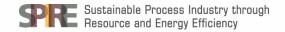


Congreso Nacional del Medio Ambiente (Conama 2012) Madrid del 26 al 30 de noviembre de 2012



Precedents: PPPs

- European Economic Recovery Plan
- Specific measures in R&D- Public Private Partnerships in 3 strategic sectors:
 - Automotive Green Cars (GC)
 - Construction Energy Efficient Buildings (EeB)
 - Manufacturing Factoires of the Future (FoF)
- longer-term 'smart investments' in research and development to lay down a strong base for the future competitiveness of European industry
- strong cooperation between stakeholders and a coordinated approach at European level to develop the sustainable technologies that will allow Europe to move forward towards a low-carbon, knowledge-based economy.



Background of SPIRE









ESTEP - European Steel

SusChem - European Technology Platform for Sustainable Chemistry WssTP - European Technolog

European Technology Platform for Sustainable Mineral Resource









EUnited - European Engineerin

ECCA - European Co Coating Association CEMBUREAU - The European

Cerame-Unie - European Ceramic Industry Association









EUROMETAUX - European Association of Metals CEPI - Confederation of European

Nickel Institute

MA - Industrial Minerals Association







Glass For Europe - Building, Automotive, Solar-energy Glass

European Copper Institute

European Aluminium Association

Industrial Policy for the Globalised Era

IN THE CONTEXT OF THE DISCUSSION
ON FUTURE RESEARCH PUBLIC-PRIVATE
PARTNERSHIPS, CONSIDER AN ENERGYINTENSIVE INDUSTRIES LOW CARBON
IMPLEMENTATION INITIATIVE, BRINGING
TOGETHER THE RELEVANT TECHNOLOGY
PLATFORMS WITH THE EU AND MEMBER
STATES, TO ENSURE THE APPROPRIATE R&D,
FINANCING AND DEPLOYMENT STRATEGIES
FOR LOW-CARBON PRODUCTION¹.

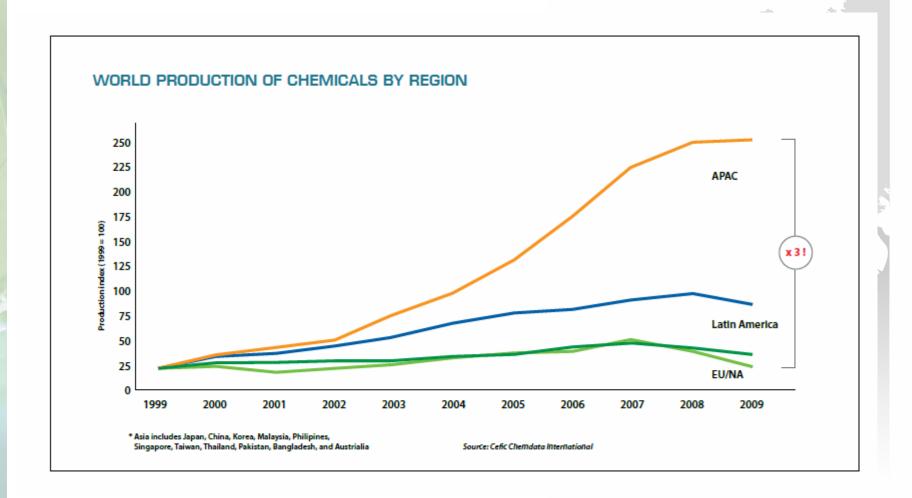




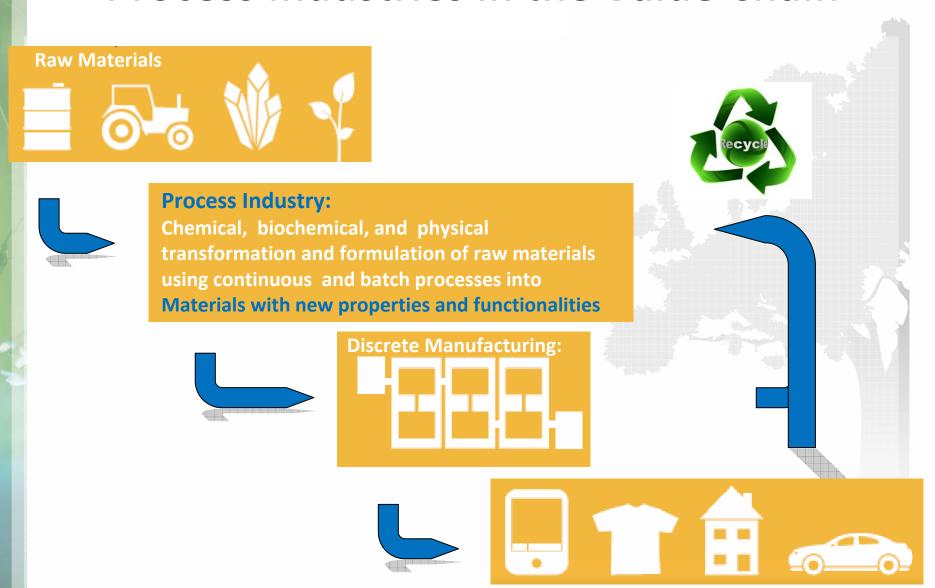
Process Industry

- 8 sectors: chemical, steel, engineering, minerals, nonferrous metals, cement, ceramics and water
- More than 450 thousand enterprises.
- Employ over 6.8 million employees
- Generating more than 1.600 billion € turnover
- The founding basis of the European Economy (20%)
- Struggling with declining global competitiveness





Process Industries in the Value Chain



SPIRE Ambitions for 2030

- Reducing fossil energy intensity by up to 30% from current levels
- Reducing non-renewable, primary raw materials intensity by up to 20% from current levels

Both ambitions will contribute to effciency improvement in CO2 equivalent footprints of up to 40% by 2030. Potential improvements extend beyond "industry" to all indirectly supplied and dependent economic sectors such as transport, construction, water, electronics etc.

DO MORE & BETTER WITH LESS, Sustainable Process Industry three Resource and Energy Efficiency

Vision for the Innovation Landscape







Future PPP's



A
Bioeconomy
for Europe

Water EIP





Raw Materials Alternate Recycle Extract

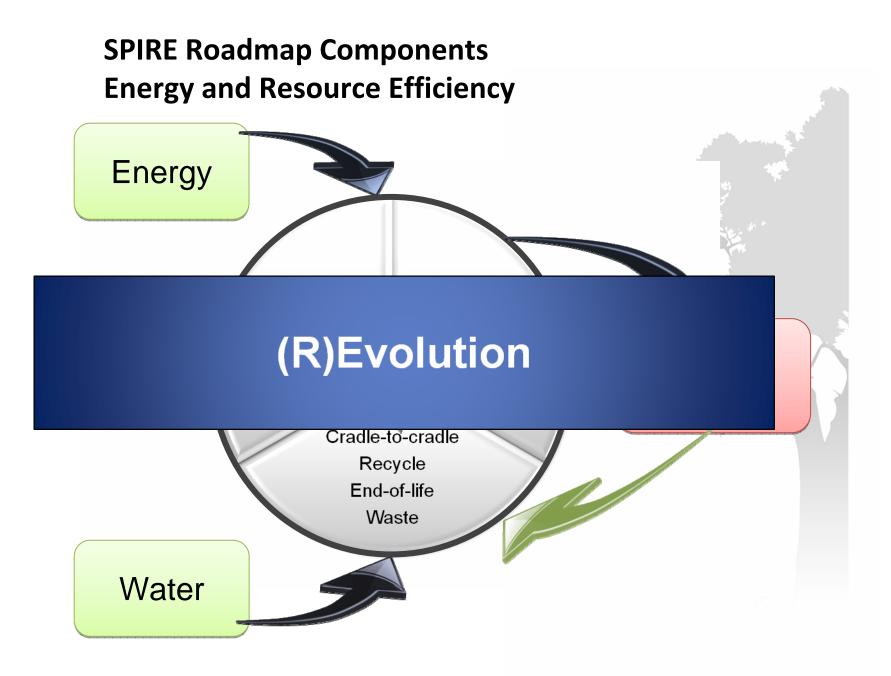


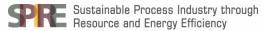










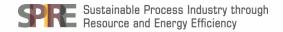


Long Term, positive impact on the EU Economy

Foreseen breakthrough developments will have wideranging implications for:

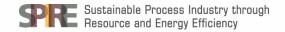
- •Business: stimulate entrepreneurship in Europe, create new markets
- Employment : create more jobs in the process industries
- Academia: encourage world class research and a better transformation of its results into marketed products
- •High-tech SMEs : provide new eco-efficient process technologies

A significant gain for Europe as industry will pursue exploitation of generated intellectual property and technology first in Europe.



SPIRE Timeline

- Legal Entity established in July 2012
- During Summer 2012 open consultation
- Actually processing answers to consultation
- 1st General Assembly. 20 Nov 2012
- Approval of next PPPs by EC (Mid 2013)
- Dec. 2012/Jan 2013 First wave of calls in H2020



Spanish Entities in SPIRE

Industry



Research







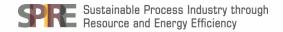


How to get involved

Send an email to:

Susanne Neeb sne@spire2030.eu (Executive Assistant)

Loredana Ghinea lgh@spire.eu (Executive Director)



Thank You



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