

Deliverable Title **D1.4– Report on ICT priorities for WBC**

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Abstract This deliverable deals essentially with the Western Balkan countries' priorities for research and development in the ICT field in the context of the Seventh Framework Programme. For the purpose of defining priorities, a consultation process was conducted. This report presents the key findings of that consultation process and it recommends certain measures to be taken by the Western Balkan countries.



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Versioning and Contribution History

Version	Date	Modification reason	Modified by
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EXECUTIVE SUMMARY

The current deliverable presents the outcome of the consultation process conducted within the WINS-ICT project and it especially elaborates the identified priorities for Western Balkan countries' research organisations' participation in the Seventh Framework programme.

The whole consultation process, which had three parallel phases and aimed at assessing both ICT priorities and barriers in the WBC, was carried out during April, May and June 2010 and it included 150 participants.

Regarding the priorities, the main aim of that part of the consultation process was to update and potentially upgrade the priorities established within the SCORE project. Accordingly, the same methodology and terminology as in the previous project was used.

The findings of the current study show that several changes occurred in the previous two years, but none of them changed completely the picture in the region. For instance, the most common priority during the SCORE project was ICT for Government and e-Government, and now the interest for this field has decreased and it's ranked as the 4th highest priority in the Western Balkans.

The results of the consultation process led to several conclusions that were thoroughly discussed with ICT experts. The main conclusion that can be drawn is that the landscape of the priorities hasn't changed a lot and this conclusion will be further elaborated in this report.

Many of other conclusions are related to the necessity of building the Western Balkans' joint research community. The majority of consulted researchers have agreed and recommend establishing of a joint researcher's community with responsibility for coordinating regional FP related activities and information. A future community of the Western Balkan researchers might be the platform for future development of the ICT field in this region since the majority of priorities are same for all WBC.

1 INTRODUCTION

The WINS-ICT project aims to strengthen cooperation between the EU and Western Balkan countries and to promote the participation of WBC ICT research actors in FP7. For the purpose of strengthening that cooperation, the WINS-ICT has dedicated part of its activities and efforts to establishing the Western Balkan researcher's priorities, needs and barriers in order to foster their better participation in the Seventh Framework Programme

This deliverable deals essentially with the Western Balkan countries' research organizations' priorities for research and development. As described in the WINS-ICT contract in the Description of Work section, the main goal of the task 1.2, within which the whole barrier and priority setting process was undertaken, is to continue the activities already started by the SCORE¹ and WBC-INCO.NET² projects. The continuation of the earlier activities relies on re-evaluation and validation of previous results and conclusions of the SCORE consultation process. The SCORE project has identified the following priorities as the most common for the Western Balkan countries: ICT for Government and e-government, ICT for Enterprises and e-business, Internet and Broadband Technologies, ICT for Learning and e-learning, ICT for Health and e-health and Software Engineering.

To that end, a thorough analysis of the most crucial barriers and above mentioned ICT priorities per country has been carried out, with special focus on

- actual needs of WBC research organisations
- readiness of WBC researchers to participate in the Seventh Framework Programme and
- future potential of WBC research organisations

The term **“actual needs”** here stands for previously, within the SCORE project, used “attractiveness”, in order to demonstrate the approach adopted for the consultation process. Namely, during the consultation phase which took place through a series of workshops, ICT experts not only discussed about the needs that exist in their researchers' communities, but they were also considered those needs as a framework for defining the attractiveness for certain ICT research fields.

The **“level of readiness”** for a given research system presents its capacity, both in terms of infrastructure and human resources. The future potential is explored through recommendations about the necessary steps to be taken by national and EU administrations.

Following the consultation process, which will be described in detail later in this document, a specific comparative evaluation of the Western Balkan ICT barriers and priorities has been conducted, in order to come up with those that are most suitable for joint research collaboration between the Western Balkans and European Union in the context of the Seventh Framework Programme.

¹ The SCORE project <http://www.score-project.eu/>

² The WBC-INCO.NET project <http://wbc-inco.net/>

2 RESEARCH METHODOLOGY

Among the WINS-ICT objectives is the consolidation of Western Balkan countries' regional cooperation priorities and improvement of research capabilities in ICT in the context of the Seventh Framework programme. In order to fulfil this objective, a consultation process about barriers and priorities for better WBC participation in the Seventh Framework Programme, was considered to conduct.

This particular chapter describes this process which consists of three phases

- **the one** during which an online survey was conducted,
- **a phase** throughout which, six workshops in Western Balkan countries were held, and
- **a phase** which was dedicated to the evaluation of the results of the previous 2 phases.

Those three phases aren't separated and they run in parallel. For example, researchers from FYR of Macedonia were invited to participate in the online survey and a week after they also participated in a workshop during which the previously gathered results were discussed. The same procedure was followed for each and every Western Balkan country.

The online survey phase was focused on the Western Balkan countries' ICT community barriers for better cooperation and research and development priorities. The survey questionnaire consisted of 29 questions and it was disseminated via Western Balkan WINS-ICT partner's mailing lists, the WINS-ICT portal and direct e-mails. This particular questionnaire is included in Annex 1 of this document.

Regarding the questionnaire, it ought to be mentioned that its content was created in cooperation between two project partners, ZSI and BOS, and that the main aim of the questionnaire was to identify the main research priorities which were then discussed later during the workshops. The questionnaire was divided into five parts. The first part of it consisted of several questions about researchers and the organisations they represent, as well as contact persons that could be used in future dissemination activities for the purpose of the WINS-ICT project.

Other parts of the questionnaire dealt with:

- previous experience stemming from EU funded programmes,
- fields of expertise and,
- barriers for better cooperation within FP7 as well as
- research priorities for the organisations participation in FP7.

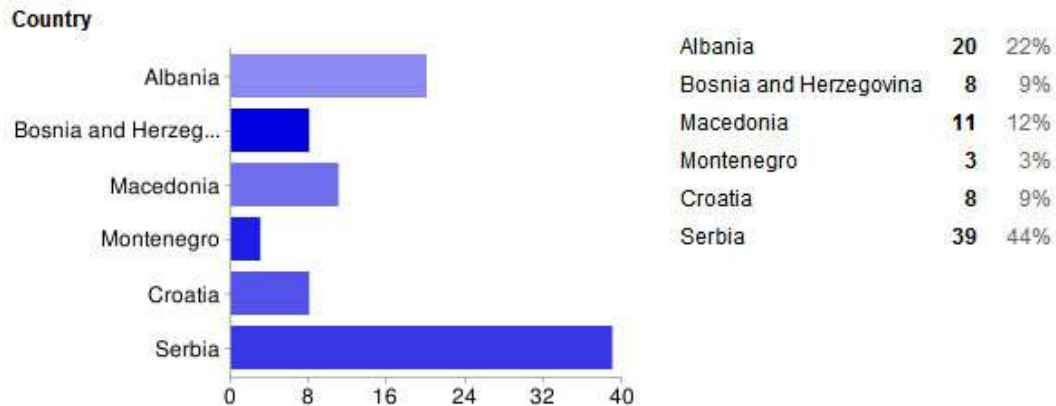
It is also important to mention that the technical platform for the online survey which was decided to be used came from Google, chiefly because of its easy data-processing capabilities

The online questionnaire was filled in by 90 researchers from Western Balkan countries. Out of the total number of respondents, 39 were from Serbia, 11 from Former Yugoslav Republic of Macedonia, 20 from Albania, 8 from Bosnia and Herzegovina, 3 from Montenegro and 8 from Croatia. Considering the survey parameters, it is important to mention that the questionnaire was uploaded on the WINS-ICT web-site in the third week of April 2010, and

that it was accessible for seven weeks. During that period approximately, 12 respondents per week filled it in.

The second phase of the consultation process involved 6 Priority and Barrier Setting Workshops held in Western Balkan countries in April, May and June 2010. The workshops were held in the following order: *Skopje April 21st, Belgrade May 13th, Podgorica May 18th, Tirana May 20th, Zagreb May 31st, Banja Luka June 1st.*

Chart no. 1 : Number of subjects per country:



During the workshops, ICT experts from the Western Balkan countries that participated in the online survey discussed the barriers and priorities for the successful participation of Western Balkan researchers in the Seventh Framework Programme. The list of the ICT experts that were involved in this phase of the consultation process is included in Annex 4 of this deliverable. It is of utter importance to underline the fact that the majority of ICT experts involved in this phase of the consultation process was also included in a similar consultation process conducted in the context of the SCORE project. It is worth mentioning that not only the same methodology as in the SCORE project was used, but also the same experts were consulted in order to gain valid insight regarding the progress and the current state of affairs in the WBC ICT scene.

During the third phase a concluding evaluation process was undertaken valorising the information and insight that have been acquired during the other two phases.

Besides, the results of the first step were further discussed during the workshops of the other phase, leading to several conclusions and important recommendations.

3 KEY FINDINGS

This section presents the identified priorities based on the online survey and the discussions based upon them, which seem to be preventing the successful participation in the Seventh Framework Programme as well as the ICT priorities for the Western Balkan countries.

This section is also a follow up of the work done during the SCORE and the WBC.INCO-NET projects attempting to re-evaluate the then identified barriers and priorities.

All results are being presented in the following chapter beginning with information about the respondents and participants of the workshop.

The key finding **regarding the ICT R&D priorities** is that the main priorities which were established in the context of the SCORE project, for instance, ICT for Government and e-government, ICT for Enterprises and e-business, Internet and Broadband Technologies, ICT for Learning and e-learning, ICT for Health and e-health and Software Engineering, remain the same. The explanation of that can be found in the fact that the same ICT experts that were consulted both in the SCORE and the WINS-ICT consultation processes, after two years still have the same strong opinion on what ICT priorities are the most important. According to the results, there are only two ‘new’ priorities

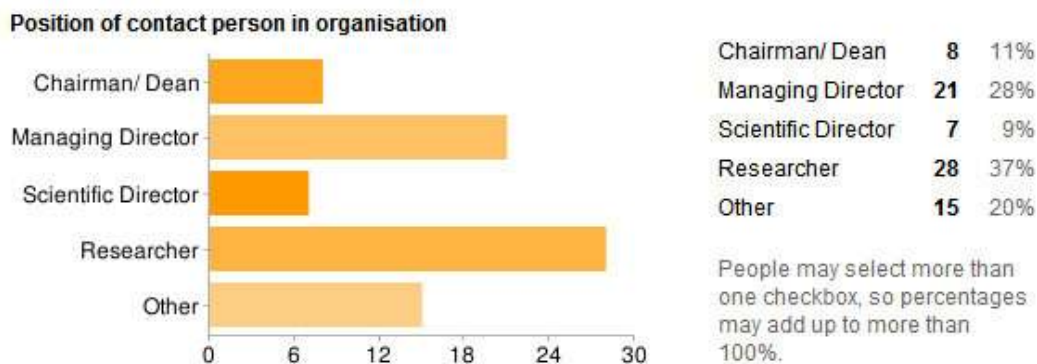
- Digital Libraries and
- Content and Knowledge Technologies

Those two priorities weren’t highly ranked in the context of the SCORE project. This new finding can be explained by the fact that these fields are very popular amongst EU researchers, as well.

3.1 Respondents’ profiles

Considering the respondent’s position in the research community, 32% of them are Managing directors in their organizations, 20 % are researchers, 17% are among scientific directors, 11% are on the position of Chairman or Dean of Faculty, and 20 % of respondents ticked the “Other” box.

Chart no. 2 – Respondents’ position in the research community:



Regarding the type of organizations that participated in the interview, the analysis indicates that 37 % belong to Higher education organisations, 28% are from Industry and the same percentage represent Research organisations.

71% of organisations that participated in the consultation process had previous experience in international projects, and out of the total number of them, 41% had experience in FP6 and FP7 projects.

Considering the main source of financing, organisations which were included in the priorities and barriers setting process, 50% ticked the “Government – not competitive” box. Out of the total number of organisations, 18% belong to private sector, 10% use EU funds for the main financing, and the rest of them are on project basis related link to the national budgets NOT CLEAR (Government – competitive).

Data and information about researchers that were involved in the consultation process can be very useful for cross-reference analysis of the current state of affairs in Western Balkan research communities. Respondents’ profiles in the form of descriptive statistics of respondents are included in Annex 2 of this document.

3.1 Priorities

During the consultation process held in the context of the WINS-ICT project, the main aim was revising and updating the priorities identified in the SCORE project. Besides, the priorities in question are those for which Western Balkan research communities have the appropriate readiness, which translates to suitable human and technical capacities as well as scientific interest and infrastructure.

In order to be ranked as priority, the research field needed to be marked as a field of great attractiveness and great readiness, at the same time.

Considering the fact that the main goal of this consultation process was to re-evaluate the priorities established during the SCORE project, the same methodology and terminology was used as in the SCORE as it is illustrated below. In fact, during the WINS-ICT survey and consultation process the same set of ICT R&D priorities has been used as during the previous project.

According to the surveys conducted within SCORE project, the ICT research fields with a high level of attractiveness and high level of readiness in Western Balkans were:

- ICT for enterprises and e-business,
- ICT for learning and e-learning,
- ICT for government and e-government,
- ICT for Health and e- health,
- Software Engineering and
- Internet & Broadband Technologies.

Those priorities were broadly accepted by workshops participants as reflecting the actual ones of all Western Balkan countries and therefore, considered as common priorities for the whole region.

Beside those priorities, new ones were also elaborated during the consultation process. Namely, “*Digital Libraries and Content*” as well as “Knowledge Technologies” are represented more than 24% of respondents’ answers.

Table no. 1 - ICT priorities for Western Balkan countries

ICT regional research priorities defined during the SCORE project	Percentage of ICT experts who indicated the ICT area still as a top priority.
ICTs for Government and e-Government	24%
ICTs for Enterprises and e-Business	38%
Internet and Broadband Technologies	19%
Software Engineering	24%
ICTs for Learning and e-Learning	29%
ICTs for Health and e-Health	18%
Mobile Technologies	21%
ICTs for Agriculture	11%
Digital Content and Digital Libraries	24%
Distributed Systems	14%
Embedded and Pervasive Systems	12%
Network Technologies	20%
Knowledge Technologies	24%
Other	4%

By ranking those priorities according to the **level of attractiveness and readiness**, it is possible to provide an analysis of the current interest of the research organisations in the region of Western Balkan. By comparing countries’ priorities with each other it can be **concluded** that several of above mention priorities, for instance, ICT for Enterprises and e-Business or ICT for Learning and e-Learning, can be used as an integration factor to EEC funded research and eventually improve cooperation among the various Western Balkan research communities.

ICT for Enterprises and e-Business, as it easily can be noticed, is the most common priority for all Western Balkans and can be considered as being suitable for joint research collaboration within above mentioned research communities, and between them and the European Union.

The results of the survey show that priorities remain the same in the past two years. The situation is slightly different regarding **ICT for Government and e-Government**. During the previous projects this was the field of the greatest interest, but now, only 24% of respondents ranked this priority as the most important.

If only the **factor of attractiveness** is taken into consideration, results are a little bit different. It is very important to emphasise the fact that the main priorities which were established in the

context of the SCORE project remain the same in this data set. Changes that can be noticed are to be explained by the development of Information Society in these countries and by the improved researchers' experience.

Table no. 2 - Priorities evaluated by the participating Western Balkan ICT experts and researchers:

ICT priority	Lowest attractiveness and readiness	Lower attractiveness and readiness	Middle attractiveness and readiness	High attractiveness and readiness	Highest attractiveness and readiness
ICTs for Government and e-Government	22%	15%	23%	16%	24%
ICTs for Enterprises and e-Business	20%	17%	11%	14%	38%
Internet and Broadband Technologies	8%	10%	30%	17%	35%
Software Engineering	3%	15%	35%	17%	30%
ICTs for Learning and e-Learning	7%	12%	22%	33%	26%
ICTs for Health and e-Health	7%	8%	19%	33%	32%
Mobile Technologies	5%	15%	24%	28%	27%
ICTs for Agriculture	7%	21%	30%	27%	15%
Digital Content and Digital Libraries	4%	11%	38%	23%	23%
Distributed Systems	1%	19%	41%	21%	18%
Embedded and Pervasive Systems	3%	19%	39%	29%	10%
Network Technologies	3%	13%	33%	23%	28%
Knowledge Technologies	3%	10%	32%	26%	30%

Table no. 3 - Comparison between ICT regional research priorities as identified during the WINS-ICT project and Challenges as defined in the Work Programme for 2011-2012

ICT regional research priorities	Percentage	Challenge
ICTs for Government and e-Government	24%	ICT for Health, Ageing Well, Inclusion and Governance
ICTs for Enterprises and e-Business	38%	ICT for the Enterprise and Manufacturing
Internet and Broadband Technologies	19%	Pervasive and Trusted Network and Service Infrastructures
Software Engineering	24%	Pervasive and Trusted Network and Service Infrastructures
ICTs for Learning and e-Learning	29%	ICT for Learning and Access to Cultural Resources
ICTs for Health and e-Health	18%	ICT for Health, Ageing Well, Inclusion and Governance
Mobile Technologies	21%	Pervasive and Trusted Network and Service Infrastructures
Digital Content and Digital Libraries	24%	Technologies for Digital Content and Languages
Distributed Systems	14%	Alternative Paths to Components and Systems
Embedded and Pervasive Systems	12%	Alternative Paths to Components and Systems
Network Technologies	20%	Pervasive and Trusted Network and Service Infrastructures
Knowledge Technologies	24%	ICT for Learning and Access to Cultural Resources
Other	4%	N/A

Annex 1 - Priority questionnaire

The WINS-ICT “Western Balkan Countries Inco-Net Support in the field of ICT” is an initiative funded by the EC 7th Framework Programme for Research and Technological Development under the ICT theme of the Cooperation Programme. The WINS-ICT intends to strengthen S&T cooperation between the EU and the Western Balkan countries and, in order to fulfil that intention, shall identify the main ICT priority research fields for the Western Balkan area.

This questionnaire is aimed at defining the key ICT research priorities for which your country has not only a special interest but also the capacity for international cooperation with focus on FP7 - ICT programme. Thank you for providing your answers!

Name of Legal entity

Address of organisation

Country

Website of Organisation _____

E-mail of Organisation _____

Name of contact person _____

E-mail of contact person _____

Position of contact person in organisation

- Chairman
- Managing Director
- Scientific Director
- Researcher

Other _____

E-mail address of contact person _____

Telephone number of contact person _____

Type of organisation

- Higher Education
- Researcher
- Industry
- Other _____

Legal status of organisation

- Governmental
- International Organisation
- Joint Research Centre
- Public Commercial Organisation
- Private Commercial Organisation
- Non-profit Organisation
- University

For your organisation, what is the main source of financing of leading projects?

- Governmental –not competitive
- Government – competitive
- Private Companies
- EU Programs
- Other _____

Experience in international projects

- Framework Programme 6 (FP6) IST
- Framework Programme 7 (FP7) ICT

- Marie Curie/Mobility for Researchers Action
- Other FP6
- Other FP7
- Competitiveness and Innovation Programme (CIP)

Experience in submitting research proposal

- Framework Programme 6 (FP6) IST
- Framework Programme 7 (FP7) ICT
- Marie Curie/Mobility for Researchers Action
- Other FP6
- Other FP7
- Competitiveness and Innovation Programme (CIP)

From the ICT regional research priorities (as defined by the SCORE project/www.score-project.eu/) table below, please tick the ones that best describe the area of your research interest

- ICTs for Government and e-Government
- ICTs for Enterprises and e-Business
- Internet and Broadband Technologies
- Software Engineering
- ICTs for Learning and e-Learning
- ICTs for Health and e-Health
- Mobile Technologies
- ICTs for Agriculture
- Digital Content and Digital Libraries
- Distributed Systems
- Embedded and Pervasive Systems
- Network Technologies
- Knowledge Technologies

Which ICT priorities do you think are most important according to the level of attractiveness and readiness of your country?*

*In respect of a high level of attractiveness and high level of readiness

Please rank them according to your opinion (1. Lowest level of attractiveness and readiness; 2. Lower level of attractiveness and readiness 3. Middle level of attractiveness and readiness; 4. High level of attractiveness and readiness: 5. Highest level of attractiveness and readiness)

	1	2	3	4	5
ICTs for Government and e-Government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ICTs for Enterprises and e-Business	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet and Broadband Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Software Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ICTs for Learning and e-Learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ICTs for Health and e-Health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ICTs for Agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Digital Content and Digital Libraries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distributed Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Embedded and Pervasive Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Network Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Knowledge Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The current FP7 ICT programme names 7 challenges/areas of priority for research collaboration

Please rate the challenges as to their relevance and importance for your country and organisation (1=relevant 2=somewhat relevant 3=not so relevant 4=not relevant 5=N/A (Don't know/No reply))

	1	2	3	4	5
Challenge 1: Pervasive and Trustworthy Network and Service Infrastructures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Challenge 2: Cognitive Systems, Interaction, Robotics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Challenge 3: Components, systems, engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Challenge 4: Digital Libraries and Content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Challenge 5: Towards sustainable and personalised healthcare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Challenge 6: ICT for Mobility, Environmental Sustainability and Energy Efficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Challenge 7: ICT for Independent Living, Inclusion and Governance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In which challenges does your organization have research expertise in?

Please tick one or more as appropriate

- Challenge 1: Pervasive and Trustworthy Network and Service Infrastructures
- Challenge 2: Cognitive Systems, Interaction, Robotics
- Challenge 3: Components, systems, engineering
- Challenge 4: Digital Libraries and Content
- Challenge 5: Towards sustainable and personalised healthcare

- Challenge 6: ICT for Mobility, Environmental Sustainability and Energy Efficiency
- Challenge 7: ICT for Independent Living, Inclusion and Governance

What are the main hindering factors in your cooperation with partners from other Western Balkan countries? *Briefly describe those problems or situations*

What are the main hindering factors in your FP participation in ICT research field? *Briefly describe those problems or situations*

Generally speaking, according to your opinion, which are the most important obstacles in FP participation in ICT research field? *

Please choose from a list

- Lack of information on funding sources
- Lack of knowledge of project management
- Lack of funding programmes related to the expertise of your organization
- Lack of experts
- Bureaucratic procedures
- Lack of clear guidelines
- Other _____

Do you have any suggestions for improving those above mentioned situations?

Please do not hesitate to describe your suggestions

What is needed by you as a researcher in order to make a cooperation at regional and EU level more successful? Please do not hesitate to describe your suggestions

Briefly describe your fields of expertise

Which organizations in your country you cooperate with.

** Name a few of them*

-

What are their fields of expertise?

Briefly describe them

Key issues of interest

What are the key issues relating to FP7 your organisation would like to obtain further information on?

- How to obtain information on call for proposals
- How to form a consortium
- How to write a proposal
- Financial and administrative rules
- Other _____

Interest in receiving training on FP7 issues

- Yes
- No

Annex 2 –Descriptive statistic of respondents

Position of the contact person in organisation	Percentage
Chairman/ Dean	11%
Managing Director	32%
Scientific Director	17%
Researcher	20%
Other	20%

Type of organisation	Percentage
Higher Education	37%
Research	28%
Industry	28%
Other	14%

Legal status of organisation	Percentage
Governmental	36%
International Organisation	4%
Joint Research Centre	4%
Public Commercial Organisation	2%
Private Commercial Organisation	24%
Non-profit organization	10%
University	19%

The main source of financing	Percentage
Government – not competitive	50%
Government – competitive	9%
Private companies	18%
EU funds	10%
Other	13%

Annex 3 - Agendas of Priority and Barriers Setting Workshops

WINS-ICT Priority Setting Workshop

Wednesday, 21.04.2010, from 9:00 to 12:00 o'clock
Economic Chamber of Commerce, 3rd floor, hall 3

(St. Dimitrie Cupovski, no.13, Skopje)

AGENDA

8:30 – 09:00	<i>Registration</i>
	OPENING SESSION
09:00 – 09:15	Warm welcome on behalf of the WBC Partner and WINS ICT Project Coordinator - <i>Ms. Anita NIKOVA (MASIT) & Ms. Desiree PECARZ (ZSI)</i>
09:15 – 09:30	The WINS-ICT project and the Objectives of the day - <i>Ms. Desiree PECARZ (ZSI)</i>
	FIRST SESSION – Updating the ICT priorities for Macedonia
09:30 - 09:45	The ICT priority setting by SCORE and other initiatives - <i>Ms. Anita NIKOVA (MASIT)</i>
09:45 - 11:00	The actual ICT priorities in Macedonia and the WB region Discussion based on the WINS-ICT questionnaire - <i>Introduction to the Questionnaire and moderation of discussion by Ms. Jovana TRIPUNOVIC (BOS) and Ms. Desiree PECARZ (ZSI)</i>
11.00-11:15	Coffee Break
	SECOND SESSION – Identifying barriers to ICT research cooperation
11:15–12:30	Discussion based on the studies by SCORE and WBC-INCONET projects - - <i>Moderation by Ms. Desiree PECARZ, ZSI</i>

WINS-ICT Priority Setting Workshop

May 18th 2010

Department for Science, Research and Technological Development

Rimski trg bb, Podgorica, Montenegro

AGENDA

18. May 2010

11:50 - 12:00 *Registration*

OPENING SESSION

12:00 - 12:10 Warm welcome on behalf of the Ministry of Education and Science

FIRST SESSION

12:10 - 12:30 **Brief explanation of purpose of Workshop**
Presentation about list of priorities

12:30 - 13:00 **Presentation of the WINS-ICT questionnaire**
Going through WINS-ICT questionnaire

13:00 - 13:30 **Discussion about the results and their upgrade**

SECOND SESSION

13:30 - 14:00 **Discussion about barriers for better participation in FP7**

14:00 End of Workshop

- ❖ **Coffee** will be served during the Workshop
- ❖ **Lunch** will be organized for participants after the Workshop

WINS-ICT Priority Setting Workshop

Tirana, 20th May 2010, Hotel Mondial,

9.30-12.30

AGENDA

DATE 20th of May 2010

09:30 – 09:45 *Registration*

OPENING SESSION

09:45 – 10:00 Warm welcome on behalf of the WBC Partner *E. Muedini, Trenkwalder CIVET2000, Tirana*

FIRST SESSION

10:00 – 10:15 **Brief presentation of WINS-ICT project** *E. Muedini, Trenkwalder CIVET2000, Tirana*
Brief explanation of purpose of Workshop *E. Muedini, Trenkwalder CIVET2000, Tirana*

10:15 - 10:30 Presentation about SCORE list of priorities *E. Muedini, Trenkwalder CIVET2000, Tirana*

10:30 - 10:45 **Presentation of the WINS-ICT questionnaire aim and presentation of results from filling in the questionnaire so far** *J. Tripunovic BOS, Serbia*

10:45-11:30 **Discussion about the SCORE results and their upgrade from the last questionnaire** *J. Tripunovic BOS, Serbia*

SECOND SESSION

11:30-12:00 **Discussion about barriers for better participation in FP7** *J. Tripunovic BOS, Serbia*

INFORMATION SESSION

12:00-12:15 **New regional FP7 initiatives and opportunities for e-Infrastructure"** *Neki Frasher, Faculty of Information Technology of Polytechnic University of Tirana*

12:15-13.00 **Buffet**

WINS-ICT Priority Setting Workshop

May 31st 2010, Hall A,
Croatian Chamber of Economy, Rooseveltov trg 2, Zagreb

AGENDA

DATE

9:00 – 9:15 *Registration*

OPENING SESSION

9:15 – 9:30 Warm welcome on behalf of the WBC Partner

FIRST SESSION

9:30 – 10:15 Brief presentation of WINS-ICT project
Brief explanation of purpose of the Priority Workshop

10:15 – 10:30 Presentation about the WBC-INCO.NET list of priorities

10:30 – 11:30 Presentation of the WINS-ICT questionnaire
Going through WINS-ICT questionnaire

11:30 -12:00 Discussion about the WBC-INCO.NET project

SECOND SESSION

12:00 – 13:00 Discussion about barriers for better participation in FP7

WINS-ICT Priority Setting Workshop

Belgrade Open School, Masarikova 5/16

Belgrade, May 13, 2010

AGENDA

DATE 13th of May 2010	
09:30 – 09:45	<i>Registration</i>
	Workshop
09:45 – 10:00	Warm welcome on behalf of the Belgrade Open School
10:00 – 10:15	Brief presentation of WINS-ICT project <i>Jovana Tripunovic, BOS</i> Brief explanation of purpose of Workshop <i>Jovana Tripunovic, BOS</i>
10:15 - 10:30	Presentation about SCORE list of priorities <i>Jovana Tripunovic, BOS</i>
10:30 - 10:50	Presentation of the WINS-ICT questionnaire aim and presentation of results from filling in the questionnaire so far <i>Jovana Tripunovic, BOS</i>
10:50-12:00	Discussion about the SCORE results and their upgrade from the last questionnaire <i>Jovana Tripunovic, BOS</i>
12:15-13.00	Buffet

WINS-ICT Priority Setting Workshop

3rd June 2010, Innovation Centre Banja Luka (ICBL), Jovana Dučića 23a

AGENDA

3rd June 2010

10:30 – 11:00 *Registration*

OPENING SESSION

11:00 – 11:15 Warm welcome on behalf of the WBC Partner

FIRST SESSION

11:15 – 12:30 **Brief presentation of WINS-ICT project**
Brief explanation of purpose of Workshop

12:30 - 12:50 Presentation about SCORE list of priorities

12:50 - 13:30 **Presentation of the WINS-ICT questionnaire**
Going through WINS-ICT questionnaire.

13:30-14:00 **Discussion about the SCORE results and their upgrade**

SECOND SESSION

14:00-15:20 **Discussion about barriers for better participation in FP7**

Annex 4 - Participants of the workshops

Macedonia	Jovan Pehcevski	Faculty of Informatics, E.U.
Macedonia	Hristina Veljanovska	UKLO Bitola
Macedonia	Metodija Janceski	Institut of ICT -Faculty of natural science
Macedonia	Boris Mihajloski	Seavus
Macedonia	Kalina Trenevaska Blagoeva	Faculty of economics
Macedonia	Marina Mijoska	Faculty of economics
Macedonia	Vladimir Trajkovic	Faculty of electrical engineering and IT
Macedonia	Frosina Geceva Kocova	Makedonski Telekom
Macedonia	Vangel Ajanovski	Institut of ICT -Faculty of natural science
Macedonia	Margita Kon-Popovska	Institut of ICT -Faculty of natural science
Macedonia	Tedi Conevski	Neotel
Macedonia	Goran Poposki	KabTel
Macedonia	Petar Indovski	Gord Systems
Macedonia	Ljupco Despotovski	YES
Macedonia	Violeta Atanasovska	Ministry of education and science
Macedonia	Aneta Buckovska	Faculty of electrical engineering and IT
Macedonia	Kiril Minoski	USAID BEA
Macedonia	Anita Nikova	MASIT
Serbia	Veljko Milutinović	School of Electrical Engineering
Serbia	Vladan Devedzić	Faculty of Organisational Sciences

Serbia	Nikola Marković	IT Society
Serbia	Zoran Ognjanović	Mathematical Institute
Serbia	Nikola Denic	Haragei
Serbia	Marija Kujačić	National IT Agency
Serbia	Marjana Tasić	National IT Agency
Serbia	Zoran Marković	Mathematical Institute
Serbia	Miodrag Manić	Faculty of Mechanical Engineering
Serbia	Miroslav Trajanović	Faculty of Mechanical Engineering
Serbia	Svetlana Bogdanović	NCP
Serbia	Zeljka Dukić	Ministry of Science
Serbia	Vladimir Stanković	Ministry of Telecommunication and IS
Montenegro	Božo Krstajić	University of Montenegro
Montenegro	Biljana Stamatović	University Donja Gorica
Montenegro	Mirza Mulešković	Institut za strateške studije
Montenegro	Ivan Lazarević	Ministry for IS
Montenegro	Bojana Bajić	Ministry for IS
Montenegro	Tomislav Milić	Chamber of commerce
Montenegro	Igor Radusinović	Faculty of Electronic Engineering
Montenegro	Darko Kovačević	Ministry of Education & Science
Montenegro	Radovan Rutešić	Ministry of Education & Science
Montenegro	Saša Ivanović	Ministry of Education & Science
Albania	Neki Frasheri	University Polytechnic of Tirana

Albania	Albana Shehu	University Polytechnic of Tirana
Albania	Dhimitra Dardeli	University Polytechnic of Tirana
Albania	Thoma Kero	G.T.Z
Albania	Ljudmilla Hoxha	University Polytechnic of Tirana
Albania	Mirjam Jaupi	ALBINVEST
Albania	Sokol Haxhiu	ICT Consultant
Albania	Kilta Mele	University Polytechnic of Tirana
Albania	Agim Kasaj	European University of Tirana
Albania	Pellumb Qosey	ALBINVEST
Albania	Eranda Ymerali	Trenkwalder CIVET 2000
Albania	Edlira Muedini	Trenkwalder CIVET 2000
Bosnia	Miroslav Radinkovic	Agency for IS of Republic of Srpska
Bosnia	Gordana Radic	College of Information Technologies
Bosnia	Nedim Smailovic	College of IT Management
Croatia	Ebonita Curkovic	NCP
Croatia	Snjezana Knezic	Faculty of Civil Engineering