing solutions in view of their technological exploitation.

### Type of partner(s) sought:

Universities, public research institutions, research departments of private companies.

### Looking for a Coordinator for your proposal:

No

## PROPOSER INFORMATION

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**Organisation:** CNR Italian National Research Council

**Department:**  
ISTI Istituto Scienza e Tecnologie Informazione

**Type of Organisation:** Research Center


**Country:** Italy



Reply to partner search

## Expression of Interest Form

Express Your Interest: insert your comments and data

 Information on the PS

### Comments

Your Comments to the **Required Skills and Expertise** : \*

Highlight your skills and expertise proving inference to those requested in this Partner Search

Your Comments to the **Work to be carried out by the partner(s) sought** : \*

Highlight your capacity and resources available in carrying out the work requested

Your Comments to **Type of partner(s) sought** : \*

Highlight that your profile matches the type of partner sought

List here very shortly your experience of working on EU Programmes, National Programmes and Publications: \*

My organisation participated in an IST/ICT Project before

My organisation coordinated an IST/ICT Project before

### Your Data

First Name: \*

Last Name: \*

Organisation: \*

Type of Organisation: \*

Department: \*

Fax Number:

Phone Number:

Web Address:

City: \*

Country: \*

Street:

Postal code:

Email: \*

# EH project service

East Horizon project has the following service:

If you have any question regarding the participation, preparation, submission, etc. of your future proposal in H2020 you can send your question to EH Web site: <http://eeca-ict.eu/index.php/helpdesk>.

You should fill in helpdesk form and send it. In 3 days you will receive comprehensive response on your question.

The screenshot shows a web browser window with the URL [eeca-ict.eu/index.php/helpdesk-form](http://eeca-ict.eu/index.php/helpdesk-form). The form is titled "EH helpdesk form" and contains the following fields:

- Email \*
- Country \* (dropdown menu showing "Other")
- Organization \*
- Position
- Phone
- Subject \*
- File (Choose File)
- Question \*

At the bottom of the form, there is a CAPTCHA section with the text "Type the text" and a "Submit" button. The right sidebar contains the following sections:

- News
  - EECA Cluster 2nd round of training events
  - EPoS Annual Forum & MNESS2015
  - Join the EECA Cluster awareness raising and networking activities in Tbilisi, GE
  - Adoption of the 2014 European Neighbourhood Reports
  - Launch of Alliance for Internet of Things Innovation
- Upcoming Events
  - 09 SEP Networking / Community building event Tbilisi, Georgia
  - 10 SEP H2020 Eastern Partnership info-day Tbilisi, Georgia
  - 11 SEP RAI in the field of e-infrastructures Tbilisi, Georgia
  - 28 SEP CSIT2015 conference Yerevan, Armenia
  - 20 OCT EECA Cluster @ ICT2015 event Lisbon, Portugal
- Competence Platform
  - Find your Research Partner

# Local information system in Georgia

- The real useful information system in Georgia was created only in 2015 by the Ministry of E&S of Georgia. The portal of the Ministry of E&S of Georgia at present has link:  
Horizon 2020 - <http://horizon2020.ge/>
- Web site of Rustaveli Foundation reflects all activities including H2020 events and news:  
<http://www.rustaveli.org.ge/index.php?lang=eng>
- ICARTI web site: [www.icarti.ge](http://www.icarti.ge)



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