

First

Implementing cooperation on Future Internet and ICT Components between Europe and Latin America

Objective ICT-2009.9.1: International cooperation

Project 248753

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Abstract	This document compiles the activities performed to provide a feedback of FIRST activities to European Technology Platforms.
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EXECUTIVE SUMMARY

This deliverable summarizes the activities carried out within Task 5.2 "Feedback and liaison with European Technology Platforms (ETPs)", to establish liaison between the FIRST Project and Latin American Technology Platforms (LATPs) with the ETPs (key counterpart of LATPs).

The ETPs contacted within the scope of the FIRST project are:

- F*- eMobility, The Mobile and Wireless Communications Technology Platform
- F*- ISI, the Satellite Communications Technology Platform
- F*- NEM, The networked and electronic Media Technology Platform
- F*- NESSI, the European Technology Platform dedicated to Software and Services
- F*- ARTEMIS, the European Technology Platform for Embedded Intelligence and Systems
- F*- Photonics 21, The Technology Platform for Photonics in Europe
- F*- ENIAC, European Technology Platform on Nanoelectronics
- F*- EPoSS, The European Technology Platform on Smart Systems Integration

The FIRST project proposed tight cooperation to all ETPs mentioned above, through different joint activities, such as mutual attendance to related events, articles in newsletters or websites, etc.

1 General introduction

The main objective of FIRST WP5 is to create an active and frequent interaction between European and Latin American researchers in the field of Future Internet through the establishment of fluent communications between LATPs and ETPs. Thus, This WP ensures that all relevant European groups are aware and get benefits from FIRST results and LATPs through:

- Feedback to European Commission initiatives and other European programmes.
- Feedback to ETPs and Joint Undertakings (JUs).
- Feedback to European national initiatives on Future Internet.

This deliverable summarises corresponding activities carried out within Task 5.2 “Feedback and liaison with ETPs”, established to establish links with ETPs oriented to Future internet:

Activities within this task include:

- F*- **Publish press releases and articles** in ETPs publications (newsletters, magazines, etc.) and websites. The aim of these articles will be to promote the cooperation between European and Latin American researchers and increase awareness on LATPs activities.
- F*- **Presence and active participation** in ETPs activities and events, such as General Assemblies and most relevant events, such as NEM Summit, ICT Mobile summit, Service Wave, etc. FIRST will participate in General Assemblies in order to present project activities and opportunities for ETPs members, organize specific sessions during ETPs events, or participate in specific sessions aimed to international cooperation

2 Feedback and liaison with ETPs

In order to provide feedback on FIRST project activities as well as activities in establishment of Technology Platforms in Latin America and promotion of cooperation among Europe and Latin America in ICT related research, the following material were prepared and distributed:

- FIRST project brochure.
- Link to FIRST website (<http://www.latin-american-technology-platforms.eu/>).
- Report on the capacities and potential areas for cooperation between Europe and Latin America (also available at http://www.latin-american-technology-platforms.eu/docs/FIRST_D2.1_National_reports_v1.0.pdf).

The material was provided to the following ETPs:

- eMobility, The Mobile and Wireless Communications Technology Platform [1]
- ISI, the Satellite Communications Technology Platform [2]
- NEM, The networked and electronic Media Technology Platform [3]
- NESSI, the European Technology Platform dedicated to Software and Services [4]
- ARTEMIS, the European Technology Platform for Embedded Intelligence and Systems [5]
- Photonics 21, The Technology Platform for Photonics in Europe [6]
- ENIAC, European Technology Platform on Nanoelectronics [7]
- EPoSS, The European Technology Platform on Smart Systems Integration [8]

Furthermore, the FIRST project proposed tight cooperation to all ETPs mentioned above, through different joint activities, such as mutual attendance to related events, articles in newsletters or websites, etc. More details on contacted initiatives and programmes are given below.

FIRST has distributed responsibilities among its partners as it is indicated in the following table:

ETP / JTI	Responsible of feedback within FIRST
eMobility	EUR
ISI	ROS
NEM	ROS-EUR
NESSI	THA
ARTEMIS	THA
ENIAC	EUR
EPoSS	ROS
Photonics 21	ROS

2.1.1 Net!Works (eMobility), The Mobile and Wireless Communications Technology Platform

Focus of the platform:

Mobile communications is one of the technology sectors in which Europe has a clear global leadership position. This success in global markets was developed from the results of EU-funded collaborative research on second and third generation mobile technologies, which formed the basis of successful global standards. In fact, the scale of this success is now such that the economic impact of mobile and wireless sector is now greater than that of the Internet.

In this context, eMobility defines and implements a comprehensive research agenda in the **mobile and wireless sector** to be conducted in Europe, on the basis of a strong co-ordination of the national research efforts as well as the collaboration of key research programmes from other regions in the world.

EURESCOM (Partner #2) supports this ETP secretariat

Tasks performed:

- Presentation of FIRST project to Net!Works community.
- Briefings to representatives of Net!Works.
- Participation at Net!Works General Assembly with a presentation of the project (Venice, 16 September 2010).
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with Net!Works.
- Regular information about the progress of FIRST by sending newsletters.
- Publication of articles on networks trends and eMobility (Net!Works) in FIRST Newsletters:
 - Newsletter n° 3 – The European Technology Platform for future networks
 - Newsletter n° 4 – New name and brand of the eMobility European Technology Platform
- Contact with Spanish mirror eMOV.
- Contact with Mexican Technology Platform (MTP) e_MOBILITY-MEX.

2.1.2 ISI, the Satellite Communications Technology Platform

Focus of the platform:

ISI is the European Technology Platform on **Satellite Communications**, whose membership embraces all relevant and interested private and public stakeholders from SatCom and the Space sector. Currently ISI involves more than 170 member organizations and 29 Countries.

The ISI European Technology Platform brings together in a unified, industry led body all research, technology and innovation aspects related to satellite communications, including **mobile, broadband, and broadcasting applications**. The purpose is to foster and develop the entire industrial sector, maximize the value of European research and technology development, and contribute to EU and ESA policies.

In 2006, the total turnover of European Space Industry was nearly 5 Billion Euro, out of which nearly 2 Billion Euro directly earmarked to Telecommunications satellites. But the importance of telecommunications to European Space Industry is not only derived of its own direct weight but also from the proportion of other sectors that heavily depend on it, like the Launcher Industry, that exists because of the telecommunications demand. It is estimated that 90% of all commercial launches are dedicated to telecommunications satellites.

ROSE (Partner #1) supports this ETP secretariat

Tasks performed:

- Presentation of FIRST project to ISI community.
- Briefings to representatives of ISI.
- Participation at ISI General Assembly and ISI SatCom Day (29th November and 1st December 2010 in Brussels) with dissemination of the FIRST project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with ISI.
- Regular information about the progress of FIRST by sending newsletters.
- Publication of an article about ISI in FIRST Newsletter n° 4 - An insight of the ISI ETP.
- Contact with Spanish mirror eISI.

2.1.3 NEM, The networked and electronic Media Technology Platform

Focus of the platform:

The main objective of the Networked and Electronic Media (NEM) European Technology Platform is to foster the development and introduction of novel **audiovisual and multimedia broadband services and applications** to benefit European citizens and enterprises. The Networked and Electronic Media (NEM) Technology Platform focuses on an innovative mix of various media forms, delivered seamlessly over technologically transparent networks, to improve the quality, enjoyment and value of life. NEM represents the convergence of existing and new technologies, including broadband, mobile and new media across all ICT sectors, to create a new and exciting era of advanced personalised services.

The major focus of NEM is on innovative services and applications that constitute different media forms delivered over a wide variety of complementary access networks (satellite, terrestrial, cable, twisted pairs, optical fibre, community installations, microwaves infrastructures, etc.) in a seamless and interactive way to a variety of end-user terminals and devices, including fixed and handheld terminals. Improving the quality, enjoyment, trust and value of the user experience is at the heart of NEM. Empowering end-users to dynamically create their environments in which the quality of access to value-added content and services is the key enabling factor.

EURESCOM (Partner #2) and ROSE (Partner #1) support this ETP secretariat

Tasks performed:

- Presentation of FIRST project to NEM community.
- Briefings to representatives of NEM.
- Participation at NEM General Assembly (13th and 14th October 2010 in Barcelona) with a presentation of the project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with NEM.
- Regular information about the progress of FIRST by sending newsletters.
- Publication of an article about NEM in FIRST Newsletter n° 2 - NEM Initiative: The European Technology Platform where New Media Content and Networks meet.
- Contact with Spanish mirror eNEM.

- ITM attended ICT2010 with others key stakeholders representing the Mexican delegation. FIRST Mexico invited two experts who represented the Mexican Technology Platform as a result of the work made by FIRST. The experts made the first contacts with their counterparts of ETP-NEM in order to establish a possible cooperation between Mexico and EU in this sector of electronic media.

2.1.4 NESSI, the European Technology Platform dedicated to Software and Services

Focus of the platform:

Europe faces a period of potentially profound changes: in social attitudes, economic conditions and the business environment. This makes **the ability to evolve continuously essential for the users of services**, and therefore also for the technology used to deliver them. Technology must be an enabler of change rather than an inhibitor. Enlargement of the European Union and the changing nature of trade with the rest of the world puts a strong emphasis on a multicultural approach to business. This cannot be simply regarded as the need to use different languages, but rather as the need to fully adapt more fully to the ways people behave and communicate in different countries and cultures.

The main focus of NESSI is that of **service**. There are many definitions of service used in different contexts. However, all of them are based on the same principle: **a service consumer does not own the service** and therefore doesn't need to be concerned with all the aspects generally associated with ownership such as infrastructure, technology, integration and maintenance. Instead he/she only needs to choose a service which meets his business needs.

THALES SERVICES (Partner #4) supports this ETP secretariat

Tasks performed:

- Presentation of the FIRST project to the NESSI Steering Committee and adoption process of the NESSI Compliant Project label for FIRST project
- Briefings to representatives of NESSI.
- Participation at NESSI Project Summit (12th and 13th April 2010 in Valencia) with dissemination of the project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with NESSI.
- Regular information about the progress of FIRST by sending newsletters.
- Publication of an article about NESSI in FIRST Newsletter n°1: NESSI in detail
- Creation of the section dedicated to international cooperation on NESSI website presenting the activities of FIRST project and the existing LATPs
- Regular information of NESSI National Initiatives Working Group about the progress of FIRST project by circulating newsletters, information related to LATPs and deliverables.
- Dissemination of FIRST material on NESSI stand during ICT 2010
- Contact with Spanish mirrors INES and es.Internet.
- Contact with Mexican Technology Platform (MTP) NESSI -MEX.
- Presentation of the FIRST objectives and results during the Internet of Services Collaboration event in Brussels, oct 19-20. The audience was composed of experts involved

in projects in the software and services area and was interested in the possibility to establish joint events or collaboration with the LATPs.

- *Service Wave 2010 (december 2010, Gent, Belgium)*: ROSE and THALES attended the Service Wave event that NESSI organizes every year. ROSE made a presentation of the FIRST objectives and the results achieved so far to a forum of experts in Software and Services. The audience demonstrated high interest in establishing links with the already constituted LATPs for further cooperation around specific Software and Services topics. The audience was also interested in the calendar of events taking place in Latin America to increase the synergy and collaboration through focused workshops.

2.1.5 ARTEMIS, the European Technology Platform for Embedded Intelligence and Systems

Focus of the platform:

The ARTEMIS technology platform brings together actors from industry, small and medium-sized enterprises, universities, research centres and European public authorities in the field of **Embedded Systems**. ARTEMIS helps to create the necessary critical mass and co-ordinate research efforts and initiatives across Europe in order to establish and implement a coherent and integrated European research and development strategy for Embedded Systems.

Embedded Systems are specialized computers used in larger systems or machines to control equipment such as automobiles, home appliances, communication, control and office machines. With the constant evolution of electronics and software technologies, and pulled even more by demand from consumers, they are increasingly becoming an integral and often invisible component of the world around us. Today, embedded systems are just about everywhere; in cars, medical devices, airplanes, factories, electrical networks, in our living rooms and at work. Embedded Systems are so universal because they add computing and communication capability to everyday products, equipping them with new, exciting functions. Already, 90% of computing devices are in Embedded Systems, and with current growth rates the number of embedded programmable components will reach 16 billion by 2010 (nearly 3 embedded devices per person on earth) and over 40 billion worldwide by 2020.

THALES SERVICES (Partner #4) supports this ETP secretariat

Tasks performed:

- Presentation of FIRST project to ARTEMIS secretariat.
- Participation at ARTEMIS General Assembly with a presentation of the project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with NESSI.
- Regular information of ARTEMIS secretaria about the progress of FIRST by sending newsletters and key deliverables.
- Publication of an article about ARTEMIS in FIRST Newsletter n° 2 – From ARTEMIS ETP to ARTEMIS Joint Undertaking and ARTEMIS-IA association.
- Dissemination of FIRST material on ARTEMIS stand during ICT 2010.

- ITM attended ICT2010 with two experts who represented the Mexican Technology Platform as a result of the work made by FIRST. The experts made the first contacts with their counterparts of ETP ARTEMIS in order to establish a possible cooperation between Mexico and EU in this sector of embedded software.

2.1.6 ENIAC, European Technology Platform on Nanoelectronics

Focus of the platform:

Nanoelectronics are the essential hardware enabler for electronic product and service innovation in key growth markets for European industry, such as telecommunications, transportation and medical technology. ENIAC, the European Technology Platform for Nanoelectronics, was launched in 2004 with the overall aim to guarantee Europe the earliest possible access to leading-edge integrated components and design skills for application in high-technology products and services, thereby reinforcing Europe's existing industrial strengths and ensuring that core intellectual property is generated and benefited from in the region.

ENIAC is created through the concerted efforts of experts from industry, academia, and public authorities across Europe. Top executives of leading European companies and research organisations have signalled their full commitment to reaching the ambitious goals set out by the SRA and the Joint Technology Initiative in Nanoelectronics proposed by the European Commission.

Tasks performed:

- Presentation of FIRST project to ENIAC community.
- Briefings to representatives of ENIAC.
- Participation at ENIAC General Assembly with a presentation of the project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with ENIAC.
- Regular information about the progress of FIRST by sending newsletters.
- Contact with Spanish mirror GENESIS.

2.1.7 EPoSS, The European Technology Platform on Smart Systems Integration

Focus of the platform:

European industry is a world leader in Microsystems and related advanced technologies. The further enhancement of product capabilities and services through evolving complexity, integration and interconnectivity will help to ensure Europe's global competitiveness. Future innovations and market success will depend on intensifying technical developments and infrastructure investments.

Smart systems integration addresses the trend toward miniaturized multifunctional devices and specialized connected and interacting solutions. Multidisciplinary approaches featuring simple devices for complex solutions and making use of shared and, increasingly, self-organizing resources are among the most ambitious challenges.

EPoSS proposes a multilevel approach incorporating various technologies, functionalities and methodologies to support the development of new visionary products. Rather than solving problems piece-meal at the components level, systems approaches offering comprehensive solutions are to be preferred. EPoSS builds upon new multidisciplinary technologies and concepts following a problem-solving approach.

Tasks performed:

- Presentation of FIRST project to ePOSS community.
- Briefings to representatives of ePOSS.
- Participation at ePOSS General Assembly with a presentation of the project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with ePOSS.
- Regular information about the progress of FIRST by sending newsletters.
- Contact with Spanish mirror HISPAROB.

2.1.8 Photonics 21, The Technology Platform for Photonics in Europe

Focus of the platform:

P21 undertakes to establish Europe as a leader in the development and deployment of **Photonics** in five industrial areas (**Information and Communication, Lighting and Displays, Manufacturing, Life Science and Security**).

Its mission is the coordination of the research and development activities in Europe among all the contributing partners from education, basic research, applied research and development to manufacturing and all relevant applications.

The entry into the "photon century" requires a shared European initiative that enables industry and research to uphold their outstanding initiatives to explore the nearly limitless future applications of light and to reap the expected benefits in terms of creating both jobs and wealth. Many important European industries, from chip manufacturing and lighting, health care and life sciences, to space, defense and the transport and automotive sectors rely on the same fundamental mastery of light. Without strong European leadership in photonics technologies, these industries will be left vulnerable to strong competition from the USA and Asia.

Tasks performed:

- Presentation of FIRST project to Photonics 21 community.
- Briefings to representatives of Photonics 21.
- Participation at Photonics 21 General Assembly with a presentation of the project.
- Contacts with key members of their steering Boards.
- Participation in conference calls and e-mail communications with Photonics 21.
- Regular information about the progress of FIRST by sending newsletters.
- Contact with Spanish mirror FOTONICA.

3 Further related activities

A significant impact in sharing awareness about FIRST project and Technology Platforms in Latin America, including large cooperation opportunities in the ICT area, has been achieved through the awareness of FIRST objectives within the ETPs. All ETPs are already briefed and ready to get involved in the cooperation with LATPs.

Mexican Technology Platform (MTP) has a Working Group on e-Health that is willing to collaborate with the ETPs involved in Future Internet as counterparts of e-Health-MTP through joint activities in order to generate common projects.

Furthermore, several FIRST articles were written targeting the demonstration of the importance of the Technological Platforms around Future Internet in Latin America and the benefits of links between LATPs and ETPs:

Newsletter n° 1:

- EU-LATAM TP's summit in Brussels: High profile transatlantic rendez-vous in September
- FIRST project paving the technologic link between Latin America and Europe
- Presentation of FIRST Project in México City
- First in Colombia: Laying the foundations for Future Internet's development in the country
- Bridging the gap between Internet communities, academia and companies
- FIRST arrives in Argentina and Chile. Let's do it!

Newsletter n° 2:

- LATPS: the path is easier where there are strong public R&D policies
- Final Users: link of strategic importance for the Future Internet / Potential areas for cooperation and key stakeholders identified in Brazil
- Potential areas for cooperation and key stakeholders identified in México
- CINTEL brings forward Colombian Framework Analysis
- Decentralized Innovation and the development of Technology Platforms
- Chile, small country, high potential
- The discovery of Future Internet potential in Argentina

Newsletter n° 3:

- Towards the launch of the Latin American Technology Platforms

- Multidisciplinary networking of research community FIRE
- Opportunities for ICT projects in Brazil
- Innovation: One of Colombia's engines for economic growth
- Cooperation in Chile and Argentina: FIRST contributes to the team building in Argentina and Chile

Newsletter n° 4:

- Brazil: Establishing Technology Platforms in Brazil
- Technology Platform in Mexico
- RECIIF – towards the definition of the SRA on future internet in Colombia
- First in 2010-2011: from Latin American Technology Platforms to the Strategic Research Agenda
- Establishing the Argentine Technology Platform: 2010 and the goals for 2011
- Chile gathers the Industry and Academia in a Technology Platform for the Future Internet

Andicom 2010

- Midiendo la innovación: el rol de las plataformas tecnológicas
- América Latina en el ICT. En busca de socios para proyectos de investigación intercontinentales
- Hacia el lanzamiento de las Plataformas Tecnológicas Latinoamericanas
- El rol de los clusters de TICs en la Estrategia de formación de La Plataforma Tecnológica Mexicana
- Innovación: una de las locomotoras de Colombia para el crecimiento económico
- Construyendo un puente entre las comunidades de Internet, Academia, empresas y gobiernos
- Crece la participación de América Latina en el ICT 2010

4 References

- [1] Net!Works (eMobility) – Mobile and Wireless Technologies - <http://www.emobility.eu.org/>
- [2] ISI – Integral SatCom Initiative – <http://www.isi-initiative.org/>
- [3] NEM – Network Electronic Media – <http://www.nem-initiative.org/>
- [4] NESSI – Software and Services – <http://www.nessi-europe.eu/>
- [5] ARTEMIS – Embedded Systems – <http://www.artemis.eu/>
- [6] ENIAC – Nanoelectronics – <http://www.eniac.eu/>
- [7] ePOSS – Smart Systems Integration – <http://www.smart-systems-integration.org/public>
- [8] Photonics – Photonics – <http://www.photonics21.org/>

Examples of presentations of FIRST to the ETPs NEM and NESSI

First

*Implementing cooperation on Future Internet, ICT Components
and systems between Europe and Latin America*

6th eMobility General Assembly

Venice, 16th September 2010

Dr. Julián Seseña, Rose Vision

The ultimate goal of this project is to
set up 5 ICT Technology Platforms in Latin America
(Argentina, Brazil, Chile, Colombia and México)

and establish **fluent links and active cooperation**
between these 5 Technology Platforms and the existing
European Technology Platforms (ETPs) in the ICT field.

These 5 Latin American Technology Platforms
(LATP) will be created around the theme **Future
Internet, ICT Components and systems.**

The internal structure of each LATP will match the
typical ETPs structure in order to facilitate the later
cooperation among LATPs and ETPs.

First

Why Latin America?



In general, cooperation with developing economies is essential for several reasons such as later adoption of European technologies. It is also the case for Future Internet.

Potential market: 570 Million inhabitants.

Good evolution: Continuous growth (>5% GDP) has been the general trend during the last years in Latin America, being one of the developing regions with major level of investments from European companies.

During and after the economical crisis...*“By 2009-Q4, many countries in the region not only regained lost ground, but even appeared to be in some respects stronger than they were before the onset of the global crisis” (LABER, 2009).*

Expected growth: The estimated average GDP growth for Latin America in next 5 years is above 4% (ECLAC, 2009).

Valuable technological partners: In the last years some Latin American companies have entered into the top 1000 R&D entities.

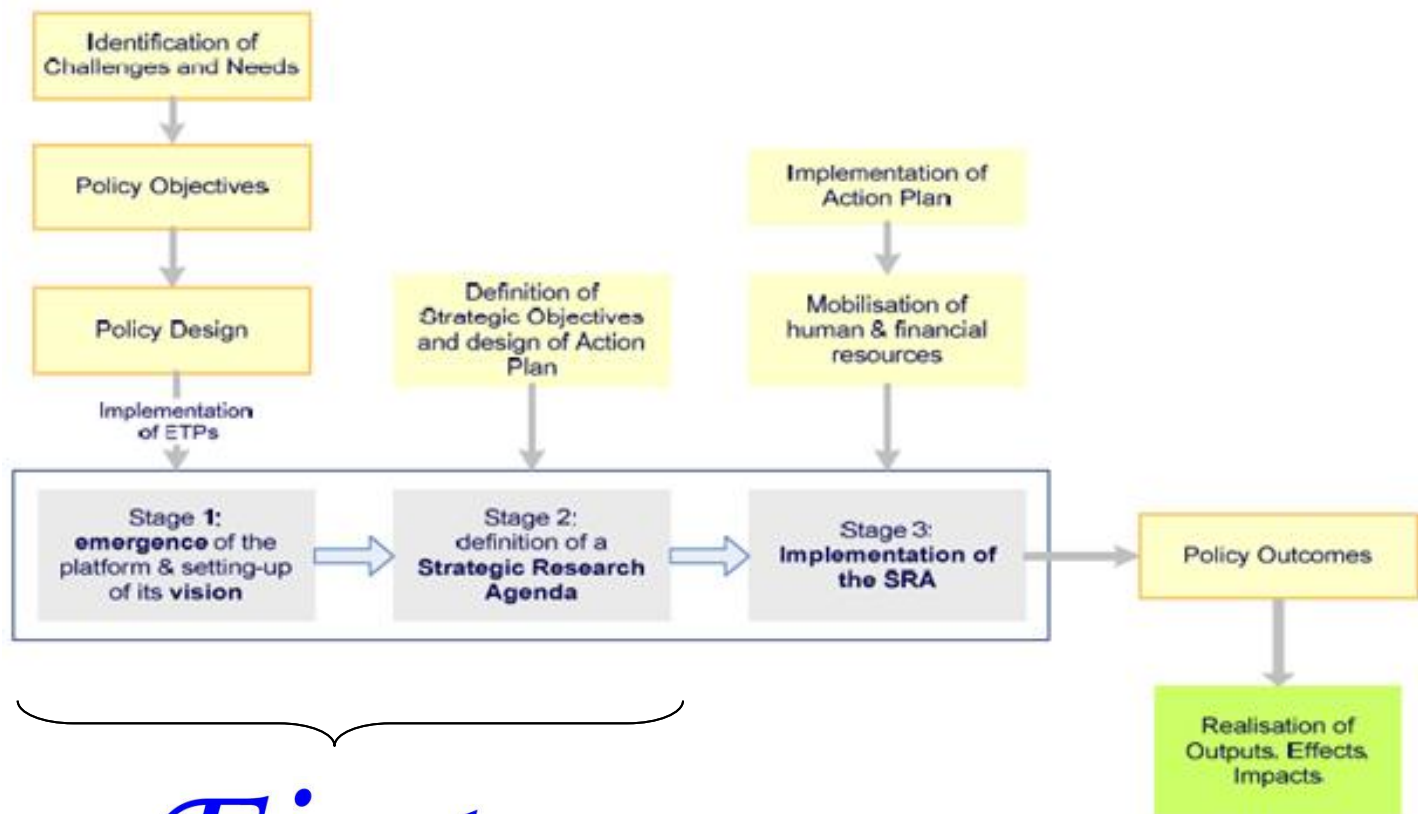
Latin America is one of the most interesting developing economies in which Europe can look for potential market and strategic partnerships

- F- **Objective 1:** Identification of key stakeholders with **technical capacity** and interest in the fields of Future Internet, and map them according to ETPs structure (eMobility, ISI, NEM, NESSI, ARTEMIS, ENIAC, EPoSS and photonics 21) and their profile (Large industry, SME, Technological centre and University).
- F- **Objective 2:** Identification of areas for potential cooperation in each of the LatAm countries targeted by FIRST. Areas will also match those ICT fields in which ETPs are focused. **Critical mass** will be key for selecting these areas.
- F- **Objective 3: Creation of Latin American Technology Platforms (LATPs)** on Future Internet and thematic working groups as counterparts of European Technology Platforms (ETPs)
- F- **Objective 4:** Creation and maintenance of links and active cooperation between ETPs and LATPs
- F- **Objective 5:** Creation of a common **EU-LatAm SRA and roadmap towards the implementation** for cooperation on Future Internet
- F- **Objective 6: Specific and targeted dissemination** to research communities in Europe through dedicated activities within ETPs General Assemblies (GA), ETPs newsletters, press releases, etc.
- F- **Objective 7: Dissemination** activities within Campus party in LatAm



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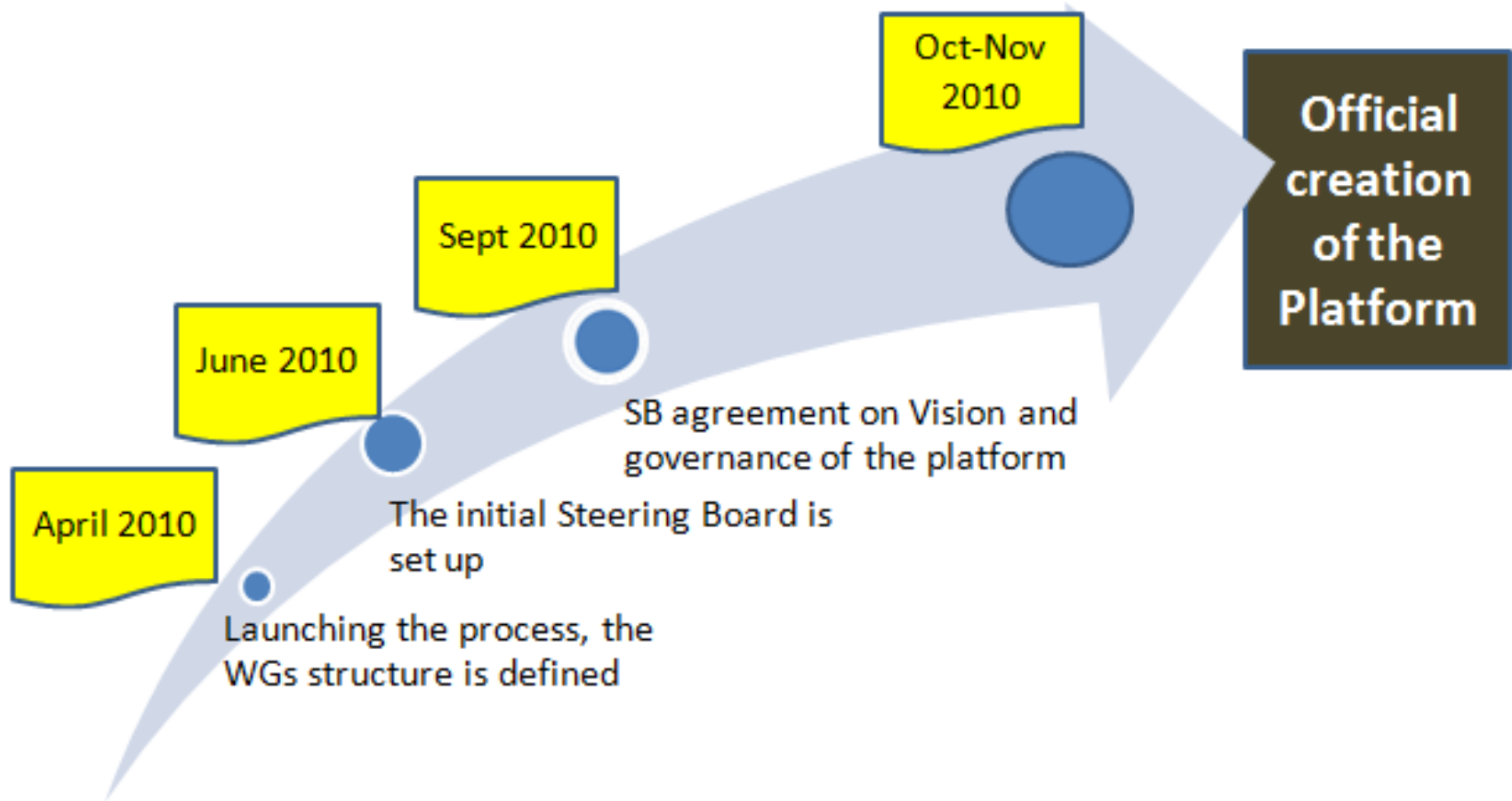
Technology Platforms – lifecycle



First + Roadmap for future implementation of EU-LatAm cooperation

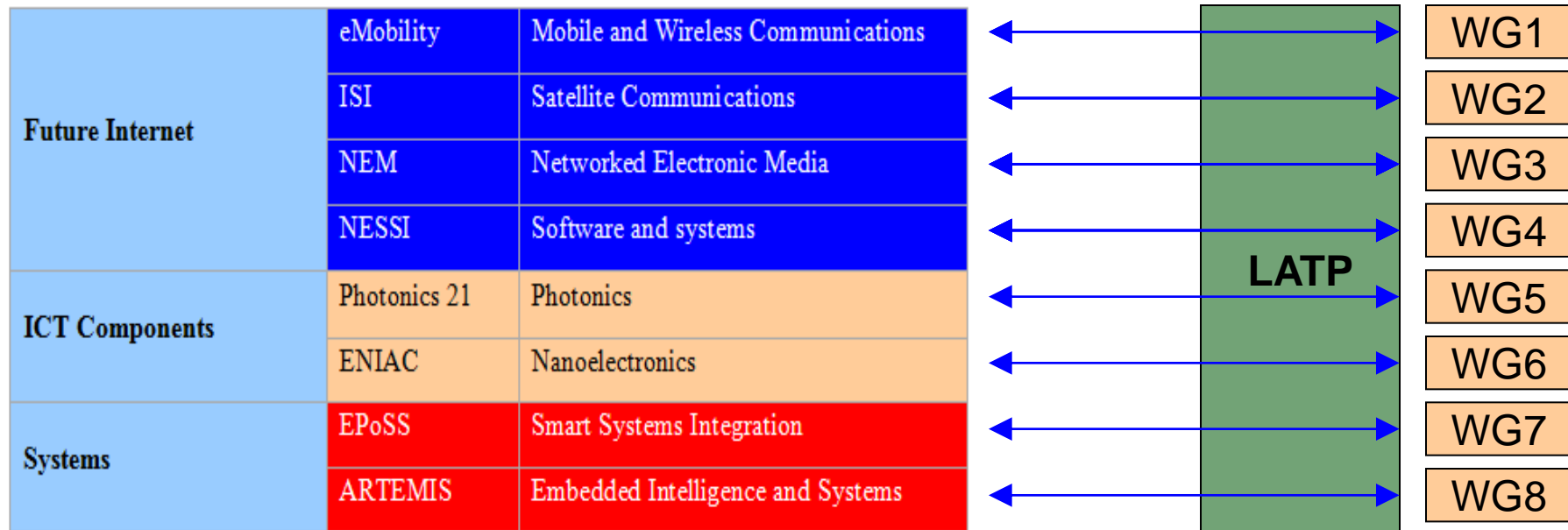
First

LATPs – Where we are?



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ETPs structure in the ICT field and coordination with LATPs

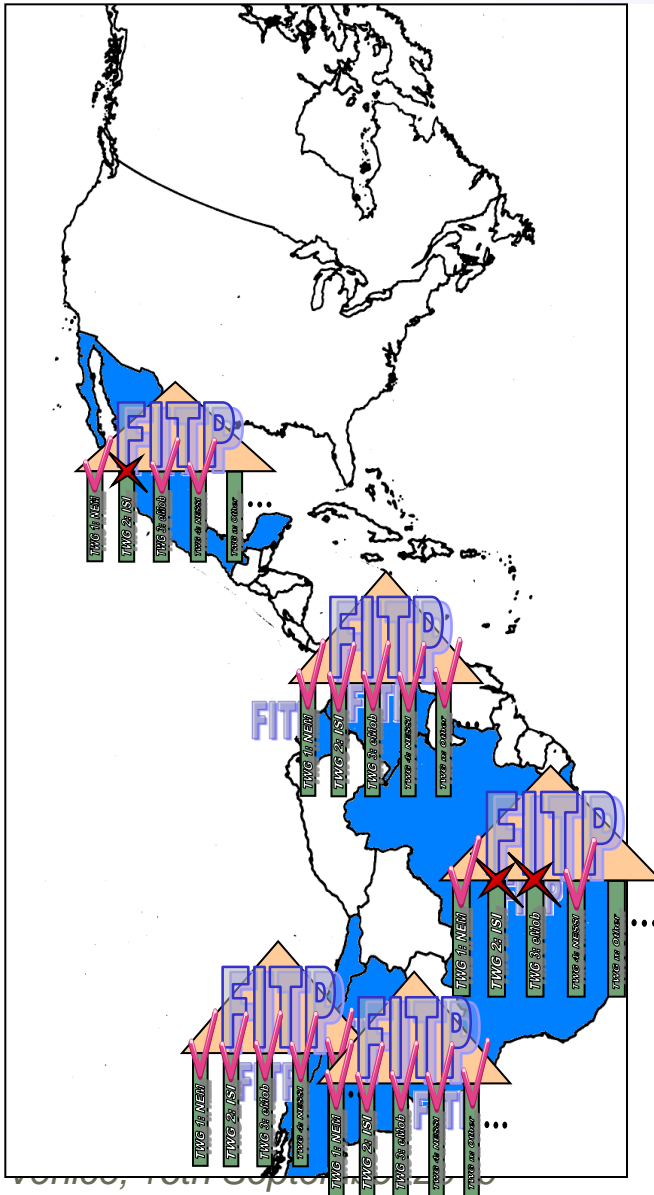


During M1-M7 the project has performed several analysis on potential areas for cooperation on sector basis (according to ETPs)

eMobility has been considered as a potential area for cooperation in all the target countries, and therefore these LATPs will include a WG focused on eMobility

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Future Internet Technology Platforms in LatAm



LATP

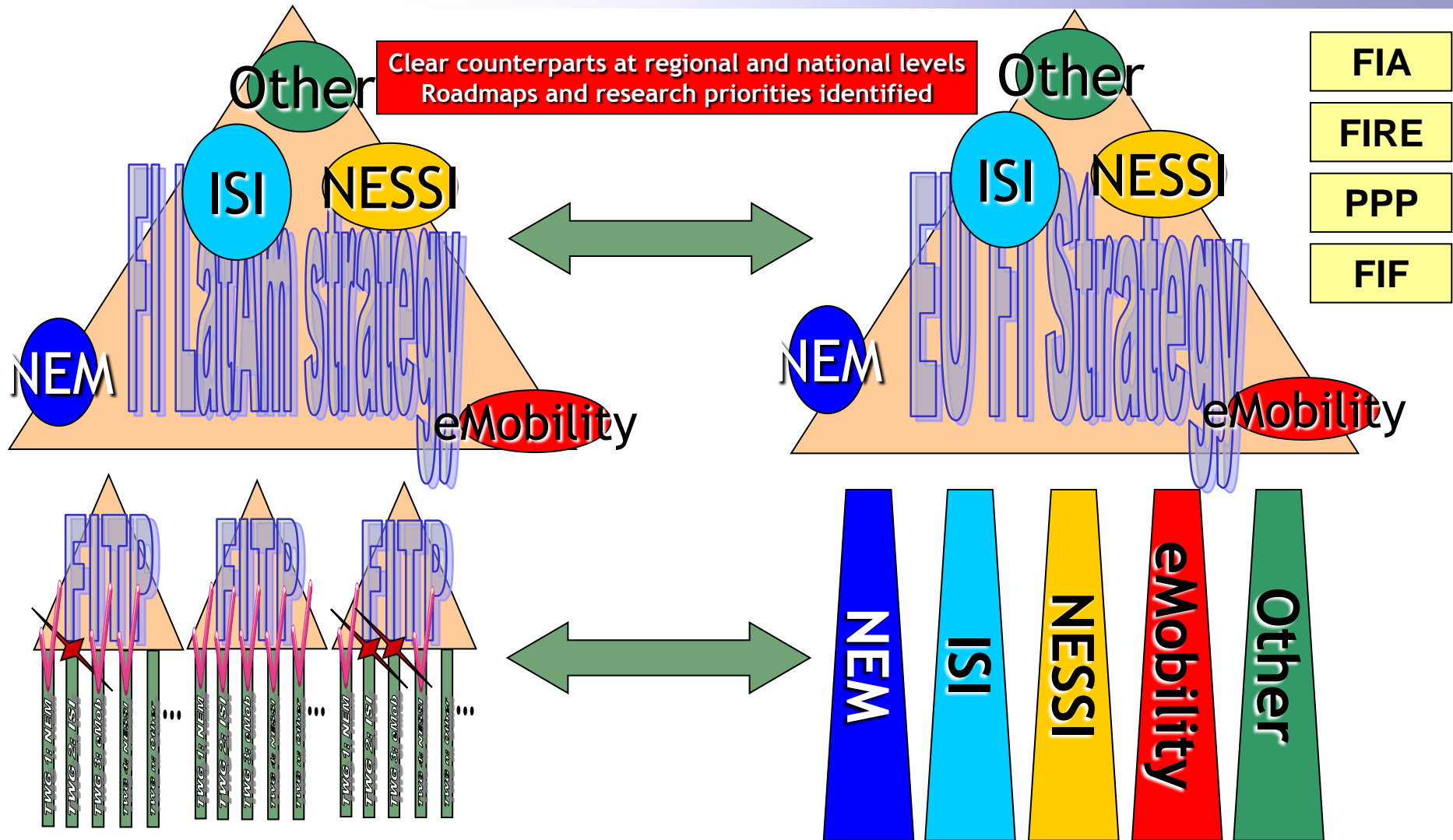
One Future Internet Technology Platform per country that will be sustained by different TWGs (Thematic Working Groups inspired in ETPs) focused on those areas in which potential for cooperation and critical mass are identified

TWGs

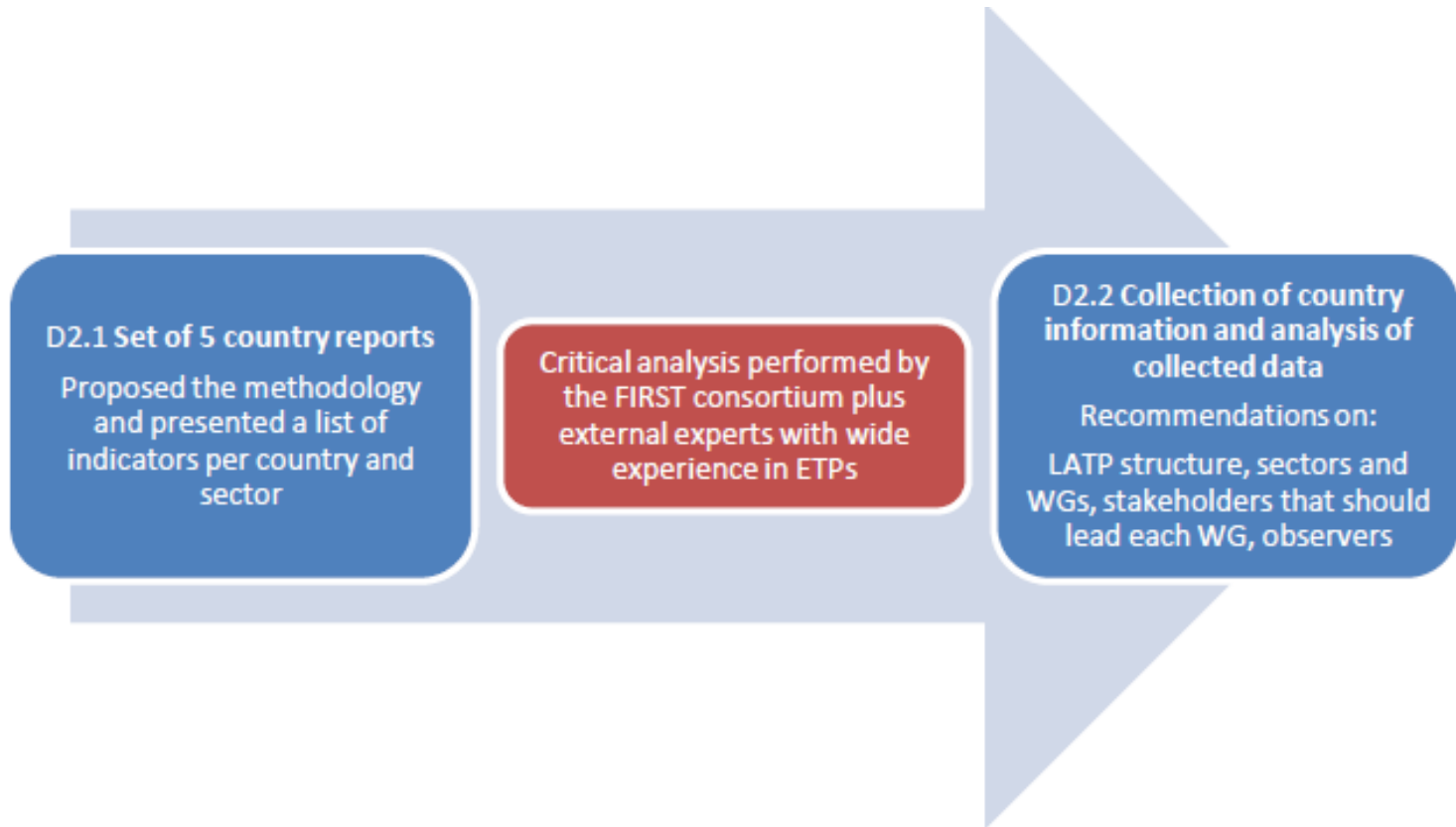
TWGs will be the counterparts of ETPs at National level... National Initiatives

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FI cooperation between Europe and Latin America – AFTER “FIRST”



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- F- Only eMobility, NEM and NESSI has showed this high interest to Latin American industry and researchers:

Table 1. Working Groups Distribution by country

	Embedded Systems	Mobile and Wireless	Nanoelectr.	Networked Electronic Media	Photonics	Satellite Commun.	Smart Systems	Software and Services
AR	X	X	X	X			X	X
BR	X	X		X	X			X
CL	X	X		X			X	X
CO		X		X				X
MX	X	X	²	X	X		X	X

- F- Future Internet LATPs have still not been officially launched and already **more than 370 entities** are involved.
- F- These figure only considers the **5 countries** where the project is active.
- F- Among these initial members there is a high presence of **industry** with around **40% of membership**.
- F- These figures are comparable to the ones obtained in the early stages of the creation of ETPs.
- F- Initial membership per country:

Country	Initial members (Founders group)
Argentina	61
Brazil	54
Chile	42
Colombia	60
Mexico	157
TOTAL	374



	ICT Research Area		Proposed Coordinator	Org. Type	Members Number
<i>F-</i> Argentina:	Mobile and Communication	Wireless	LIFIA	RC	9
<i>F-</i> Brazil:	Mobile and Communication	Wireless	Polytechnic School Un. Sao Paulo	Univ.	17
<i>F-</i> Chile:	Mobile and Communication	Wireless	ProteinLab - UTEM	RC	10
<i>F-</i> Colombia:	Mobile and Communication	Wireless	Comcel	LC	23
<i>F-</i> Mexico:	Mobile and Communication	Wireless	Dynaware	LC	59

Details on complete membership per country and working group are available at D2.2 LATPs country matrix



For ETPs the LATPs will be **natural extensions** of their constituencies, bringing international cooperation contributions to the ETPs day-by-day activities in a structured and coordinated way.

LATPs will be a direct way for ETPs to **extend the influence** of their SRAs to Latin America.

LATPs will facilitate the **identification of partners** and cooperation opportunities.

Thanks to LATPs, **European priorities and strategies on Future Internet R&D will be widely disseminated**, making easier the later implementation and adoption of European technologies.

FIRST and LATPs will involve in key European activities such as FIA, FIRE, PPP on Future Internet, etc. in order to complement these activities with the **international cooperation dimension, focusing on opportunities for cooperation with developing economies**

For general information please visit our website:

www.latin-american-technology-platforms.eu

If you want to check which are the potential areas for cooperation in the countries addressed by the project, please read the project deliverables **D2.1 National reports** or **D2.2 LATPs country matrix** available at:

http://www.latin-american-technology-platforms.eu/docs/FIRST_D2.1_National_reports_v1.0.pdf

Any feedback to the documents will be welcomed.

A further workshop is planned at Andicom 2010 in Cartagena de Indias, Colombia

In 2011, the FIRST project will organise the **EU-LatAm Technology Platforms Summit** and eMobility will be one of the most relevant ETPs invited to join the Summit Organizing Committee. (*Dates still to be announced*)

First Consortium

- ▶ **Rose Vision, S.L. - ROSE**
- ▶ **Eurescom – European Institute for Research and Strategic Studies in Telecommunications - GMBH EURESCOM**
- ▶ **Technical support for European organisations sprl - TESEO**
- ▶ **Thales Services SAS - THALES SERVICES**
- ▶ **Universidade De Sao Paulo - USP**
- ▶ **Instituto Tecnologico y de Estudios Superiores de Monterrey - ITESM**
- ▶ **Centro de Investigación de las Telecomunicaciones - CINTEL**
- ▶ **Futura Networks do Brasil Consultoria Lda – FBR**
- ▶ **Federación de asociaciones de Latinoamérica el Caribe y España de Entidades de Tecnologías de la información - ALETI**

First

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Thank you very much

Project coordinator:

FIRST Team at ROSE

Dr. Julián Seseña (jsesena@rose.es)

Antonio Alfaro (alfaro@rose.es)

Tonny Velin (tvelin@rose.es)

Rafael García (rafael.garcia@rose.es)

First

Implementing cooperation on Future Internet, ICT Components and systems between Europe and Latin America

Julie Marguerite – Thales
Tonny Velin – Rose Vision

Brussels, 20th October 2010

The ultimate goal of this project is to **set up 5 ICT Technology Platforms** in Latin America (Argentina, Brazil, Chile, Colombia and México)

and establish **fluent links and active cooperation** between these 5 Technology Platforms and the existing European Technology Platforms (ETPs) in the ICT field.

These 5 Latin American Technology Platforms (LATP) will be created around the theme **Future Internet, ICT Components and systems.**

The internal structure of each LATP will match the typical ETPs structure in order to facilitate the later cooperation among LATPs and ETPs.

- ▶ ETPs as a channel for :
- ▶ establishment of a cooperation framework for the synchronization of research policies, and the elaboration of co-funding projects.
- ▶ contribution to a better articulation of funding instruments between EU and Lat Am to lay down the conditions for bilateral calls on common ICT research priorities.

Future Internet Technology Platforms in LatAm

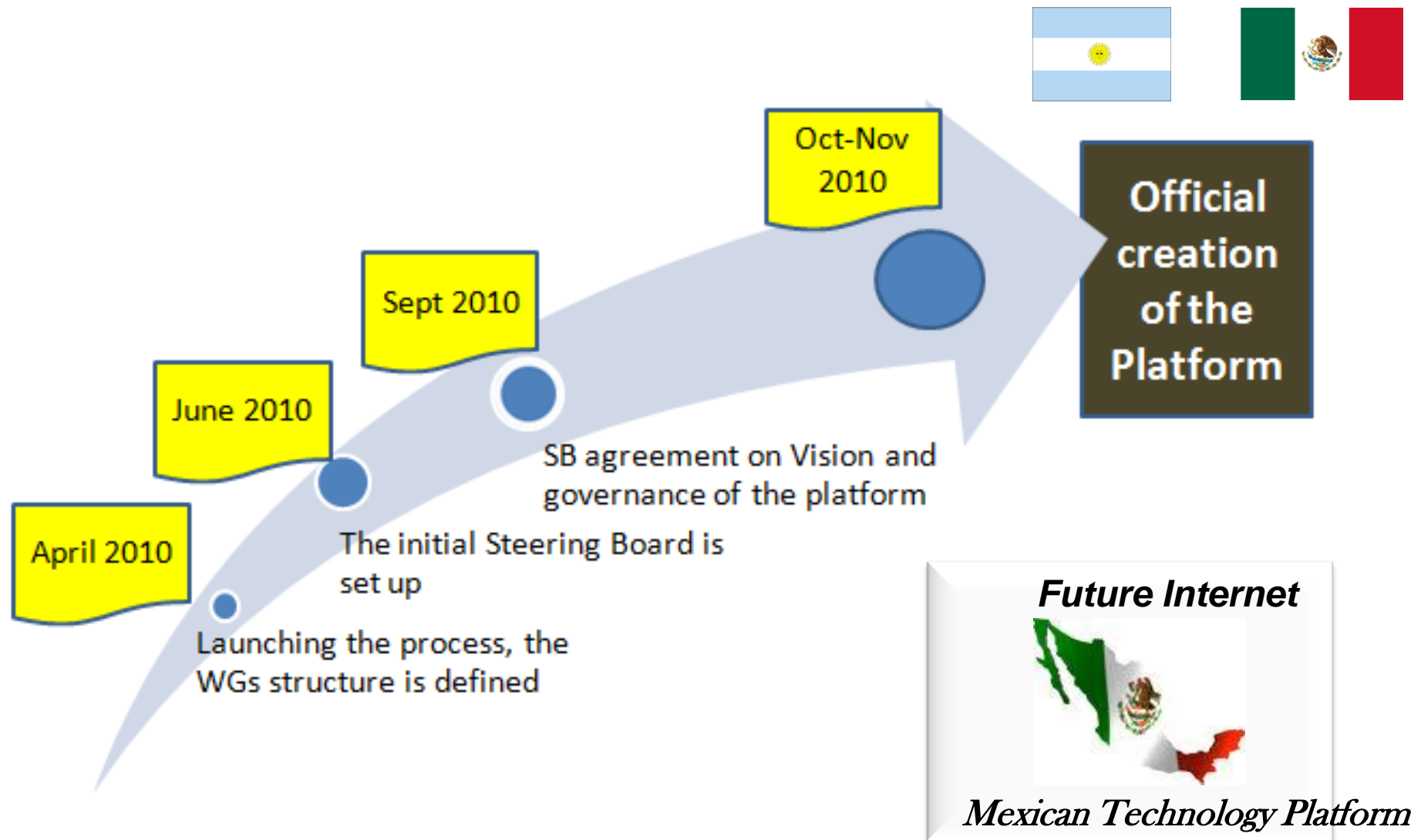


One Future Internet
Technology Platform per
country that will be
sustained by different TWGs
(Thematic Working Groups
inspired in ETPs) focused
on those areas in which
potential for cooperation and
critical mass are identified

TWGs will be the counterparts of ETPs at National level... National Initiatives

First

LATPs – Where we are?



- F- NESSI has showed high interest to Latin American industry and researchers
- F- Promote and synchronize NESSI SRA with with LA agendas
- F- Channel for better collaboration on bilateral calls (i.e Brazil in call 7)

Table 1. Working Groups Distribution by country

	Embedded Systems	Mobile and Wireless	Nanoelectr.	Networked Electronic Media	Photonics	Satellite Commun.	Smart Systems	Software and Services
AR	X	X	X	X			X	X
BR	X	X		X	X			X
CL	X	X		X			X	X
CO		X		X				X
MX	X	X	2	X	X		X	X



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Thank you very much

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