

EJEMPLO DE GRANDES INICIATIVAS - I: EUROPEAN INNOVATION PARTNERSHIPS

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Estrategia Europa-2020...

Ya en 2010 la EC apuntó una serie de retos/desafíos...

- Recuperación económica,
- Creación de empleo,
- Educación, movilidad & nuevas capacidades,
- Lucha contra la pobreza,
- Mejora de la competitividad Industrial,
- Cambio Climático & recursos naturales...



Objetivos de la estrategia Europe-2020...

- Empleo:**
 - 75% de personas entre 20 y 60 años de edad**
- Inversión en I+D**
 - 3% del PIB**
- Cambio climático/energía**
 - Emisiones de gas efecto invernadero 20% (ó 30%) inferior al valor en 1990**
 - 20% de la energía producido por renovables**
 - 20% de aumento en la eficacia de la energía**
- Educación**
 - Reducción por debajo del 10% de la tasa de abandono escolar**
 - Alcanzar como mínimo el 40% de personas entre 30 y 34 años de edad que completen educación de tercer nivel**
- Pobreza y exclusión social**
 - Disminuir en 20 millones el número de personas ya pobres y excluidas socialmente o con riesgo de caer en la pobreza y en la exclusión social.**

Cómo atacar los retos/desafíos? Flagship Initiatives...

Crecimiento Inteligente

- Agenda digital para Europa
http://ec.europa.eu/information_society/digital-agenda/index_en.htm
- Unión por la Innovación http://ec.europa.eu/research/innovation-union/index_en.cfm
- Juventud en movimiento http://ec.europa.eu/youthonthemove/index_en.htm

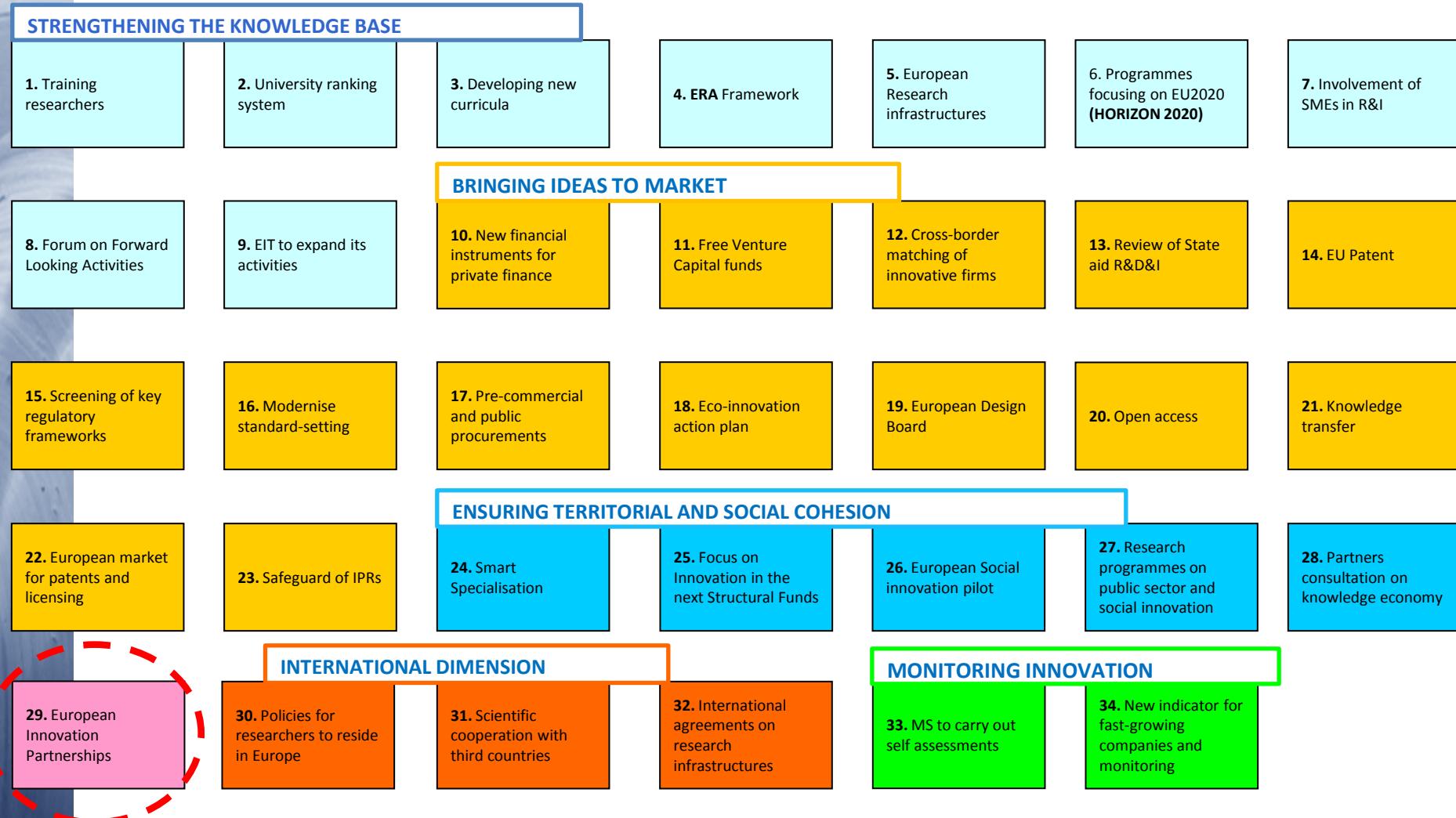
Crecimiento Sostenible

- Una Europa que utilice eficazmente sus recursos http://ec.europa.eu/resource-efficient-europe/index_en.htm
- Política industrial para la era de la mundialización
http://ec.europa.eu/enterprise/policies/industrial-competitiveness/industrial-policy/index_en.htm

Crecimiento Inclusivo

- Una agenda de nuevas cualificaciones y empleos
<http://ec.europa.eu/social/main.jsp?langId=es&catId=958>
- Plataforma europea contra la pobreza
<http://ec.europa.eu/social/main.jsp?catId=961&langId=es>

Innovation Union at a glance



The Approach of EIPs ...

To accelerate and scale up the development and deployment of innovative solutions to major societal challenges ...

... with an approach that is:

- Challenge-driven
- Acting across the whole research and innovation chain
- Streamlining, simplifying and better coordinating existing instruments and initiatives



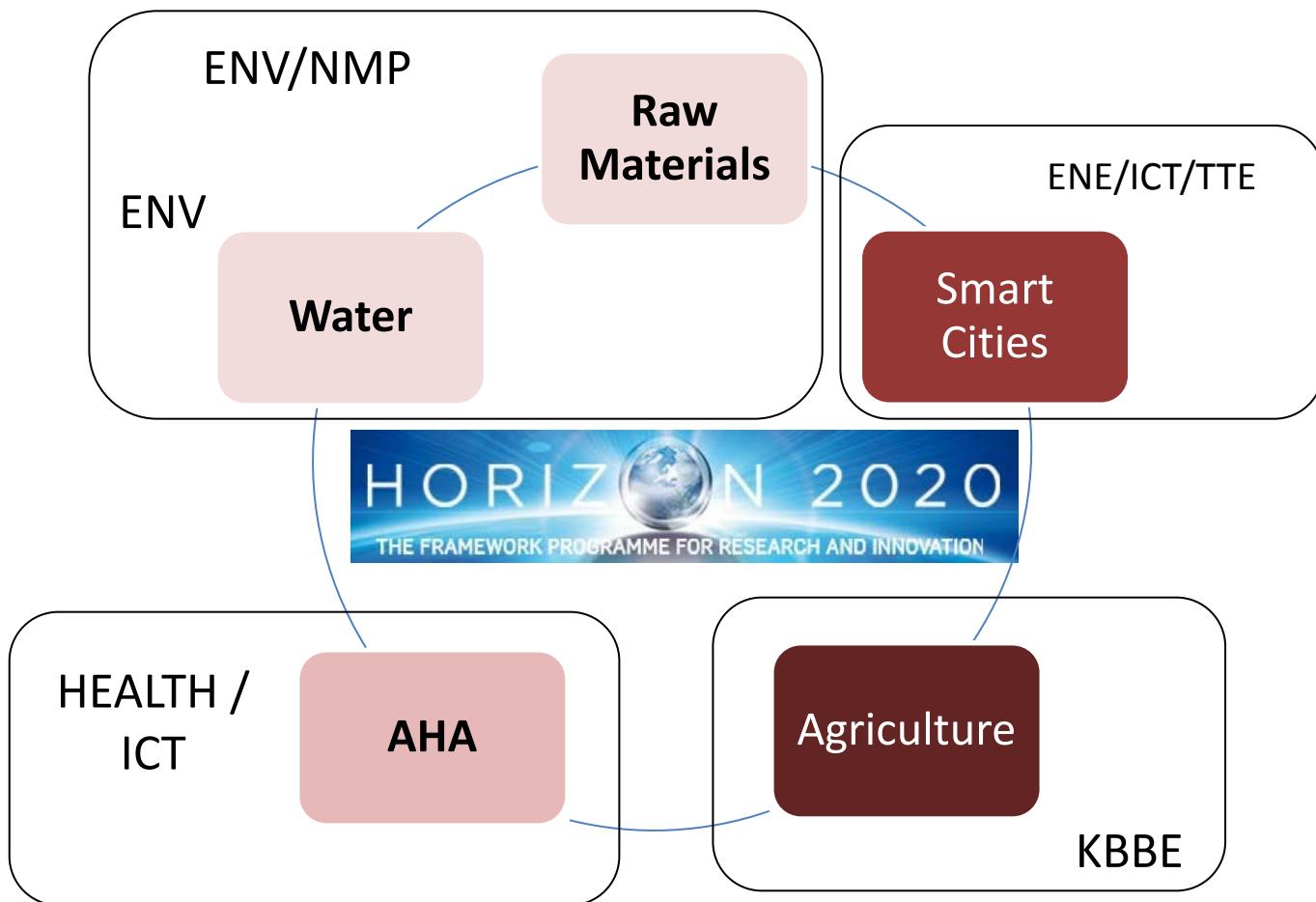
Challenge-driven

- Focus on a specific societal challenge
- With important benefits for citizens and society
- Where there is large new market potential for EU businesses

Added value of an EIP

Going beyond...	... By including
Research and Innovation actions	pre-operational & deployment activities
Funding instruments	policy tools, regulatory, standardisation & procurement measures
EU level actions	national, regional & local

Current Panorama...



Milestones ...

- **Oct '10:** Innovation Union proposes EIP approach and pilot EIP on Active & Healthy Ageing (AHA)
- **Nov '10:** Council and Parliament welcomes objectives of EIPs and invites to launch AHA
- **Feb/Mar '11:** Council reiterates support for AHA & the setting up of its Steering Group (SG)
- **Sep '11:** Early assessment of AHA EIP governance and processes
- **Nov '11:** AHA SG agrees on Strategic Implementation Plan (SIP)
- **Feb '12:** Commission Communication on AHA SIP + proposals for 'Agricultural Productivity and Sustainability' and 'Raw Materials' EIPs
- **May '12:** Commission proposal for 'Water' EIP
- **July '12:** Commission proposal for 'Smart Cities & Communities' EIP



INNOVATION UNION

A Europe 2020 Initiative

European Commission > Innovation Union > European Innovation Partnerships

Home About IU What we do Prizes Events Documents Press Funding Convention

EUROPEAN INNOVATION PARTNERSHIPS



European Innovation Partnerships (EIPs) are a new approach to EU research and innovation.

EIPs are challenge-driven, focusing on societal benefits and a rapid modernisation of the associated sectors and markets.

EIPs act across the whole research and innovation chain, bringing together all relevant actors at EU, national and regional levels in order to: (i) step up research and development efforts; (ii) coordinate investments in demonstration and pilots; (iii) anticipate and fast-track any necessary regulation and standards; and (iv) mobilise 'demand' in particular through better coordinated public procurement to ensure that any breakthroughs are quickly brought to market. Rather than taking the above steps independently, as is currently the case, the aim of the EIPs is to design and implement them in parallel to cut lead times.

EIPs streamline, simplify and better coordinate existing instruments and initiatives and complement them with new actions where necessary. This should make it easier for partners to co-operate and achieve better and faster results compared to what exists already. Therefore, they build upon relevant existing tools and actions and, where this makes sense, they integrate them into a single coherent policy framework. Flexibility is important; there is not a 'one-size-fits-all' framework.

EIPs are launched only in areas, and consist only of activities, in which government intervention is clearly justified and where combining EU, national and regional efforts in R&D and demand-side measures will achieve the target quicker and more efficiently.

European Innovation
Partnership
**Active & Healthy
Ageing**

European Innovation
Partnership
on Agricultural Sustainability
and Productivity

European Innovation
Partnership
on Smart Cities and
Communities

European Innovation
Partnership
on **Water**

European Innovation
Partnership
Raw Materials

Algunos ejemplos...

Milestones ...

For AHA EIP

- ❑ **Feb '12:** "invitation for commitment" for the specific actions as defined in the SIP
- ❑ **Feb '12:** "invitation for expressions of intent" for candidate reference sites
- ❑ **Apr '12:** set up a "marketplace" to partner up different actors, encourage transfer and exchange of good ideas and practices and disseminate validated evidence
- ❑ **Implementation**

The screenshot shows the homepage of the INNOVATION UNION website. At the top, there is a logo for the European Commission and the text "INNOVATION UNION" followed by "A Europe 2020 Initiative". Below this, a navigation bar includes links for "European Commission > Innovation Union > Key initiatives > Active and Healthy Ageing > Home", "Home", "About IU", "What we do", "Prizes", "Events", "Documents", "Press", "Funding", and "Convention". The main title "EUROPEAN INNOVATION PARTNERSHIP ON ACTIVE AND HEALTHY AGEING" is displayed prominently. The page features several orange and teal-colored boxes containing information about the partnership's activities.

About the Partnership
The Partnership brings together a wide array of stakeholders to work in a collaborative way on shared interests and projects geared towards achieving common goals and promoting successful technological, social and organisational innovation.

Innovative actions
The Partnership's Strategic Implementation Plan identifies 14 priority areas. Six actions have now started.

Join the partnership
How can you participate in the European Innovation Partnership on Active and Healthy Ageing?

Funding
Open calls for projects in support of the Strategic Implementation Plan of the Pilot European Innovation Partnership on Active and Healthy Ageing

Events
Past and future events organised in the context of the Partnership

Marketplace
Designed and owned by people and organisations involved in the Partnership. Join other partners in innovating for active and healthy ageing!

Contacts

EU-FID-AHA@europeana.eu

Milestones

For Agricultural and Water EIPs

- On-going:** Setting up SG
- End-2012 / Early 2013:**
Strategic Implementation Plans by SG
- Implementation**

The image contains two side-by-side screenshots of European Innovation Partnership websites.

EIP-Agri Screenshot: The header reads "AGRICULTURE AND RURAL DEVELOPMENT". The left sidebar has a green background with links like "Home", "The eCAP", "Policy areas", "Market sectors", "External relations", "CAP funding", "ANALYSIS", "Services", "Tool Box", "Archive", and "About us". The main content area discusses the European Innovation Partnership "Agricultural Productivity and Sustainability". It includes a section titled "EVTHES CHAPTER" with "Introduction" and "Events".

EIP-Water Screenshot: The header reads "ENVIRONMENT". The left sidebar has a blue background with links like "Home", "Who's who", "Politics", "Integrations", "Funding", "Law", "Resources", "News & Developments", and "EIP Water". The main content area discusses the "EIP Water aims to speed up development of water innovation, contribute to sustainable growth and employment, and stimulate uptake of water innovations by market and society". It includes a "Read more!" button and a "Marketplace online!" section.

For Raw Materials and Smart Cities EIPs

- End-2012:** Setting up SG
- Mid-2013:**
Strategic Implementation Plans by SG
- Implementation**

The image contains two side-by-side screenshots of European Innovation Partnership websites.

EIP-RM Screenshot: The header reads "EIP ON RAW MATERIALS". The left sidebar has a grey background with links like "Home", "About", "Commitments", "Funding Opportunities", "Members", "Publications", "Forum", "Meetings", "News", and "Search". The main content area discusses the "About the European Innovation Partnership (EIP) on Raw Materials". It includes a diagram showing various steel types: Stainless steel, Cast iron, Carbon steel, High technology steel, and Flamingo and carbon fibers.

EIP-SCC Screenshot: The header reads "SMART CITIES AND COMMUNITIES". The left sidebar has a green background with links like "Home", "About the partnership", "Who's who?", and "Timeline". The main content area discusses "Smart Cities and Communities support for a better future". It includes a section about the "European Innovation Partnership on Smart Cities and Communities (EIP-SCC)" and a "Smart Cities and Communities" image showing a modern urban area.

EIP on Active and Healthy Ageing (AHA)

- ❑ Target to increase the healthy lifespan of EU citizens by 2 years by 2020, pursuing a triple win for Europe by:
 - ❑ Improving health and quality of life of older people
 - ❑ Improving the sustainability and efficiency of care systems
 - ❑ Creating growth and market opportunities for businesses
- ❑ SIP of AHA focuses on actions developed around 3 pillars:
 - ❑ Prevention, screening and early diagnosis
 - ❑ Care and cure
 - ❑ Active ageing and independent living



EIP on Agricultural Productivity and Sustainability

Headline targets:

- As an indicator for promoting productivity and efficiency of the agricultural sector, the EIP aims to reverse the recent trend of diminishing productivity gains by 2020
- As an indicator for the sustainability of agriculture, the EIP aims to secure soil functionality in Europe at a satisfactory level by 2020

Indicative priority areas:

- Increased agricultural productivity, output, and resource efficiency
- Innovation in support of the bio-based economy
- Biodiversity, ecosystem services, and soil functionality
- Innovative products and services for the integrated supply chain
- Quality and consumers: food quality, food safety and healthy lifestyles
- Prevention, screening and early diagnosis

*Subject to elaboration
during implementation*



Subject to elaboration
during implementation

Targets for 2020

- To provide safe, available and affordable water for all, while ensuring sufficient water for the environment
- To achieve the relative decoupling of the depletion of water resources from the level of economic activity in key EU sectors (including energy, farming and chemicals)
- To maintain and enhance the good status of waters in all EU river basins – in terms of quality, quantity and use, and in the context of increasing pressures on water resources

Focus areas

- Urban water management: Innovative solutions focussing on the relationship between water and energy, water efficiency, water quality, water infrastructure, recreation, public health and ICT-enabled user awareness
- Rural water management: Interface between water management at the farm level and the allocation of water resources to agriculture at the catchment and water body level and the permissible pressures on water quality
- Industrial water management: Innovations in industrial processes, ICT applications and new technologies for more efficient treatment
- Transversal Themes, e.g. river basin management, climate change and water, the energy and water nexus, water governance, water related development cooperation, financial engineering or standardization

Lidera DG ENV → Robbert Schroeder
Apoya DG RTD → Directorate I.2 , Luisa Prista



EUROPEAN INNOVATION PARTNERSHIP ON WATER
DRAFTING TEAMS AND TASK FORCE

Priority area (working titles)	Organisation
Water-energy efficiency	EUREAU, supported by CEEP
	WssTP
Water governance	Water Governance Centre
	EWP
	Regional Ministry of Puglia, Italy, for public works, natural resources and civil protection
Financing for innovation	European Investment Bank
	KWR, Watercycle Research Institute
	ABENGOA Water
Water re-use and recycling	SusChem
	Regional Ministry of Puglia, Italy, for public works, natural resources and civil protection



Priority area (working titles)	Organisation
Water and wastewater treatment, including recovery of resources	Danish Nature Agency under the Danish Ministry of the Environment - Water Sector and Climate Change Adaption
	Vlakwa
	Arctic paper, on behalf of CEPI
Risk management of water-related extreme events	WWF
	LNEC - Laboratório Nacional de Engenharia Civil
Ecosystem services	WasserCluster Lunz
	WssTP
Management models and monitoring	UNESCO-IHE
	Veolia Environment
	SME representative-member of Finish Water Partnership
	Växjö municipality, Sweden, linked to Covenant of Mayors
Smart technologies	WETSUS
	IBM Europe
	Dow Chemical Iberica, Spain & Portugal

- Overall target of reducing Europe's import dependency on the raw materials that are critical to Europe's industries
 - by providing Europe with enough flexibility and alternatives in the supply of important raw materials, whilst taking into account the importance of mitigating the negative environmental impacts
 - thus making Europe the world leader in the capabilities related to exploration, extraction, processing, recycling and substitution by 2020
- Indicative work packages:
 - developing innovative technologies and solutions for sustainable and safe raw materials supply, extraction, processing and recycling + for the appropriate substitution of critical and scarce materials
 - improving Europe's raw materials regulatory framework, knowledge and infrastructure bases + regulatory framework conditions, notably by promoting excellence and prevention, preparation for re-use and recycling through public (e.g. procurement) and private initiatives
 - recognising the global market place of securing access to raw materials and promoting the use of environmentally friendly extraction and processing

*Subject to elaboration
during implementation*

EIP on Smart Cities and Communities

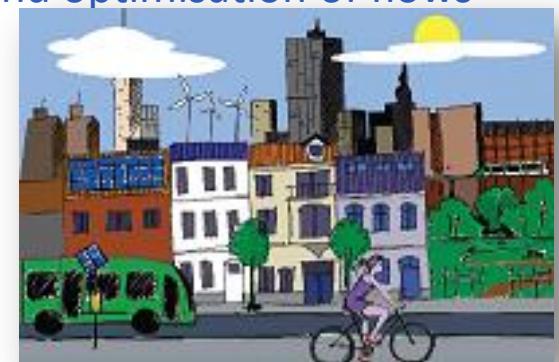
Overall objective

- By 2020, to demonstrate and scale up at least 20 major innovative solutions that combine energy, transport and ICT technologies and enable pioneering cities to outperform in terms of achieving the EU targets for reducing carbon emissions, use of renewable energy sources, and for increasing energy efficiency

Cross-cutting themes

- Smart buildings and neighbourhoods
- Smart supply and demand systems and services for better-informed citizens
- Sustainable urban mobility
- Smart and sustainable digital infrastructures
- Strategic planning for identification, integration and optimisation of flows (energy, emissions, people, goods, services)

*Subject to elaboration
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Muchas gracias...

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