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D2.6. Report on Conference in Chile

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1. EXECUTIVE SUMMARY

This report describes the International Conference called "Challenges for ICT Innovation" and was held in Santiago de Chile on 7th and 8th June.

The International Conference was an opportunity for scientific and political dialogue to bring together representatives from the industry, government and national research, with the aim of exploring and proposing instruments, mechanisms and strategies to foster collaboration in R+D+i in the field of ICT with the European Union.

In this event, leading European and Latin American experts discussed common issues between Europe and Latin America and the Caribbean to enhance collaboration in R+D+i in ICT between the two regions.

The conference "ICT Challenge for Innovation" has been the result of collaborative work from three projects financed by FP7 (CHIEP II, **FORESTA** and EULARINET). These projects designed the conference like a joint opportunity for the ICT community from Chile, Latin-America and Europe in order to enhance the coordination of policy initiatives, develop a common vision and create strategic cooperation schemes and pilot activities of the Joint Initiative for Research and Innovation.

The CHIEP II project (Strengthen Chilean European S&T Partnerships) is implemented by CONICYT and its aim is to promote and increase the participation of Chilean researchers in the Seventh Framework Programme in order to maximise cooperation in Science and Technology and Innovation between the European Union and Chile. The FORESTA project (Fostering the Research Dimension of Science and Technology Agreements) is implemented in Chile by ProteinLab UTEM. Its objective is to promote political dialogues to strengthen research cooperation in the field of ICT between Latin America and the European Union. In turn, CONICYT participates as a Chilean partner in the EULARINET project (European Union - Latin American Research and Innovation NETWORKS), which is aimed at strengthening bi-regional dialogue in Science and Technology between some member states of the European Union and associated states of Latin America, at a political, programmatic and institutional level.

The conference has had more than eighty national and international experts attended the "ICT Challenges for Innovation" conference, which was held in the Plaza San Francisco Hotel in Santiago of Chile on June 7th and 8th.

The total attendance at the conference in two days (7th and 8th June) was 162 people.

On the first day of the Conference (June 7th) was attended 84 people and the second day (June 8) was attended by 78 people.

The total number of participants at the Conference (7th and 8th June) was 87 people, of which 37.9% were international participants and 62% were national participants.

The first day the theme was focused in the actual situation of the cooperation between Europe and Latin America and the Caribbean and has been called **ICT for Innovation: Current Challenges**. The second day was designed to encourage the next steps, mechanisms and challenges for the cooperation between both regions. This day has been called **ICT for Innovation: Future Challenges**.

On the first day highlights the state of the art on ICT policies in the European Union and Latin America and the Caribbean is to be presented during the first day of the conference; the "Contextualization of the Cooperation between Europe and Latin America and the Caribbean";

“The Current Situation of the ICT Policies in Countries of The European Union and Latin America” and the work the five working groups formed in order to discuss mutual aspects to facilitate cooperation between both regions. These WGs, that take place in parallel, are meant to discuss the different needs for common ICT interest on both regions.

These workings groups are below described:

One working group, named MACHI that brought together key stakeholders from national ICT companies, ICT industry associations, universities and government agencies interested in enhancing cooperation with Europe. Most of these are key stakeholders that are involved in the MACHI Technology Platform.

Four thematic working groups that respond to four areas of mutual interest in cooperation between EU-LAC: ICT for health, ICT for social inclusion, Living Labs and Intelligent Transportation Systems. These four areas were determined by the Senior Officials ICT working group (SOM) set up in March, 2011. The aim of the four working groups is to explore different strategies for the development of collaborative pilot projects between Europe and Latin America and the Caribbean in the selected areas.

During the second day the theme was the future challenges for cooperation between European Union and Latin American and the Caribbean countries.

This day was structured in five sections: opening speeches, three panels, one round table, conclusions and closing. In this day highlighted “Importance of Strengthening the R+D+i Cooperation with the European Union”; “Future of the ICT Cooperation between Latin America, The Caribbean and European Union”; and “Success Cases in R+D+i”. This last panel is very important because prominent speakers, from the European and national research area, are convened to show to the audience concrete results and real high quality examples of the cooperation between different research actors in projects funded under the 7th Framework Programme.

Finally, the Conference is to be closed by a bilateral Chile-European Union round table on “Strategies for Enhancing the R+D+i cooperation in ICT among Chile and the EU” in order to analyse the national situation regarding cooperation in the ICT area with Europe and assess various actions to enhance collaboration in ICT R+D+i in the short and medium term.

One of the major impacts is that the results achieved and actions proposed at the conference make up one of the key inputs for the meeting of Senior Officials Working Group ICT Meeting (SOM) held on 09 June in Santiago de Chile.

The results from working groups of the Conference (ICT for social inclusion, ICT for health, Living Labs and Intelligent Transportation Systems) were discussed on 9 June 2011 in Santiago at the SOM working group ICT meeting, with the objective to develop ideas for pilot activities, funding and cooperation in the following areas before mentioned.

The Conference has allowed knowing the different opportunities for collaboration in the field of ICT, from the different EU funding instruments, as well as the success cases presented, which provided insights from a practical perspective the impact and scope for researchers and companies that participate in FP7.

The collaborative work of the three projects involved in organizing the Conference has allowed created a reflection and discussion space for identify common interests and opportunities that facilitate the development of pilot projects in the different areas of ICT addressed in the

conference.

From the national perspective, the conference has strengthened the idea that collaborative work in the ICT field between government, university and industry and has also reinforced the idea of the importance of ICT as a factor to development country.

From the perspective of government, the authorities present in the Conference have observed the advantages and opportunities for national development ICT, offered by the different EU funding instruments, which represents a breakthrough ICT to establish national mechanisms to promote the participation of researchers and companies in collaborative European projects.

Among the main conclusions of the roundtable participants we can emphasized that participants reinforced the need to work collaboratively between industry, academia and government for to ICT from becoming a key issue for the development of the country and in this sense, collaboration with Europe and participation in European financing instruments constitutes an opportunity that Chile, Latin America and the Caribbean should take advantage of.

The conference has strengthened the transverse interest of national stakeholders in the field ICT to involve them in the exploration of opportunities for R & D collaborative with Europe.

The joint work of the 3 projects FORESTA, EULARINET and CHIEP II funded by the FP7 has been fundamental to generating interest in key stakeholders of government, universities and industry to participate in the instruments of EU funding.

2. INTRODUCTION

FORESTA is a project dedicated to foster research cooperation between Latin America and the European Union in the field of Information and Communication Technologies (ICT). It will also provide advice, training, communication networks and shared knowledge in order to offer useful inputs to ICT policy decision makers. The project seeks to bring to the institutional level, a relevant and meaningful ICT research policy dialogue through activities or through analytical work on current research cooperation between EU and Latin America.

The FORESTA project considered in its Work Package No. 2 development conferences in each of the consortium partner countries, around the central concept of the project, that of giving policy dialogue a concrete research cooperation dimension.

The FORESTA conferences engaged the research communities by:

- **Informing** them about the Policy Dialogue;
- **Stimulating** their input to the Policy Dialogue (e.g. suggesting research themes which should be addressed primarily in international cooperation);
- **Encouraging contact** and the launching of collaborative projects with European counterparts.

This document describes the International Conference called "Challenges for ICT Innovation" and was held in Santiago de Chile on 7th and 8th June.

The International Conference was an opportunity for scientific and political dialogue to bring together representatives from the industry, government and national research, with the aim of exploring and proposing instruments, mechanisms and strategies to foster collaboration in R+D+i in the field of ICT with the European Union.

In this event, leading European and Latin American experts discussed common issues between Europe and Latin America and the Caribbean to enhance collaboration in R+D+i in ICT between the two regions.

The conference was organized in Chile for three projects CHIEP II, FORESTA and EULARINET, which are financed by the European Seventh Framework Programme, whose common goal is to promote political dialogue to encourage development of Science and Technology and research among Latin America and the European Union.

This opportunity for collaborative work between the three projects generated a enrich forum for debate about the political dimension of ICT research, due to the presence of various European, Latin American and National experts, which in turn allowed obtain concrete results of collaboration between researchers and political representatives from both regions.

To ensure the success of the conference was necessary to adapt the objectives of the conference to national interest reality, as well as to the interests pertaining to three organising projects of the conference: CHIEP II, EULARINET and FORESTA. So the goals proposed were:

To strengthen the cooperation in ICT between the European Union, Chile and Latin America and the Caribbean in order to promote the development of a policy dialogue involving various stakeholders from the industry, government and researchers and to discuss the challenges and opportunities for Latin America and the Caribbean and Europe in ICT in order to enhance the

coordination of policy initiatives, develop a common vision and create strategic cooperation schemes and pilot activities of the Joint Initiative for Research and Innovation.

This report presents a structure composed of five sections for describing all activities undertaken to achieve the aims and goals proposed at the conference.

The first section shows the planning and organization at the conference describing fully the different activities to the conference.

The second section presents the results of actions carried during the conference.

The third section presents in detail all the promotion and dissemination activities carried out before, during and after the conference that allowed obtain a call for high level .

The fourth section shows the performance indicators, as a summary of all actions undertaken in organizing the conference as well as to measure the impact achieved by this.

The fifth and final section discusses the qualitative impact of the conference and the ongoing actions as a result of the joint meeting of national stakeholders, Latin Americans and Europeans in this conference.

3. Planning and Organization of the Conference

3.1. Context of the Cooperation between Chile and European Union

The European Union and Chile have a long bilateral relation that began with a Cooperation Agreement signed in 1990. Since then, several cooperation agreements have been signed to strengthen political and economic relations between Chile and the European Union. In September, 2002, Chile and the European Union signed a Cooperation Agreement on Scientific and Technological Cooperation.

In the framework of the cooperation with the European Union, Chile actively participated in the last EU-LAC Summit that took place in May 2010 in Madrid, where it was established that Science, Research, Innovation and Technology would be one of the six thematic areas of the Action Plan of the Summit.

In order to strengthen the cooperation in S&T between Latin America and the Caribbean and the European Union, the new EU-LAC Joint Initiative for Research and Innovation was adopted. In the recent EU-LAC S&T Senior Officials Summit, held in Brussels in March 2011, the Roadmap for the implementation of the EU-LAC Joint Initiative for Research and Innovation was approved. In this instance, Senior Officials working groups on specific issues were created; one of them, in the area of ICT which is led by Chile. In turn, it was decided that the results of certain activities of the EULARINET project, as this conference, will serve as input for the Senior Officials working groups.

This Roadmap contains specific measures to find solutions at bi-regional level to important problems like the intelligent integration of Information and Communication Technologies (ICT) to achieve social inclusion in Latin America, the Caribbean and Europe.

Chile shares the presidency for the next EU-LAC Summit to be held in May 2012 in Santiago; the policy dialogue in ICT that will take place in the “ICT Challenges for Innovation” conference is part of the activities of the Joint Initiative for Research and Innovation.

In this context, on 7 and 8 June, 2011 was held in Santiago, Chile the International Conference “ICT Challenges for Innovation”, to strengthen ICT research and cooperation between Chile, Latin America, the Caribbean and the European Union.

3.2. Organisers of the Conference

The Conference was organized in Chile with the joint efforts of three projects CHIEP II (CONICYT), FORESTA (UTEM) and EULARINET, all funded under the Seventh Framework Programme of the European Union and which are aimed, among other, to promote the political dialogue in order to spur the development of Science and Technology and research between Latin America and the Caribbean and the European Union.

This joint effort was an opportunity initially proposed by FORESTA project to CHIEP II, and then joined by EULARINET thanks to the efforts of CONICYT.

The CHIEP II project (Strengthen Chilean European S&T Partnerships) is implemented by CONICYT and its aim is to promote and increase the participation of Chilean researchers in the Seventh Framework Programme in order to maximise cooperation in Science and Technology and Innovation between the European Union and Chile. The FORESTA project (Fostering the Research Dimension of Science and Technology Agreements) is implemented in Chile by ProteinLab UTEM. Its objective is to promote political dialogues to strengthen research cooperation in the field of ICT between Latin America and the European Union. In turn, CONICYT participates as a Chilean partner in the EULARINET project (European Union - Latin American Research and Innovation NETWORKS), which is aimed at strengthening bi-regional dialogue in Science and Technology between some member states of the European Union and associated states of Latin America, at a political, programmatic and institutional level.

Collaboratively, these have decided to organise the “*ICT Challenges for Innovation*” conference to boost national and regional policy dialogue in the search and analysis of tools, mechanisms and strategies that may encourage and strengthen the Chilean and Latin American participation in the various European funding instruments for research and development in the field of ICT.



Figure 1 – Scheme of results obtained from joint efforts between EULARINET, FORESTA AND CHIEP II.

3.3. Objectives of the Conference

The International Conference “ICT Challenges for Innovation” was an opportunity for scientific and political dialogue to bring together representatives from the industry, government and national research, with the aim of exploring and proposing instruments, mechanisms and strategies to foster collaboration in R+D+i in the field of ICT with the European Union.

In this event, leading European and Latin American experts discussed common issues between Europe and Latin America and the Caribbean to enhance collaboration in R+D+i in ICT between the two regions.

To ensure the success of the conference was necessary to adapt the design of the conference to national interest reality, as well as to the interests pertaining to three organising projects of the conference: CHIEP II, EULARINET and FORESTA.

3.3.1. General Objective

To strengthen the cooperation in ICT between the European Union, Chile and Latin America and the Caribbean in order to promote the development of a policy dialogue involving various stakeholders from the industry, government and researchers.

To discuss the challenges and opportunities for Latin America and the Caribbean and Europe in ICT in order to enhance the coordination of policy initiatives, develop a common vision and create strategic cooperation schemes and pilot activities of the Joint Initiative for Research and Innovation.

3.3.2. Specific Objectives

- To identify possible cooperation activities or pilot projects to be developed between the European Union, Chile and Latin America and the Caribbean.
- To identify possible financing methods for cooperation activities.
- To present and discuss about ICT public policies in Europe, Latin America and the Caribbean and Chile specifically.

3.3.3. Expected Results

- To bring together key stakeholders from the public sector, business and scientific community related to policies in ICT research and development in both regions.
- To develop a common vision between the public sector, business and scientific community to enhance cooperation in ICT research.
- To develop strategic cooperation schemes and pilot activities to be implemented in the EU-LAC Joint Initiative for Research and Innovation.

- To coordinate policy initiatives in priority areas defined by Chile and the European Union.

3.4. Conference Participants

To invite participants of the conference, organizing team made a list of essential stakeholders for a policy debate on the national and regional ICT research. These are as follows: [See annex N° 1]

- Government authorities
- Representatives of the European Commission and the European Delegation
- Political representatives from Latin America and the Caribbean
- National technology industry representatives
- National, Latin American and Caribbean and European experts and researchers linked to ICT

3.5. Agenda Description

In order to achieve the objectives, the conference has been held in two days; 7 and 8 June. The first day the theme was focused in the actual situation of the cooperation between Europe and Latin America and the Caribbean and has been called **ICT for Innovation: Current Challenges**. The second day was designed to encourage the next steps, mechanisms and challenges for the cooperation between both regions. This day has been called **ICT for Innovation: Future Challenges**.

3.5.1. Session 1, Tuesday 7 June 2011, ICT for Innovation: Current Challenges

The state of the art on ICT policies in the European Union and Latin America and the Caribbean is to be presented during the first day of the conference.

This day was structured in two sessions. The first session, to be held in the morning, is meant to introduce the three organising projects of the conference, to be followed by a section with presentations about the “Contextualization of the Cooperation between Europe and Latin America and the Caribbean”. After that, a panel will present “The Current Situation of the ICT Policies in Countries of The European Union and Latin America” with representatives from both regions.

The morning session ends with an introduction to the Working Groups (GW) to be developed in the afternoon session.

The second session, in the afternoon, is split into five working groups formed in order to discuss mutual aspects to facilitate cooperation between both regions. These WGs, that take place in parallel, are meant to discuss the different needs for common ICT interest on both regions.

The working groups will elaborate documents with proposals to enhance collaboration in R+D+i between Chile and Europe to be presented in the second day.

These workings groups are below described:

- One working group, named MACHI that brought together key stakeholders from national ICT companies, ICT industry associations, universities and government agencies interested in enhancing cooperation with Europe. Most of these are key stakeholders that are involved in the MACHI Technology Platform.
- Four thematic working groups that respond to four areas of mutual interest in cooperation between EU-LAC: ICT for health, ICT for social inclusion, Living Labs and Intelligent Transportation Systems. These four areas were determined by the Senior Officials ICT working group (SOM) set up in March, 2011. The aim of the four working groups is to explore different strategies for the development of collaborative pilot projects between Europe and Latin America and the Caribbean in the selected areas.

The expected results of the working groups are:

- The expected outcome of the MACHI working group is a national vision of the needs, concerns and proposals of the ICT community in Chile about the tools, strategies and mechanisms to enhance ICT research and collaboration between Chile and the European Union. The results will be submitted the following day to the national policy makers in

the round table called Chile-EU ICT Policy Dialogue “Strategies for enhancing the R+D+i cooperation in ICT between Chile and the EU”.

- The expected outcome of the four thematic working groups is to achieve a comprehensive vision regarding the development of joint projects in the four selected areas, to identify possible participants in the development of pilot projects and to prepare the meeting of the EU-LAC ICT Working Group to be held on 9 June 2011, where the possibilities of cooperation in the areas listed in the last SOM will be assessed.

3.5.2. Session 2, Wednesday 8 June 2011, ICT for Innovation: Future Challenges

During the second day the theme is the future challenges for cooperation between European Union and Latin American and the Caribbean countries.

This day was structured in five sections: opening speeches, three panels, one round table, conclusions and closing. The theme on the opening section is the “Importance of Strengthening the R+D+i Cooperation with the European Union” as a contextualization to the theme of this day. Then the panels were designed from a general discussion about future cooperation between EU-LAC to a specific proposals and challenges.

Therefore the first panel was called “Future of the ICT Cooperation between Latin America, The Caribbean and European Union”.

The second panel was called “Success Cases in R+D+i” [See annex N° 3]. This panel is very important because prominent speakers, from the European and national research area, are convened to show to the audience concrete results and real high quality examples of the cooperation between different research actors in projects funded under the 7th Framework Programme. It was conceived as a space to encourage the audience from the government, academic and industrial sides to participate in the research programs of the European Union.

The third panel, called “Proposals and Challenges for the Cooperation between Chile, Latin America, The Caribbean and The European Union”, will present the results of the five Working Groups held on the first day. This section was

Finally, the Conference is to be closed by a bilateral Chile-European Union round table on “Strategies for Enhancing the R+D+i cooperation in ICT among Chile and the EU” in order to analyse the national situation regarding cooperation in the ICT area with Europe and assess various actions to enhance collaboration in ICT R+D+i in the short and medium term.

3.6. The Conference Agenda

| Tuesday 7 June 2011 | |
|---|--|
| ICT for Innovation: Current Challenges | |
| 10:30 – 11:00 | Accreditation |
| 11:00 – 11:20 | OPENING Ilkka Heiskanen , Ambassador of Finland in Chile José Miguel Aguilera , President of CONICYT Luis Pinto Faverio , Chancellor Universidad Tecnológica Metropolitana |
| 11:20 – 11:35 | INTRODUCTION Mauro Bianchi , Coordinator of the FORESTA project María Ángeles Macías , Coordinator of the EULARINET project María Teresa , Coordinator of the European Union Programme – CONICYT |
| 11:35 – 11:55 | CONTEXTUALIZATION OF THE COOPERATION BETWEEN EUROPE AND LATIN AMERICA AND THE CARIBBEAN Claudia Geier , Cooperation Attaché, European Union Delegation in Chile Daniel Lupi , ICT Executive Officer, CYTED |
| 11:55 – 12:55 | Panel 1: CURRENT SITUATION OF THE ICT POLICIES IN COUNTRIES OF THE EUROPEAN UNION AND LATIN AMERICA María Lima Toivanen , Senior research scientist, Technical Research Center of Finland (VTT) Andrzej Rogulski , Deputy Director for International Relations, Ministry of Higher Education and Research, France Carlos González , President of the National Council for Scientific and Technological Research, Costa Rica Joana Varon Ferraz , Researcher, Centro de Tecnologia e Sociedade, Brasil |
| 12:55– 13:15 | INTRODUCTION TO THE WORKING GROUPS Héctor Torres , Coordinator FORESTA Chile, Director ProteinLab Universidad Tecnológica Metropolitana Astrid Waltermann , Coordinator of the European Union Programme – CONICYT |
| 13:15– 14:15 | Lunch |

14:15 – 16:15

WORKING GROUPS “ANALYSIS AND CHALLENGES FOR THE COOPERATION BETWEEN CHILE, LATIN AMERICA, THE CARIBBEAN AND THE EUROPEAN UNION”

ICT for Social Inclusion

Moderator: **María Lima Toivanen**, Senior research scientist, Technical Research Center of Finland (VTT)

Presentation: **Klaus Pendl**, Administrator International Relations, Information and Society and Media Directorate General, EC

Presentation: **Fernando Rojas**, Representative of the @LIS2 project, ECLAC

ICT for Health

Moderator: **Andrés Fernández**, Representative of the @LIS2 project, ECLAC

Presentation: **María Teresa Arredondo**, Director of Life Supporting Technologies, Universidad Politécnica de Madrid, Spain

Presentation: **Timo Korhonen**, Associate professor, Aalto University, Finland

Living Labs

Moderator: **Johanna Törnroos**, Science adviser, Academy of Finland

Presentation: **Giorgio Metta**, Researcher of the Istituto Italiano di Tecnologia (ITT), Genoa, Italy

Presentation: **Juha Saarnio**, Head of the Innovation Networks Group, Confederation of Finnish Industries (TBC)

Intelligent Transportation Systems (ITS)

Moderator: **Jorge Minteguiaga**, President of ITS Chile

Presentation: **Andrea Ricci**, Vice President Institute of Studies for the Integration of Systems (ISIS), Rome, Italy

Presentation: **Carmen La Gamba**, Coordinator of the Technological Association Committee in R+D+i,
ITS Argentina

Technology Platform in Future Internet – MACHI

Moderator: **Hugo Durney**, Research Director, Universidad Tecnológica Metropolitana

Presentation: **Luz Ledesma**, Coordinator FIRST project, Argentina

Presentation : **Giulio Ruffini**, CEO y CTO, STARLAB, Spain

16:15 – 16:30

Coffee break

16:30 – 18:00

Continuation of Parallel Working Group Sessions

19:30- 22:00

Brokerage Cocktail

Wednesday 8 June 2011

ICT for Innovation: Future Challenges

8:30 – 9:30

Accreditation

9:00 – 9:30

OPENING

IMPORTANCE OF STRENGTHENING THE R+D+i COOPERATION WITH THE EUROPEAN UNION

Jaime Perez Vidal, Head of the European Union Delegation in Chile

Jorge Atton, Undersecretary of Telecommunications SUBTEL (TBC)

9:30 – 10:10

Panel 1 : FUTURE OF THE ICT COOPERATION BETWEEN LATIN AMERICA, THE CARIBBEAN AND EUROPEAN UNION

FUTURE OF THE ICT EU-LAC COOPERATION, NEXT STEPS AND MECHANISMS

Klaus Pendl, Administrator of International Relations, Information and Society and Media Directorate General, European Commission

Nestor Bercovich, Representative of the @lis2 project, ECLAC

Conclusions

Moderator: **Paola Arellano**, Executive Director of Red Universitaria Nacional REUNA

10:10– 10:30

Coffee Break

10:30– 13:15

Panel 2: SUCCESS CASES IN R+D+i

EU Success Case: ROBOT ICUB PROJECT

Giorgio Metta, Senior Researcher of the Istituto Italiano di Tecnologia (ITT), Genoa, Italy

EU Success Case: STADIUM PROJECT, INTELLIGENT TRANSPORTATION SYSTEMS

Andrea Ricci, Vice President of the Institute of Studies for the Integration of Systems (ISIS), Rome, Italy

EU Success Case: HUMAN COMPUTER CONFLUENCE-HC2PROJECT

Giulio Ruffini, CEO and CTO of STARLAB, Barcelona, Spain

EU Success Case: EUROPEAN NETWORK OF LIVING LABS

Juha Saarnio, Head of the Innovation Networks Group, Federation of Finnish Technology Industries

Chilean Success Case : ENABLING VIRTUAL ACCESS TO LATIN-AMERICA SOUTHERN OBSERVATORIES (EVALSO) PROJECT

Paola Arellano, Executive Director of Red Universitaria Nacional REUNA

Questions

Conclusions

Moderator: **Luis Stein**, President of GECHS

| | |
|--------------|---|
| 13:15– 14:15 | Lunch |
| 14:15– 15:15 | <p>Panel 3: PROPOSALS AND CHALLENGES FOR THE COOPERATION BETWEEN CHILE, LATIN AMERICA, THE CARIBBEAN AND THE EUROPEAN UNION</p> <p>Representative per Working Group</p> <p>Conclusions and Future Steps</p> <p>Moderator: Astrid Waltermann, Coordinator of the European Union Programme – CONICYT</p> |
| 15:20 -16:50 | <p>Round Table “STRATEGIES FOR ENHANCING THE R+D+i COOPERATION IN ICT BETWEEN CHILE AND THE EU”</p> <p>Katherine Villaroel, Executive Secretary of CNIC</p> <p>Mateo Budinich, Executive Director of CONICYT</p> <p>María Teresa Marshall, Executive Director of CRUCH</p> <p>Víctor González, Sectoral and International Programmes Sub-Directorate, InnovaChile, CORFO</p> <p>Raúl Ciudad, President of ACTI</p> <p>Luis Stein, President of GECHS</p> <p>Alfredo Barriga, Executive Secretary, Secretariat for Digital Development, Chilean Government</p> <p>Klaus Pendl, Directorate General for Information Society and Media, European Commission</p> <p>Moderator: Marlen Eguiguren Ebensperger, Financial and Economic Editor, CNN Chile</p> |
| 16:50 – 7:10 | <p>CONCLUSIONS</p> <p>Héctor Torres, Coordinator FORESTA Chile, Director ProteinLab UTEM</p> <p>Astrid Waltermann, Coordinator of the European Union Programme, CONICYT</p> |
| 17:10 –17:30 | <p>CLOSING</p> <p>Ilkka Heiskanen, Ambassador of Finland in Chile</p> <p>Mateo Budinich, Executive Director CONICYT</p> |

4. Conference Results

The conference “ICT Challenge for Innovation” has been the result of collaborative work from three projects financed by FP7. They designed the conference like a joint opportunity for the ICT community from Chile, Latin-America and Europe.

More than eighty national and international experts attended the "ICT Challenges for Innovation" conference, which was held in the Plaza San Francisco Hotel in Santiago of Chile on June 7th and 8th.

The event was organized by projects CHIEP-II (www.chiep.cl), FORESTA (www.forestaproject.eu) and EULARINET (www.eularinet.eu). All these initiatives are supported by the Seventh Framework Program of the European Union (FP7) and they have the common aim to promote the policy dialogue to foster the development and cooperation in scientific and technological research between Latin America and Europe.

The event gathered European and Latin American ICT stakeholders and was attended by delegations of high representatives and experts from Finland, Spain, Italy, France, Mexico, Argentina and Brazil, among other countries.

4.1. Description of Venue

The Conference was held at the Hotel Plaza San Francisco in Santiago Downtown. The Hotel has all the necessary requirements for the national conference, like one conference room for the first and second day, and five meeting rooms for the parallel Working Groups. This Hotel is usually used for different agencies of government to develop conferences and meetings.



Figure 2 – Day 1, ICT for Innovation: Current Challenges. Conference room in Hotel Plaza San Francisco

4.2. Session 1, Tuesday 7 June 2011, ICT for Innovation: Current Challenges

The Conference was opened by three important personalities, who gave welcome words to the audience. The Ambassador of Finland in Chile, Mr. Ilkka Heiskanen, The President of CONICYT Mr. José Miguel Aguilera and The Foreign Director of Universidad Tecnológica Metropolitana (UTEM) Mr. Alejandro Velásquez.

After this, the conference objectives and expectations were introduced by the General Coordinators of the projects that promoted the conference (EULARINET, CHIEP II and FORESTA respectively). Ms. María Ángeles Macías (Spain) introduced the EULARINET perspective, after her, Ms. María Teresa Ramírez (CONICYT, Chile) made it on behalf of CHIEP II project. Finally, Mr. Mauro Bianchi (TESEO Sprl., Belgium), Coordinator of FORESTA project, presented the role and mission of this initiative towards EU-LAC Cooperation.



Figure 3 – Mateo Budinich, CONICYT

The first section called CONTEXTUALIZATION OF THE COOPERATION BETWEEN EUROPE AND LATIN AMERICA AND THE CARIBBEAN showed two presentations about the main advances about collaborative work and impact of cooperation between LATAM and Europe.

Mrs. Claudia Geier, Cooperation Attaché of European Union Delegation in Chile, presented "The International Dimension of the European Research Framework Programme". In her presentation was highlighted the integration of the international dimension is into all Specific Programmes, with a current budget over €53 billion. Mrs. Geier showed the state of participation of the third countries, and she gave a specific state about the ongoing BILATs Cooperation, encouraging increasing the common development cooperation between EU and LAC. [See annex N° 5].



Figure 4 – Claudia Geier, Delegation EU



The second speech was given by Mr. Daniel Lupi, Manager ICT area from CYTED, presented "Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo, CYTED". The second speech was given by Mr. Daniel Lupi, Manager ICT area from CYTED, presented "Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo, CYTED". He exposed about the objectives and specific part of CYTED, and also showed the increasing participation of projects in the ICT area, in the last four years.

Importantly CYTED is an instrument of cooperation at Iberoamerican level and which aims to strengthen the integration of scientific and technological community to promote an agenda of shared priorities for the region.

After these presentations, the first Panel called CURRENT SITUATION OF THE ICT POLICIES IN COUNTRIES OF THE EUROPEAN UNION AND LATIN AMERICA followed,

where different representatives from Brazil, France and Finland showed the best practices in the ICT Policies.

María Lima Toivanen, Senior research scientist of the Technical Research Center of Finland (VTT) presented “Finnish ICT Innovation Ecosystem”. In her presentation showed that the case of Finland has as principal keys a transformation into Knowledge based economy and an economic and industrial renewal, stressing the transition from a closed and regulated economy to free-market society, from technological follower to innovator, and from the coordination of the economy and production to coordination to knowledge production. It was highlighted that the technology industry is the most important sector in Finland with a 60% of total export and also count with an 80% of private sector in R&D investment. About the cooperation with other countries, Finland has like challenge strengthened the networks with institutions of innovation in the developing world.



Figure 6 – María Lima Toivanen, VTT

Afterward, Andrzej Rogulski, Deputy Director for International Relations, from Ministry of Higher Education and Research of France, presented “French Strategy for ICT”. Mr. Rogulski, talked about the importance of the Information, Communication and Nanotechnology as one of three main priorities of the French Strategy for Innovation and Research (2009). The four thematic areas for ICT are Infrastructures for Digital Society, Digital Engineering and Security, Digital Content and Interactions and Digital Contents. Also it's possible emphasize that the French model, count with the Competitiveness Clusters as a model that brings synergies and cooperative efforts between companies, research centers and educational institutions based on geographic area.



Figure 7 – Joana Varon Ferraz

Finally Joana Varon Ferraz, Researcher of the Centro de Tecnologia e Sociedade, Brasil presented “Policy Challenges to Foster ICT Innovations in Brazil”.

She presented the policies related to foster Science, Technology and Innovation in Brazil, indicating that investment in the last 4 years represents 1.62% of GDP, and also noted a significant increase in private sector investment in R & D 400% from 2006 to 2009. In the ICT area highlighted some challenges of national research system to increase the Proportion of engineers, Lack of exchange between University and companies, make more Innovative SMEs, and venture capital market.

Other Challenges of the Brazilian model in ICT are to Increase the access to ICT infrastructure (broadband connectivity) and the Access to Knowledge.

During the afternoon, the five working groups participated by the national and international experts around a five specific themes were carried out:

One working group, with different Chilean stakeholder in the field ICT, was met under the denomination National Technological Platform MACHI.

The other four working groups focused on the mutual ICT interest areas between Europe and LATAM. These areas were defined during the Senior Officials Meeting (SOM) in March 2011 in Brussels and are the following (see more details in point 4.4 for the results of WG's):

- a) ICT for Social Inclusion,
- b) ICT for Health,
- c) Living Labs and
- d) Intelligent Transportation System (ITS).



Figure 8 – Working Groups Sessions

4.3. Session 2, Wednesday 8 June 2011, ICT for Innovation: Future Challenges

The second day of the conference began with two presentations on opening section under the theme THE IMPORTANCE OF STRENGTHENING COOPERATION IN R&D WITH THE EUROPEAN UNION. This section was exposed by Mr. Jaime Pérez Vidal, Head of European Union Delegation in Chile and Mr. Alfredo Barriga, Executive Secretary of the Digital Development Secretariat (Ministry of Finance), Chile.



Figure 9 – Left, Mr. Alfredo Barriga, Right, Mr. Jaime Pérez Vidal

After the opening, began the first panel called ICT FUTURE COOPERATION BETWEEN LATIN AMERICA, THE CARIBBEAN AND THE EUROPEAN UNION, NEXT STEPS AND MECHANISMS which was attended by Mr. Klaus Pendl, Directorate General Information Society and Media, European Commission and Mr. Nestor Bercovich, Project @ LIS 2, ECLAC.



Figure 30 – Mr. Nestor Bercovich

Figure 21 – Mr. Klaus Pendl

Subsequently the second panel called **SUCCESS CASES IN R & D IN THE EU FRAMEWORK PROGRAMME** was developed, where leading initiatives funded by the Framework Programme were showcased. The aim of this panel was to present European and Chilean cases of successful ICT research projects.

In the first case of success Giorgio Metta, senior researcher at the Istituto Italiano di Tecnologia (ITT, Genoa), presented the ICUB project: the project, which aims to the development of a humanoid robot for cognitive research, exhibited the high levels of technological complexity that can be financed by European funds and showed the challenge for researchers and companies from various countries to achieve a common goal in multidisciplinary work groups.



Figure 42 – Giorgio Metta, Researcher of Istituto Italiano di Tecnologia (ITT)

The second case of success was the Stadium project. This is a project of Intelligent Transportation Systems which presented the main factors involved in a highly contingent issue in Europe and Latin America. The project director, Andrea Ricci presented the main aspects of the methodology of work in this area and how the results obtained during its development are applied in various scenarios, most notably the Olympic Games in 2012.



Figure 53 – Mr. Andrea Ricci, Researcher of STADIUM Project

This vision, presented from the field of ICT research, was subsequently complemented by the experience of a private company that is actively involved in the EU Framework Program. STARLAB is a Spanish company that is characterized by its highly developed R & D. The STARLAB director, Giulio Ruffini explained about the company's experience in the Framework Programme and the



Figure 64 – Mr. Giulio Ruffini from STARLAB

challenges and results to guide its activities to the R + D + i.

As a complementary EU case, Finland presented the development of a network of Living Labs, which have become an active innovative environment where industry, government, end users, universities and research centers develop new products, services and applications, doing this model of R & D in engine of technology development in Europe. The network was presented by Mr. Juha Saarnio, Group Manager at the Federation of Finnish Technology Industries Innovation Networks.



Figure 75 – Mr. Juha Saarnio presented the Living Lab methodology

To finish this panel, was presented Chilean case of participation in EU Framework program, which was showed by Mrs. Paola Arellano, Executive Director of REUNA (National University Network, Chile). In this case was showed the Chilean experience of this institution, the main challenges and the results obtained in this collaborative work with European partners, from the perspective of a project called EVALSO (Enabling Virtual Access to Latin-America Southern Observatories).



Figure 86 – Mrs. Paola Arellano from REUNA presented EVALSO project

After the lunch, the afternoon session began with a panel called PROPOSALS AND CHALLENGES FOR THE COOPERATION BETWEEN CHILE, LATIN AMERICA, THE CARIBBEAN AND THE EUROPEAN UNION where was presented the major findings, conclusions and next steps by the Working Groups the day before (see more details in point 4.4 for the results of WG).



Figure 97 – Day 2, ICT for Innovation: Future Challenges. Presentation of Working Groups Results

Subsequently was developed the Roundtable called STRATEGIES FOR ENHANCING THE R&D+i COOPERATION IN ICT BETWEEN CHILE AND THE EU. This panel was comprised of important Policy Makers, from government, universities, associations, ICT companies and a representative of the European Commission.



Figure 108 – Roundtable Strategies for Enhancing the R&D+i

Mrs. Marlén Eguiguren, Finance Editor and Economic analyst of CNN Chile TV station, was the moderator of the round table, which included the participation of high representatives of the Government, the Industry and the Academia, like Mrs. María Teresa Marshall, Executive Director of the Council of Chancellors of the Chilean Universities (CRUCH), Mr. Víctor González, from the Subdirectorate of ICT from Innova Chile CORFO, Mr. Alfredo Barriga, Executive Secretary of the Digital Development Secretariat (Ministry of Finance), Mr. Mateo Budinich, Executive Director of CONICYT, Mr. Raúl Ciudad, President of ACTI (Chilean association of medium and big ICT companies), Mr. Luis Stein, President of GECHS (Chilean association of software and services companies) and Mr. Klaus Pendl, officer of the Directorate General of the Information Society and Media (INFISO), European Commission, Belgium.

The participants of this Roundtable presented the vision of the research, development and innovation from the perspective of the area they represent. Subsequently, the moderator of the panel conducted a round of questions about the results presented by the working groups the day before, which enabled the participants of the roundtable to start a constructive dialogue about what should be the main actions to develop from their specific area and collaboratively to enhance R & D and ICT cooperation with the EU.

Finally the conclusions of the conference were presented by Héctor Torres, responsible for the FORESTA project in Chile.

The closing words of the conference were made by Mr. Ilka Heiskanen, Ambassador of Finland in Chile, who appreciated the high participation of Finnish researchers and reiterated his country's interest in cooperating actively working together with Latin America. And Mr. Mateo Budinich, Executive Director of CONICYT, thanked the active participation of the audience during the two days and stressed the importance of strengthening ICT research between Chile and Europe.



Figure 119– Official Picture of the Conference *ICT Challenges for Innovation*

4.4. Working Groups Results

The work developed by the Working Groups was coordinated with their respective moderators in a meeting held on 6 June. At that meeting they were given a document with the objectives and expected results for each group. [See annex N° 4]

On the second day of the conference every work group gave a presentation with a brief agenda for action and identifying potential funding sources, according to the priorities defined inside each Work Group.

4.4.1. Working Group Outcomes: MACHI



Figure 20 – Session WG MACHI

The working group MACHI met 21 stakeholders from Industry, universities and government, who discussed about the different challenges, barriers and opportunities for the national ICT community. This working group analyzed the different ways to enhance the Chilean participation in the European funds instruments in addition to enhance the collaborative work between

Industry, government, universities and research centres.

Main barriers identified at Local level

1. The actions to promote the competitiveness in the field of ICT are insufficient
2. There is a disarticulation between the academic sector and industry stakeholders
3. Financial sustainability is a priority before any R&D initiative in academy and industry.
4. Since the Chilean market size is small, the ICT industries competitiveness is very limited.
5. The Chilean industry does not invest much in R+D
6. There is an institutional fragmentation that doesn't allow actors to develop a policy dialogue in the field ICT at a national level in Chile

Main barriers identified at Level EU-LatAm

1. There is no general knowledge of the European financing instruments (including fp7)
2. There are structural differences between LATAM and EU (system of government, priority development lines and innovation national system)
3. The objectives of the current international cooperation in I&R&D between LATAM and EU countries is Eurocentric because there are not a coordination of the needs, interest and capacities common in the field ICT between LATAM countries.
4. The different stakeholders in the field ICT do not understand the bureaucratic processes that require European financing instruments
5. There are not associative actions between European and LATAM industries in collaborative projects
6. There is not an offer structured about capacities (academic and Industry stakeholders) from LATAM.

Proposals at Local Level

1. The working group proposed to emphasize in the joint work developed so far between Industry - Industry and Academic – Academic sectors, to foster a joint work between Industry and Academic sector.
2. The industry must have more leadership in the Technological Platforms.
3. The LATAM countries must foster the specialization, quality and knowledge tools for enhanced the value added and competitiveness.
4. MACHI (Chilean Technological Platform) must offer, to Industry and academy a similar structure at ETP to operate with common language to facilitate the cooperation and generation new projects.

Proposals at Level EU-LatAm

1. The working group has proposed to identify and promote the Chilean and LATAM capacities on European Technological Platforms.
2. Articulate the demand in R&D of industry through the Technological Platforms
3. Use the Technological Platforms to connect the international cooperation opportunities for students and professionals in the field ICT.
4. Identify the different Europeans industries with actions in I&R&D in LATAM with the objective of integrate them in the different projects.
5. Disseminate the joint knowledge that exist of financing instruments for innovation and to explore the different possibilities for coordinate them
6. Synchronize I&R&D agendas of LATAM countries (define common priorities) for communicate these to the European Commission for futures calls.

7. One way to facilitate the previous proposals would be to give continuity to projects as FORESTA, CHIEP II and EULARINET.

The participants of WG ICT for Social Inclusion were:

- Patricio Olavarrieta S., UTEM - Chile
- Javier Orozco, UNS-CONICET - Argentina
- Rodrigo Fernández, CSRG-UTFSM - Chile
- Luis Antonio González, UTFSM - Chile
- Pablo Caroca B., GECHS - Chile
- Gerardo Rivas, AIE - Chile
- Silvia Bidart, ALETI/FIRST/FORESTA - Argentina
- Luis Stein, GECHS - Chile
- Mauro Bianchi, TESEO / FORESTA - Belgium
- Tatu Lyytinen, VTT - Finland
- Gary Burns, Ministry of Economics, Chile
- Daniel Hormazábal, SOLVIT SA - Chile
- Angéline Bourgoïn, Embajada Francia/Chile CONICYT
- Alexis Jéldrez, CONICYT - Chile
- Mario Bruno, UPLA- Chile
- Diego Dujovne, UDP - Chile
- Angeles Macias , MICINN- Spain
- Miguel Sanhueza Olave, UTEM - Chile
- Claudio Henríquez Berroeta, U Central - Chile
- Néstor González V., U Central - Chile
- Hugo Durney W., ProteinLab UTEM - Chile

4.4.2. Working Group Outcomes: Social Inclusion



Figure 21 – Session WG Social Inclusion

The topics that were looked at by the Working Group on Social Inclusion were:

- Cultural identity
- Healthcare
- Education
- Infrastructure
- Software and applications
- Involvement of SMEs
- E-Inclusion
- M-Inclusion
- Access to government
- Law & regulation
- Country experiences
- Public services in support to social inclusion
- Empowerment of population
- Access to Equipments
- User skills

The proposal

A look at Latin America and The Caribbean and Europe from the e-Social Inclusion viewpoint (LACESI).

Contents and focus of activities:

The Working Group defined three axes of investigation. Each axes include types of activities like an umbrella project, this means different combination of stakeholders and funding structure – problem based. The three axes are:

a) Concepts, b) Connectivity, c) Appropriation

a) For Concepts axes were proposed:

- Make a mapping social of excluded groups in LAC and EU and characteristics of exclusion.
- Analyze Country experiences of social inclusion with use of ICT (EU and LAC).
- Thematic areas to work that were agreed: health, education, culture.

b) For Connectivity axes were proposed:

- Work about enabling e-infrastructure: broadband, equipments, access to resources
 - Analyze how convergence is being assessed within countries legislation
 - Work about Standardization and Regulation
 - Analyze National Broadband Programs
- c) Appropriation**
- E-government
 - Comparative studies on penetration of digital government in LA
 - Focused on participative government (web 3.0)
 - Public Services in support to E-inclusion (case: Finland + other EU + LAC)
 - Living Labs for Social Inclusion
 - SMEs and productive inclusion: (cooperatives, professionalization)

The activities proposed for each axes are based principally on projects, also were proposed them will supplement with:

- White paper from the projects
- Conferences
- Research Mobility (Marie Curie)
- Synergies: with M-Inclusion (EU), CEPAL (@lis2)

Proposed stakeholders

- CEPAL
- CONCITEC (Peru)
- COLCIENCIAS (Colombia)
- CTS/Fundação Getúlio Vargas + Observatorio de Inovación e Competitividad/USP (Brasil)
- Reuna (Chile)
- Finnish Federation of Technology Industries + VTT (Finland)
- Institute for Social Inclusion (Austria)
- France
- Spain
- NGOs
- Caribbean countries

Type of financing

- Bilateral activities: MFA/Finland + individual specific countries problem based approach
- TEKES
- COLCIENCIAS
- EU (Marie Curie +) + FP
- CNPq
- National institutions

The participants to WG ICT for Social Inclusion were:

- Joana Varon Ferraz, Centro de Tecnología e Sociedade - Brazil
- Klaus Pendl - EU
- Thomas Lagathu - France
- Laurent Bonneau - France

FORESTA

Fostering the Research Dimension of Science and Technology Agreements

Project n° 248676

- Leonardo Piccinetti, UFB- England
- Paola Arellano, REUNA - Chile
- Pedro Toledo - Chile
- Edison Perez, COLCIENCIAS- Colombia
- Miguel Ayquipa - Peru
- Fernando Rojas, ECLAC- Chile
- Maria Lima Toivanen, VTT - Finland (moderator)

4.4.3. Working Group Outcomes: ICT for e-Health



Figure 23 – Session WG ICT for Health

The work group of ICT for Health proposed three lines of project ideas:

- a) Telemedicine**
- b) Incorporation to program promoted for Brazil**
- c) Grid Virtual IPv6-eScience for Health (GVIPv6-eSH)**

a) Telemedicine

a.1) Pilot Project for bilateral studio Finnish - Chile

The telemedicine is an essential element in the modern system of sanitary assistance (healthcare). The telemedicine is very important in large countries as it is the case of some LATAM countries. This working group proposes to start a bilateral pilot studio between Finland and Chile.

The pilot studio will enable to design a Connection and Technological Development Project that include government and academic institutions and industries of both countries. The main objective is research, development and implementation of the telemedicine services, infrastructure and business models.

The pilot studio requires a high level policy compromise. The financing could be agreed between the governments. The pilot studio results could be used in the LATAM countries.

This working group recognized that LATAM have some health problems which are different than those in the EU (for instance infant mortality and others is not an objective of the Seventh Framework Programme (FP7)).

The elemental components in projects LATAM – UE identified in the working group are:

1. Technological transfer in healthcare from EU to LATAM
2. Adaptation of existing services to local needs
3. Specification of different requirements according to user profile for ICT design

a.2) Other initiatives in telemedicine between Europe - LATAM

The working group proposes to initiate contact with Chilean health authorities to invite to participate in a Telemedicine pilot experience where European and LATAM countries will jointly work.

Examples of activities:

1. Education for perinatal health (mother and child)
2. Epidemiology of infectious and contagious diseases
3. Home monitoring of chronically ill patients
4. Incorporation of Platform tried in Europe
5. Medical discussion about "complex cases"

b) Incorporation to program promoted for Brazil “Regional Policy Protocols for Tele-health”

The Program seeks to generate a set of regional protocols the public policies about goods and services of e-health. The aim is to increase efficiency, reduce transaction costs and increase the quality of health services in the region. The program is directed for communities with difficult access to services including indigenous communities.

This initiative involves currently Brazil, Mexico, Ecuador, Colombia, Chile, Peru, Uruguay, Argentina (Mendoza) and El Salvador.

This initiative can establish links with the European project epSOS (to access the EHR summary and electronic prescription) in which participate twelve member states of the European Union with different languages and technologies.

c) Grid Virtual IPv6-eScience for Health (GVIPv6-eSH)

The eScience grid for Health Research GVIPv6-eSH is an innovative ICT project in the health area, which is designed to enhance medical research. This project provides the resources to identify, collect, disseminate, and transfer massively scientific knowledge, statistics and research results in health between medical groups, Latin Americans and Europeans.

The Project GVIPv6-eSH intends to:

1. Develop an ICT platform to support strategic development of human health and to support clinical research and management of Latin American and European health.
2. Provide a direct benefit to researchers in the field of health and indirectly to the citizens and clinical researchers, motivating the research in: geographical health, tools and medical technologies and services with access and use of medical equipment remotely to improve quality of service to citizens.
3. Implement a customized ICT system, based on the integration of IPv6 technologies, virtual platforms on the Internet; Grid access, wireless and mobile 3G-4G to provide services, data management and digital content with local coverage, national and internationally.

The participants to WG ICT for e-Health were:

- Edison Perez, COLCIENCIAS - COLOMBIA
- Maria Teresa Arredondo, Universidad Politécnica de Madrid - Spain
- Timo Korhonen, Aalto University - Finland
- Timo Jâmsa, Oulu University - Finland
- Jean Francois Marini, IRD – CNRS - France
- Rogers Atero, Universidad de Santiago de Chile, USACH - Chile
- Mónica Aguilera, REUNA - Chile
- Enrique Oviedo, ECLAC -Chile
- Andrés Fernández, ECLAC - Chile (moderator)

4.4.4. Working Group Outcomes: Living Labs



Figure 24 – Session WP Living Labs

Main agreements:

- Motivate the interest of companies to the Living Labs methodology
- Promote the Living Labs as bridges between public sector, academic sector, companies and the users
- The Living Labs must start from the local needs.

Main proposed actions:

- Explore possible project ideas for further development (separately or jointly)
- Planned work phases for project ideas: Start from focused activities, then add a diversity of themes and finally add more international cooperation in each theme identified.

Main doubts

- How to promote in Latin American society the benefits of Living Labs
- What actions should be designed to test the acceptance of users in the Living labs activities.

Future activities

- Share information in LAC about the existing Living Labs
- Organising a LAC Living Labs Workshop
- The LACs interested to develop Living Labs should establish communications with ENoLL
- Explore the possibility to integrate other LACs Living Labs in ENoLL

Interested stakeholders

- All LAC countries with interest in developing living labs
- Each participant to this working group

Project Ideas

a) Products and services for a sustainable world

Possible participants: Chile, LAC, EU (Finland, Spain)

Key aspects: Multitouch devices, Tangible interfaces, Image recognition

Partners: ProteinLab UTEM, Reuna, Universidad de Playa Ancha, existing Living Labs in Finland and Spain

Possible funding: CONICYT, FONDEF, EU FP7, others.

Previous experience that support the proposal: Existing Living Labs in LAC (10 in Brazil, 7 in Colombia and 1 in MQ)

b) e-Inclusion

Key aspects: Developing and testing e-Marketplace in Mexico for non-Spanish speaking communities, Innovation research for academic purposes.

Partners: ITESM, EGADE, Chile, Colombia

Possible funding: CONACYT innovation stimulation, FP7

Previous experience that support the proposal: Participation in FP7 (OASIS, FORESTA, PRO-IDEAL-PLUS, Ideal-ist-2011), ITESM is the Mexican NCP for ICT

c) Reaching out to the LAC user communities

Key aspects: Localising and adapting products and services to the LAC markets

Partners: European industrial players, existing Living Labs in LAC, Cintel (Colombia), Colombian industrial players, Mexico, Chile

Possible funding: Companies testing products, Chambers of Commerce, Industrial Associations, Colciencias (Colombia)

Previous experience that support the proposal: Existing Living Labs in Colombia

The participants to WG Living Labs were:

- Hanna Lepistö, Embassy of Finland in Chile - Finland
- Paulina López, REUNA - Chile
- Daniel Lupí, CYTED - Argentina
- Fernando Martín - Chile
- Clara Martínez, Cintel - Colombia
- Johanna Törnroos, - Finland
- Giorgio Metta, Italian Institute of Technology (ITT) - Italy
- Pierre Pelat-Finet - France
- Jorge Ramírez, ITESM - Mexico
- Juha Saarnio, Federation of Finnish Technology Industries - Finland
- Héctor Torres, Foresta - Chile
- Michael Vicencio, student University Federico Santa Maria - Chile

4.4.5. Working Group Outcomes: ITS



Figure 25 – Session WP ITS

After the introductory lectures by Mrs. Carmen La Gamba and Mr. Andrea Ricci, the group started to debate about ITS in the LA&C region.

Proposed actions:

- a) To foster creation and development of ITS National& Regional Platforms
- b) To survey ITS Architecture, Standards & Business Models used regionally
- c) To deploy Traveller Information Systems

a) To foster creation and development of ITS National& Regional Platforms

Many ITS applications used in the EU have not been deployed in Latin America yet, and it is very important to sensitize government authorities about this topic, and also to foster the creation and development of **ITS National Platforms**, which can be used later to interact within the region(LA&C)and with the EU.

The mission of ITS National Platforms is to establish a meeting point for all stakeholders: government authorities, universities, academics and students, user and consumer associations and industry companies, in order to share experiences, know-how and good practices.

In this way, a forum where authorities can communicate public policies, users and consumers can spread their needs, industry may show the “state of the art” and academics can expose their thinking, investigation topics and future vision is established.

In Latin America, **ITS entities** have been created as not-for-profit organizations in Argentina, Brazil, Chile, Colombia, Mexico & Peru. The main goal of these organizations deeply meet the goal of the ITS National Platforms described before, so they can play this role. Encouraging the creation of this kind of entities in other countries, and help strengthen and develop the existing ones is a very desirable first step.

b) To survey ITS Architecture, Standards & Business Models used regionally

ITS Architecture shows which systems have been deployed, which are in project stage and how these systems should interoperate. By keeping this architecture up-dated and establishing **standards**, ITS Architecture enables and guarantees present and future integration and interoperability between ITS applications.

Business Models: BM establishes the necessary conditions in order for a project to be deployed in a sustainable way. Usually, the problems are not the ICTs involved (they have been already developed and applied) but the proper alignment of incentives.

c) To deploy Traveller Information Systems

The deploying of a Traveler Information System is a desirable goal. A multi-mode, real-time, two-way system which delivers information to select the most efficient way to travel from one point to another, avoiding congested areas and emphasizing the use of Public Transport, can be widely used at most cities of the region.

Next Steps for ITS WG:

- ITS Chile organises seminars with universities and will organise the next one in October. One of their goals is to improve travel information systems with the use of mobile phones.
- The public private partnership e-safety Forum (in future called i-Mobility Forum) has a working group on international cooperation, and is open for participation. Contacting this group in order to share best practices is suggested.
- Andrea Ricci, mentioned during the conference in Santiago that he would be interested in collaborating in an ITS activity.
- The French delegation actually is managing an ITS cooperation project with Uruguay and Peru among other countries which can be used to establish contacts to find stakeholders.
- Carmen La Gamba from ITS Argentina participated in the conference and expressed their interest in collaborating in this area.

Funding:

- **To Foster creation and development of ITS National& Regional Platforms**

Spreading and debate activities have been usually organized in a “co-participative” scheme between academics, industry and authorities. It is necessary to explore the feasibility of getting additional funding by an extension of FP7.

ECLAC mentioned they are interested in supporting activities in ITS, like meetings, workshops etc.

- **To survey ITS Architecture, Standards & Business Models used regionally, and**
- **To deploy Traveler Information Systems**

In Chile, it has to be investigated if national programmes as FONDEF and/or CORFO have any funding instruments to support these activities.

Additional information about financing for these activities in the region has to be inquired.

The participants to WG Living Labs were:

- Carmen La Gamba, ITS - Argentina
- Astrid Waltermann, CONICYT. Chile
- Pedro Vidal, Ministerio de Transportes - Chile
- Andrzej Rogulski, Ministry of Higher Education and Research -France
- Andrea Ricci, ISIS - Italy
- Rodrigo Martínez, Tastets System - Chile
- Daniel Schwarz, IVU Traffic Technologies AG - Chile
- Jorge Minteguiaga, ITS - Chile

5. Conference Promotion and Dissemination

5.1. Pre-Conference Promotion

FORESTA Chile carried out several different actions to promote the conference. These actions are detailed below.

| Type of Promotion | Dissemination Through | Evidence |
|------------------------------|---|--|
| Public Promotion on Websites | Promotion over the web page of FORESTA, CHIEP II and EULARINET project. |  <p>www.chiep.cl</p>  <p>www.forestaproject.eu</p>  <p>www.ularinet.eu</p> |
| | A promotion over the web page of UTEM, REUNA and CONICYT. |  <p>www.utem.cl</p> |

| | | |
|--|--|---|
| | |  <p>www.reuna.cl</p>  <p>www.conicyt.cl</p> |
| | <p>A promotion over the national web page www.conferenciatic.cl with information of:</p> <ul style="list-style-type: none"> - Speakers - Overview, objectives, expected results, topics - Agenda -Venue and map - Information Kit Travel - Experts identification -Contact |  |

| | | |
|---------------------------|---|---|
| | <p>The information also was distributed on UTEM Facebook and Twitter.</p> |  <p>http://www.facebook.com/home.php#!/photo.php?fbid=10150210660790687&set=a.10150210659770687.314695.25703920686&type=1&theater</p>  <p>http://twitter.com/#!/utem</p> |
| <p>Specific Promotion</p> | <p>Letter of invitation. The personal invitation was distributed by email, attaching the overview of the conference, agenda conference and, for foreign experts, and a kit with information travel. [See annex N° 6].</p> |  |

| | | |
|-------------------------|---|---|
| <p>Support Material</p> | <p>Conference Bag to provide attendees with all support material: folder, FORESTA, EULARINET AND CHIEP II leaflets, working papers, FP programmes, national research capabilities on ICT.</p> |  |
| | <p>Dynamic poster with a conference movie, in two LCD screen</p> |  |
| | <p>Folder with conference agenda, description document of the conference and paper for notes.</p> |  |
| | <p>Design of web page for conference dissemination at local level www.conferenciatic.cl</p> |  |

| | | |
|--|---|--|
| | <p>Printing of FORESTA project leaflet</p> |  |
| | <p>Design and printing of FORESTA roll-up</p> |  |
| | <p>Totem of conference to advertising inside the conference room.</p> |  |

Press Releases Pre-Conference

Before the conference were published 11 articles on different websites with the results of the conference. Some of them are: [See annex N° 9].



3 June 2011
ACHIPEC
Confidencia internacional "Desafíos TICs para la Innovación"
<http://achipec.org/2011/06/03/confidencia-internacional-“desafios-tics-para-la-innovacion”/>

2 June 2011
CONICYT
Cooperación entre la Unión Europea y América Latina:
Confidencia internacional "Desafíos TICs para la Innovación"
tendrá lugar en Santiago
<http://www.conicyt.cl/573/article-38448.html>



Cooperación entre la Unión Europea y América Latina:
Confidencia internacional "Desafíos TICs para la Innovación" tendrá lugar en Santiago

[02/06/2011] Participarán importantes especialistas provenientes de países como Finlandia, España, Italia, Argentina y Brasil.

Los días 7 y 8 de junio se realizará en Santiago la conferencia internacional "Desafíos TICs para la Innovación", organizada por los proyectos CHREP-II, FORESTA y EULARNET. En Chile contará con el patrocinio especial del Sistema Programático de Investigación y Desarrollo Tecnológico (PIID). El objetivo de esta actividad es promover el diálogo público para fomentar el desarrollo de la ciencia y tecnología y la investigación entre América Latina y la Unión Europea.

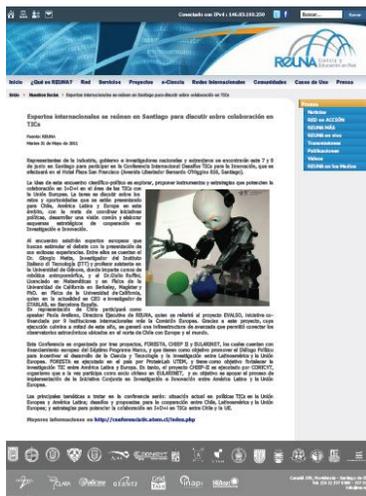
La conferencia tendrá una nutrida presencia de especialistas de Finlandia, España, Italia, Francia, México, Corea del Sur, Brasil y Argentina. La mesa redonda "Estrategias para promover la cooperación de I+D+i en TICs entre Chile y la UE", moderada por Mariana Espinosa, Editora de Economía de CHREP, contará con la participación de Alfredo Barriga, Secretario Ejecutivo de la Secretaría de Desarrollo Digital Subsecretaría Villalón, Secretario Ejecutivo del CONIC, Helene Balthazin, Directora Ejecutiva de CONICYT; Raúl Ciudad, Presidente de la ACT; Luis Huelmo, Presidente de la OCEC; y Klaus Pausel, de la Dirección General de la Sociedad de la Información y Medio de la Comisión Europea (DGSI).

También se mostrará el caso de éxito, como el proyecto del robot iCub, un homínido del tamaño de un niño de 3 años y medio, que dispone de 52 millones de neuronas en su cerebro, manos, brazos, piernas y oídos. La presentadora Alejandra Huelmo, Investigadora principal del Instituto Italiano de Tecnología (IIT, de Génova), otra aplicación que viene desde Italia es el proyecto Shalimar, que recrea a Andrea Bocelli, Vocalista del Instituto de Estudios para la Integración de Ciegos (IEC, de Roma). Este es un Sistema de Transporte Inteligente (ITS), cuyo objetivo principal es mejorar la gestión de los servicios de transporte en el caso de eventos masivos organizados en grandes ciudades. El proyecto se ha estado en el Hospital de Sullitana y se prepara para sus Juegos Olímpicos de Londres (2012).

Sobre los proyectos CHREP-II, EULARNET y FORESTA:
El proyecto CHREP-II es ejecutado por CONICYT, organismo que a su vez participa como socio chileno en el proyecto EULARNET, que busca el proceso de implementación de la Iniciativa Conjunta de Investigación e Innovación entre América Latina y la Unión Europea. A su vez, el proyecto FORESTA es ejecutado en Chile por Fundación UTEP, fomenta como objetivo fortalecer la investigación TIC entre América Latina y Europa.

Italia ha cooperado con la Unión Europea
Chile participó activamente en la última Conferencia ALC-UE (América Latina y el Caribe y Unión Europea) que se realizó en Madrid en mayo del 2010. En esa ocasión se firmó el "Acuerdo de Cooperación, Investigación, Innovación y Tecnología" entre Chile y la Unión Europea. Este acuerdo tiene como objetivo fortalecer la cooperación entre Chile y la Unión Europea. En Chile, se realizó la mesa Redonda Conjunta de Investigación e Innovación entre América Latina y la Unión Europea, que se celebró en junio de 2010 en Santiago.

El programa de la conferencia se encuentra a continuación:

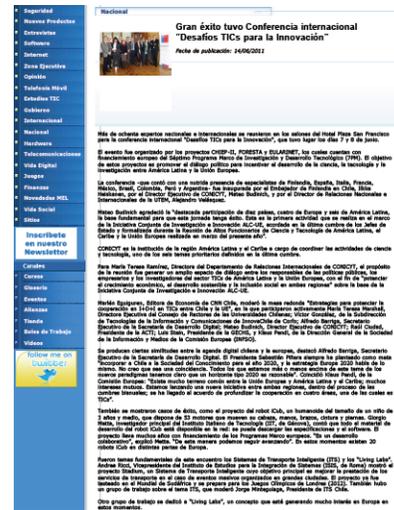


31 May 2011
REUNA
Expertos internacionales se reúnen en Santiago para discutir sobre colaboración en TICs
<http://www.reuna.cl/joomla/index.php/es/noticias-nuestros-socios/1...les-se-reunen-en-santiago-para-discutir-sobre-colaboracion-en-tics>

Press Releases on different Web Sites

After the conference were published 22 articles on different websites with the results of the conference. Some of them are: [See annex N° 9].

16 June 2011
GECHS
Presidente de GECHS Participó en Conferencia Internacional de la UE
<http://www.gechs.cl/presidente-de-gechs-participo-en-conferencia-internacional-de-la-ue#content-top>



14 June 2011
Mundo en Línea
Gran éxito tuvo Conferencia internacional "Desafíos TICs para la Innovación"
http://www.mundoenlinea.cl/noticia.php?noticia_id=2192&categoria_id=53



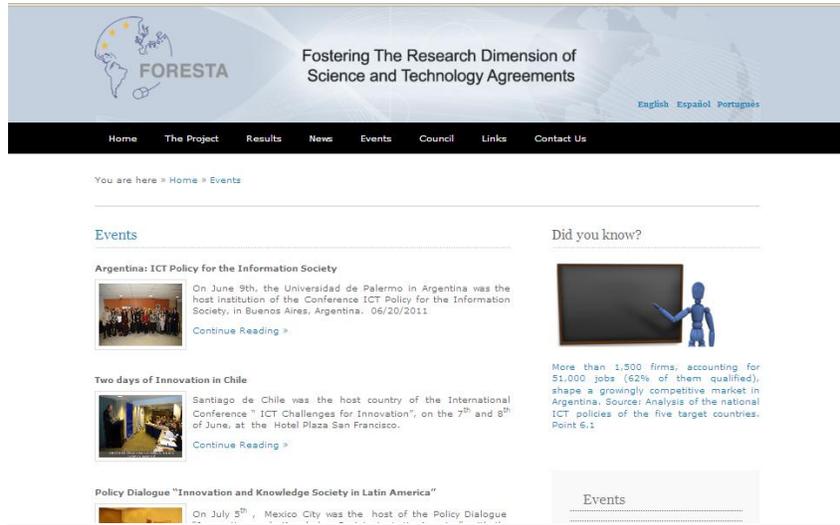
21 de Junio de 2011
FGV Direito Rio
Joana Varon na Conferência Internacional "Desafios TICs para la Innovación"
<http://diretorio.fgv.br/node/1648>



08 de Junio de 2011
Pro Ideal
International Conference: ICT Challenges for Innovation, 7- 8 June, Santiago
<http://pro-ideal-project.blogspot.com/2011/06/international-conference-ict-challenges.html>

FORESTA Web Site

FORESTA website (www.forestaproject.eu) published the activities and main results of the conference in Santiago de Chile, as shown below:



Web Site of Conference at Local Level

The web page www.conferenciatic.cl for dissemination at local level was actualised in order to facilitate the download of presentation, images and press releases, as follow:

The image displays three screenshots of the conference website, 'Desafíos TICs para la Innovación', held in Santiago, Chile, on June 7 and 8, 2011. The website is organized into several sections:

- Home Page (Top Left):** Features a navigation menu (Home, Presentación, Programa, Speakers, Ubicación, Expertos, Resultados, Contacto), a main banner with the text 'Visita los resultados de la Conferencia' and a 'Pincha aquí' button, and a 'Resultados' section with links for 'Fotografías', 'Notas de Prensa', and 'Descarga de Ponencias'. It also includes a 'Flickr' video player and social media links for Twitter and LinkedIn.
- Results Page (Top Right):** Titled 'Visita los resultados de la Conferencia', it features a 'Pincha aquí' button and a 'Resultados' section with links for 'Fotografías', 'Notas de Prensa', and 'Descarga de Ponencias'. It includes a 'Notas de Prensa' section with a sub-section 'Inmenso éxito tuvo Conferencia Internacional "Desafíos TICs para la Innovación" en Santiago' and a 'Gran éxito tuvo Conferencia Internacional "Desafíos TICs para la Innovación" 13 de junio de 2011' section. It also has a 'Descargar Nota de Prensa' button and social media links.
- Presentation List (Bottom):** A table listing presentations with columns for the presenter's name, title, and a 'Descargar' button. The list includes:
 - Paola Arellano: "Proyecto EVALSO_REUNA"
 - Nestor Berkovich: "@LIS2 Inclusion, Innovation, Development"
 - Mauro Bianchi: "FORESTA, Fostering International Cooperation in Research & Development"
 - Carmen La Gamba: "Sistemas de Transporte Inteligente, ITS Argentina"
 - Fernando Rojas: "Políticas Públicas de Banda Ancha"
 - Luz Ledesma: "MACHI, Plataforma Tecnológica Chilena de Internet del Futuro"
 - María Lima Tolvanen: "Finnish ICT Innovation Ecosystem"

6. Performance Indicators

| WP | Performance Indicators | | Related Milestones / Control Points | Conference Results |
|----|--|---|--|--|
| | Title | Description | | |
| 2 | T.2.2 Organization of Conferences | Conferences in the five target countries targeting the local scientific communities | - Appropriate communication pre-event | <p>Ahead of the conference the below was performed:</p> <ul style="list-style-type: none"> - A selection of the stakeholders involved in ICT community national and regional. - The personal invitation was distributed by email, attaching the overview of the conference, agenda conference and, for foreign experts, and a kit with information travel. -A promotion over the web page of FORESTA, CHIEP II and EULARINET project. - A promotion over the web page of UTEM, REUNA and CONICYT. - A promotion over the national web page www.conferenciatic.cl - The information also was distributed on UTEM Facebook and Twitter. |
| | | | - Participation of 50-80 participant per event | <p>The total number of attendees on the two days was 162</p> <ul style="list-style-type: none"> -The first day had 84 attendees - The second day had 78 attendees |

| | | | | |
|--|--|--|---|--|
| | | | | <p>Total number of participants in Working Groups: 61</p> <ul style="list-style-type: none"> -WG Living Labs:12 -WG e-Health:9 -WG Social Inclusion:11 -WG ITS:8 -WG MACHI:21 |
| | | | <p>- Production of appropriate support material</p> | <p>For the conference were different support material made, like:</p> <ul style="list-style-type: none"> - Conference bag to provide attendees with all support material (folder, FORESTA, EULARINET AND CHIEP II leaflets, working papers, FP programmes, national research capabilities on ICT, etc.) - Dynamic poster with a conference movie, in two LCD screen - Folder with conference agenda, description document of the conference and paper for notes. - Web page for conference dissemination at local level - Printing of FORESTA project leaflet -Printing of FORESTA roll-up - Totem of conference to advertising inside the conference room. |
| | | | <p>- Feedback forms filled in by participants</p> | <p>It is possible highlight some evaluation results about the organization of conference over 41 forms filled for feedback of conference. These are:</p> <ul style="list-style-type: none"> - The R+D+i Policy Dialogue component of the conference had an approval of 86,47 % - The evaluation about the R+D+i Scientific and |

| | | | | |
|--|--|--|--|--|
| | | | | <p>Technological component of the conference had an approval of 82,46%</p> <p>- The evaluation about the organization of the conference had an approval of 97%</p> <p>- The evaluation about the conference materials and information provided had an approval of 94%</p> <p>To see more details see annex xx with the complete results.</p> |
| | | | - Number of foreign experts on the conference | - Total of 33 foreign experts on two days, 23 of Europe and 10 of Latin America |
| | | | - Number of national experts involved on the conference (from academic, industrial, government agencies and local representatives from international institutions) | -A total of 54 national experts on two days, 24 from academic sector, 14 from government agencies, 5 from an international institution (ECLAC), 10 from industrial sector. |
| | | | - Number of press releases | 32 press releases on web sites |

7. Follow Up to the Conferences

One of the major impacts is that the results achieved and actions proposed at the conference make up one of the key inputs for the meeting of Senior Officials Working Group ICT Meeting (SOM) held on 09 June in Santiago de Chile.

The results from working groups of the Conference (ICT for social inclusion, ICT for health, Living Labs and Intelligent Transportation Systems) were discussed on 9 June 2011 in Santiago at the SOM working group ICT meeting, with the objective to develop ideas for pilot activities, funding and cooperation in the following areas before mentioned.

During the SOM meeting at day June 9th, have been proposed various concrete actions to advance the development of pilot projects between Latin America and Europe. Also have been explored possible instruments for financing the implementation of pilot projects and have been agreed to developed new meetings with the goal of advancing the realization of pilot projects.

Context of the meeting SOM 9 June, 2011

During the Senior Officials Meeting (SOM) in March 2011 in Brussels, SOM working groups were established in 4 different areas, ICT being one of them. The SOM ICT Working Group was formed and is co-coordinated by Finland and Chile.

On 7th – 8th June 2011, the international Conference “ICT Challenges for Innovation” which was organized by three FP7 projects (EULARINET, CHIEP II and FORESTA) was held in Santiago, Chile. The conference included a workshop in order to develop ideas for pilot activities, funding and cooperation in the following areas: ICT for social inclusion, ICT for health, Living Labs and Intelligent Transportation Systems.

The project ideas that emerged from these work groups were presented on Thursday 9th June, just after the conference, in the meeting of high officers of science and technology from the joint initiative of research and innovation who are preparing the ICT part of the next EU-LAC summit that will be held in Santiago of Chile on 2012. Among the participants of this important meeting were Klaus Pendl (Information society and Media, European Commission), Andrzej Rogulski (Ministry of Higher Education and Research, France), Miguel Ayquipa (Peru), María Teresa Ramírez (CONICYT, Chile) and Astrid Waltermann who is the high officer in charge of the ICT dimension of the summit 2012 in Chile. Also attended this preparatory meeting Mrs. María Lima Toivanen, from VTT, representing Finland, while Mrs. María Ángeles Macías (Coordinator of EULARINET Project) represented Spain and Mr. Edison Pérez (from COLCIENCIAS) represented Colombia.

Main results of meeting

ICT for social inclusion

Possibilities for cooperation with other projects or networks in this area were discussed during the meeting. It was reported that a project on mobile inclusion (call 7) with European and Latin American participation is currently under discussion at the European Commission. The project is a support action aimed at creating a cooperation framework between Europe and Latin America on the use of mobile technology for social inclusion. This would be a good opportunity for cooperation in the area if the project results main listed.

Living Labs

The participants of the meeting agreed Living Labs could be used as a tool for social inclusion by facilitating implementation and research. A Living Lab related to social inclusion or to health could be created.

ICT for health

ECLAC is interested in supporting projects on policies and protocols related to ICT for health. They are discussing with the United States the topic of apropiability of health records and could broaden the collaboration to Latin America.

Intelligent Transportation Systems (ITS)

In Chile, the Ministry of Transportation created a new ITS area a few months ago which shows interest in the development of this area. Jorge Minteguiaga, the representative from ITS Chile, thinks we need to sensibiliser authorities of the importance of ITS and empower other ITS organisations in the region. ITS Chile organises seminars with universities and will organise the next one in October. One of their goals is to improve travel information systems with the use of mobile phones.

Possible cooperation among thematic areas

The group discussed the idea of connecting the concepts of ICT for social inclusion and Living Labs. A Latin American and Caribbean Living Labs group could be created and it could start by developing the topic of social inclusion.

The participants in the meetings are currently preparing a new SOM meeting which will be by video conference to review the progress in each working groups in order to develop a state of the art in each thematic areas in which the SOM want to develop pilot projects.

With regard to funding sources they are exploring the possibilities offered by the call 8 FP7, the Marie Curie and they are identifying national and bilateral instruments in Latin America and the Caribbean.

8. CONCLUSIONS

The International Conference: Challenges for ICT Innovation, which has been developed during 7th and June 8th, has allowed to analyze the state of the art of cooperation in ICT between EU - LAC. The Conference has allowed to deep in the identification of the potential benefits of Chilean participation, Latin American and Caribbean in the European financing instruments.

The Conference has allowed knowing the different opportunities for collaboration in the field of ICT, from the different EU funding instruments, as well as the success cases presented, which provided insights from a practical perspective the impact and scope for researchers and companies that participate in FP7.

The collaborative work of the three projects financed by FP7 involved in organizing the Conference has allowed gathering in Santiago of Chile senior representatives of S & T, and ICT experts from Latin America and Europe with key stakeholders ICT national. Those collaborative works have created a reflection and discussion space for identify common interests and opportunities that facilitate the development of pilot projects in the different areas of ICT addressed in the conference.

The results that working groups have obtained on issues of common interest, have declared at the meeting of Senior Officials Working Group ICT Meeting (SOM) of last March 2011 in Brussels, where have enabled progress in the proposed pilot project ideas that can be developed between EU - LAC and identifying common interests, potential partners and funding sources.

The results of the working groups have become an important input to subsequent meetings of the SOM, whence we can say that the results of the Conference have been important for enhancing effective collaboration in the ICT field between EU-LAC.

From the national perspective, the conference has strengthened the idea that collaborative work in the ICT field between government, university and industry is essential to identify common interests that allow the development of collaborative projects at national and international levels with the EU. It has also reinforced the idea of the importance of ICT as a factor to development country.

From the perspective of government, the authorities present in the Conference have observed the advantages and opportunities for national development ICT, offered by the different EU funding instruments, which represents a breakthrough ICT to establish national mechanisms to promote the participation of researchers and companies in collaborative European projects.

Through the presentation of successful cases in FP7 R+D+i, the different national stakeholders at the conference have observed directly the high levels of R & D that can be achieved in projects funded by FP7, the operation of consortiums research as well as the benefits and opportunities for companies and researchers involved in these consortiums.

Regarding participants at the conference we can to point out the following:

- The total attendance at the conference in two days (7th and 8th June) was 162 people.
- On the first day of the Conference (June 7th) was attended 84 people and the second day (June 8) was attended by 78 people.
- The total number of participants at the Conference (7th and 8th June) was 87 people, of which 37.9% were international participants and 62% were national participants.

- Of the international participants 69.7% corresponded to European experts, while 30.3% were Latin American experts.
- Of the national participants, 44.4% were representatives of universities, 25.9% were government representatives, 18.5 were representatives of industry and 9.2% were representatives of ECLAC.

Regarding participants we can conclude that:

- It has brought together representatives of all national sectors involved in the ICT field.
- It has brought together European and Latin American experts to discuss future actions to strengthen the collaborative work in the ICT field in both regions.
- It has strengthened the idea of the need for a common vision between the public, business and scientific sector in the ICT field.
- It has strengthened the interest in understanding and exploring the possibilities of participating in European financing instruments by national stakeholders.

Respect to Round Table “STRATEGIES FOR ENHANCING THE R+D+i COOPERATION IN ICT BETWEEN CHILE AND THE EU” we can conclude that:

We have put together in a discussion table to key players in the three areas of the ICT community (universities, industry and government) with a representative of the European Commission to discuss future actions needed to promote ICT research between Chile and Europe. In the roundtable discussed issues that arose from the workshops.

The importance of the round table was determined by the importance of their participants who can be grouped as follows:

ICT Industry Representatives

Raúl Ciudad, President of Chilean Association of Information Technology Companies, ACTI.
Luis Stein, President of Association of Software and Services Companies of Chile, GECHS.

University Representatives

María Teresa Marshall, Executive Director, Council of Rectors of Chilean Universities, CRUCH
Government representatives.
Alfredo Barriga, Executive Secretary, Secretariat for Digital Development, Chilean Government.

National Funding Agency Representatives

Mateo Budinich, Executive Director of National Commission for Scientific and Technological Research, CONICYT.
Víctor González, Sectoral and International Programmes, InnovaChile, of Chilean Economic Development Agency, CORFO

European Commission Representative

Klaus Pendl, Directorate General for Information Society and Media, European Commission.

Among the main conclusions of the roundtable participants we can emphasize that participants reinforced the need to work collaboratively between industry, academia and government for ICT to become a key issue for the development of the country and in this sense, collaboration with Europe and participation in European financing instruments constitutes an

opportunity that Chile, Latin America and the Caribbean should take advantage of. Also, members of the panel expressed their intention to enhance collaboration among all these actors to participate in the tools available for R & D in ICT.

Finally we can to point out that:

We must continue the policy dialogue initiated in the Conference with the aim to boost the actions and ideas that have been achieved in each working groups of the Conference.

The conference has strengthened the transverse interest of national stakeholders in the field ICT to involve them in the exploration of opportunities for R & D collaborative with Europe.

The joint work of the 3 projects FORESTA, EULARINET and CHIEP II funded by the FP7 has been fundamental to generating interest in key stakeholders of government, universities and industry to participate in the instruments of EU funding.