B3 regions: Regions for Better Broadband Connection. Carlos Cabo

FUNDECYT

Sphera National Conference.
17/09/2009. Algarve

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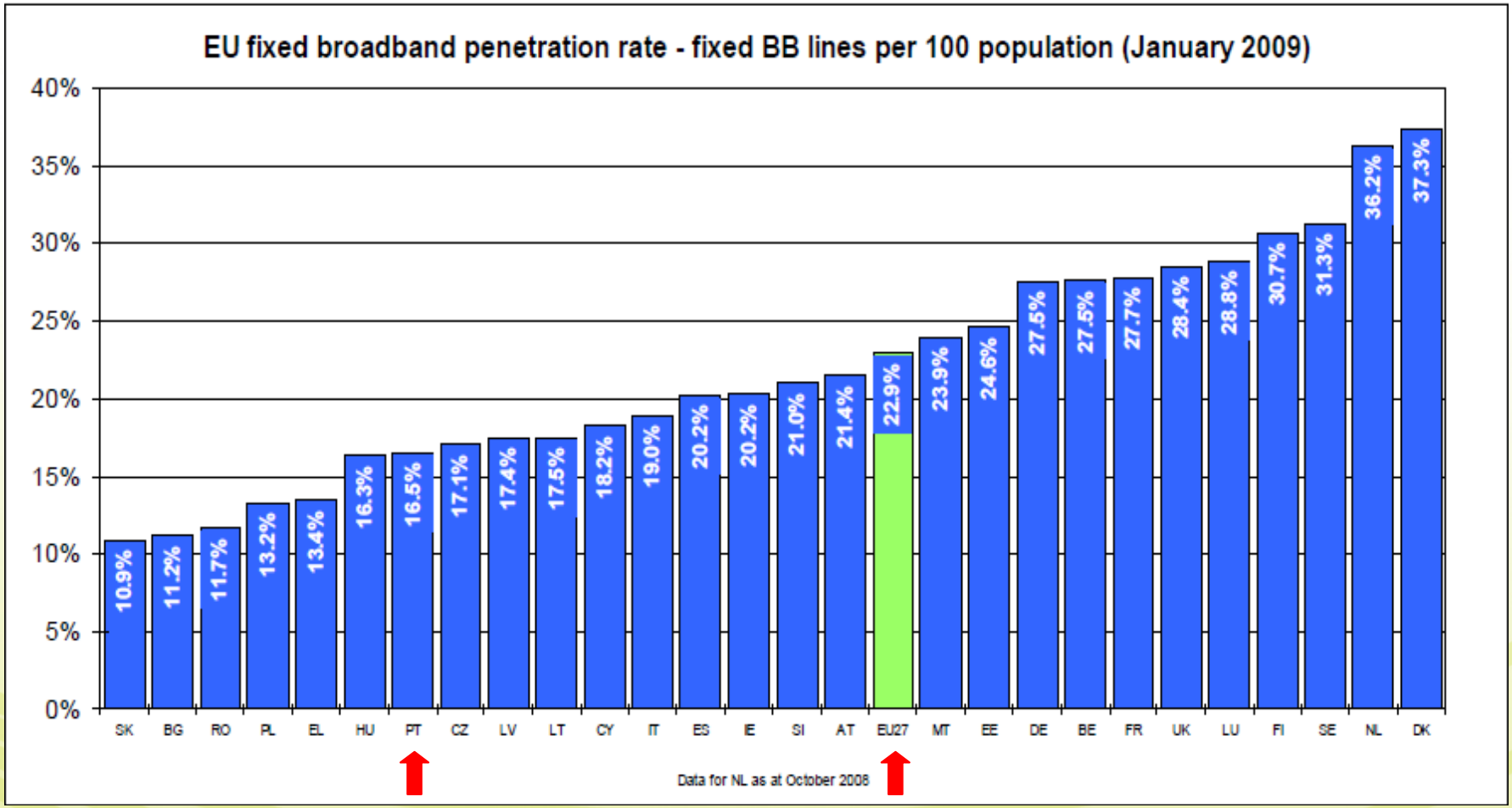
State of the art of Broadband access / Estado del Arte del Acceso a la Banda Ancha



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Why Promoting Broadband is a strategic sector? / ¿Por qué la Promoción de la Bancha Ancha es un Sector Estratégico?

¬ Lisbon Strategy: EU - the most competitive knowledge-based economy of the world / Estrategia de Lisboa: Convertir a la UE en la economía más competitiva del mundo basada en el Conocimiento

— Enhance economic growth and performance / Aumentar el crecimiento y rendimiento económico.
— Avoid social and economic exclusion / Evitar la exclusión social y económica.
— Increase job creation and retention / Incrementar la creación y mantenimiento de los puesto de trabajo.
— Improve health and education services / Mejorar los servicios educativos y sanitarios.

¬ i2010: Priority for the Union to ensure that less favoured regions can fully participate in the Information Society / i2010: Una de las Prioridades de la UE es garantizar que las Sociedades menos favorecidas participen plenamente de la Sociedad de la Información.

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B3 regions project summary / Resumen del Proyecto B3 regions

Project Title / Título del Proyecto:	**Regions for Better Broadband Connection**
Acronym / Acrónimo:	*B3 Regions*
Programme / Programa:	INTERREG IVC Programme
Priority / Prioridad:	Innovation and the knowledge economy
Sub-theme / Sub-Tema:	Information Sociey
Duration / Duración:	2008.09-2010.08
Leading partner / Coordinador:	Region of Piamonte
Website / Página web:	http://www.b3regions.eu

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Overall objective / Objetivo General

'B3 Regions' aims to create European network composed by 16 public authorities representing 8 different Member States, aiming to improve their innovation policies by transferring their best practices related to regional implementation of ICT connections into 2007-2013 Structural Funds programmes.

El objetivo de 'B3 Regions' es crear una Red Europea compuesta por 16 autoridades públicas de 18 Estados Miembros diferentes, dirigida a mejorar sus políticas de innovación a través de la transferencia de sus buenas prácticas relacionadas con la implementación de las TIC´s dentro de los programas de Fondos Estructurales 2007-2013.

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The project has two principal activities / El proyecto tiene dos actividades principales

Sharing knowledge and experiences concerning Broadband in order to help to the Managing Authorities involved to the development of their telecommunication action plans into the Operational Programmes 2007-2013.

Compartir conocimientos y experiencias relacionadas con la Banda Ancha para apoyar a las Autoridades de Gestión encargadas del desarrollo de sus planes de acción de telecomunicaciones dentro de los Planes Operativos 2007-2013.

Dissemination process that will spread the benefits achieved among the consortium to external stakeholders and that will particularly target Managing authorities and ICT agencies willing to implement successful Broadband strategies through structural funds.

Difundir ampliamente los beneficios obtenidos por los distintos socios del proyecto y dirigidos en particular hacia las Autoridades de Gestión y Agencias de Nuevas Tecnologías que serán las encargadas de desarrollar las estrategias de Banda Ancha a través de los Fondos Estructurales.

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REGIONS FOR BETTER BROADBAND CONNECTION

Partners

CSI-Piemonte ITALY

Region of Piamonte Italy

Region of Lodz
POLAND

City of Lodz
POLAND

Region of
Malopolska
POLAND

Region of Sardinia ITALY

Region of Lower
Silesia POLAND

NYnet - UK

National Communications
Authority HUNGARY

CC.AA. Cataluña
Spain

iCentres
BULGARIA

Fundecyt
Spain

University of Crete
GREECE

Region of Crete
GREECE

University of Cyprus
CYPRUS

Region of Sterea
Ellada GREECE

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Actions lines / Ejes de actuación

- Demand Aggregation / Agregación de demanda
- E-Government services and management of the infrastructure / e-Gobierno y gestión de las infraestructuras
- State aids Regulation / Ayudas de Estado
- Education Services / Aplicaciones para la Educación
- ICT Observatories and Integrated Portals / Observatorios TIC´s y Portales Integrados
- Access in remote rural coastal mountain areas / Acceso a áreas remotas, costeras y montañosas
- EU broadband search engine / Herramienta de búsqueda de banda ancha en UE
- Prublic Private Partnership and funding models / Agrupaciones Público Privadas y modelos de negocios

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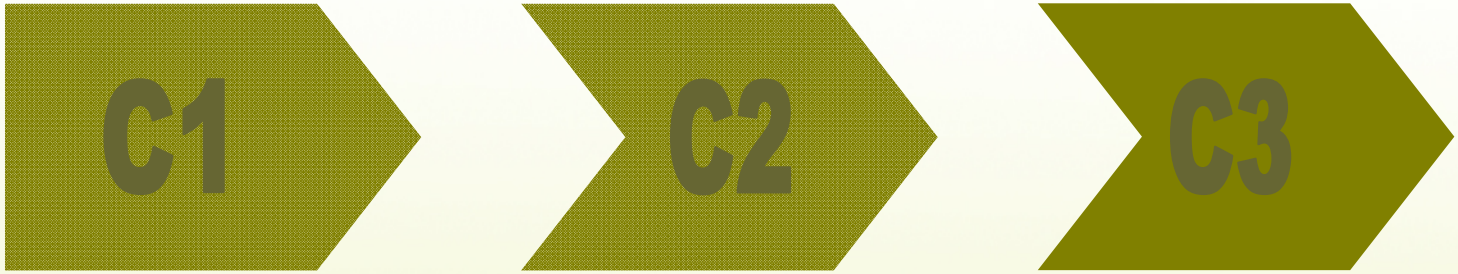
Metodology / Metodología

B3 Regions is structured according to 3 main processes strongly interrelated to deliver the main output of the project: **the action plans.**



Component 3 Exchange of Experiences / Intercambio de experiencias

Component 2 Communication and Dissemination / Difusión y Comunicación

Component 1 Project Coordination and Management / Coordinación y Gestión del Proyecto

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Metodology / Metodología

C2

Communication and dissemination

Comunicación y Difusión

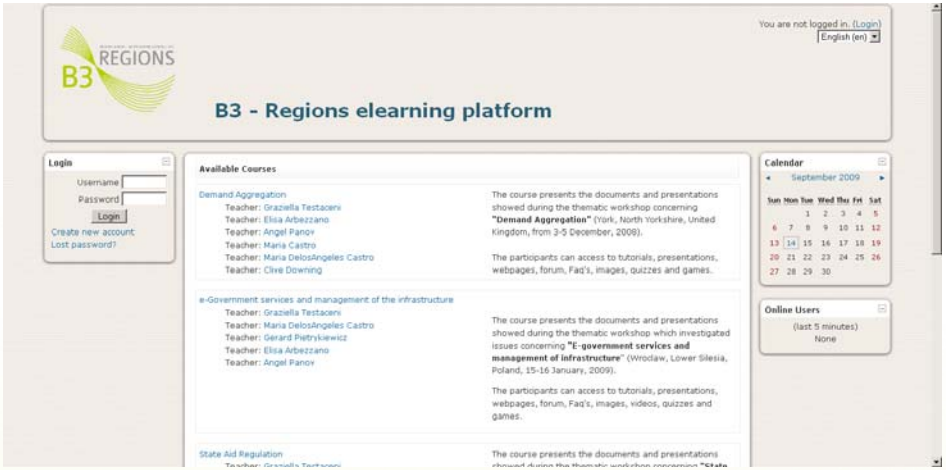
This component aims at making relevant stakeholders across EU **aware of the project's activities and results**

Este componente tiene como objetivo hacer llevar a todos los stakeholders de la UE, los **resultados y actividades del proyecto**

Project website / Página web: www.b3regions.eu
International recognition / Reconocimiento Internacional:

- The B3 Regions project was presented at the National Convention on the Communication Technologies. 14th May 2009 in Sasso Marconi (Italy).
- B3 Regions Launch Conference took place on the first day of the "European Regions for better ICT connections" event that was held on 2-3 April, 2009 in Turin, Italy
- B3 Regions was presented during the "Regions for Economic Change" Conference in Brussels, 16-17 February, 2009
- B3 Regions was presented during the Interreg IVC Interregional Cooperation Forum in Lille, France on 27-28 October, 2008

Metodology / Metodología



C2

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E-Learning modules

/ Módulos de formación on-line

Online dissemination foresees the production of specialised e-learning modules to spread broadband good practices and the action plan support tool.

Se relizará una difusión a través de la producción de módulos de formación on-line para obtener una mayor difusión de las buenas prácticas y de la herramienta de apoyo al plan de acción.

http://merope.ucnet.uoc.gr/b3regions

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www.interreg4c.net

Metodology / Metodología

C3

Experiences Exchange

Intercambio de Experiencias

Exchange of experiences dedicated to the transfer of good practices into EU Structural Funds mainstream programmes
Intercambio de Experiencias dedicadas a transferir buenas prácticas dentro de los principales programas Financiados con Fondos Estructurales de la UE

- Study visits / Visita de estudio
- Twinnings / Hermanamiento
- Thematic forums / Seminarios temáticos
- Action plan support tool / Herramientas de acción para el Plan de Acción

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Metodology / Metodología

C3

Experiences Exchange

Intercambio de Experiencias

Study visits will involve policy makers and technical experts and will be organised in the regions with most advanced development of broadband projects financed under Structural Funds 2000-2006

Las Visitas de Estudio implicará a los expertos técnicos y políticos y se organizarán en las regiones más avanzadas de projectos financiados por los Fondos Estructurales 2000-2006

Study visits

/ Visita de estudio

Till today, more than 15 study visits have been organized among the main project partners.

A día de hoy, se han llevado a cabo más de 15 visitas de estudio entre los principales socios del proyecto.

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Metodology / Metodología

C3

Experiences Exchange

Intercambio de Experiencias

Twinnings will be realised through staff exchange: experts from regions that have realised broadband connection under Structural Funds 2000-2006, will help regions that will do that under Structural Funds 2007-2013 in the development of the action plans

Los Twinning se llevarán a cabo a través del intercambio de personal experto: Expertos de regiones donde se han realizado projectos de banda ancha ayudarán a las regiones que desarrollarán los Planes de Acción bajo los Fondos Estructurales 2007-2013

Twinning

/ Hermanamientos

Till today, more 7 Twinnings have been organized among the main project partners.

A día de hoy, se han llevado a cabo 7 twinnings entre los principales socios del proyecto.

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Metodology / Metodología

C3

Experiences Exchange

Intercambio de Experiencias

Thematic forums were launched in order to discuss and deepen the most interesting topics and issues.
Los Foros temáticos tienen el objetivos de discutir en profundidas las temáticas más interesantes del proyecto

Thematic forums

/ Seminarios temáticos

Organized **5 thematic workshops** for exchange of experience and best practices in the following areas:

- Demand aggregation: December 2008, UK
- E-Government: January 2009, Poland
- State Aid: March 2009, Spain
- eLearning Services / Servicios para la formación a distancia. June 2009, Grecce
- ICT Observatory / Observatorio de S.I.. July 2009, Italy

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Metodology / Metodología

C3

Experiences Exchange

Intercambio de Experiencias

Thematic forums were launched in order to discuss and deepen the most interesting topics and issues.
Los Foros temáticos tienen el objetivos de discutir en profundidas las temáticas más interesantes del proyecto

Thematic forums

/ Seminarios temáticos

The rest of **thematic workshops** for exchange of experience and best practices in the following areas are:

- Access in remote rural coastal mountain areas
- EU broadband search engine
- Public Private Partnership and funding models

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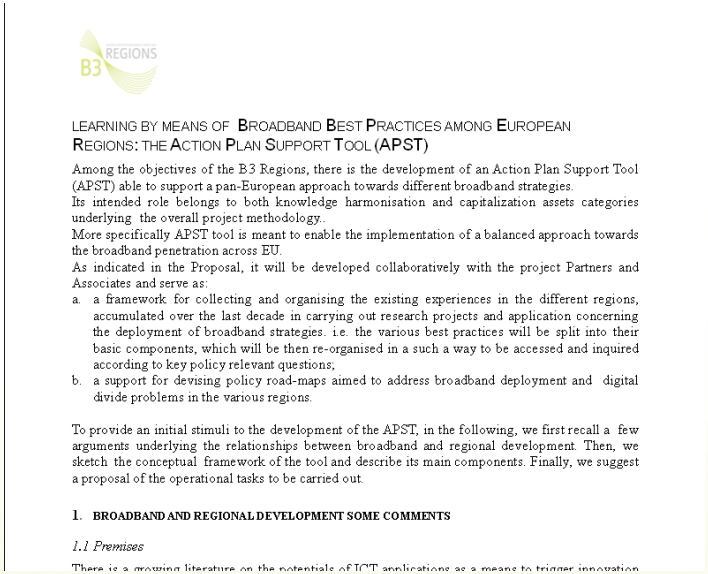
Metodology / Metodología

C3

Experiences Exchange

Intercambio de Experiencias



LEARNING BY MEANS OF BROADBAND BEST PRACTICES AMONG EUROPEAN REGIONS: THE ACTION PLAN SUPPORT TOOL (APST)

Among the objectives of the B3 Regions, there is the development of an Action Plan Support Tool (APST) able to support a pan-European approach towards different broadband strategies.
Its intended role belongs to both knowledge harmonisation and capitalization assets categories underlying the overall project methodology..
More specifically APST tool is meant to enable the implementation of a balanced approach towards the broadband penetration across EU.
As indicated in the Proposal, it will be developed collaboratively with the project Partners and Associates and serve as:

a. a framework for collecting and organising the existing experiences in the different regions, accumulated over the last decade in carrying out research projects and application concerning the deployment of broadband strategies. i.e. the various best practices will be split into their basic components, which will be then re-organised in a such a way to be accessed and inquired according to key policy relevant questions;
b. a support for devising policy road-maps aimed to address broadband deployment and digital divide problems in the various regions.

To provide an initial stimuli to the development of the APST, in the following, we first recall a few arguments underlying the relationships between broadband and regional development. Then, we sketch the conceptual framework of the tool and describe its main components. Finally, we suggest a proposal of the operational tasks to be carried out.

1. BROADBAND AND REGIONAL DEVELOPMENT SOME COMMENTS

1.1 Premises

There is a growing literature on the potentials of ICT applications as a means to trigger innovation

Action Plan Support Tool will be formed by different best practices split in their basic components and arranged by theme: administrative organisation, market status, undertaken actions, quantitative and qualitative impact measurement of such actions

La herramienta de apoyo al Plan de Acción estará formado por distintas buenas prácticas de manera general y por temáticas: organización administrativa, estado del mercado, acciones llevadas a cabo, medidas de impacto de las acciones, tanto cuantitativa, como cualitativas.

Action Plan Support Tools

/ Herramientas de apoyo al Plan de Acción

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A día de hoy, se han llevado a cabo más de 15 visitas de estudio entre los principales socios del proyecto.

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Experiences Exchange (An Example)/ Intercambio de Experiencias (Un ejemplo de transferencia)

Extremadura Strategy for Information Society / Estrategia de Extremadura para la S.I.

Extremadura in 2000

- Over one million of inhabitants in 41,602 km^2. Population density: 25.7 inhabitants/km^2 (average density in Europe, 116.8 inhabitants/km^2) / Alrededor de 1 millón de habitantes en 41.608 km2. Densidad de población: 25.7 hab/km2. (densidad media europea 116.8 hab/km2.)
- After services (59.85%), farming is the second sector employing workers, with 16.6% of all employed persons in the region / Gran importancia del sector Servicios (59.85 %), seguido del sector agrario con un 16.6 %.
- Unemployment rate: 22% / Ratio de desempleo: 22 %

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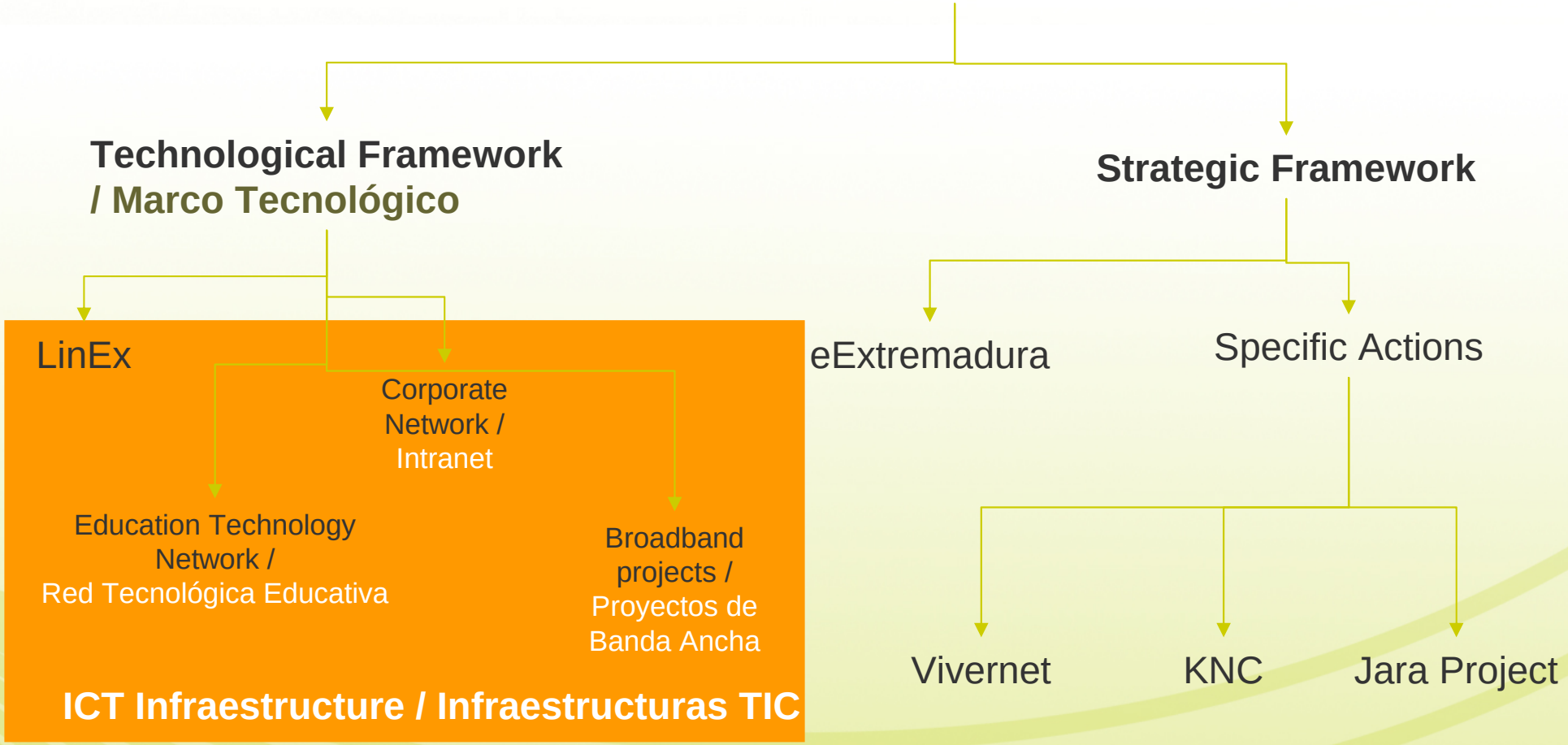
2000-2006

Extremadura Strategy for Information Society



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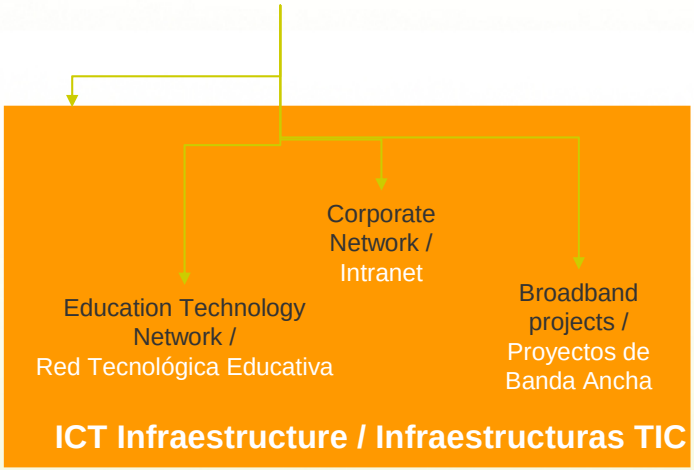
Technological Framework / Marco Tecnológico



Education Technology Network / Red Tecnológica Educativa

Education Technology Network supposed the integration of Information and Knowledge Society into the Educative System of Extremadura
La Red Tecnológica Educativa de Extremadura supuso la integración de la Sociedad de la Información y del Conocimiento en el Sistema Educativo de Extremadura

Through / Mediante

Communication infrastructures / Infraestructura de comunicaciones

In 2001, all educative centres in Extremadura were connected with 2 Mb connection speed
En 2001, se unieron todos los centros educativos de Extremadura con una conexión de 2Mb

Telecommunication Equipment / Equipamiento informático

466.289 computers / 466.289 ordenadores.
1 server in each educative centre / Un servidor en cada Centro.
1 computers/ 2 pupils in Secondary Schools / 1 ordenador para cada 2 alumnos en Secundaria
1 computer / 6 pupils in Primary School / 1 ordenador por cada 6 alumnos en primaria

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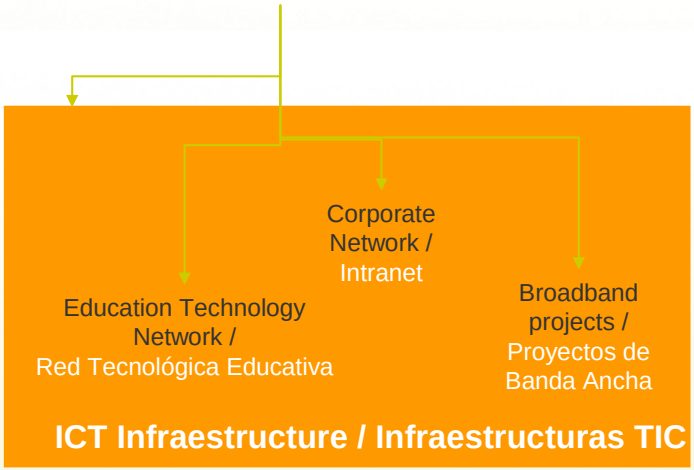
Technological Framework / Marco Tecnológico



Broadband projects / Proyectos de Banda Ancha

I Broadband extension plan / I Plan de Extensión de la Banda Ancha

Extremadura was the first region in Spain to connect its whole territory with broadband connection.
Extremadura fue la primera Comunidad Autónoma de España en disponer Banda Ancha en el 100 % de sus poblaciones.
http://www.adslextremadura.info/

II Broadband extension plan / II Plan de Extensión de la Banda Ancha

The objective of this Plan was to extend broadband connection to rural areas and isolated localities outside urban areas in Extremadura
El objetivo del nuevo plan consiste en extender la accesibilidad a Internet mediante banda ancha a emplazamientos aislados localizados fuera de los núcleos urbanos
http://bandaancha.juntaextremadura.net

Scientific and Technological Network / Red Científico Tecnológica

This network will do possible to all R&D institutes to have access to other networks through bandwith higher than the normal ones.
Esta red posibilitará el acceso de todos los Centros de Investigación y Desarrollo a redes de telecomunicaciones con anchos de banda mayor de los normales.
http://rct.juntaextremadura.net

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Our idea / Nuestra Idea

Share Knowledge to IMPROVE

/

Compartir Conocimiento para MEJORAR

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Muito obrigado
Mucha gracias
Thank you very much

For more information: carlos.cabo@fundecyt.es

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