

## Project Deliverable D2.3b

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<b>CO</b>	Confidential, only for members of the consortium (including the Commission)	

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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The present paper describes the project approach and concrete networking and liaison activities with relevant national stakeholders implemented by ISTOK-SOYUZ project in all addressed countries. It also includes description of activities planned by partners behind of the project end. These activities reflect sustainability of the achieved results came from networking and liaison activities realized by ISTOK-SOYUZ project.

The main part of the report – Chapter 3 – is organized in 3 blocks according to the 3 levels of networking/liaison activities in different targeted regions

- **in Russia** where ISTOK-SOYUZ is in fact the follow up of ISTOK.RU, the project continued the collaboration with Russian relevant stakeholders
- **in 4 countries** - Ukraine, Belarus, Armenia, Kazakhstan where the project has national partners and it was necessary to detect the stakeholders and promote the project among them
- **in Central Asia** - **Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan** where there are no partners but there is the necessity to promote FP7 ICT programme, in spite of relatively weak ICT R&D competences compared to other EECA countries

RTTN as a leader of this activity delivered to the project partners the methodology and coordinated Deliverable development . The countries parts of the report (Ukraine, Belarus, Armenia, Kazakhstan) have been prepared by the project partners in relevant country and the content of these parts of the report are in full their responsibility.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

## TABLE OF CONTENT

<b>1. INTRODUCTION .....</b>	<b>4</b>
<b>2. NETWORKING WITH STAKEHOLDERS: GENERAL OVERVIEW .....</b>	<b>6</b>
2.1. WHO ARE THE PROJECT STAKEHOLDERS? .....	6
2.2. STAKEHOLDERS IDENTIFICATION IN TARGETED COUNTRIES .....	7
2.3. NETWORKING AND LIAISON ACTIVITIES WITH STAKEHOLDERS – THE LEVEL OF THEIR ENGAGEMENT IN THE PROJECT .....	10
<b>3. NETWORKING AND LIAISON ACTIVITIES OF ISTOK-SOYUZ TEAM, JANUARY 2009 – JUNE 2011 .....</b>	<b>11</b>
3.1. RUSSIA .....	11
3.2. UKRAINE .....	23
3.3. BELARUS .....	30
3.4. ARMENIA .....	47
3.5. KAZAKHSTAN .....	57
3.6. CENTRAL ASIA COUNTRIES: UZBEKISTAN, KYRGYZSTAN, TAJIKISTAN, TURKMENISTAN .....	67
<b>4. CONCLUSION .....</b>	<b>72</b>
<b>5. ANNEXES .....</b>	<b>76</b>
5.1. ANNEX 1 - REPORT/PRESS-RELEASE ON STAKEHOLDERS MEETING IN RUSSIA .....	76
5.2. ANNEX 2 - MEMORANDUM ON INTENTIONS BETWEEN ISTOK-SOYUZ AND RUSSIAN FOUNDATION FOR BASIC RESEARCH .....	80
5.3. ANNEX 3 – EXAMPLE OF LETTER ON COOPERATION .....	82

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

## 1. Introduction

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The ISTOK-SOYUZ project, based on the sound outcomes and lessons learnt of ISTOK.Ru project [www.istok-ru.eu](http://www.istok-ru.eu) implemented in Russia in 2006-2008, is one of the supported by the EC actions and its main ambition is to bridge the ICT researchers from Europe and Eastern Europe and Central Asia (EECA) and to foster joint collaboration opportunities.

The project objectives are to:

- (1) **promote the EU ICT programme**, raise awareness about benefits of mutual collaboration and identify ICT landscape and potential for R&D ICT collaboration between European Union and all 12 addressed countries of Eastern Europe and Central Asia;
- (2) **expand EU-Russian ICT research community to 4 other targeted countries** (Ukraine, Belarus, Armenia, Kazakhstan) through opening of ISTOK competence platform to these countries and implementing pilot actions as well as networking & brokerage events aiming to increase visibility of cooperation opportunities;
- (3) **provide support to the teams from targeted countries** in order to increase number of ICT FP7 partnerships between researchers from Europe and targeted countries.

The networking and liaison activities with relevant national stakeholders support the achievement of the project objectives and outcomes and federate initiatives at local, national and European levels.

A preliminary list of stakeholders has been drawn during the kick-off meeting – indeed, all project partners are perfectly aware of these actors. The list is updated on a regular basis.

The present paper describes the project approach (chapter 2) and concrete networking and liaison activities with relevant national stakeholders implemented by the project in all addressed countries (chapter 3). It also includes description of activities planned by partners behind of the project end. These activities reflect sustainability of the achieved results came from networking and liaison activities realized by ISTOK-SOYUS project.

The main part of the report – Chapter 3 – is organized in 3 blocks according to the 3 levels of networking/liaison activities in different targeted regions,

- **in Russia** where ISTOK-SOYUZ is in fact the follow up of ISTOK.RU the project continued the collaboration with Russian relevant stakeholders and potential partners, such as the Russian Academy of Science, closely associated to the ISTOK project., RFBR , relevant Ministries, etc;
- **in 4 countries** - Ukraine, Belarus, Armenia, Kazakhstan where the project has national partners, transferring ISTOK.Ru' type activities to these Russian-speaking countries within a framework of new, extended initiatives;
- **in Central Asia - Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan** (with relatively weak ICT R&D competences compared to other EECA countries and unclear collaboration opportunities in R&D ICT with Europe) - where there are no partners but there is the necessity to promote FP7 ICT programme, identify their potential for the collaboration. So the project needs to network with national stakeholders in some formats.

RTTN as a leader of this activity delivered to the project partners the methodology and coordinated Deliverable development . The countries parts of the report (Ukraine, Belarus, Armenia, and Kazakhstan) have been prepared by the project partners in relevant country

<b>231665</b>	<b>ISTOK-SOYUZ</b>	D2.3b. Final report about networking and liaison activities with stakeholders
---------------	--------------------	---

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

## 2. Networking with stakeholders: general overview

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### 2.1. Who are the project stakeholders?

There are many definitions, and they vary from source to source. Usually stakeholders are treated as any individual, group, or organization that influences the project or is affected by it. They can be **internal** to the project management, project team members, staff of project partners' organisations. They can be also **external** to the project, e.g., partners, boards, grant-making organizations, consultants, target audiences, professional associations, and the media.

Networking with stakeholders is usually referred to as **stakeholder management**.

The importance of **stakeholder management** is to support the project in achieving its goals by creating positive relationships with stakeholders through the appropriate management of their expectations and agreed objectives. Stakeholder Management is a process and control that must be planned and guided by underlying Principles.

Stakeholder Management is a process which includes the following stages:

- Stakeholder Identification – to consider interested parties either internal or external to the project.
- Stakeholder Analysis – to recognise stakeholder's needs, concerns, wants, authority in relation with the project.
- Stakeholder Engagement - different types of stakeholders are engaged in different ways at various stages of the project, from gathering and giving information, to consultation, dialogue, working together, and partnership.

Contemporary project practice favours transparent, honest and open stakeholder management processes.

In the context of ISTOK-SOYUZ we define **national stakeholders** as **external organisations** (usually represented by individuals from those organizations) who:

- **provide support** to the project (involved in the project) because they are interested in project activities and results;
- **provide feedback** and opinion on the project activities and questions;
- and those who are **future beneficiary** of the project results (eg. on whom the project can have influence).

A preliminary list of **national stakeholders** was drawn during the kick-off meeting. It varies from region to region (and will be described for each region in details below) but in general includes the following types of the national bodies

- **Public authorities:** bodies and structures of State power that make strategic decisions, form priorities, implement the State policy and regulation in the ICT area, have impact on EU-national collaboration priorities...)
- **Public R&D institutions:** Academies of Science, universities, research institutions implementing ICT R&D,

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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- **Foundations:** foundations (mainly public) providing support to R&D projects (including international ones) and further commercialization of ICT developments,
- **Business sector:** the most successful national companies engaged in ICT, and interested in internationalisation of their business
- **Associations:** the most powerful non-governmental self-regulated associations uniting organizations engaged in ICT
- **FP7 National contacts points**
- **Mass-media** specialised in R&D issues

It is important to note that activities with the stakeholders in all countries started during the kick-off meetings. They played a “complicity effect” that facilitated the involvement of the national ICT stakeholders in ISTOK-SOYUZ from the beginning of the project (see Deliverable 2.1)

<http://www.istok-soyuz.eu/images/deliverables/d2.1%20kick%20off%20meetings%20reports%20may%202009.pdf>

## 2.2. Stakeholders identification in targeted countries

### Russia

Although the key target group of the project includes companies, universities and research institutions implementing ICT R&D we do not consider the networking activities with them in this report because we split the whole list on 2 parts:

- **project beneficiaries (mainly ICT R&D organizations and companies)** and
- **stakeholders.**

Activities with project beneficiaries are described (or will be described) in details in other deliverables:

- **delegation tour**

Deliverable 4.2 “Report on four ISTOK-SOYUZ networking and brokerage events and two training events”

<http://www.istok-soyuz.eu/d4%202%20first%20istok-soyuz%20networking%20brokerage%20and%20training%20event.pdf> )

- **internal call**

Deliverable 4.4 “Report on the ISTOK-SOYUZ internal call for proposals”

<http://www.istok-soyuz.eu/d4.4%20report%20on%20the%20istok-soyuz%20internal%20call%20for%20proposals.pdf>,

The same reason regards to the communication with **mass media** – important channel to disseminate project results and thus influence to the stakeholders; the relevant strategy and communication is described in **Awareness raising and dissemination plan** (D3.1 - Report on Awareness raising and dissemination campaign)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

So, taking this approach into account the following most important stakeholders in Russia have been selected to engage them in project activities:

1.	RF Ministry of Education and Science
2.	RF Ministry of Communications
3.	RF Ministry for Economic Development (RF MED) <sup>1</sup>
4.	Federal Agency for Science and Innovations
5.	Russian Academy of Sciences
6.	“Informika”, State institute
7.	National Contact point on ICT
8.	The International Union of Instrument and ITT Engineers (IUIITTE)
9.	Russian Foundation for Basic Research (RBRF)
10.	Foundation to Assistance for Small Innovative Enterprises (FASIE)
11.	High Economic School (HSE) <sup>2</sup>
12.	Moscow Institute of Physics and Technology (MIPT) <sup>3</sup>
13.	Public corporation “Sirius” <sup>4</sup>
14.	“Innovations” (magazine)
15.	Duma Committee for Science and Research-Intensive Technologies and the Federation Council Committee for Education and Science

## Ukraine

1.	Ministry of Education, Science, Youth and Sports of Ukraine <sup>5</sup>
2.	National Academy of Science of Ukraine
3.	Oblast State Administration, Industry and Communication Department; European Integration Department
4.	National Agency of Ukraine on Investment and Development <sup>6</sup>
5.	National Information Center on S&T cooperation with EC
6.	Kharkov City Executive Council, Humanitarian issues Department (science, education, culture)
7.	State Center for Scientific, Technical and Economic Information
8.	Kharkov Karazin National University, Department of Computer Sciences
9.	NCP FP7 Ukraine

<sup>1</sup> This Ministry is dedicated for Russian Technological Platforms (including platforms in ICT sphere) development from beginning of 2010

<sup>2</sup> HSE is responsible for methodological support for RF MED and RF MES in the process of Technological Platforms development in Russia.

<sup>3</sup> MIPT plays role of a Coordinator in TP “Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics” (“Технологии мехатроники, встраиваемых систем управления, радиочастотной идентификации и роботостроение”)

<sup>4</sup> “Sirius” is a Coordinator of TP “National Software Platform” - NPP

<sup>5</sup> Ministry of Education and Science of Ukraine was renamed in 2010

<sup>6</sup> National Agency of Ukraine on Innovations and Investment was renamed in 2010



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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10.	National Agency of Ukraine on Science, Innovation and Information
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### Belarus

1.	State Committee on Science and Technology of the Republic of Belarus
2.	The National Academy of Sciences of Belarus
3.	Ministry of Education of Belarus
4.	Ministry of Information of Belarus
5.	The National Center of Intellectual Property
6.	State Institution «Belarus Institute of Systems Analysis and Information Support of Scientific and Technical Sphere» State Committee of Science and Technology
7.	National Contact point on ICT
8.	Belarus Hi-Tech Park
9.	Belarus Foundation for Basic Research (BFBR)
10.	Scientific and technological association «Infopark»

### Kazakhstan

1.	Ministry of Education and Science
2.	Ministry of Communication and Information <sup>7</sup>
3.	Kazakhstan British Technical University
4.	Centre of Engineering and Technology Transfer
5.	NCP FP7
6.	Ebusiness
7.	JSC Zerde

### Armenia

Among numerous R&D organizations, public and private ICT-companies in Armenia which are interested in the achievements of the project we have identified the following most influential stakeholders in Armenia.

1.	RA Ministry of Economy, <a href="http://www.mineconomy.am">www.mineconomy.am</a>
2.	RA Ministry of Education and Science, <a href="http://www.edu.am">www.edu.am</a>
3.	The National Academy of Sciences of Armenia, <a href="http://www.sci.am">www.sci.am</a>
4.	The Information Technologies Development Support Council (ITDSC), <a href="http://www.itdsc.am">www.itdsc.am</a>
5.	Institute for Informatics and Automation Problems, <a href="http://www.ipia.sci.am">www.ipia.sci.am</a>
6.	Yerevan State University, <a href="http://www.yu.am">www.yu.am</a>
7.	Enterprise Incubator Foundation (EIF), <a href="http://www.eif-it.com">www.eif-it.com</a>

<sup>7</sup> Organized on 12.03.2010 on the basis of the Agency for Informatization and Communication

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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8.	The Union of Information Technology Enterprises (UITE), <a href="http://www.uite.org">www.uite.org</a>
9.	Competitive Armenian Private Sector (CAPS), <a href="http://www.caps.am">www.caps.am</a>
10.	National Contact Points on ICT

It is extremely important to involve stakeholders in all phases of the project for two reasons:

- Firstly, experience shows that their involvement in the project significantly increases the chances of success by building in a self-correcting feedback loop;
- Secondly, involving them in the project builds confidence in project results and will greatly ease its acceptance by project' target audience.

Direct contacts with identified stakeholders also help significantly for

- **creation of synergy** between the project and national initiatives undertaken by these countries
- **undertaking of joint pilot project actions** (planned under the project, such as networking and brokerage events...) that will help to achieve project objectives.

### 2.3. Networking and liaison activities with stakeholders – the level of their engagement in the project

Different stakeholders are engaged in different ways in the various stages of the project, from “giving them information” to “working together” and partnership.

We defined **3 degrees of networking and liaison activities with stakeholders** – from reactive to the most proactive one :

- Dissemination of the project' information among stakeholders (through newsletters, project presentation during the events, etc);
- Consultation and dialogue on important project' issues;
- Participation in ISTOK-SOYUZ events and Joint actions organization.

To map the level of stakeholders engagement in the project **in each country** we use the **matrix “stakeholders/degree of engagement”** where the matrix' element represents short description of individual stakeholder networking main activities in the framework of the project.

N	Stakeholders	The level of activities		
		Information Dissemination	Consultation and dialogue	Events' participation and Joint actions
1.				
2.				
3.				

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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## 3. Networking and liaison activities of ISTOK-SOYUZ team, January 2009 – June 2011

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### 3.1. Russia

#### 3.1.1. Methodology of work

The main feature of the networking and liaison activities with stakeholders in Russia is that ISTOK-SOYUZ in fact is the continuation of ISTOK.Ru project implemented in Russia in 2006-2008.

ISTOK.Ru team screened and analysed common needs and opportunities by rank mapping and cross-mapping of all Russian ICT technologies relevant to co-operation with Europe, developed harmonized EU-RU ICT collaboration taxonomy (“common language”), and established the ISTOK competence platform – the network opened to scientists, researchers, experts, academics, industrials, and policy makers. Concrete dialogue with ICT actors both in Russia and in the European Union was launched generating “insights” for new ideas, concepts and technologies. The key project outcome was the contribution to the partnership’s establishment and assistance to the submission of EU-RU common proposals under the calls of FP7. This therefore has an important impact for knowledge access and for global EU international collaboration strategy formulation.

Russian partners of the ISTOK.Ru consortium – ISPRAS and RTTN, being the partners in ISTOK-SOYUZ in fact continued and deepened their previous and long-term networking and liaison activities with Russian stakeholders.

***ISTOK-SOYUZ will continue and extend the collaboration activities started under ISTOK.Ru with the Russian Academy of Science, IDEAL-IST, RFBR and other national stakeholders.***

*Extract from DoW*

Networking relations with stakeholders in Russia are based on both ISTOK.Ru outcomes (identified **international cooperation needs**, recommendations on EU-RU ICT priorities etc) and new ISTOK-SOYUZ activities:

- **support the EU-RU ICT policy dialogue** and creation of new mechanisms for cooperation (EU-Russian ICT working group, coordinated ICT calls, etc)
- **increase interaction between European and national ICT initiatives** - support cooperation with the European initiatives ETP and NoE, covering topics relevant to recommended EU-RU ICT priorities
- **support the establishment of new partnerships** in the framework of FP7 with broad range of different tools, including information and awareness raising campaign, brokerage events (direct contact) between European and Russian ICT specialists, new pilot action - internal call for proposal.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

**In Russia**, the main focus of the networking will correspond with the main activities of the project in Russia: integration of the Russian R&D organizations into ETPs/NoEs and on promotion of visibility and establishment of direct contacts between Russian and European teams with the goal of developing joint projects. **The necessity to promote Russian ICT competences within ETP and NoEs has been highlighted by the presidents of a number of ETPs interviewed by the ISTOK.Ru project in 2007 and also has been widely required by the Russian organisations.** Consequently, **networking focus in Russia will, at a national level, be put on those stakeholders who have similar objectives to intensify EU-Russian ICT R&D collaboration.** ISTOK-SOYUZ will continue the collaboration with Russian relevant stakeholders and potential partners, such as the Russian Academy of Science, closely associated to the ISTOK project, and with the Russian ICT NCP (information exchange, mutual participation in the ICT events) and governmental structures.

*Extract from DoW*

Regular meetings and updates with national stakeholders in addition to passing them relevant information on project' activities took place during the whole project period. The joint meetings bringing together national stakeholders and providing the possibility to discuss the main project and related national issues have been organized

at the beginning of the project - Russian kick-off (see D2.1 report),

at the middle of the project - Workshop "Projects and Infrastructure for EU-Russia ICT cooperation: achievements-2009 and perspectives for 2010" on January 28, 2010. The press-release on stakeholders meeting has been published on RTTN website (with downloadable presentations – in Russian) – see [http://www.rtt.ru/newsrttn/id\\_816](http://www.rtt.ru/newsrttn/id_816)

at the final ISTOK-SOYUZ conference in Moscow on 7 June, 2011.

### *3.1.2. Stakeholders with whom the networking and liaison activities were organized*

1.	RF Ministry of Education and Science
2.	RF Ministry of Communications
3.	RF Ministry for Economic Development (RF MED) <sup>8</sup>
4.	Federal Agency for Science and Innovations <sup>9</sup>
5.	Russian Academy of Sciences
6.	"Informika", State institute
7.	National Contact point on ICT
8	The International Union of Instrument and ITT Engineers (IUIITTE)
9	Russian Foundation for Basic Research (RBRF)
10	Foundation to Assistance for Small Innovative Enterprises (FASIE)
11	High Economic School (HSE) <sup>10</sup>

<sup>8</sup> This Ministry is dedicated for Russian Technological Platforms (including platforms in ICT sphere) development from beginning of 2010

<sup>9</sup> On March 10 2010 the Federal Agency for Science and Innovations was incorporated into the RF Ministry of Education and Science

<sup>10</sup> HSE is responsible for methodological support for RF MED and RF MES in the process of Technological Platforms development in Russia.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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12	Moscow Institute of Physics and Technology (MIPT) <sup>11</sup>
13	Public corporation "Sirius" <sup>12</sup>
14	"Innovations" (magazine)
15	Duma Committee for Science and Research-Intensive Technologies and the Federation Council Committee for Education and Science

### **RF Ministry of Education and Science**

**RF Ministry of Education and Science** is the State Contractor and Coordinator of the FTP "Research and development in the priority areas of the Russian S&T development for 2007 – 2012". RF Ministry of Education and Science developed the «Strategy for science and innovation development in the Russian Federation for the period till 2015» (2006). In 2007, RF Ministry of Education and Science headed the study focused at the long-range forecast of Russia's scientific and technological development till 2025 (S&T Foresight).

### **RF Ministry of Communications**

**RF Ministry of Communication** is the State Coordinator of the FTP "Electronic Russia (2002 – 2010)" and the programme for establishing IT-technoparks (the work was started in 2006). RF Ministry of Communication developed the Concept for developing information technologies market in the Russian Federation (2004), Strategy for developing information society in Russia (2007). In 2006-2007, it also conducted, for the first time in Russia, the study «Long-range technological forecast: Russian IT Foresight» (time horizon – till 2020). RF Ministry of Communication coordinates development of EU-RF cooperation in ICT area.

**RF Ministry for Economic Development** is State Coordinator of Russian Technological Platforms (RTP) creation. The RTP's development was started in beginning of 2010 (<http://www.economy.gov.ru/minec/activity/sections/innovations/formation/index>). The Ministry was dedicated for coordination of RTP proposal preparation in ICT sphere. There are 4 RTP addressed for ICT were created (see below for details).

### **Federal Agency for Science and Innovations<sup>13</sup>**

**Federal Agency for Science and Innovation** is one of State contractors and developers of the FTP "Research and development in the priority areas of the Russian S&T development for 2007–2012", it also implements this programme, in particular – defines call for proposals, organizes expert evaluation of proposals and selects winners. It is one of State contractors of the FTP "Electronic Russia (2002 – 2010)".

<sup>11</sup> MIPT plays role of a Coordinator in TP "Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics" ("Технологии мехатроники, встраиваемых систем управления, радиочастотной идентификации и роботостроение")

<sup>12</sup> "Sirius" is a Coordinator of TP "National Software Platform" - NPP

<sup>13</sup> IMPORTANT: According to the President of Russia' decree (6 March, 2010) Federal Agency for Science and Innovations and Federal Agency for Education have been liquidated and their functions delivered to the Ministry of Education and Science

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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On March 10 2010 the Federal Agency for Science and Innovations was incorporated into the RF Ministry of Education and Science.

### **Russian Academy of Sciences**

In Russia, R&D in ICT is implemented by predominantly public organisations, among them the main player is the Russian Academy of Sciences (RAS). 72 R&D institutes (including 30 institutions of the Department of IT and Computing, 10 institutions of the Department of Mathematical Sciences, 27 institutions of the Department of Physical Sciences, 5 Institutes of the Department of Energy, Engineering, Mechanics and Control Processes) from the total number of about 450 of the RAS perform R&D in ICT.

RAS Institutes carry out R&D in virtually all spectre of ICT areas (according to «The plan of the basic research of the Russian Academy of Science for the period till 2025»).

This Plan is a part of a general long-term plan of basic research in priority directions for development of science, technologies and engineering for the period till 2025, being developed by the RF Ministry of Education and Science, RAS and other stakeholders from public authorities and State Academies of Sciences.

### **“Informika”, State institute**

State Institute of Information Technologies and Telecommunications (Institute «Informika») is an ICT “arm” of the Russian Ministry of Education and Science established with the mission to provide a comprehensive development and uptake of ICT in education and science. Informika is in charge of carrying out the following activities:

- development and maintenance of ICT infrastructure of education and science (for instance, Informika manages the all-Russian public network RUNNET connecting all research centres of the country, responsible for the Internet domain “edu.ru”)
- development of centralized information resources (databases, portals, etc.). Informika maintains all web servers of the Ministry.
- integration of Russian education and research infrastructure into the international information networks

Being an expert organization for the Ministry, Informika represents it in various national projects and programmes, including Priority Project “Education”, Federal Targeted RTD Programmes.

### **National Contact point on ICT**

Russian National Contact Point "Information and Communication Technologies" of the 7th Framework Programme (FP7-ICT NCP) is hosted by Institute of Operating Systems on behalf of the Ministry of Education and Science of Russian Federation.

*The main mission of the Russian FP7-ICT NCP is:*

- To improve Russia-EU co-operation in the area of information and communication technologies;
- To promote involvement of Russian research organizations, universities, small and middle enterprises, IT-companies into the European Research Area (ERA) and FP7-ICT activities.

In the end of 2010 the host organization for NCP was changed. New host NCP organization is National Association of research and educational e-Infrastructures “e-Arena” (<http://en.e-arena.ru/en/>)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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### **International Union of Instrument and Information Technology and Telecommunications Engineers**

**The International Union of Instrument and ITT Engineers (IUIITTE)** is a professional non-profit scientific-technical organization. The main scientific and technical goals and objectives of the Union include promotion of the development of science and industry in the field of Instrument Engineering, Information and Telecommunication Technologies, Computer Technique, Management Systems and Automation Equipment, as well as active support of international scientific and technical and economic cooperation in these fields. One of the main directions of the Unions international activity is the promotion of domestic developments at international high technology markets, including participation in the most important exhibitions and fairs.

### **Russian Foundation for Basic Research (RBRF)**

**The Russian Foundation for Basic Research (RFBR)** issues grants for research projects, events, dissemination of scientific information, etc. Its budget (in 2007 – 5340 million Russian Roubles or about 150 million Euro) is formed mainly out of the State funds in the amount of up to 6% of the total amount of national expenditures on science. According to statistics, RFBR spends about 10% of funds for supporting ICT projects. The mechanism of expert examination of submitted proposals is transparent and independent. RFBR organizes regular calls for joint research projects with some countries, including Germany, France, Italy and others.

### **Foundation to Assistance for Small Innovative Enterprises (FASIE)**

**The Foundation for Assistance to Small Innovative Enterprises (FASIE)** offers direct financial aid to small innovative enterprises carrying out projects to develop and produce new high-tech products (covering also necessary R&D costs). The contribution from the Government makes 1.5% of the total federal expenditures on civil science. The financial share of the Fund in the winning projects cannot exceed 50 percent, and the companies have rights to the intellectual property created in the projects. According to statistics, about 6-7% of supported projects lay in ICT area. Also, FASIE supports development of innovation infrastructure.

**High Economic School (HSE)**<sup>14</sup> is a one of leading Russian Universities provided education in Economics and social sphere. The HSE faculty includes 1400 professors and researchers, among them almost 700 specialists invited as part-timers from the areas of business, research institutes, and state bodies. Experts from HSE were invited by RF Ministry of Economic Development to provide methodological support of Russian Technological Platforms development process. HSE elaborated a “Methodological recommendations for proposal preparation on Technological Platforms creation”.

**Moscow Institute of Physics and Technology (MIPT)**<sup>15</sup> was created in 1946 by Leading Soviet scientists and Government as an advanced educational and research Institution with primary concentration in Physics. MIPT quickly assumed a leading position in this field and became known

<sup>14</sup> HSE is responsible for methodological support for RF MED and RF MES in the process of Technological Platforms development in Russia.

<sup>15</sup> MIPT plays role of a Coordinator in TP “Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics” (“Технологии мехатроники, встраиваемых систем управления, радиочастотной идентификации и роботостроение”)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

internationally. MIPT provides education and R&D in nuclear research and rocket science, new materials, oceanology, biophysics, radiophysics and other numerous branches of Science. MIPT plays a role of Coordinator in Technological Platform “Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics”.

**Public corporation “Sirius”**(<http://con-sirius.ru/>). Public corporation “Sirius” is a subsidiary of the State corporation “Rostechologies” and embraces 25 enterprises in the field of computer-aided and informational systems, including:

- [OJSC Internavigation RTC](#)
- [OAO “Research Institute for Industrial Television “Raster”](#)
- [Television Research Institute](#)
- [Software Research Institute](#)
- [Hardware Research Institute](#)
- [Specialized Design Office for System Software](#)
- Nizny Novgorod Software Research and Development Center .

The members of “Sirius” Corporation listed above perform intensive research and development of software and ICT complexes.

Development of computer-aided and informational systems for enterprise management and manufacturing control is comprised of the following major activities:

1. Development of system and applied software, including open-source products, for automation of enterprise-level management automation, monitoring, analysis and processing data, positioning of objects and vehicles;
2. Design, integration and development of computer-aided information systems and components such as telecommunication hardware, sensors, actuators, positioning modules;
3. Design and production of TV components for extreme usage conditions.

« Sirius» is a Coordinator of TP “National Software Platform”.

**“Innovations” (magazine)** is leading Russian magazine on science and innovations. (<http://www.mag.innov.ru/>)

**Duma Committee for Science and Research-Intensive Technologies and the Federation Council Committee for Education and Science** issued the special yearbook *New Economy: Innovation Insight into Russia* ([http://www.naukakom.ru/comit\\_papers/newecon\\_info/](http://www.naukakom.ru/comit_papers/newecon_info/)). It serves as an important tool for information exchange and as a discussion forum for leading Russian experts in the field of innovation.



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

### 3.1.3. What was concretely done

N	Stakeholders	The level of activities		
		Passing information	Consultation and dialogue	Events' participation and Joint actions
1.	RF Ministry of Education and Science	Delivering materials on FP7 ICT cooperation to the Ministry: "Recommendations on ICT EU-RF cooperation priorities" (prepared by ISTOK-RU project), ICT Taxonomy etc. Project newsletters	Consultations on ISTOK-SOYUZ "Internal call" criteria and procedure. Using ministry channel to promote the call. Consultancy support in preparation to EU-RF FP7 working group on ICT (1-2 October, 2009)	Participation of Deputy Minister (Mr. Mikhail Miklushevsky) in Russian kick-off meeting on 18 March 2009
2.	RF Ministry of Communications	Delivering materials on FP7 ICT cooperation to the ministry: "Recommendations on ICT EU-RF cooperation priorities" (prepared by ISTOK-RU project) Project newsletters	Consultations and discussions in preparation of the first meeting of EU-RF ICT working group (Russian participants, topics for discussions)	Participation of Head of department (Mr. Chutov) in Russian kick-off meeting on 18 March 2009
3.	Federal Agency for Science and Innovations	"Recommendations on ICT EU-RF cooperation priorities" (prepared by ISTOK-RU project) Project newsletters	Consultations on ISTOK-SOYUZ "Internal call" criteria and procedure. Dissemination info on internal ISTOK-SOYUZ "supporting" call by Rosnauka' list of ICT organisation Representative of the Agency was invited to Evaluation committee of internal call. Consultancy support in preparation to EU-RF working on FP7 ICT (1-2, October, 2009)	Participation of Deputy Head of Innovation policy department (Mr. Andrey Oleynik) in Russian kick-off meeting on 18 March 2009
4.	Russian Academy of Sciences	Project newsletters	Update of the Report on ICT priorities and trends in Russia (Country report)	Joint organisation of Coordination workshop "Support Russian participation in FP7 on ICT"

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

			Seeking participants for ICT-2010.	(28 January 2010). Jointly Organizing of Russian Conference on FLOS SPO—2010 (Saint-Petersburg, October, 2010) Participation in ISTOK-SOYUZ final conference (7 June 2011)
5.	“Informika”, State institute	Project newsletters	Update of the Report on ICT priorities and trends in Russia (Country report) Consultations on FP7 participation issues.	Participation of Deputy director (Mr. Vladimir Starykh) in Russian kick-off meeting on 18 March 2009 Participation in Coordination workshop “Support Russian participation in FP7 on ICT” (28 January 2010) Participation in ISTOK-SOYUZ final conference (7 June 2011)
6.	National Contact Point on ICT	Dissemination of the project newsletters and other info-materials via NCP’ channels	Participation of NCP deputy head in the Evaluation committee of Internal ISTOK-SOYUZ call. Consultations with new host organisation for ICT NCP.	Participation of Mrs. Melkonyan, the Deputy Head of ICT NCP, in the Russian kick-off meeting on 18 March 2009 Participation in two Info-Days organized by NCP (19 June 2009, 02 October 2009) with presentations on ICT RF-EU cooperation Joint organisation of Coordination workshop “Support Russian participation in FP7 on ICT” (28 January 2010) Participation in ISTOK-SOYUZ final conference (7 June 2011)
7.	International Union of ICT Engineers and Designers	Dissemination of the project newsletters and other info-materials via Union’s channels	Joint partners search for ERA.NET call for proposals	Joint organization of 2 brokerage events on ICT: 1. Russian-Spain ICT forum (September, 2009) 2. ICT section under EEN-Russia brokerage event on 29 October, 2009 Selection of teams and follow-up contacts etc. Participation in the Workshop on Germany-Russia cooperation, 12 December 2010 Joint organisation of Coordination workshop “Support Russian

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

				participation in FP7 on ICT” (28 January 2010)
8.	Russian Foundation for Basic Research (RBRF)	Project newsletters	Discussion of the potential mechanisms for RFBR support of the Russian teams participation in FP7 projects Update of the Report on ICT priorities and trends in Russia (Country report)	Preparing the memorandum and action plan for cooperation between RFBR and ISTOK-SOYUZ (expertise/selection of the RF teams, hands-on-support etc.). The action plan was not realized but this preliminary work was used in organisation of ERA.NET call for proposals. Participation in Coordination workshop “Support Russian participation in FP7 on ICT” (28 January 2010) Participation in ISTOK-SOYUZ final conference (7 June 2011)
9.	Foundation to Assistance for Small Innovative Enterprises (FASIE)	Project newsletters	Discussion (with Head of International Department Mrs. Olga Levchenko) of the potential mechanisms for FASIE support of the Russian ICT teams (SMEs) participation in FP7 projects.	Participation in Coordination workshop “Support Russian participation in FP7 on ICT” (28 January 2010) Joint hands-on supports of SME’s supported by FASIE in partner search for FP7 and ERA.NET call.
10.	Ministry of Economic Development	Dissemination of ICT ETP review prepared by ISTOK-SOYUZ, article on ETP in “Innovations” magazine	Consultations on ETP in ICT sphere (methodology, practice, integration of Russian teams into ETP etc.). Meeting with Andrey Shadrin (director of department, MED)	
11.	High School of Economics	Dissemination of ICT ETP review prepared by ISTOK-SOYUZ, article on ETP in “Innovations” magazine	Consultations on ETP in ICT sphere (methodology, practice, integration of Russian teams into ETP etc.)	
12.	Moscow Institute of Physics and Technology		Consultations on ETP methodology and practice during development of model for RTP “Technologies of mechatronics,	Joint work on design of RTP “Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics” (meetings, workshops,

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

			embedded systems, radiofrequency identification, and robotics”	concept preparation etc.). Participation in action plan for 2011-2013 development.
13.	“Sirius” Concern		Consultations on ETP methodology and practice during development of model for RTP “National Software Platform”	Joint work on design of RTP “National Software Platform” (meetings, workshops, concept preparation etc.). Development of “National Software Platform” action plan for 2011-2013.
14.	“Innovations” (magazine)			Preparation article on ETPs ()
15.	Duma Committee for Science and Research-Intensive Technologies and the Federation Council Committee for Education and Science			Preparation article “Prospects for the Development of EU-Russia Cooperation in the Field of Science and Technology as Exemplified in the Seventh Framework Programme of the European Union”

**The networking and liaison activities with Russian stakeholders were launched during ISTOK-SOYUZ kick-off meeting in Moscow (18.03.2009).** This kick-off meeting aimed to bring together the primary ICT stakeholders and inform them about the beginning of the ISTOK SOYUZ project and the opportunities it provides to the national ICT domain. The focus was put on the extensive presentation of the results and lessons learnt from the preceding ISTOK.Ru project and the activities, tools, objectives and methodology of ISTOK-SOYUZ. Participants of the meeting stressed the importance of international cooperation in ICT, especially with the European Union and agreed to support relevant activities of each other. The kick-off enabled exchanging of views and discussion of top-priority issues such as national ICT coordination and intensification of the Russian participation in FP7 ICT calls.

Representatives of the RF Ministry of Education and Science, RF Ministry of Communications, Federal Agency for Science and Innovations, State Institute “Informika”, FASIE, FP7 NCP on ICT and some R&D institutes took part in this meeting (see D.2.1 for more details on this event). It is interesting to note that the web-site of the Ministry of Communications published a report on the kick-off meeting: <http://minkomsvjaz.ru/news/xPages/entry.8115.html>

**Consultations with representatives of the RF Ministry of Education and Science, RF Ministry of Communications, Federal Agency for Science and Innovations concerning membership of ISTOK-SOYUZ in the Russian part of the working group on the EU-RF ICT cooperation and identification of thematic areas for cooperation** were continued during May-June 2009. As part of this activity, ISTOK-SOYUZ team provided the stakeholders with a report on ICT collaboration priorities (ISTOK-RU) and an updated ICT taxonomy.

An important element of the networking and liaison activities was involvement of **representatives of the RF Ministry of Education and Science, RF Ministry of Communications, Federal Agency for Science and Innovations and NCP on ICT into development of the terms of ISTOK-SOYUZ internal call for proposals** in order to select ICT teams to be provided with individual support in their integration into FP7 consortia (see D.4.4 for more details on this call for proposal). This activity facilitated a wider

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

dissemination of information about the call (using stakeholders' networks/information channels). Representatives of FASI and NCP on ICT were invited for participation in the Evaluation Committee of this call.

To raise awareness of Russian ICT teams on FP7 and to support them in their partnerships, ISTOK-SOYUZ team has cooperated with NCP on ICT, International Union of ICT Engineers and Designers and other partners **in joint organisation of information and brokerage events**. During the reporting period 7 events were organized (see D3.1 V2). They gathered about 200 persons, including representatives of 37 R&D/SME, which took part in the sessions.

In the middle of the ISTOK-SOYUZ project (on January, 2010) a special meeting with the Russian stakeholders was organised. It summarized the networking and liaison activities with stakeholders in the framework of project implementation in Russia during the first 14 months and defined the future cooperation possibilities with them on the second period.

An example of a most close cooperation is the joint work with the Russian Foundation for Basic Research (RFBR). As it has been agreed during the stakeholders meeting on 28 January 2010 RFBR intends to launch a special call for proposal aimed to support R&D teams having a potential (R&D competences) for participation in FP7 consortia. The teams selected via this call should carry out R&D and promote their results to find a relevant EU partners/consortium. RFBR is very interested in the methodology of ISTOK-SOYUZ internal call and hands-on-support to adapt it for their goals. ISTOK-SOYUZ team and RFBR signed a "Memorandum of intentions" aimed to realise a pilot cooperation in ICT sphere (see **Annex 2**). In parallel to this activity RBRF was involved in design of joint ERA.NET call to support international R&D projects ([http://www.rfbr.ru/rffi/getimage/Английская\\_версия.pdf?objectId=32987](http://www.rfbr.ru/rffi/getimage/Английская_версия.pdf?objectId=32987)). During consultations it was decided to transform agreed ISTOK-SOYUZ-RBRF action plan to support activities of this call.

Foundation to Assistance for Small Innovative Enterprises (FASIE) launch joint call with ERA.NET to support international innovation projects also ([http://fasie.ru/anonses/ERANET\\_2011\\_15022011.aspx](http://fasie.ru/anonses/ERANET_2011_15022011.aspx)). ISTOK-SOYUZ team supported Russian SME's in partners search for proposal preparation. As result 5 proposals were submitted by teams selected as ISTOK-SOYUZ internal call winners.

In 2010, ISTOK-SOYUZ team took into account new important trend in Russian R&D sphere: development of Russian Technology Platforms. This activity was very close to ISTOK-SOYUZ task 4.3 "Visibility increase and connection to European networks (ETP)". ISTOK-SOYUZ cooperated with RF Ministry of Economic Development, High School of Economics and some R&D organization providing consultations on ETP' methodology, cases etc.

It is important to note, that ISPRAS (ISTOK-SOYUZ partner) became a member of 2 Russian Technological Platforms:

- National Software Platform (in Russian "National Program Platform - NPP")
- "Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics"

ISPRAS played significant role in organization of NPP, including development of NPP concept and Schedule for 2011-2013. ISPRAS actually followed by ETP architecture and aligned Russian TP politics with experience of ETP. Because of the lack of knowledge about ETP in Russian ISPRAS's contribution was well recognized by members of NPP and TP "Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics".

In the 2010 RF Ministry of education and science nominated National Association of research and educational e-Infrastructures "e-Arena" (<http://en.e-arena.ru/en/>) as new host organization for ICT NCP. ISTOK-SOYUZ established partnership with new NCP' team and as a result this organization was involved in new FP7 project "Policy dialogue in ICT to an Upper level for Reinforced EU-EECA Cooperation" (PICTURE). The overall aim of PICTURE project is to engage the EU and EECA stakeholders from across

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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research, academia, industries, government and civil society to enrich and support the EU-EECA ICT Policy Dialogue, and to reinforce strategic partnerships between EU and EECA ICT organizations.

### 3.1.4. General results of networking and liaison activities

- Establishment of direct contacts with key Russian ICT stakeholders and raising their awareness on EU ICT cooperation possibilities (FP7), goals and tools of ISTOK-SOYUZ, etc.
- Providing consultancy support for set-up of the EU-RF ICT working group and materials on ICT cooperation priorities
- Organisation of the Russian kick-off meeting (18/03/2009)
- Organisation of 7 joint information and brokerage events
- Preparation of “Memorandum of intentions” with RFBR
- Organisation of a Working meeting with ISTOK-SOYUZ project stakeholders has taken place: «Projects and an infrastructure on support of the Russian-European cooperation in the ICT sphere: achievements of 2009 and cooperation prospect in 2010» (28/01/2010)
- Providing consultancy support on European Technology Platforms issues for key Russian stakeholders. Informing stakeholders about ETP and NoE activities with special focus on Strategic Research Agendas. Facilitation to creation of national ETPs and NoEs to integrate the EU experience in SRA development with the national stakeholders and experts.
- Support FASIE and RFBR in ERA-NET call (partner search and consortium building with ISTOK-SOYUZ internal call winners). As result – 5 submitted proposals
- Stakeholders involvement in preparation of ISTOK-SOYUZ final event. It is supposed to organize special stakeholders working meeting with the focus on results achieved and future EU-RU cooperation possibilities in ICT R&D sphere
- Consultations related to the thematic and objectives of joint EU-Russia ICT calls
- Organisation of ISTOK-SOYUZ Final conference (7/06/2011)

### 3.1.5. Key achievements of networking and liaison activities (2009-2011)

Stakeholder	Key result
1. RF Ministry of Education and Science, RF Ministry of Communications, RF Ministry for Economic Development	Joint organization of 3 project events: kick-off meeting in Moscow, Workshop with stakeholders in the middle of the project, and Final conference
2. FASIE, RFBR	Joint activity to support ERA.NET call for proposals. ISTOK-SOYUZ internal call winners prepared 5 applications for this call. RTTN will continue to support international calls of FASIE and RBRF in terms of partner search using RTTN’ participation in Enterprise Europe Network
3. Sirius, Moscow Institute of Physics and Technology	Cooperation in development of 2 Russian Technological platforms: “National Software Platform” and “Technologies of mechatronics, embedded systems, radiofrequency identification, and robotics” ISPRAN is a member of both RTP

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

### 3.1.6. Vision of Future cooperation and sustainability of networking and liaison activities

Type of future cooperation with Stakeholders	Stakeholders	Planned activities
Passing information	RF Ministry of Education and Science, Russian Academy of Sciences, "Informika", National Contact point on ICT, Russian Foundation for Basic Research, Foundation to Assistance for Small Innovative Enterprises, "Innovations" (magazine), Duma Committee for Science and Research-Intensive Technologies and the Federation Council Committee for Education and Science	<ul style="list-style-type: none"> <li>• Dissemination of relevant information on EU-RF cooperation (programs, partner search etc.) via existing tools like RTTN newsletter (official mass-media), partners' web-sites etc.</li> <li>• Preparation joint publications (e.g. with "Innovations")</li> <li>• Joint dissemination of Training Guide "How to Effectively Network/Communicate in International R&amp;D projects"</li> </ul>
Consultation and dialogue	High Economic School, FASIE, RBRF, Sirius, Moscow Institute of Physics and Technology, RF Ministry of Education and Science, RF Ministry for Economic Development, National Contact point on ICT	<ul style="list-style-type: none"> <li>• Joint workshops on EU-RF R&amp;D and innovation cooperation</li> <li>• Consultations in framework of FP7 PRACTICE project</li> </ul>
Events' participation and Joint actions	FASIE, RBRF, RF Ministry of Education and Science, National Contact point on ICT	<ul style="list-style-type: none"> <li>• Joint brokerage events organization,</li> <li>• Partner search via Enterprise Europe Network tools for joint calls and bilateral programs</li> <li>• FP7 PRACTICE project</li> </ul>

## 3.2. Ukraine

### 3.2.1. Methodology of work

Express diagnostics concerning ICT R&D in Ukraine was carried out in very early project stage. This analysis showed:

- Very low level of awareness of R&D organizations on FP7 ICT-related issues,

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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- Lack of information and experience in implementing collaboration EU-Ukraine ICT projects,
- There is no special body responsible for EU-Ukraine cooperation in ICT.

Based on this, special emphasis in Ukraine was done on carrying out informational campaign concerning opportunities of European collaboration projects in ICT R&D and, in particular, on EU-Ukraine FP7 ICT cooperation.

The main instrument of informational campaign was meetings, workshops, informational sessions for ICT stakeholders: R&D organizations, universities, innovative businesses, national and regional officials, intermediary organizations.

### *3.2.2. Stakeholders with whom the networking and liaison activities were organized*

1.	Ministry of Education, Science, Youth and Sports of Ukraine
2	National Academy of Science of Ukraine
3.	Oblast State Administration, Industry and Communication Department; European Integration Department
4.	National Agency of Ukraine on Investment and Development
5.	National Information Center on S&T cooperation with EC
6	Kharkov City Executive Council, Humanitarian issues Department (science, education, culture)
7	State Center for Scientific, Technical and Economic Information
8.	Kharkov Karazin National University, Department of Computer Sciences
9.	NCP FP7 Ukraine
10.	National Agency of Ukraine on Science, Innovation and Information

The choice of **National Academy of Sciences (NAS)** and the **Ministry of Education, Science, Youth and Sports of Ukraine** (Ministry of Education and Science before 2010) as main ICT stakeholders at national level in Ukraine is based on the fact that management of ICT R&D organizations in Ukraine falls under the governance of these two bodies. **The innovation and technology transfer department of MES** of Ukraine is responsible for innovative technologies and scientific issues including ICT R&D at national level

**National Agency of Ukraine on Investment and Development** (State Agency for Innovations and Investment – before 2010) including its regional branch - North-East Regional Center for Innovation Development is active in searching and introducing high innovative technologies, in particular information-communication technologies, into industries.

**Department of Eurointegration of the Kharkov Oblast State Administration** is responsible for cooperation with countries of European Union and for stimulating international cooperation projects development. It is also engaged into development of the Program “e-government” in Ukraine.

**Industry and Communication Department of the Kharkov Oblast State Administration** is responsible for development of the strategy of information society and for ICT-related business development at regional level



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

**Humanitarian Issues Department of Kharkov City Council** is responsible for scientific, educational and cultural issues and, in particular, for introduction of information-communication technologies into educational organizations (e-learning, e-libraries) at the city level.

**National Information Center on S&T cooperation with EU** and **Regional Contact Point EU** are responsible for information concerning cooperation programs of European Union with Ukraine and for S&T collaboration projects Implemented in Ukraine. There is no special body responsible for ICT –related cooperation.

**State Center for Scientific, Technical and Economic Information** is responsible for database on technology projects, including ICT projects

**National Agency of Ukraine on Science, Innovation and Information** was established in 2010 and is the central executive body on forming and implementing the state policy on science, technology issues, technology transfer, informatization, forming and using electronic informational resources, creation of conditions for information society development

**NCP FP7 Ukraineis was established in 2010** is responsible for enhancing Ukraine’s integration in EU research area and for facilitation of Ukraine’s participation in FP7 projects.

### 3.2.3. What was concretely done

N	Stakeholders	The level of activities		
		Passing information	Consultation and dialogue	Events’ participation and Joint actions
1.	Ministry of Education, Science, Youth and Sports of Ukraine (MESYS)	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	Using ministry channel to promote the call for applications of EECA cluster projects on supporting Ukraine researchers to attend the ICT-2010 and to disseminate information on international and national ICT events. Consultancy support in preparation draft priorities for collaboration in R&D areas	Participation in networking and brokerage event in Kharkov in May 2010: Victor Shovkaljuk, Head of Innovation and Technology Transfer Department
2.	National Academy of Science of	1. Delivering ISTOK-SOYUZ newsletters and Project information	Consultancy support in preparation of	Participation in networking and brokerage event in

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

	Ukraine (NASU)	2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	networking and brokerage event in Kharkov in May 2010. Using NASU channel to promote the call for applications of EECA cluster projects on supporting Ukraine researchers to attend the ICT-2010 and to disseminate information on international and national ICT events	Kharkov in May 2010: Borys Grinyov, Member of Expert Board of NAS Ukraine. Participation in co-organizing jointly with <b>National Agency of Ukraine on Science, Innovation and Information</b> the Round Table "Information Society: Law, Innovation, Business" February 25, 2011
3.	National Agency of Ukraine on Investment and <b>Development (NAID)</b>	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	Discussion of the potential mechanisms for NAID support of the Ukrainian teams participation in FP7 projects	Participation in networking and brokerage event in Kharkov in May 2010: Vladimir Gusev, (Regional SAID Branch), Director of North-east Regional Center for Innovation Development
4.	Kharkov Oblast State Administration	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	Consultancy support in organizing networking and brokerage event in Kharkov. Support in organizing plenary session of the ISTOK-SOYUZ during the conference "Computer Modelling in Science-intensive Technologies" (KMHT -2010), in Kharkov National University	Participation in networking and brokerage event in Kharkov in May 2010: Svetlana Ryazanova, deputy head of the department of European Integration Joint participation in organizing Round Table "Eastern Partnership. New Opportunities for Regional Development, April 14, 2011 (EU Informational Center)
5.	Kharkov City Executive Council	1. Delivering ISTOK-SOYUZ newsletters and Project	Consultancy support in	Participation in networking and

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders		
		information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	organizing networking and brokerage event in Kharkov. Discussion of the potential mechanisms for the City Council support of the Ukrainian teams participation in FP7 projects	brokerage event in Kharkov in May 2010: Vadim Lantsman, Department on science, education, culture issues Joint participation in providing Second Ukrainian –German Business Forum Kharkov, February 25,2011
6.	National Information Center on S&T cooperation with EC	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	Using NIC channel to promote the call for applications of EECA cluster projects on supporting Ukraine researchers to attend the ICT-2010 and to disseminate information on international and national ICT events	Participation in networking and brokerage event in Kharkov in May 2010: Andrej Tarelin –regional contact point EC
7.	State Center for Scientific, Technical and Economic Information (SCSTE	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	Using NIC channel to promote the call for applications of EECA cluster projects on supporting Ukraine researchers to attend the ICT-2010 and to disseminate information on international and national ICT events	
8.	Kharkov National University (KNU), Department of Computer Science, Theoretic and Applied Informatics Department	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide "How to Effectively Network /Communicate in International R&D projects	Using KNU channel to promote the call for applications of EECA cluster projects on supporting Ukraine researchers to attend the ICT-2010 and to	Participation in networking and brokerage event in Kharkov in May 2010: Soroka Leonid, Head of Computer Science Department . organizing ISTOK-SOYUZ session at Conference:

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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			disseminate information on international and national ICT events	“Computer Modeling in Science-intensive Technologies” in May 2010 –
9.	NCP FP7 Ukraine	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide “How to Effectively Network /Communicate in International R&D projects	Consultancy support in organizing Joint Workshop “Preparation, submission and implementation of FP7 projects: administrative, financial and legal aspects”, June 3, 2011 Kharkov, Discussion of the potential mechanisms for NCP FP7 support of the Ukrainian teams participation in FP7 projects Participation in developing recommendations for the Ministry of Education, Science, Youth and Sports on facilitating cooperation with EC in FP7	Participation in networking and brokerage event in Kharkov in May 2010: Anatoliy Shanchuk , expert Participation in the NCP FP7 Workshop «Enhancing Ukraine’s participation in research projects of 7 FP EC: opportunities and results», April 6, 2010. Holding Joint Workshop “Preparation, submission and implementation of FP7 projects: administrative, financial and legal aspects”, June 3, 2011 Kharkov, Ukraine
10.	National Agency of Ukraine on Science, Innovation and Information	1. Delivering ISTOK-SOYUZ newsletters and Project information 2. Distribution of the Networking Guide “How to Effectively Network /Communicate in International R&D projects	Discussion of the potential mechanisms for NAUSII support of the Ukrainian teams participation in FP7 projects	Participation in co-organizing jointly with NASU Round Table “Information Society: Law, Innovation, Business” February 25, 2011

### 3.2.4. General results of networking and liaison activities

Set up steady contacts with main regional and national ICT stakeholders, signed memorandums on joint activities within ICT R&D with NASU: “Memorandum on Development and Maintenance of UARNet - Ukrainian Academic Research Telecommunication Network” (regional level); and with

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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NAII - North-East Regional Center for Innovation Development: On joint cooperation aimed at assisting innovation activities between R&D communities of Norway and Kharkov region.

Developed 2 joint collaborative projects in R&D collaboration with EU : NASU and NAII - North-East Regional Center for Innovation Development.

Received feedback info on ICT R&D cooperation priorities EU-Ukraine.

- Strengthening direct contacts with key Ukrainian ICT stakeholders and delivering them information on ISTOK-SOYUZ project updates, raising their awareness in EU ICT cooperation possibilities (FP7).
- Establishing direct contacts with new stakeholders
- Consultations concerning EU-Ukrainian ICT R&D priorities
- Promotion of participation of Ukrainian ICT stakeholders/experts in brokerage events in Europe, in particular in ICT 2010
- Stimulating stakeholders activities in participation in ISTOK-SOYUZ events by informing them about all the Projects actions
- Informing stakeholders about ETP and NoE activities: sending materials and catalogue
- Development recommendations concerning facilitation of Ukraine's participation in FP7 and integration in ERA
- Organizing and providing training for Ukrainian ICT experts on EU-Ukraine FP7 ICT cooperation issues - May 2010
- Organisation of networking and brokerage event in Kharkov, May 2010
- Organizing plenary session of ISTOK-SOYUZ Project issues at the Conference "Computer Modeling in Science-intensive Technologies" –in Kharkov, May 18-21, 2010.
- Participation in consultation workshop in Kiev aimed at identifying and ranking National ICT priorities
- Participation in Round table organized by Ministry of Science and Education: Integration of Ukrainian scientific research into European Research Area, March 31, 2010: MES - organizer, NASU – participants

### 3.2.5. Key achievements of networking and liaison activities (2009-2011)

Stakeholder	Key result
1. National Academy of Sciences of Ukraine and Ministry of Education, Science, Youth and Sports of Ukraine	Networking and Brokerage event in Kharkov, May 2010
2. NCP FP7 Ukraine	Participation in developing recommendations for the Ministry of Education, Science, Youth and Sports on facilitating cooperation with EC in FP7
3. National Academy of Sciences Ukraine	Contributing to development of recommendations for national R&D ICT priorities for cooperation with EC FP

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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### 3.2.6. *Vision of Future cooperation and sustainability of networking and liaison activities*

It is planned to continue and strengthen cooperation and networking with all key stakeholders: passing relevant information on ICT R&D actions, continuing dialogue on enhancing R&D cooperation EU-Ukraine and involving in participation in the relevant events and joint actions.

## 3.3. Belarus

### 3.3.1. *Methodology of work*

Express diagnostics concerning ICT R&D in Belarus was carried out in early project stage. This analysis showed:

- Inefficient use of the existing infrastructure for supporting Belarus participation in the EU programs.
- Lack of visibility of Belarus ICT R&D competences to Europe and the necessity for promotion Belarus' competences and increase of networking.
- Lack of coordination EU-Belarus co-funding procedures for Belarus teams.

Based on this, in Belarus was done on carrying out informational campaign concerning opportunities of European collaboration projects in ICT R&D and, in particular, on EU-Belarus FP7 ICT cooperation.

The main instrument of informational campaign was RCTT's e-news, project newsletters, meetings, workshops for ICT stakeholders, organization of the Session 7. *International integration in innovation activity* at the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (November 17-18, 2009, Minsk, Belarus), organization of the participation ICT Belarus stakeholders in the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus), participation in the Software Engineering Forum (May 19-20, 2010, Minsk, Belarus), organization of the participation ICT Belarus stakeholders in the Scientific Workshop "Seventh Framework Programme of the European Union - New opportunities for international cooperation" (May 18-21, 2010 Kharkov, Ukraine), organization of the participation ICT Belarus stakeholders in the ICT-2010 (September 27-29, 2010, Brussels, Belgium), organization of the Session 6. *International integration in innovation activity* at the 2<sup>nd</sup> BELARUSIAN INNOVATION FORUM (November 18-19, 2010, Minsk, Belarus), organization of the participation ICT Belarus stakeholders in the Policy Workshop "Strengthening collaboration between EU and Belarus in the field of ICT R&D" (December 2-3, Minsk, Belarus), organization of the participation ICT Belarus stakeholders in the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus), participation in the Software Engineering Forum (May 19-20, 2011, Minsk, Belarus),

Next manuals have been developed by the ISTOK-SOYUZ Project was put on RCTT's portal <http://ictt.by>:

- [Training Guide "Getting Started with the EU ICT Research" \(in Russian\)](#)
- [ICT Taxonomy of ISTOK-SOYUZ Project](#)
- [Catalogue of European Technology Platforms and Networks of Excellence](#) and relevant [Interest Expression Form](#)
- [How to Effectively Network/Communicate in International R&D projects](#)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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Publications and news on project's partners web-sites, in mass media and newsletters:

- Web-site RCTT

<http://ictt.by/eng/Default.aspx?tabid=493>  
<http://ictt.by/eng/Default.aspx?tabid=514>  
<http://ictt.by/eng/Default.aspx?tabid=523>  
<http://ictt.by/eng/Default.aspx?tabid=524>  
<http://ictt.by/eng/Default.aspx?tabid=533>  
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<http://ictt.by/eng/Default.aspx?tabid=543>  
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<http://ictt.by/eng/Default.aspx?tabid=655>  
<http://ictt.by/eng/Default.aspx?tabid=665>

- Web-site National Library [http://asmid.nlb.by/nbb/news.php?rubr=1&find\\_string=](http://asmid.nlb.by/nbb/news.php?rubr=1&find_string=)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

- Web-site Belarus National Technical University [www.bntu.by/webroot/delivery/files/nich/bulletin-095.pdf](http://www.bntu.by/webroot/delivery/files/nich/bulletin-095.pdf), [belisa.org.by/pdf/2009/7ISTOK-SOUYZ.pdf](http://belisa.org.by/pdf/2009/7ISTOK-SOUYZ.pdf)
- Web-site State Institution «Belarus Institute of Systems Analysis and Information Support of Scientific and Technical Sphere» State Committee of Science and Technology [belisa.org.by/ru/actions/.../sem25\\_06\\_2009.html](http://belisa.org.by/ru/actions/.../sem25_06_2009.html)
- Web-site Technopark BNTU «Metolit» [www.metolit.by/ru/dir/index.php/2019](http://www.metolit.by/ru/dir/index.php/2019)
- Web-site Гомельского регионального агентства по экономическому развитию <http://www.gomel-agency.org/news/18.04.2009/120.html> и др.
- Newspaper the National Academy of Sciences of Belarus (23.11.2009, 21.12.2009)
- Belarus radio (23.11.2009)

### 3.3.2. Stakeholders with whom the networking and liaison activities were organized

1.	State Committee on Science and Technology of the Republic of Belarus
2.	The National Academy of Sciences of Belarus
3.	Ministry of Education
4.	Ministry of Communications and Informatization
5.	The National Center of Intellectual Property
6.	State Institution «Belarus Institute of Systems Analysis and Information Support of Scientific and Technical Sphere» State Committee of Science and Technology
7.	National Contact point on ICT
8.	Belarus Hi-Tech Park
9.	Belarus Foundation for Basic Research (BFBR)
10.	Scientific and technological association «Infopark»

**State Committee on Science and Technology of the Republic of Belarus** – is the republican state body pursuing a state policy and realizing function of state regulation and management in sphere of scientific, scientific and technical and innovative activity, and also protection of the rights to objects of intellectual property.

**The National Academy of Sciences of Belarus** - is the highest state scientific organization of the Republic of Belarus. The National Academy of Sciences carries out the organization and coordination of fundamental and applied research performed by all subjects of scientific activities, provides fundamental and applied research and developments in the main directions of natural, engineering, social sciences, the humanities and arts with the purposes of obtaining new knowledge about human, society, nature and artificial objects, increasing the scientific and technical, intellectual and spiritual



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

potential of the Republic of Belarus. The National Academy of Sciences carries out the organization, conduction and coordination of the state of scientific expertise, serves as an umbrella organization of Belarus on scientific and methodological support of informatization development.

**Ministry of Communications and Informatization** which is a regulator of communication and telecommunications branch and grants licenses for the right to be engaged in the activity in this branch. Department on Information with the rights of the legal person is created in the structure of the Ministry of Communications and informatization for management of the information processes.

The Ministry of Communications forms and operates the realization of some state and branch programmes:

- State programme of informatization of the Republic of Belarus for 2003-2005 and on prospect till 2010 «Electronic Belarus».
- State programme of introduction of digital television and radiobroadcast in the Republic of Belarus till 2015.
- State programme of development of a satellite television broadcast in the Republic of Belarus till 2010.
- Programme of telecommunication development in the Republic of Belarus for 2006-2010.

Besides, the majority of branches have their own programmes of informatization: **the Ministry of Education, the National Centre for Intellectual Property**, etc. which are financed both by the state budget and off-budget funds.

**Belarusian Institute of System Analysis and Information Support for Scientific and Technical Sphere (BELISA)** is working under the State Committee for Science & Technologies of the Republic of Belarus (SCS&T) (ranked as a Ministry for S&T). The mission of BELISA is the support of System Analysis and S & T Sphere and the provision with S & T information, which are necessary to the SCS&T for formulating and carrying out the national R&D policy and for the scientific community of the country - for its implementation and the development of Belarusian scientists' activities.

**Belarus National Information Point 7th Framework Programme for RTD of the EC (Belarus NCP)** is provided by the Belarusian Institute of System Analysis and Information Support for Scientific and Technical Sphere. The main mission of the Belarus NCP is to improve Belarus-EU co-operation in the ICT area.

**Belarus Hi-Tech Park** was created by the Decree of the President of the Republic of Belarus for the purpose of stimulation of the high technological production development in the Republic of Belarus. Now the basic activity direction of the Hi-Tech Park residents is the information technologies development. Exclusively favorable conditions of managing are given to the residents of the Park. The official body «Administration of the Hi-Tech Park » provides the realization of a special economic mode for the IT Enterprises. One of the important roles of the Park is the IT education system maintenance. Now there are 70 enterprises of a various ownership patterns registered in the Hi-Tech Park. Expansion of the Park activity directions and the creation of a business incubator of the IT Companies are planned on its base.

**Belarus Foundation for Basic Research (BFBR)** issues grants for research projects, events, dissemination of scientific information, etc. Its budget is about 3 million Euro is formed out of State funds. BFBR organizes regular calls for joint research projects with some countries, including Ukraine, Russia, Kazakstan and others.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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**Scientific and technological association «Infopark»** is created in 2001 on the basis of the Decree of the President for the purpose of assistance to the development of the export-focused software and unites developers of the information technologies of various patterns of ownership and activity directions. For April, 2009 60 enterprises, organizations and establishments are the members of the association. A number of tax privileges are given to the members of the association. «Infopark» carries out ICT market researches in the Republic of Belarus, conducts scientific conferences with concerned, in particular, on banking and financial sector IT, supports educational projects.

### 3.3.3. What was concretely done

N	Stakeholders	The level of activities		
		Passing information	Consultation and dialogue	Events' participation and Joint actions
1	State Committee on Science and Technology of the Republic of Belarus	RCTT's e-news concern ISTOK-SOYUZ activities Project newsletters ISTOK-SOYUZ Press-Release Information on ISTOK-SOYUZ "Internal Call" Training Guide "Getting Started with the EU ICT Research" Manual ICT Taxonomy of ISTOK-SOYUZ Project Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form "Recommendations on ICT EU-Belarus cooperation priorities" (prepared by ISTOK-SOYUZ project Training Guide " <a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a> "	Channel to promote on ISTOK-SOYUZ "Internal Call" Consultations in the field of national ICT priorities Collaboration on development and promotion of RCTT network Organizing the 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) Organizing the 17 <sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus) ORGANIZING THE 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus) Organizing the Policy Workshop	Participation of First Deputy Chairman (Mr. Vladimir Nedilko) in Belarus kick-off meeting on 08 April 2009 Seminar "Organization and Methodology Related Aspects of Activization of the Innovation Activity of the Legal Entities in the Mogilev Region" (Mogilev, 28.05.2009) ORGANIZING AND PARTISIPATION IN THE 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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			<p>“Strengthening collaboration between EU and Belarus in the field of ICT R&amp;D” (December 2-3, Minsk, Belarus)  Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)</p>	<p>Preparing (working out) and publishing the Manual “Legal Protection of Computer Software and Databases”  Preparing (working out) and publishing the Proceedings of the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)  Preparing (working out) and publishing the Proceedings of the 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>
2	The National Academy of Sciences of Belarus	RCTT’s e-news concern ISTOK-SOYUZ activities Project newsletters ISTOK-SOYUZ Press-Release Information on ISTOK-SOYUZ “Internal Call” Training Guide "Getting Started with the EU ICT Research" Manual ICT Taxonomy of ISTOK-SOYUZ Project	Channel to promote on ISTOK-SOYUZ “Internal Call” Consultations in the field of national ICT priorities Collaboration on development and promotion of RCTT network Organizing the 1 <sup>ST</sup> BELARUSIAN	Participation of First Deputy Chairman (Mr. Peter Vitiyaz) in Belarus kick-off meeting on 08 April 2009 Meeting with the Young Masters of Sciences of the National

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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		<p>Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form  “Recommendations on ICT EU-Belarus cooperation priorities” (prepared by ISTOK-SOUZ project  Training Guide <a href="#">“How to Effectively Network/Communicate in International R&amp;D projects”</a>”</p>	<p>INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus)  ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)  Organizing the Policy Workshop “Strengthening collaboration between EU and Belarus in the field of ICT R&amp;D” (December 2-3, Minsk, Belarus)  Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)</p>	<p>Academy of Sciences of Belarus (10.07.2009)  Seminar “Technology Transfer as an Element of National Innovation Activity” (08.10.2009)  ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  Preparing (working out) and publishing the Manual “Legal Protection of Computer Software and Databases”  Preparing (working out) and publishing the Proceedings of the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)  Preparing</p>
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231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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				(working out) and publishing the Proceedings of the 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)
3	Ministry of Education	<p>RCTT's e-news concern ISTOK-SOYUZ activities</p> <p>Project newsletters</p> <p>ISTOK-SOYUZ Press-Release</p> <p>Information on ISTOK-SOYUZ "Internal Call"</p> <p>Training Guide "Getting Started with the EU ICT Research"</p> <p>Manual ICT Taxonomy of ISTOK-SOYUZ Project</p> <p>Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form</p> <p>"Recommendations on ICT EU-Belarus cooperation priorities" (prepared by ISTOK-SOYUZ project)</p> <p>Training Guide "<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>"</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"</p> <p>Consultations in the field of national ICT priorities</p> <p>Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus)</p> <p>ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p> <p>Organizing the Policy Workshop "Strengthening collaboration between EU and Belarus in the field of ICT R&amp;D" (December 2-3, Minsk, Belarus)</p> <p>Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk,</p>	<p>Seminar "Technology Transfer as an Element of National Innovation Activity" (07.05.2009, Minsk)</p> <p>Meeting with the students of the Belarusian State Economic University (01.07.2009)</p> <p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

			Belarus)	
4	Ministry of Information	<p>RCTT's e-news concern ISTOK-SOYUZ activities  Project newsletters  ISTOK-SOYUZ Press-Release  Information on ISTOK-SOYUZ "Internal Call"  Training Guide "Getting Started with the EU ICT Research"  Manual ICT Taxonomy of ISTOK-SOYUZ Project  Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form  "Recommendations on ICT EU-Belarus cooperation priorities" (prepared by ISTOK-SOYUZ project  Training Guide "<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>"</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"  Consultations in the field of national ICT priorities  Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus)  Organizing the Software Engineering Forum (May 19-20, 2010, Minsk, Belarus)  ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)  Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)  Organizing the Software Engineering Forum (May 19-20, 2011, Minsk, Belarus)</p>	<p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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5	The National Center of Intellectual Property	<p>RCTT's e-news concern ISTOK-SOYUZ activities</p> <p>Project newsletters</p> <p>ISTOK-SOYUZ Press-Release</p> <p>Information on ISTOK-SOYUZ "Internal Call"</p> <p>Training Guide "Getting Started with the EU ICT Research"</p> <p>Manual ICT Taxonomy of ISTOK-SOYUZ Project</p> <p>Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form</p> <p>"Recommendations on ICT EU-Belarus cooperation priorities" (prepared by ISTOK-SOYUZ project)</p> <p>Training Guide "<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>"</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"</p> <p>Consultations in the field of national ICT priorities</p> <p>Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p> <p>Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)</p>	<p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>
6	State Institution «Belarus Institute of Systems Analysis and Information Support of Scientific and Technical Sphere» State Committee of Science and Technology	<p>RCTT's e-news concern ISTOK-SOYUZ activities</p> <p>Project newsletters</p> <p>ISTOK-SOYUZ Press-Release</p> <p>Information on ISTOK-SOYUZ "Internal Call"</p> <p>Training Guide "Getting Started with the EU ICT Research"</p> <p>Manual ICT Taxonomy of ISTOK-SOYUZ Project</p> <p>Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form</p> <p>"Recommendations on</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"</p> <p>Consultations in the field of national ICT priorities</p> <p>Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk,</p>	<p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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		<p>ICT EU-Belarus cooperation priorities” (prepared by ISTOK-SOYUZ project Training Guide “<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>”</p>	<p>Belarus) ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus) Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)</p>	
7	National Contact point on ICT	<p>RCTT’s e-news concern ISTOK-SOYUZ activities Project newsletters ISTOK-SOYUZ Press-Release Information on ISTOK-SOYUZ “Internal Call” Training Guide "Getting Started with the EU ICT Research" Manual ICT Taxonomy of ISTOK-SOYUZ Project Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form “Recommendations on ICT EU-Belarus cooperation priorities” (prepared by ISTOK-SOYUZ project Training Guide “<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>”</p>	<p>Channel to promote on ISTOK-SOYUZ “Internal Call” Consultations in the field of national ICT priorities Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus) ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus) Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-</p>	<p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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			29, 2011, Minsk, Belarus)	
8	<b>Belarus Hi-Tech Park</b>	<p>RCTT's e-news concern ISTOK-SOYUZ activities  Project newsletters  ISTOK-SOYUZ Press-Release  Information on ISTOK-SOYUZ "Internal Call"  Training Guide "Getting Started with the EU ICT Research"  Manual ICT Taxonomy of ISTOK-SOYUZ Project  Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form  "Recommendations on ICT EU-Belarus cooperation priorities" (prepared by ISTOK-SOYUZ project)  Training Guide "<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>"</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"  Consultations in the field of national ICT priorities  Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus)  Organizing the Software Engineering Forum (May 19-20, 2010, Minsk, Belarus)  ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)  Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)  Organizing the Software Engineering Forum (May 19-20, 2011, Minsk, Belarus)</p>	<p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)  ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

9	Belarus Foundation for Basic Research (BFBR)	<p>RCTT's e-news concern ISTOK-SOYUZ activities</p> <p>Project newsletters</p> <p>ISTOK-SOYUZ Press-Release</p> <p>Information on ISTOK-SOYUZ "Internal Call"</p> <p>Training Guide "Getting Started with the EU ICT Research"</p> <p>Manual ICT Taxonomy of ISTOK-SOYUZ Project</p> <p>Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form</p> <p>"Recommendations on ICT EU-Belarus cooperation priorities" (prepared by ISTOK-SOYUZ project)</p> <p>Training Guide "<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>"</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"</p> <p>Consultations in the field of national ICT priorities</p> <p>Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>	<p>ORGANIZING AND PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>Preparing (working out) and publishing the Proccedings of the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>
10	Scientific and technological association «Infopark»	<p>RCTT's e-news concern ISTOK-SOYUZ activities</p> <p>Project newsletters</p> <p>ISTOK-SOYUZ Press-Release</p> <p>Information on ISTOK-SOYUZ "Internal Call"</p> <p>Training Guide "Getting Started with the EU ICT Research"</p> <p>Manual ICT Taxonomy of ISTOK-SOYUZ Project</p> <p>Catalogue of European Technology Platforms and Networks of Excellence and relevant Interest Expression Form</p> <p>"Recommendations on ICT EU-Belarus cooperation priorities"</p>	<p>Channel to promote on ISTOK-SOYUZ "Internal Call"</p> <p>Consultations in the field of national ICT priorities</p> <p>Organizing the 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>Organizing the 17<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2010 (April 20-23, 2010, Minsk, Belarus)</p> <p>Organizing the</p>	<p>PARTISIPATION IN THE 1<sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus)</p> <p>ORGANIZING AND PARTISIPATION IN THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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		<p>(prepared by ISTOK-SOYUZ project Training Guide "<a href="#">How to Effectively Network/Communicate in International R&amp;D projects</a>"</p>	<p>Software Engineering Forum (May 19-20, 2010, Minsk, Belarus)          ORGANIZING THE 2<sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)          Organizing the 18<sup>th</sup> International Forum on Telecommunications, Information and Banking Technologies TIBO-2011 (April 26-29, 2011, Minsk, Belarus)            Organizing the Software Engineering Forum (May 19-20, 2011, Minsk, Belarus)</p>	
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Presentations at the kick-off workshop, seminars and conferences (presentations were done at 1 international conference, 6 seminars and 2 meetings):

Date	Action	Participants
08.04.2009	The Belarus National Kick-off Meeting	Representatives of the State Committee on Science and Technology of the Republic of Belarus, the National Academy of Sciences of Belarus, the Republican Centre for Technology Transfer, the Belarusian National Technical University/36
07.05.2009	Seminar "Technology Transfer as an Element of National Innovation Activity", Minsk	Trainees (pro-rectors, deputy deans, department heads, associate professors) represented seventeen faculties of the Belarusian National Technical University/26
13.05.2009	Seminar "Technology Transfer as an Element of National Innovation Activity", Minsk	Trainees (meant to replace the present top managers of key national organizations and appointed by the President of Belarus) represented several Belarusian organizations and enterprises./16
28.05.2009	Seminar "Organization and	Representatives of the local entities from across

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

	Methodology Related Aspects of Activization of the Innovation Activity of the Legal Entities in the Mogilev Region"/Mogilev	the Mogilev region/80
01.07.2009	Meeting with the students of the Belarusian State Economic University	Students of the Belarusian State Economic University/6
10.07.2009	Meeting with the Young Masters of Sciences of the National Academy of Sciences of Belarus	Young Masters of Sciences of the National Academy of Sciences of Belarus/18
08.10.2009	Seminar "Technology Transfer as an Element of National Innovation Activity", Minsk	MA course students of the National Academy of Sciences of Belarus/28
26.10.2009	Seminar "Technology Transfer as an Element of National Innovation Activity", Minsk	Production and engineering managers and their deputies at Belarusian industrial entities/21
17-18.11.2009	1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (international conference)	Over 228 participants, 38 represented 12 foreign countries: Austria, Czech Republic, Estonia, France, Germany, Kazakhstan, Lithuania, Moldova, Norway, Russia, Sweden, Tajikistan, and Ukraine. High-rank officials from the national ministries, governmental bodies and agencies, academic and educational institutions, business associations from across Belarus, top managers of domestic and foreign enterprises and companies, experts from the UNDP, UNIDO, as well as those coming from the CIS and the CEI member countries came to take part in the Innovation Forum.
20.11.2009	Seminar "Technology Transfer as an Element of National Innovation Activity", Minsk	Production and engineering managers and their deputies at Belarusian industrial entities/17
26.01.2010	Seminar "New Opportunities for Integration of Belarusian Research Institutions and Scientific Community into the European Scientific Sector under the ISTOK-SOYUZ Project", Minsk	Representatives of organizations under the National Academy of Sciences of Belarus/18
01.03.2010	Seminar "Technology Transfer as an Element of National Innovation Activity", Minsk,	Representatives of managerial staff and specialists of all the regional executive committees of Belarus, the Minsk Municipal Executive Committee, other municipal, district and local public authorities supervising innovation-related project and development activities/48
17.04.2010	Seminar "Technology	Representatives of Belarusian enterprises who

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

	Transfer as an Element of National Innovation Activity”, Minsk	would potentially replace the present administrative staff of the enterprises/50
10.06.2010	Seminar “Technology Transfer as an Element of National Innovation Activity”, Minsk	Deputy directors of the entities with the National Academy of Sciences of Belarus/22
31.01.2011	Seminar “Technology Transfer as an Element of National Innovation Activity”, Minsk	Senior engineers, their assistants and the provision for these posts, experts of technological services, industrial enterprises and organizations of the Republic of Belarus/34
15.02.2011	Seminar “Technology Transfer as an Element of National Innovation Activity”, Minsk	Managers, directors and their deputies of the entities with the National Academy of Sciences of Belarus/16
22.02.2011	Seminar “Technology Transfer as an Element of National Innovation Activity”, Minsk	Head of departments of the entities with the National Academy of Sciences of Belarus/27
14.03.2011	Seminar “Technology Transfer as an Element of National Innovation Activity”, Minsk	Directors of the enterprises and organizations of the Ministry of Industry of the Republic of Belarus/34

Organized an internal call for proposals and to select 5 organizations with strongest ICT R&D collaboration potential from the five targeted countries of EECA, and to provide them with personalized support in order to increase number of ICT partnerships under FP7.

RCTT established ISTOK-SOYUZ contacts with more than 50 key stakeholders in Belarus. Among them: State Committee on Science and Technology of the Republic of Belarus, National Academy of Sciences of Belarus, Ministry of Information, Ministry of Education, Belarusian Innovation Fund, Scientific and technological association «Infopark», **Belarus Hi-Tech Park**, other Governmental organizations, bridging R&D organizations, Universities, R&D institutes, Large enterprises etc. In 2009 were organized 8 workshops and the 1<sup>ST</sup> Belarusian Innovation Forum with the participation of key stakeholders. In 2010-2011 were organized 8 workshops, the 2<sup>nd</sup> Belarusian Innovation Forum and participation of key stakeholders in TIBO-2010, Software Engineering Forum 2010, the Scientific Workshop "Seventh Framework Programme of the European Union - New opportunities for international cooperation" (May 18-21, 2010 Kharkov, Ukraine), ICT-2010, the Policy Workshop “Strengthening collaboration between EU and Belarus in the field of ICT R&D” (December 2-3, Minsk, Belarus), TIBO-2011, Software Engineering Forum 2011.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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### 3.3.4. General results of networking and liaison activities

RCTT established ISTOK-SOYUZ contacts with more than 50 key stakeholders in Belarus. Among them: State Committee on Science and Technology of the Republic of Belarus, National Academy of Sciences of Belarus, Ministry of Information, Ministry of Education, Belarusian Innovation Fund, Scientific and technological association «Infopark», **Belarus Hi-Tech Park**, other Governmental organisations, bridging R&D organisations, Universities, R&D institutes, Large enterprises etc. In 2009 were organised 8 workshops and the 1<sup>ST</sup> Belarusian Innovation Forum with the participation of key stakeholders. In 2010-2011 were organized 8 workshops, the 2<sup>nd</sup> Belarusian Innovation Forum and participation of key stakeholders in TIBO-2010, Software Engineering Forum 2010, the Scientific Workshop "Seventh Framework Programme of the European Union - New opportunities for international cooperation" (May 18-21, 2010 Kharkov, Ukraine), ICT-2010, the Policy Workshop "Strengthening collaboration between EU and Belarus in the field of ICT R&D" (December 2-3, Minsk, Belarus), TIBO-2011, Software Engineering Forum 2011.

Organised an internal call for proposals and to select 5 organizations with strongest ICT R&D collaboration potential from the five targeted countries of EECA, and to provide them with personalized support in order to increase number of ICT partnerships under FP7.

Expanding of the ISTOK competence platform. Number of ICT experts registered up to date are: Belarus – 58. Number of ICT organizations registered up to date are: Belarus – 53.

### 3.3.5. Key achievements of networking and liaison activities (2009-2011)

Stakeholder	Key result
State Committee on Science and Technology of the Republic of Belarus	Participation of First Deputy Chairman (Mr. Vladimir Nedilko) in Belarus kick-off meeting on 08 April 2009 Seminar "Organization and Methodology Related Aspects of Activization of the Innovation Activity of the Legal Entities in the Mogilev Region" (Mogilev , 28.05.2009) ORGANIZING AND PARTISIPATION IN THE 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) Preparing (working out) and publishing the Manual "Legal Protection of Computer Software and Databases" Preparing (working out) and publishing the Proceedings of the 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) ORGANIZING AND PARTISIPATION IN THE 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus) Preparing (working out) and publishing the Proceedings of the 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)
The National Academy of Sciences of Belarus	Participation of First Deputy Chairman (Mr. Peter Vityaz) in Belarus kick-off meeting on 08 April 2009 Meeting with the Young Masters of Sciences of the National Academy of Sciences of Belarus (10.07.2009) Seminar "Technology Transfer as an Element of National Innovation Activity" (08.10.2009) ORGANIZING AND PARTISIPATION IN THE 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) Preparing (working out) and publishing the Manual "Legal Protection of

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

	Computer Software and Databases” Preparing (working out) and publishing the Proceedings of the 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) ORGANIZING AND PARTISIPATION IN THE 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus) Preparing (working out) and publishing the Proceedings of the 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)
Scientific and technological association «Infopark»	PARTISIPATION IN THE 1 <sup>ST</sup> BELARUSIAN INNOVATION FORUM (17-18.11.2009, Minsk, Belarus) ORGANIZING AND PARTISIPATION IN THE 2 <sup>ND</sup> BELARUSIAN INNOVATION FORUM (18-19.11.2010, Minsk, Belarus)

### 3.3.6. Vision of Future cooperation and sustainability of networking and liaison activities

Type of future cooperation with Stakeholders	Stakeholders	Planned activites
Passing information	State Committee on Science and Technology of the Republic of Belarus	
Consultation and dialogue		
Events' participation and Joint actions	The National Academy of Sciences of Belarus Ministry of Education Ministry of Information The National Center of Intellectual Property State Institution «Belarus Institute of Systems Analysis and Information Support of Scientific and Technical Sphere» State Committee of Science and Technology National Contact point on ICT <b>Belarus Hi-Tech Park</b> Belarus Foundation for Basic Research (BFBR) National Contact point on ICT	<ul style="list-style-type: none"> <li>Organizing to participation Belarus stakeholders in national and international ICT-events</li> <li>Information support of the TIBO '2012 19th International Forum on Telecommunications, Information and Banking Technologies (April 2012, Minsk, Belarus).</li> <li>Organizing and participation in Software Engineering Forum Belarus 2012 is to take place in Minsk on May 2012</li> </ul>

## 3.4. Armenia

### 3.4.1. Methodology of work

At the project start ISTOK-SOYUZ partner organization in Armenia has identified the main stakeholders in the country and has established direct contacts with them to create a synergy between the project and stakeholders to achieve the goals of the project successfully. We have studied, analyzed and determined stakeholders' interest and their motivation to integrate national ICT-organizations, scientists

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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and researchers into European Research Area, FP7 programs and Technological Platforms. We identified ISTOK-SOYUZ project's and the stakeholders' collaboration issues for involving them into project current tasks implementation process to achieve project objectives. During the project implementation whole period regular meetings with stakeholders have been taken place to discuss current tasks and achievements. The stakeholders have been informed regarding the relevant activities regularly. Project's and stakeholders' representatives have taken mutual participation in ICT events.

### *3.4.2. Stakeholders with whom the networking and liaison activities were organized*

1. **RA Ministry of Economy.** The scientific-technical sphere of the Ministry of Trade and Economic Development of RA represents multiple-discipline system. It incorporate about 20 scientific and scientific-technical organizations, which include joint-stock companies and the state noncommercial organizations that carried out the fundamental, applied and technological investigations, research-development works and there are experimental manufactures functioning on the base of results of their activity. In system of the Ministry of Trade and Economic Development of RA the Department of Information Technologies and Innovations is distinguished. The Department plays an important role in development and formation of scientific and technical idea in ICT area, as well as in identification an innovative policy in Armenia. The Department has a great interest in collaboration between European and Armenian ICT organizations.
2. **RA Ministry of Education and Science.** The State Committee of Science of the Ministry of Education and Science is a state body, which elaborates and implements the policy of the Government of the Republic of Armenia in the sphere of science. The main objects and tasks of the Committee shall be the development, rational distribution and maintenance of the Republic of Armenia's scientific and technical potential, formulation of a productive system for training scientific personnel, assistance to the reproduction of the intellectual potential of the society, maintenance of the natural development and functioning of science sector as a basic incentive for the economic growth, national security, progress in education and science. The relevant group in Committee is concerned with the development and implementation of policy in ICT area, supporting the investment of the results of computer sciences, information and communications technologies. The Ministry of Education and Science is interested in sharing of professors, lectures, scientists experience on international level and involving them as well as students in international projects and collaborative scientific and educational activities.
3. **The National Academy of Sciences of Armenia** is a highest state scientific self-governing organization which unites NAS Members and scientific staff of affiliated scientific and research institutions. The Academy promotes and carries out fundamental and applied research in different scientific fields, as well as coordinates research carried out throughout Armenia. NAS RA is an official scientific consultant to the highest Governing Bodies of Armenia and plays a key role in setting broad policy directions. Various activities were undertaken directed to the development of cooperation with various R&D and scientific-educational institutions. Armenian scientists are involved in numerous FP7 projects: Black Sea Interconnection, SEE - GRID e- Infrastructure for a regional science, IDEALIST - network system to support European projects referring to the informational and telecommunication technologies. NAS RA is interested in the more enlarging and intensifying contacts between national R&D Institutes and European leading research centers.



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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4. **Information Technologies Development Support Council (ITDSC)** acts as intermediary between government and the rest of the ICT system. ITDSC, linking the Government with IT business, educational institutions, IT non-governmental organizations, donor and international organizations, organizes and holds discussions favoring solution of issues related to development of information society and IT industry.
5. **Institute for Informatics and Automation Problem NAS RA.** The basic objective is the intensive R&D, motivated by challenge of supporting development, implementation and wide use of information society technologies in Armenia. The institute carries out both theoretical investigations: Discrete Optimization, Cryptography, Logic, Algorithms, Intelligence, Distribution and Complexity; as well as Information Technologies Development: systems with Data Mining, Word Processing, Internet Automation, Image Processing and Understanding, Network protection. The institute takes part in different international projects. The representative of institute are involved in EXTEND project which has close contact with ISTOK-SOYUZ project.
6. **Yerevan State University** - the leading educational and scientific center in Armenia. The university cooperates with various scientific and educational organizations that is shown in programs KIMEP, TEMPUS, DAAD, CRDF, IREX, ACIE and Fulbright. The activities with Institute of Eastern Europe Research at Warsaw University, with Russian Society of Friendship with Armenia, NATO Public Diplomacy Office, European Fund of Democracy (Brussels), USAID CAPS Project, the Armenian General Benevolent Union (AGBU), British Council as well as with the European University Association, International Association of Universities, Eurasian Association of Universities, European Political Studies Network are continued. YSU is considered as stakeholder because the ISTOK-SOYUZ project is implemented in Research and Educational Center of Information Technologies of YSU. Project presents reports to Center about its activities regularly.
7. **Enterprise Incubator Foundation (EIF)** is a joint effort of the Government of Armenia and the World Bank to assist the local Information Technology sector by providing a comprehensive package of business, training, and facility services. EIF provides office space and services to IT companies. (domestic and foreign owned), clusters and business federations. One of EIF's tasks is the involving the IT companies into international research area, so it is a stakeholder for the project.
8. **The Union of Information Technology Enterprises (UITE)** has the mission to make Armenia an internationally recognized ICT/High Tech leader, by providing focused, value-added services and initiatives, which include valuable networking, industry advocacy, business and educational services. UITE is interested in supporting the project to achieve its objectives and integrating the Armenian ICT organizations into European Technological Platforms.
9. **Competitive Armenian Private Sector (CAPS)** project is a five year program of assistance funded by the United States Agency for International Development (USAID). CAPS is based on a cluster approach which focuses on improving the business environment and fostering cooperation among enterprises in a particular industry sector. CAPS has selected information technology (IT) as a cluster. CAPS offers sector specific expertise in strategy, marketing, financial management and human resources management, as well as cost-shared assistance for event participation, training, infrastructure development and more.
10. **National Contact points on ICT** are Mr. Shoukourian Yuri, Vice-President of NAS RA, and Mr. Aslanyan Levon, Professor, Institute for Informatics and Automation Problems.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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11. **State Engineering University of Armenia.** During the last few years the State Engineering University of Armenia (Polytechnic) has participated in different international programs, such as TACIS, TEMPUS, COPERNICUS, INTAS. The result of these programs was the establishment of the Faculty Development Center, Student Career Services Center and University-Industry Liaison Center. Some international grants in the ICT area have been realized: grant of SCOPES “Correct Wavelength-scale Computer Simulation of Resonant-cavity Light Emitting Diodes by an Advanced Method of Single Expression” (2005-2008), grant of ISTC “Development of Scientific Computing Grid on the Base Armcluster for South Caucasus”, (2007-2009). The university participates in a number of European and International Programs on University Management, Curricula Development, and Research. The projects realized by the staff of the University are financed by such international funds as: TACIS, TEMPUS, COPERNICUS, IREX, The Institute of Open Society, USAID, DAAD, COST, EUROMED, INTAS, NATO, USIA, CRDF, EURASIA, ISTC, Mac Arthur Foundation etc.
12. **Journal “In World of Science”** is a popular-science journal founded 5 years ago, in which articles from different areas of science, engineering and technologies are published. The target audience includes scientists, researchers as well as large of society.

### 3.4.3. What was concretely done

N	Stakeholders	The level of activities		
		Passing information	Consultation and dialogue	Events’ participation and Joint actions
1.	RA Ministry of Economy	<p>Informing the Armenian Centre of Scientific and Technical Information (ACSTI) in RA Ministry of Economy (Mr.V.Kirakosyan) about ISTOK-SOYUZ project issues and activities periodically.</p> <p>Delivering of the article “ European technology platforms: using the European experience to create the new tool for the Russian innovative economy development” (author O.Luksha)</p>	<p>Discussing the main tasks outlined in “Information Technology Sector Development Concept Paper” and their connection with the project’s objectives.</p>	<p>Participation of project representatives in ACSTI meetings.</p>
2.	RA Ministry of Education and	<p>Delivering the following materials to the State Committee</p>	<p>Indicating directions in ICT area that are most relevant for</p>	<p>Project presentation at the meeting in the State</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

	Science	of Science of the Ministry of Education and Science: “The Recommendations on ICT EU-EECA cooperation priorities” , “ICT Taxonomy” , “Catalogue of ETP/NoE” , “How to Effectively Network Guide”.	Armenian scientists and researchers. Discussing the issues regarding ICT R&D priorities for Armenia	Committee of Science.
3.	The National Academy of Sciences of Armenia	Informing about project’s promotion periodically. Passing the ICT taxonomy accepted in ISTOK-SOYUZ, Catalogue of ETP/NoE and list of organizations joined ETP, Training Guide “Towards successful participation in European ICT Research”, prepared by ISTOK-SOYUZ and article “ European technology platforms: using the European experience to create the new tool for the Russian innovative economy development” (author O. Luksha )	Discussion the common tasks of ISTOK-SOYUZ and the ongoing projects (EXTEND, BSI, People) and developing recommendations for activities. Indication of the most important for Armenia areas in the ICT taxonomy. Strategy developing to involve national organizations in European Research Area in particular to join ETP/NoE. Discussion the issues regarding ETP creation in Russia.	Participation of Vice-President of NAS RA Mr. Yuri Shoukourian in Armenian kick-off meeting on 15 May 2009. Meeting in NAS RA to discuss issues on participation in ICT2010.
4.	The Information Technologies Development Support Council (ITDSC)	Informing about project’s activities and achievements. Delivering the materials prepared by ISTOK-SOYUZ	Discussing with the ITDSC secretary Mr. A.Grigoryan the current tasks outlined in “Information Technology Sector Development Concept Paper” and their eventual impact on project activities.	Participation in national ICT events, organized by the ITDSC and ISTOK-SOYUZ objectives and achievements presentation.
5.	Institute for	Mailing of information	Regular telephone	Participation of ISTOK-

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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	Informatics and Automation Problems (IIAP)	about project promotion. Passing the ICT taxonomy accepted in ISTOK-SOYUZ, Catalogue of ETP/NoE, Training Guide “Towards successful participation in European ICT Research”, “How to Effectively Network Guide”. prepared by ISTOK-SOYUZ	connection with IIAP director Mr. V.Sahakyan. Policy developing to support institute researchers to take part in FP7 Calls. Discussions for identification “National ICT Priorities in 2011-2015”	SOYUZ project coordinator in Armenia Mr. R.Topchyan and other representatives in conferences and workshops organized by IIAP (CSIT, September 2009, Applications of Information Theory, Coding and Security, April, 2010).
6.	Yerevan State University	As the project is implemented in Research and Educational Center of Information Technologies of YSU, project presents reports to Center about its activities regularly. Dissemination to ICT departments of YSU all the materials prepared by ISTOK-SOYUZ.	Discussing with Vice-rector of YSU Mr. A.Grigorian and Head of Research and Educational Center of Information Technologies of YSU Mr. S. Shoukourian the strategy issues to implement project’s current tasks and activities for project’s objectives achievement.	Organising of the jointly Seminar “FP7: opportunities and perspectives of collaboration with the EU countries” (May, 2010. Speaker: Alexander Petrenko – ISPRAS) and the Round Table “ETP: tasks and opportunities to join” (December, 2010)
7.	Enterprise Incubator Foundation (EIF)	Dissemination of current information about project activities, tasks, achievements. Delivering of all the training guides and promotion materials prepared by ISTOK-SOYUZ	Discussing and developing the jointly strategy to achieve the common goals of the project. Consultation on involving the researchers from ICT private companies into competencies presentation process on EECA Cluster Competence Platform.	Participation in ICT events organized by EIF, ISTOK-SOYUZ presentation. EIF representative participation in ISTOK-SOYUZ Round Table in Armenia (December, 2010, Yerevan). ISTOK-SOYUZ representative participation in EIF seminar “High Performance computing” (February, 2011, Yerevan)

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

			Consultation on issue for EIF joining ETP NESSI.	
8.	The Union of Information Technology Enterprises (UITE)	Dissemination of current information about project activities, tasks, achievements as well as ISTOK-SOYUZ prepared materials.	Discussing and developing with Director of UITE Mr. K. Vardanyan the jointly strategy to achieve the common goals of project and to involve the Information Technology Enterprises into project implementation process.	Participation in ICT events organized by UITE and ISTOK-SOYUZ presentation. UITE representative participation in ISTOK-SOYUZ Round Table in Armenia (December, 2010, Yerevan). ISTOK-SOYUZ representative participation in “DIGITEC EXPO-10” and jointly seminar “Lifelong Learning in Armenia ” organized by UITE (October, 2011, Yerevan)
9.	Competitive Armenian Private Sector (CAPS)	Dissemination of current information about project activities, tasks, achievements.	Discussing and developing the jointly strategy to achieve the common goals.	Participation in ICT events organized by CAPS, ISTOK-SOYUZ presentation.
10.	National Contact Points on ICT	Passing information about project’s current tasks, activities and achievements. Passing the contribution materials of ISTOK-SYUZ partner organization in Armenia that had to be included into project deliverables and reports.	Studying and discussing the ICT taxonomy, identifying the cooperation priorities for Armenia. Consultation on participation in ICT 2010 and discussing the applications evaluation criteria.	Regular confrontations, phone communications and meetings during the national ICT events.
11.	State Engineering University of Armenia	Delivering to ICT departments SEUA the materials prepared by ISTOK-SOYUZ: “ICT taxonomy”,	Discussing with Head of Information Security and Software Development Department Mr. G.	SEUA representatives participation in Seminar “FP7: opportunities and perspectives of collaboration with the EU

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

		“Catalogue of ETP/NoE”, Training Guide “Towards successful participation in European ICT Research”, Practical Guide “How to Effectively Network/ Communicate in International projects“	Margarov the strategy issues on involving SEUA into project’s activities promotion process to achieve project’s objectives.	countries” (Speaker: Alexander Petrenko – ISPRAS, May, 2010. Russian-Armenian University, Yerevan ) and in the Round Table “ETP: tasks and opportunities to join” (December, 2010, Yerevan State University) ISTOK-SOYUZ representative participation in Scientific Seminar in SEUA (May, 2011, Yerevan).
12.	Journal “In World of Science”	Informing about project activities	Consultation about project materials publishing issues	The article “ ETP: creation and evolution history” (in Armenian, authors: R.Topchyan, O. Luksha, A.Hovakimyan) is prepared to publish in journal  Preparing and editing selected chapters from the Guide “How to Effectively Network/ Communicate in International R&D projects” (in Armenian) to publish in journal.

The networking and liaison activities with Armenian stakeholders have been continued during the period 2010-2011 according to the identified methodology of work with stakeholders. The stakeholders were informed about ISTOK-SOYUZ tasks, activities and achievements regularly. Project’s materials were delivered to stakeholders as developed. Representatives of project and stakeholders have taken part in joint events: meetings, conferences, workshops, round tables. The activities, tools, objectives and methodology of ISTOK-SOYUZ were presented and joint actions and activities were identified.

Consultations with Head of Armenian Centre of Scientific and Technical Information (ACSTI) in RA Ministry of Economy Mr.V.Kirakosyan, the representative of the State Committee of Science of the Ministry of Education and Science, as well as with Vice-President of NAS RA Mr. YuriShoukourian and secretary of The Information Technologies Development Support Council (ITDSC) Mr. A.Grigoryan were aimed to update the list of ICT priorities in Armenia according the ISTOK-SOYUZ ICT taxonomy. An

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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important element of the networking and liaison activities with stakeholders was their involvement into activities to disseminate ICT2010 Application call information by means of stakeholders channels. To raise awareness of Armenian ICT teams on FP7 and to support them to establish the partnerships, ISTOK-SOYUZ team has cooperated with Armenian NCP on ICT, in particularly in the ICT researchers applications evaluation process to participate in the event ICT2010.

To explain ETPs and NoEs mission the Round Table was organized in Yerevan State University in that representatives of main stakeholders have participated. During the Round Table the Topics of Calls 7, 8 were presented as well. Joint Seminar “FP7: opportunities and perspectives of collaboration with the EU countries” was organized with YSU. In seminar has participated the representative of ISTOK-SOYUZ partner organization in Russia Alexander Petrenko.

A close cooperation was established with the Enterprise Incubator Foundation (EIF) and The Union of Information Technology Enterprises (UITE). The representatives of these organizations and of ISTOK-SOYUZ team have discussed the issues related to delivering awareness raising information to the private Armenian ICT enterprises to involve them into activities aimed to cooperation establishment issues with European ICT organizations and researchers.

ISTOK-SOYUZ representatives participated in EIF seminar “High Performance computing” (February, 2011, Yerevan) in the seminar “Lifelong Learning in Armenia” in the frame of “DIGITEC EXPO-10” (co-organizer UITE, October, 2011, Yerevan), where the ISTOK-SOYUZ objectives were presented as well.

As new stakeholder the State Engineering University of Armenia (SEUA) was identified. SEUA has a great potential and experience in the ICT area. The cooperation with SEUA carried out according the methodology of work. There were mutual participation in ICT measures, presentations about ISTOK-SOYUZ activities and achievements.

ISTOK-SOYUZ new stakeholder is popular-science journal “In World of Science”. With the editing board the mutual preparing of articles to publish in journal was carried out. The article “ETP: creation and evolution history” (in Armenian, authors: R.Topchyan, O. Luksha, A.Hovakimyan) was prepared and selected chapters from the Guide “How to Effectively Network/ Communicate in International R&D projects” (in Armenian) are editing.

#### *3.4.4. General results of networking and liaison activities*

Establishing of direct contacts with the most important stakeholders to discuss the objectives of the project in whole and of the partner organization in Armenia in particular. Identifying of networking and liaison activities with national stakeholders, methodology of work and activities plan developing to facilitate the implementation of project current tasks and objectives. Meeting and consultations with representatives from Ministry of Economy and the Information Technologies Development Support Council to collect materials for Express Diagnostics. Consultations on preparing “The Recommendations on ICT EU-RA cooperation priorities” with the State Committee of Science of the Ministry of Education and Science, the Institute for Informatics and Automation Problems NAS RA, ICT National Contact Points and other stakeholders.

Developing the jointly strategy to involve universities and other ICT organizations for cooperation with ETP and NoE, as well as into activities aimed to participate in FP7 programs. Organizing the meeting with stakeholders in the State Committee of Science of the Ministry of Education and Science (May, 2010) to discuss the further activities strategy for ICT organizations joining European Scientific Platforms in ICT area.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

Developing formats to raising the researchers' interest to register on EECA CompetencePlatform. Creating the strategy to involve the ICT organizations from different regions of Armenia (Gjumri, Vanadzor, Gavar) into project's activities.

Organizing the regular meetings with stakeholders as well as with other interested organizations and companies in the ICT area to discuss current tasks and objectives, developing the strategy to draw the stakeholders into activities to achieve project's goals.

Project presentation on ICT events and Conferences organized by stakeholders and other interested parties (April, 2010, October, 2010, December, 2010, February, 2011 etc.).

Publishing the materials about project objectives and it's implementation on stakeholders' Web-sites.

Meeting with the main stakeholders to summarize the results achieved during the project implementation (December, 2010, May, 2011).

### 3.4.5. Key achievements of networking and liaison activities (2009-2011)

Stakeholder	Key result
1.The National Academy of Sciences of Armenia	ISTOK_SOYUZ kick-off meeting in Armenia (15.05.2009)
2. Yerevan State University	Round Table highlighted the issues about ETP/NoE
3.Enterprise Incubator Foundation (EIF)	"National ICT-private companies involving into European Research Area measures plan" development

### 3.4.6. Vision of Future cooperation and sustainability of networking and liaison activities

Type of future cooperation with Stakeholders	Stakeholders	Planned activities
Passing information	<ol style="list-style-type: none"> <li>1. RA Ministry of Education and Science</li> <li>2. The National Academy of Sciences of Armenia</li> <li>3. The Information Technologies Development Support Council (ITDSC)</li> <li>4. Universities, R&amp;D Institutes, ICT-companies</li> </ol>	<ol style="list-style-type: none"> <li>1. Delivering the information about ISTOK-SOYUZ implementation results in the whole and in Armenia.</li> <li>2. Delivering the information about FP7 ICT Calls.</li> </ol>
Consultation and dialogue	<ol style="list-style-type: none"> <li>1.The State Committee of Science of the Ministry of Education and Science</li> <li>2. National Contact Points on ICT</li> <li>3. Institute for Informatics and Automation Problems (IIAP) NAS RA</li> </ol>	Consultations on further involvement of Armenian ICT organizations, scientists and researchers into collaboration processes with EU organizations and discussion on activities aimed to more



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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		active participation in Framework Programs.
Events' participation and Joint actions	<ol style="list-style-type: none"> <li>1. Yerevan State University</li> <li>2. State Engineering University of Armenia</li> <li>3. Enterprise Incubator Foundation (EIF)</li> <li>4. The Union of Information Technology Enterprises (UITE)</li> <li>5. Journal "In World of Science"</li> </ol>	<ol style="list-style-type: none"> <li>1. Active participation in conferences, workshops and ICT events organized by mentioned stakeholders.</li> <li>2. Preparing articles about ISTOK_SOYUZ implementation results in Armenia and lessons learnt to publish in journal "In World of Science"</li> </ol>

### 3.5. Kazakhstan

#### 3.5.1 Methodology of work

The methodology of work within development of networking and liaisons activities with relevant national stakeholders and projects were distinguished in several ways. Firstly, National Innovation Fund JSC as an executor of state policy in the field of innovation, has direct contacts on the governmental level with state institutions involved in ICT development in Kazakhstan. As a result the information and activities with this group of stakeholders was organized by conducting presentations, negotiations, organization of common events. Secondly, National Innovation Fund JSC as financial institution also works on funding and developing of innovative projects and firms, including the ICT companies. In this regards as for daughter companies, NIF JSC always has direct contacts and informational exchange. The third group of stakeholders, which were involved in the networking activities is ICT innovative infrastructure centers. In Kazakhstan, the key innovative cluster in ICT filed is Special Economic Zone Park of Informational Technologies, which is located in the Almaty area and managed by the Alatau IT Management company. The information about the ISTOK-SOYUZ project, including the European Union 7 Framework program was distributed through all groups of stakeholders, mentioned above.

#### 3.5.2 Stakeholders with whom the networking and liaison activities were organized (Kazakhstan)

*Stakeholders with whom the networking and liaison activities were organized*

№	Name of organization	Description
1.	Ministry of communication and information of the Republic of Kazakhstan	<p>Ministry of Communication &amp; Information of the Republic of Kazakhstan (hereinafter referred to as Ministry) is a central executive agency in the Republic of Kazakhstan that exercises government regulation in the fields of communication, informatization, information, archive keeping, and documentation.</p> <p>Ministry has the departments:</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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		<p>Information and Archives Committee and Communication &amp; Informatization Committee.</p> <p>Ministry's major goals shall be:</p> <ol style="list-style-type: none"> <li>1) participating in elaboration and implementation of government policy in the field of communication, government control, coordination and regulation of activity of persons that provide services in the field of communication or those that use such services;</li> <li>2) participating in elaboration and implementation of government policy and government regulation of activity in the field of informatization and e-Government;</li> <li>3) participating in elaboration and implementation of government policy mail services; government control, coordination, and regulation of activity of mail operators;</li> <li>4) participating in elaboration and implementation of government policy information, archive keeping, and documentation;</li> <li>5) participating in elaboration and implementation of government policy and government regulation and control in the fields of natural monopolies and in the governed markets of telecommunications and publicly available mail service;</li> <li>6) exercising inter-industry coordination in the areas of information, archive keeping and documentation;</li> <li>7) any other goals imposed on the Ministry.</li> </ol>
2.	National Informational Technologies JSC	<p>Joint Stock Company "National Information Technologies" - the national operator in the field of Information Technology of the Republic of Kazakhstan. Created April 4, 2000 as an authorized organization to create and communicate state information systems.</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

		<p>Organizational structure of JSC "National Information Technologies" consists of a central office, industrial units and 16 regional centers, including telecommunications and the city of Astana.</p> <p>The main activity of company formation, development and maintenance of the national information infrastructure of the Republic of Kazakhstan, the integration of public information resources, create a database of common use.</p>
3.	International IT University	<p>International IT University was founded in April 2009 on behalf of the President of Kazakhstan to the formation of industrial innovation IT - industry in Kazakhstan. IT University in 7500 students per year will take a leading role in training skilled, internationally recognized experts for IT - industry players.</p>
4.	Kazakhtelecom JSC	<p>JSC «Kazakhtelecom», the national carrier of Kazakhstan and one of the fastest growing telecommunications companies in the former Soviet Union, provides a broad spectrum of infocomm services.</p> <p>The central office is located in the capital of Kazakhstan - Astana. The company employs about 30 thousand people. JSC «Kazakhtelecom» has regional offices in each area of the country and provides services throughout the country. According to operative data as of 1 January 2009 the company serves more than 3, 333 million fixed-line subscribers. The telephone density in the Republic of Kazakhstan is an average of 21.3 fixed lines per 100 people. JSC «Kazakhtelecom» closely cooperates and works with more than 40 operators from both near and far abroad.</p>
5.	Aspan Telecom LLP	<p>The main priorities of the company are constant outreach of list of service, their realization by the most advanced technological solutions at a constant</p>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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		<p>quality Network of wireless broadband radio access is based on equipment and technologies of world leaders Alvarion, Cisco System, Intel, which already guarantee a high quality of services.</p>
6.	Business Telecom LLP	Cable TV, local telephone service, Data service. Optical Metro Ethernet network operator
7.	The One Capital LLP	<p>The introduction of an innovative billing system to create a WiFi network of the National "Open Wifi" The project aims to create a network providing access to the Internet by means of technology, WiFi. The network will cover all public areas (cafes / restaurants, shopping centers, hotels, business centers) in all cities.</p>
8.	Special Economic Zone Park of Informational Technologies, Alatau IT Management company	<p>"Information Technology Park Alatau IT City", acting in the regime of special economic zones (hereinafter - the Park) was created by the Decree of the President of Kazakhstan on August 18, 2003 N 1166. September 15, 2006 was made the opening set of the first phase of the first construction of the Park (hereinafter - the property complex) with the participation of President of Kazakhstan Nursultan Nazarbayev. Building owners and the owner of the property complex is a joint-stock company "Center of Engineering and Technology Transfer", transferred the property complex in trust LLP "Alatau IT City Management" (trust management agreement of 24.07.2007, the). LLP "Alatau IT City Management" (hereinafter - the Partnership) was established in October 2005 (the original name until February 2007 - JSC "Management Company Information Technology Park") for management property complexes and is a subsidiary of JSC "National Innovation Fund" , which owns 100% interest in the partnership.</p>
9.	Ministry of Industry and new Technologies of the Republic of Kazakhstan	Ministry of Industry and Trade of the Republic of Kazakhstan - the central executive body responsible leadership in the field of industry and industrial

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

		<p>innovation, research and technological development, mining and metallurgical, mechanical engineering, chemical, pharmaceutical, light industry, woodworking and furniture industry, construction and building materials, state support of investments, safety of machinery and equipment and the safety of chemical products in accordance with industry-oriented, establishment, operation and abolition of special economic zones, export control of technical regulation and traceability, electricity, mineral resources, except for hydrocarbons, the state geological study, the reproduction of mineral resources, sustainable and integrated use of mineral resources, governance, use of mineral resources in terms of solid mineral resources, ground water and mud, coal industry, the use of nuclear energy, support renewable energy, energy efficiency, as well as inter-sectoral coordination of public bodies in activities relating to its competence.</p>
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3.5.3 What was concretely done (Kazakhstan)

		The level of activities		
Stakeholders		Passing information	Consultation and dialogue	Events' participation and Joint actions
1	JSC Zerde	Passing information about ICT Calls and Competence platform	Information about European Technologies platforms was send officially.	Participation in kick-off meeting

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

2	Centre of Engineering and Technology Transfer	Passing information about ICT Calls and Competence platform		Participation in kick-off meeting
3	Kazakhstan British Technical University	Passing information about ICT Calls and Competence platform	Information about ICT calls placed on University website	Participation in kick-off meeting
4	Agency of Information and Communication	Passing information about ICT Calls and Competence platform		Participation in kick-off meeting

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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5	National contact point of FP7	Passing presentation	Participation and making presentation on seminar organized by Kamila Magziyeva	<p>Participation of FP7 NCP (Kamila Magziyeva) in kick-off meeting.</p> <p>Seminar, organized by FP7 NCP. In association of FP7 NCP, the National Council on cooperation with framework programs of the European Union was established by the order №394 dated on July 22, 2010 of the Ministry of science and education of the republic of Kazakhstan.</p> <p>National Innovation Fund JSC was appointed as National Contact Point on ICT within the cooperation with EU Framework programmes, because of the ISTOK-SOYUZ project participation.</p> <p>Organization of Stakeholders informational seminar with FP7 NCP on February 14-15,</p>
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231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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				<p>2011.</p> <p>Organization of workshop on S&amp;T indicators in April 7-8, 2011 in Almaty.</p> <p>Organization of S&amp;T stakeholders conference on May 26-27, 2011.</p> <p>Participation in workshop in Athens dedicated to the innovation policies and structures and presentation on NIF JSC international activities, including ISTOK-SOYUZ project, June 15-18, 2011.</p>
6	Ebusiness	Passing information about ICT Calls and Competence platform	Express interest in integrating in the ETP	Participation in kick-off meeting
7	Ministry of Education and Science	Passing information about ICT Calls and Competence platform	Information about ICT calls placed on website	Participation in kick-off meeting
8	Ministry of communication and information of the Republic of Kazakhstan	Passing information about ICT Calls and Competence platform	Information about European Technologies platforms was send officially.	



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

9	National Informational Technologies JSC	Passing information about ICT Calls and Competence platform		
10	International IT University	Passing information about ICT Calls and Competence platform	Information about ICT-2010 event in Brussels	Participation in ICT-2010 event in Brussels and ISTOK-SOYUZ project meeting
11	Kazakhtelecom JSC	Passing information about ICT Calls and Competence platform		
12	Aspan Telecom LLP	Passing information about ICT Calls and Competence platform	Information about European Technologies platforms was send officially.	
13	Business Telecom LLP	Passing information about ICT Calls and Competence platform	Information about European Technologies platforms was send officially.	
14	The One Capital LLP	Passing information about ICT Calls and Competence platform	Information about European Technologies platforms was send officially.	
15	Special Economic Zone Park of Informational Technologies, Alatau IT Management company	Passing information about ICT Calls and Competence platform		In association with Ms. Svetlana Klessova, ISTOK-SOYUZ project coordinator, organized the presentation about ISTOK-SOYUZ project and Framework programs activities in the frames of VI Innovative congress in the frames of IV Astana Economic Forum on May 3, 2011.
16	Government of the Republic of Kazakhstan, Ministry of Industry and New Technologies of the Republic of Kazakhstan, big audience of stakehoders			

<b>231665</b>	<b>ISTOK-SOYUZ</b>	D2.3b. Final report about networking and liaison activities with stakeholders
---------------	--------------------	---

The main achievements of the work on networking and liaison activities with stakeholders may be described as following:

- Generally raised level of knowing about the ICT projects within the FP7 among public and private sectors stakeholders;
- Attraction of research organization in IT sector (Kazakh-British Technical University and International IT University) for bridging and searching for the partners through the ISTOK-SOYUZ project;
- Organization of NCP system in the Republic of Kazakhstan in association with FP7 national Contact Point Dr. Kamilla Magziyeva (NIF JSC – ICT NCP).

#### 3.5.4 General results of networking and liaison activities (Kazakhstan)

The intermediary results of the planned actions for the period of April 2010 – May 2011 are:

1. Distribution of newsletter about the project to the Ministry of communication and information, Zerde JSC, Ministry of Industry and New Technologies, Center of engineering and technology transfer JSC;
2. Organization of presentation about experience of FP7 programs and ISTOK-SOYUZ project by Dr Kamila Magziyeva, National contact point for FPR7 in the Frames of III Astana Economic Forum on July 1-2, 2010\$
3. Organization of presentation about ISTOK-SOYUZ project by Ms. Svetlana Klessova, coordinator of ISTOK-SOYUZ project in the frames of IV Astana Economic Forum on May 3, 2011;
4. Appointment NIF JSC as National Contact Point for ICT projects within the cooperation with EU Framework programs;
5. Distribution the information about the ISTOK-SOYUZ project during the Stakeholders informational seminar on February 14-15, 2011, workshop on S&T indicators in April 7-8, 2011 in Almaty, S&T stakeholders conference on May 26-27, 2011 in Astana.

#### 3.5.5 3 key achievements of networking and liaison activities (2009-2011)

<b>Stakeholder</b>	<b>Key result</b>
1. Kazakh-British Technical University, International IT University	Participation in ICT-2010 event in Brussels and participation in ISTOK-SOYUZ
2. Ministry of education and science of the Republic of Kazakhstan, FP7 national contact point	National Innovation Fund JSC was appointed as National Contact Point on ICT within the cooperation with EU Framework programs, because of the ISTOK-SOYUZ project participation.
3. Ministry of Industry and New Technologies of the Republic of Kazakhstan	In association with Ms. Svetlana Klessova, ISTOK-SOYUZ project coordinator, organized the presentation about ISTOK-SOYUZ project and Framework programs activities in the frames of VI Innovative congress in the frames of IV Astana Economic Forum on May 3, 2011.

#### 3.5.6 Vision of Future cooperation and sustainability of networking and liaison activities

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

Type of future cooperation with Stakeholders	Stakeholders	Planned activities
Passing information	Ministry of Industry and New Technologies	Organization of newsletter, which will be distributed to 157 development agencies worldwide
Consultation and dialogue	JSC Zerde, Ministry of Education and Science, National Informational Technologies JSC, Special Economic Zone Park of Informational Technologies, Special Economic Zone Park of Informational Technologies	
Events' participation and Joint actions	NCP FP7	Organization of session dedicated to experience of stakeholders cooperation and participation FP7 projects within the VII Innovative Congress.

### 3.6. Central Asia countries: Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan

#### *Methodology of work*

Starting point to launch networking and liaison activities with stakeholders in Central Asia (CA) countries was a result of “**express diagnostic**” of potential for ICT R&D collaboration with EU.

ISTOK-SOYUZ project has an objective to investigate ICT R&D potential of four Central Asia countries – Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan – and identify ICT RTD potential and collaboration opportunities between four target countries and EU. This task has been realized via **analytical research** carried out by ISTOK-SOYUZ team and ICT experts<sup>16</sup> (consultants) from the target countries.

Analytical research included overview (in each 4 countries) of

- national ICT sector;
- management/coordination systems R&D ICT research;
- fundamental orientation national ICT sector and objectives of national ICT policy;
- potential/proposed areas of R&D ICT collaboration with EU countries and other countries.

The express diagnostic was carried out during June-August, 2009 and updated in April. As a part of this work, **key national ICT stakeholders were identified**.

<sup>16</sup> ICT experts (consultants) in 4 countries have been selected by open call for proposals

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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On the basis of express diagnostic results in the beginning of 2010 ISTOK-SOYUZ has made a proposal for CA stakeholders to agree joint pilot actions for cooperation with the project<sup>17</sup> (Example of “Letter on cooperation” - sent to the representatives of CA stakeholders according to the table below, see **Annex 3**).

### List of CA stakeholders

#### Kirgizstan

N	Full name of organisation	Contact person	Position	Contacts
1	Ministry of Transport and Communications <a href="http://www.mtk.gov.kg">www.mtk.gov.kg</a>	Nurlan Sulaymanov	Minister	<a href="mailto:mtk@mtk.gov.kg">mtk@mtk.gov.kg</a>
2	National Agency of Telecommunications <a href="http://www.nas.kg">www.nas.kg</a>	Kubat Kadyraliev	Director	<a href="mailto:nta@infotel.kg">nta@infotel.kg</a>
3	Academy of Science	Valery Zhivoglyadov	Professor, Member of ICT R&D Board	<a href="mailto:jiv_vp@mail.ru">jiv_vp@mail.ru</a>
4	Kyrgyz National Library, FP7 National Contact Point	Jyldyz Bakashova	National coordinator NCP	<a href="mailto:jyldyz_kg@mail.ru">jyldyz_kg@mail.ru</a> <a href="mailto:j.bakashova@nlpub.bis">j.bakashova@nlpub.bis</a> <a href="http://hkek.gov.kg">hkek.gov.kg</a>

#### Tadjikistan

N	Full name of organisation	Contact person	Position	Contacts
1	The central department of communications and informatization	Abdurakhim Ashurov	Minister	734025, Tajikistan, Dushanbe, pr. Rudaki 57, tel: (+992 37) 221-22-84, fax: (+992 37) 221-29-53, <a href="mailto:info@mincom.tj">info@mincom.tj</a>
2	Department of education of the Republic of Tajikistan	Abdudzhabbor Rakhmonov	Minister	Tajikistan, Dushanbe, <b>Khakimadze str., 14/1</b> tel.: (+992 37) <b>221-46-05</b> , fax: (+992 37) <b>221-70-41</b>
3	Academy of Science of the Republic of Tajikistan	Mamadsho Ilolov	<b>President</b>	734025, Tajikistan, Dushanbe, pr. Rudaki 33, tel: (+992 37) 221-50-83, fax: (+992 37) 221-49-11

<sup>17</sup> The letter has been sent on 2 March, 2010. By 15 March, 2010 there are 3 replies – from Turkmenistan Academy of Science, Kirgizstan Academy of Science and IT-Association of Uzbekistan with positive reactions.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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#### Uzbekistan

N	Full name of organisation	Contact person	Position	Contacts
1	Communications and Information Agency of Uzbekistan	Khakim Mukhitdinov	The General Director	28 a, A. Navoiy str., Tashkent, Uzbekistan, 100011 Tel.: (+998-71) 238-41-07 Fax: (+998-71) 239-87-82 e-mail: <a href="mailto:info@aci.uz">info@aci.uz</a>
2	Institute of mathematics and informational technologies of the Academy of science of Uzbekistan	Shavkat Ayupov	Director	100125, Tashkent, Uzbekistan, F. Khodzhaev str., 29; tel.: (+998-71) 262-75-44, fax: (+998-71) 262-73-57; e-mail: <a href="mailto:mathinst@uzsci.net">mathinst@uzsci.net</a>

#### Turkmenistan

N	Full name of organisation	Contact person	Position	Contacts
1	Turkmen Telecom	Annadovlet Muhammedov	General Director	36, Asudalyk str., Ashgabat, Turkmenistan, 744000 Tel.: +99312 352153 Fax : +99312 511277 E-mail: <a href="mailto:mincom@online.tm">mincom@online.tm</a>
2	Department of education of Turkmenistan	Gulshat Mammedova	Minister	2 Gerogly str., Ashgabat, Turkmenistan 744000 Tel. : +99312 355803 Fax : +99312 398811
3	Turkmenian Academy of Science	Gyurbanmyrat Mezilov	President	Fax : +99312 396772

#### *Networking and liaison activities*

Letter on cooperation was mailed to key stakeholder; this letter comprises a suggestions to coordinate potential pilot actions in every country as follows:

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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- **Organization of special presentation in the framework of national conference** (including thematic of the information and communication technologies) aimed to present FP7 ICT priority areas, abilities for the teams from Central Asia countries to participate in the program and for the instruments of searching the partners.
- **Dissemination special guideline on participation in FP7 among the ICT experts of the given country;** “Getting started with EU R&D ICT research programs” guide (web version is available at: <http://www.istok-soyuz.eu/index.php/news/114-training-guide-qgetting-started-with-the-eu-ict-researchq-published-in-russian>).
- **Participation of the national representatives in the conference ICT-2010** ([http://ec.europa.eu/information\\_society/events/ict/2010/index\\_en.htm](http://ec.europa.eu/information_society/events/ict/2010/index_en.htm)), which is the largest event where the modern tendencies of ICT development will be discussed. Also the next Work program on ICT for 2011-2013 will be presented at the conference.
- **Organization of registration of ICT representatives from the given country at the Competence platform of ISTOK-SOYUZ project** (<http://www.istok-soyuz.eu/index.php/competence-platform>) aimed to raise visibility of cooperation potential for the European partners.
- **Dissemination of the ISTOK-SOYUZ project newsletter.** The letter is addressed to ICT specialists who intend to participate in 7FP projects. They may be provided with actual information on calls, tendencies, actions and “histories of success”. The first 2 issues are available at: <http://www.istok-soyuz.eu/index.php/project-publications/newsletters>.

As a result, in May, 2010 the international workshop “Development of ICT R&D cooperation between Central Asia countries and European Union: priorities and opportunities” was held in Tashkent (Uzbekistan). The workshop was organized in cooperation with Association of IT companies and R&D organizations of Uzbekistan. Representatives from 25 organizations from Uzbekistan, Turkmenistan, Kirgizstan took part in this workshop.



Stakeholders and representatives of R&D organisations from Central Asia were invited to take part in ICT EECA Cluster workshop organized as satellite event of ICT-2010. Representatives from Tajikistan attended in this event.

These activities lead to new partnerships with ICT support organizations in Central Asia countries. On the basis of this partnership new FP7 proposal was designed – PICTURE. This proposal aimed to enhance policy dialog between EECA countries and EU. FP7 NCP and other national support organizations from Kirgizstan, Uzbekistan, Tadjikistan, and Turkmenistan are involved in the PICTURE project.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

### *Key results of activities in Central Asia*

- prepared 4 country-reports (Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan) on express-diagnostic of potential for cooperation with EU in ICT sphere. These reports updated in April, 2011.
- Identified at least 3 organizations- key stakeholders in ICT area in each country.
- prepared and sent to each national stakeholder personal proposal for cooperation.
- international workshop “Development of ICT R&D cooperation between Central Asia countries and European Union: priorities and opportunities” was organised in Tashkent (17, May, 2010, Uzbekistan).
- Representative from Turkmenistan took part in EECA workshop in framework of ICT-2010
- 4 support organizations (NCP and other) from Kirgizstan, Uzbekistan, Tadjikistan, and Turkmenistan were involved in the PICTURE project aimed to support ICT policy dialog between EECA and EU.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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## 4. Conclusion

The report demonstrates that the major of EECA countries manifested State-related organizations as stakeholders in the scope of cooperation with EU – ministries, agencies, academies of science. Industry is less involved in establishing partnerships with EU.

Having governmental institutions as stakeholders allows ISTOK-SOYUZ **to support the policy-making process concerning ICT technological cooperation between EECA countries and Europe**. ISTOK-SOYUZ provided the stakeholders with the details of EU initiatives in FP7 ICT thematic priorities, consulted them about priorities and strategic objectives of ICT development in EU and **informed about the key events in ICT policy-making**. ISTOK-SOYUZ is devoted to apply the efforts available to improve EECA-EU cooperation policies in ICT domain.

The stakeholders, especially National Academies of Sciences, provided ISTOK-SOYUZ with their channels **to raise awareness about FP7 and its opportunities**, to inform the community about ISTOK-SOYUZ initiatives and events.

These types of stakeholders (Academia, ICT authorities) received the following benefits from ISTOK-SOYUZ project:

- ✓ **Increase their visibility to EU ICT actors** to be invited in international research consortia (e.g. participate in future EU-funded research projects).
- ✓ **Be informed on the FP7 programme** to financially support their international research activities, as well as on the benefits and potential risks that are associated from such activities.
- ✓ **Be acquainted with the procedures on how to participate in EU-funded research activities** under FP7 ICT and enhance their EU projects implementation and networking skills, advancing their participation potential;
- ✓ **Improved thier networking skills for R&D cooperation** using ISTOK-SOYUZ Training Guide “How to Effectively Network/Communicate in International R&D projects”.

ISTOK-SOYUZ have improved collaboration with the ICT industry in EECA, with the focus on small and medium business. For example, in cooperation with Foundation to Assistance for Small Innovative Enterprises in Russia in framework of ERA.NET call ISTOK-SOYUZ **supported preparation of 5 ICT proposals for this calls involving SME’s**. Industry stakeholders like Foundations and Associations were informed about ICT Work Programme 2009/2011-2012.

Another important objective for stakeholder collaboration is **joining European Technology Platforms (ETPs) and Networks of Excellence (NoEs)**. ISTOK-SOYUZ have provided the stakeholders with ETP/NoE catalogue developed by the project and provide hands-on support concerning joining ETPs. This activity was very important in Russia where process of Russian Technological platforms development was started in 2010. So, ISTOK-SOYUZ provided consultations for Russian R&Ds and Industry on ETP methodology and practical cases.

ISTOK-SOYUZ helped to involve some of EECA stakeholders (mostly NCPs) into **new initiative to support policy dialog between EU and EECA** (new FP7 project PICTURE – “Policy dialogue in ICT to an Upper level for Reinforced EU-EECA Cooperation”).

The table below summarized key activities which are planned by ISTOK-SOYUZ partners behind the project end in 5 target countries. It demonstrates the **sustainability level of the achieved results** of networking and liaisons activities.

Type of future	Russia	Ukraine	Belorussia	Armenia	Kazakhstan
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231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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cooperation with Stakeholders					
Passing information	<ul style="list-style-type: none"> <li>• Dissemination of relevant information on EU-RF cooperation (programs, partner search etc.) via existing tools like RTTN newsletter (official mass-media), partners' web-sites etc.</li> <li>• Preparation joint publications (e.g. with "Innovations")</li> <li>• Joint dissemination of Training Guide "How to Effectively Network/Communicate in International R&amp;D projects"</li> </ul>	<ul style="list-style-type: none"> <li>• Disseminating relevant information on ICT R&amp;D actions, continuing dialogue on enhancing R&amp;D cooperation EU-Ukraine and involving in participation in the relevant events and joint actions</li> </ul>	N/A	<ol style="list-style-type: none"> <li>1. Delivering the information about ISTOK-SOYUZ implementation results in the whole and in Armenia.</li> <li>2. Delivering the information about FP7 ICT Calls.</li> </ol>	<ul style="list-style-type: none"> <li>•</li> </ul>
Consultation and dialogue	<ul style="list-style-type: none"> <li>• Joint workshops on EU-RF R&amp;D and innovation cooperation</li> <li>• Consultations in</li> </ul>	<ul style="list-style-type: none"> <li>• Policy dialog in framework of FP7 PRACTICE project</li> </ul>	<ul style="list-style-type: none"> <li>• Policy dialog in framework of FP7 PRACTICE project</li> </ul>	Consultations on further involvement of Armenian ICT organizations, scientists and researchers	<ul style="list-style-type: none"> <li>•</li> </ul>

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---

	framework of FP7 PRACTICE project			into collaboration processes with EU organizations and discussion on activities aimed to more active participation in Framework Programs.	
Events' participation and Joint actions	<ul style="list-style-type: none"> <li>• Joint brokerage events organization,</li> <li>• Partner search via Enterprise Europe Network tools for joint calls and bilateral programs</li> <li>• FP7 PRACTICE project</li> </ul>	N/A	<ul style="list-style-type: none"> <li>• Organizing to participation Belarus stakeholders in national and international ICT-events</li> <li>• Information support of the TIBO '2012 19th International Forum on Telecommunications, Information and Banking Technologies (April 2012, Minsk, Belarus).</li> <li>• Organizing and participation in Software Engineering Forum Belarus 2012 is to take place</li> </ul>	<ol style="list-style-type: none"> <li>1. Active participation in conferences, workshops and ICT events organized by mentioned stakeholders.</li> <li>2. Preparing articles about ISTOK_SOYUZ implementation results in Armenia and lessons learnt to publish in journal "In World of Science"</li> </ol>	<ul style="list-style-type: none"> <li>•</li> </ul>

<b>231665</b>	<b>ISTOK-SOYUZ</b>	D2.3b. Final report about networking and liaison activities with stakeholders
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			in Minsk on May 2012		
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## 5. Annexes

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### 5.1. Annex 1 - Report/Press-release on stakeholders meeting in Russia



*Press-release  
January 30, 2010*

***ISTOK-SOYUZ has held working meeting with the stakeholders.***

On January, 28th 2009 in Moscow in a building of Scientific-organizational department of the Russian Academy of Sciences the Working meeting with ISTOK-SOYUZ project stakeholders has taken place: «Projects and an infrastructure on support of the Russian-European cooperation in the ICT sphere: achievements of 2009 and cooperation prospect in 2010»

In the meeting organised at the initiative of RTTN, the next representatives have taken part:

- Project ISTOK-SOYUZ (inno, RTTN, ISPRAS)
- Delegation of the European Union in Russia
- Managements of the Russian Academy of Sciences (Scientifically-organizational management, Scientific-organizational department of the Russian Academy of Sciences, Deputy Scientific Secretary of the RAS Presidium),
- The Russian fund of basic researches,
- The Russian Fund of assistance to innovation SMEs
- FP7 ICT National contact point
- FP7 National contact point on SMEs
- International Union of ICT Engineers and Designers.

During the meeting its participants have discussed results of work of the project in 2009 and plans for 2010 for the purpose of definition of practical mechanisms of interaction with the key interested organisations.

Among the most significant results of the project in Russia RTTN has presented

- Results of internal call and the work done on support of its winners on participation in FP7 ICT calls (Call-5, Call-6) that has allowed to integrate into the European consortia of 18 Russian teams;
- The Russian version of the “Getting started with EU ICT R&D programs” guide.

Presentation of results of work on integration of the Russian organisations into the European technological platforms (ETP) has been made by ISPRAS representative. It has been noticed that the Russian organisations by now are poorly informed about this perspective European form of the private-state partnership which provides strong orientation of scientific researches to needs of the European industry. Participants of meeting consider that it is necessary to inform more widely Russian scientific community about ETPs and advantages of the participation in them of the Russian organisations. It is recommended to prepare in particular detailed article about ETP for the publication in one of known Russian magazines.

Prominent aspect of activity of the project is networking with the ICT NCP in Russia. During discussion the next steps on strengthening of this cooperation, including information interchange, advancement of

<b>231665</b>	<b>ISTOK-SOYUZ</b>	D2.3b. Final report about networking and liaison activities with stakeholders
---------------	--------------------	---

results of the project, support of the Russian organisations on participation in FP7 etc. have been defined.

The representative who has acted at meeting of the RFBR has stated interest in closer cooperation with the project and, in particular, on preparation of the Russian researchers for participation in FP7 projects. Specialised RFBR competition on support of the Russian ICT research teams with potential for participation in FP7 could become one of forms of such a work.

As an experience of the project work has shown, the effective form of creation of consortia for FP7 projects is the participation of the Russian organisations in brokerage ICT events in EU. Participants of meeting have discussed the list of such events in 2010 and concrete steps on support for the representation on them the Russian ICT competencies.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
--------	-------------	---



### Проект ISTOK-SOYUZ провел рабочее совещание со стейкхолдерами.

28 января 2009 в Москве в здании Научно-организационного управления РАН состоялось Рабочее совещание со стейкхолдерами проекта ISTOK-SOYUZ : «Проекты и инфраструктура по поддержке Российско-Европейского сотрудничества в сфере ИКТ: достижения 2009 г. и перспективы кооперации в 2010 г.»

В совещании, организованном по инициативе RTTN, приняли участие представители:

- проекта ISTOK-SOYUZ (inno, RTTN, ИСПРАН)
- Представительства Европейского Союза в России
- руководства РАН (Научно-организационного управления, Управления внешних связей РАН, заместитель Главного ученого секретаря Президиума РАН),
- Российского фонда фундаментальных исследований (РФФИ),
- Российского Фонда содействия развитию малых форм предприятий в научно-технической сфере
- Национальных контактных точек 7РП по ИКТ и малому и среднему бизнесу
- Международного союза приборостроителей ИТТ

В ходе совещания его участникам обсудили результаты работы проекта в 2009 г. и планы на 2010 г. с целью определения практических механизмов взаимодействия с ключевыми заинтересованными организациями.

Среди наиболее значимых результатов проекта в России **RTTN представил**

- итоги внутреннего конкурса проекта ISTOK-SOYUZ и проделанную работу по поддержке его победителей по участию в ИКТ- конкурсах 7РП (Call-5, Call-6), что позволило интегрировать в европейские консорциумы 18 российских команд ([http://www.rttt.ru/newsrttn/id\\_800](http://www.rttt.ru/newsrttn/id_800));
- подготовленное русскоязычное руководство по участию в 7РП по ИКТ тематике [http://www.rttt.ru/newsrttn/id\\_806](http://www.rttt.ru/newsrttn/id_806).

Презентация результатов работы по **интеграции российских организаций в Европейские технологические платформы (ЕТП)** была сделана представителем ИСПРАН. Было отмечено, что российские организации пока слабо представляют эту перспективную европейскую форму частно-государственного партнерства, которая обеспечивает четкую ориентацию научных исследований на нужды европейской промышленности. Участники совещания считают, что необходимо более широко информировать научную общественность относительно ЕТП и преимуществ участия в них российских организаций. Рекомендовано в частности подготовить детальную статью о ЕТП для публикации в одном из известных российских журналах.

Важным аспектом деятельности проекта является **взаимодействие с Национальной контактной точкой по ИКТ РФ**. В ходе дискуссии были определены шаги по укреплению этого сотрудничества, включая обмен информацией, продвижению результатов проекта, поддержке российских организаций по участию в РП7 и т.п..

Выступивший на совещании представитель **РФФИ высказал заинтересованность в более тесном сотрудничестве с проектом** и, в частности, по подготовке российских исследователей для участия в проектах 7РП. Одной из форм подобной работы мог бы стать специализированный конкурс РФФИ по выявлению российских исследовательских команд с потенциалом для участия в 7РП.

Как показала практика работы проекта, эффективной формой создания консорциумов для проектов 7РП является **участие российских организаций в брокерских мероприятиях ЕС** по ИКТ.

<b>231665</b>	<b>ISTOK-SOYUZ</b>	D2.3b. Final report about networking and liaison activities with stakeholders
---------------	--------------------	---

Участники совещания обсудили список таких мероприятий в 2010 году и конкретные шаги по поддержке представления на них российских ИКТ – компетенций.

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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## 5.2. Annex 2 - MEMORANDUM ON INTENTIONS between ISTOK-SOYUZ and Russian Foundation for Basic Research

### MEMORANDUM ON INTENTIONS

15 March 2010

**Russian Foundation for Basic Research (RFBR)** in person of Tsyganov Sergey Alekseevich, Head of Oriented Research Department, from the one part and

**EC 7 Framework Program Project «Information Technologies to Open Knowledge for Eastern Europe and Central Asia»** – ISTOK-SOYUZ, in person of Svetlana Mary-Clair Klessova, Director of inno (the Leader of Consortium), from the other part

signed the present Memorandum on Intentions.

#### 1. Goals

The Parts highlighted the common goals of their work.

- RFBR realizes the programs of support the oriented fundamental research and interdisciplinary research carried out by Russian scientists and scientific groups. At the same time one of the Fund's priorities is **assistance to development of international cooperation under the research projects**.
- Goal of ISTOK-SOYUZ project is identification of priorities and instruments to assistance for **European and Russian** (as well as Eastern Europe and Central Asia countries) **researchers cooperation** in sphere of Information and Communication Technologies (ICT).

#### 2. Common tasks for cooperation

The parts defined the common tasks which are planned to solve by combined efforts and realize the joint actions.

- **Raise awareness of Russian scientists** on potential of science cooperation with European partners in EC 7 Framework Program of thematic priority "Information and Communication Technologies (ICT)".
- **Improve visibility of the competences** of Russian scientists and science groups in ICT sphere **for European science community**.
- **Identification of priorities:** joint definition of the science thematic tasks in ICT sphere where cooperation between Russia and EC may be mutually beneficial and perspective.
- **Improve readiness** of Russian researchers to take part in the joint science-research projects carried out under EC 7 Framework Program.
- Assistance in creation of **science partnerships** and cooperative connections.

#### 3. Actions which the parts intend to realize with coordination of their efforts

RFBR is interested **to design special call for R&D proposals** in framework of interdisciplinary science research (ISR) support program. Specific condition for this call is availability of the European partner interested in results of this research (ISR-FP7). It is supposed that carry-out of the oriented fundamental research will be a practical step to further development of cooperation, particularly as preparation of the joint projects for FP7.



231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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**To assess feasibility** of this initiative:

- The parties will **analyze together ISR projects** supported by RFBR for identification of teams and competences relevant to the tasks of ICT FP7 work program.
- RFBR **initiates registration of not less than 15** Russian researchers interested in development of international science connections with EU at the Competence platform of ISTOK-SOYUZ project. This action may raise visibility of the Russian potential partners for European ICT community.
- RFBR and ISTOK-SOYUZ will hold **the joint seminar-training** for identified Russian teams for participation in FP7 of ICT thematic priority. It is supposed that new FP7 ICT Work program for 2011-2013 will be presented/discussed at the seminar.
- RFBR initiates **not less than 2 proposals** from Russian researchers (supported by RFBR) for assistance in **participation of EU ICT brokerage event** aimed to find the EU partners. ISTOK-SOYUZ will provide assistance for 2 applicants under conditions of following ISTOK-SOYUZ requirements.
- RFBR and ISTOK-SOYUZ will elaborate **terms of reference (ToR)** for preparation of the call documentation and the expert selection model of the projects for ISR- FP7.
- ISTOK-SOYUZ will provide (in the framework of preparation of general recommendations for EC on EU-RF cooperation in ICT) **recommendation to take into consideration RFBR initiative (specific call for proposal to support oriented R&D with potential for future FP7 cooperation projects)** as a tool for further development of cooperation between RF and EC in ICT sphere.
- The parts also intend to present the intermediate results of cooperation at ICT-2010 (Brussels, September, 2010).


#### 4. Instruments of realization and coordination

- The present Memorandum will be realized by working out of the joint plan of actions with detailing of content of actions described in item 3.
- Preparation of the plan of actions and coordination will be realized by:  
From RFFR: Tsyganov Sergey Alekseevich (tel., ...)  
From ISTOK-SOYUZ – Russian Technologies Transfer Network: Yanovsky Anton Eduardovich (...)

Signatures

231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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### 5.3. Annex 3 – Example of Letter on cooperation



01 марта 2010 г.  
София-Антиполис, Франция

[О сотрудничестве с проектом  
Европейского Союза ISTOK-SOYUZ]

Президенту Академии наук  
Туркменистана  
Мезилову Г.А .

Глубокоуважаемый Гурбанмырат Амангулыевич!

1 января 2009 года стартовал новый международный проект «Технологии информационного общества для открытого знания в странах Восточной Европы и Центральной Азии» (ISTOK-SOYUZ). Цель проекта - выявление новых возможностей научного сотрудничества стран Европейского Союза, Восточной Европы и Центральной Азии (Eastern Europe and Central Asia - EECA) в области **информационно-коммуникационных технологий**.

Подробную информацию о проекте Вы сможете найти в приложенном буклете и на сайте [www.istok-soyuz.eu](http://www.istok-soyuz.eu)

Одной из задач проекта ISTOK-SOYUZ является оценка потенциала и предварительная идентификация возможностей для развития научно-технического сотрудничества в ИКТ-сфере между странами Средней Азии – Киргизстаном, Таджикистаном, Туркменистаном, Узбекистаном и странами и Европейским Союзом.

В 2009 г. команда проекта провела экспресс-диагностику (аналитическое исследование) потенциала научно-технического сотрудничества между указанными странами Средней Азии и ЕС в сфере ИКТ. В числе общих выводов, характерных для всех 4 стран, следует отметить следующие:

- во всех странах реализуются **государственные программы по развитию информационной инфраструктуры** (в частности такие инициативы как e-government, e-business и т.д.). И в этой сфере существует интерес к развитию международного сотрудничества по внедрению современных ИКТ технологий и решений.
- в отдельных отраслях экономики существуют **ИКТ-задачи, которые требуют проведения научных исследований и разработки технологий/решений** (например, дистанционный контроль в сфере добычи/транспортировки газа, дистанционная медицина).
- существует интерес со стороны специалистов и ученых, выполняющих исследования в области ИКТ, к развитию сотрудничества с партнерами из ЕС, в т.ч. в рамках совместных проектов 7 Рамочной Программы ЕС (FP7).
- существует недостаток информации о правилах и возможностях по участию в 7РП для исследователей из стран Средней Азии, а также поддержки (услуг) по поиску партнеров в ЕС.

С другой стороны, европейские исследователи слабо информированы о потенциальных партнерах из Средней Азии. Частично это связано с тем, что научные коллективы, специализирующиеся в ИКТ, недостаточно представлены в сетевых сообществах, соответствующих базах данных (например, на разработанной проектом базе ИКТ – специалистов - платформе компетенций ISTOK-SOYUZ).

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231665	ISTOK-SOYUZ	D2.3b. Final report about networking and liaison activities with stakeholders
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Проект ISTOK-SOYUZ предлагает Вам, как одному из ключевых лиц, принимающих решения, рассмотреть возможность реализации в 2010 г. совместных мероприятий, которые нацелены на расширение возможностей ИКТ-сотрудничества исследователей из Вашей страны с партнерами из ЕС в рамках 7РП. Такими мероприятиями могли бы быть следующие:

- **организация в рамках национальной конференции в Туркменистане** (включающей тематику информационно-коммуникационных технологий) **специальной презентации**, ориентированной на представление приоритетных направлений ИКТ программы 7РП, возможностей по участию ней коллективов из стран Средней Азии, а также механизмов поиска партнеров.
- **распространение, при Вашем содействии, среди ИКТ-специалистов вашей страны специального руководства по участию в 7РП**, подготовленного в 2009 г. «Участие в научно-исследовательских программах Европейского Союза по информационно-коммуникационным технологиям. Практическое руководство». (электронную версию руководства можно скачать здесь: <http://www.istok-soyuz.eu/index.php/news/114-training-guide-qgetting-started-with-the-eu-ict-researchq-published-in-russian>)
- **запланировать участие Ваших представителей в конференции ICT-2010** ([http://ec.europa.eu/information\\_society/events/ict/2010/index\\_en.htm](http://ec.europa.eu/information_society/events/ict/2010/index_en.htm)), которое является крупнейшим европейским мероприятием, где обсуждаются современные тенденции развития ИКТ. Там же будет представлена очередная Рабочая программа Европейского Союза по ИКТ на 2011-2013 гг.
- **организация регистрации представителей ИКТ-команд из Вашей страны на платформе компетенций ISTOK-SOYUZ** (<http://www.istok-soyuz.eu/index.php/competence-platform>). Это позволит лучше представить кооперационный потенциал для потенциальных европейских партнеров.
- **распространение информационного письма проекта ISTOK-SOYUZ**. Это письмо может быть полезно для ИКТ-специалистов, которые намерены принять участие в проектах 7РП. Они смогут получать актуальную информацию о конкурсах, тенденциях, мероприятиях, «историях успеха». Первые 2 выпуска доступны здесь: <http://www.istok-soyuz.eu/index.php/project-publications/newsletters>. Мы можем самостоятельно организовать рассылку этого письма, если Вы сообщите нам список рекомендуемых адресатов и их контактные данные.

Для согласования плана возможных совместных акций прошу Вас до 30 марта 2010 г. прислать Ваши предложения на адрес электронной почты: [s.klessova@inno-group.com](mailto:s.klessova@inno-group.com)

С надеждой на сотрудничество,

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