

MentorChem: Final Conference

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Asociación de Industrias Químicas y de Proceso de Asturias

EUROPEAN TECHNOLOGY PLATFORM:
“SUSTAINABLE CHEMISTRY”



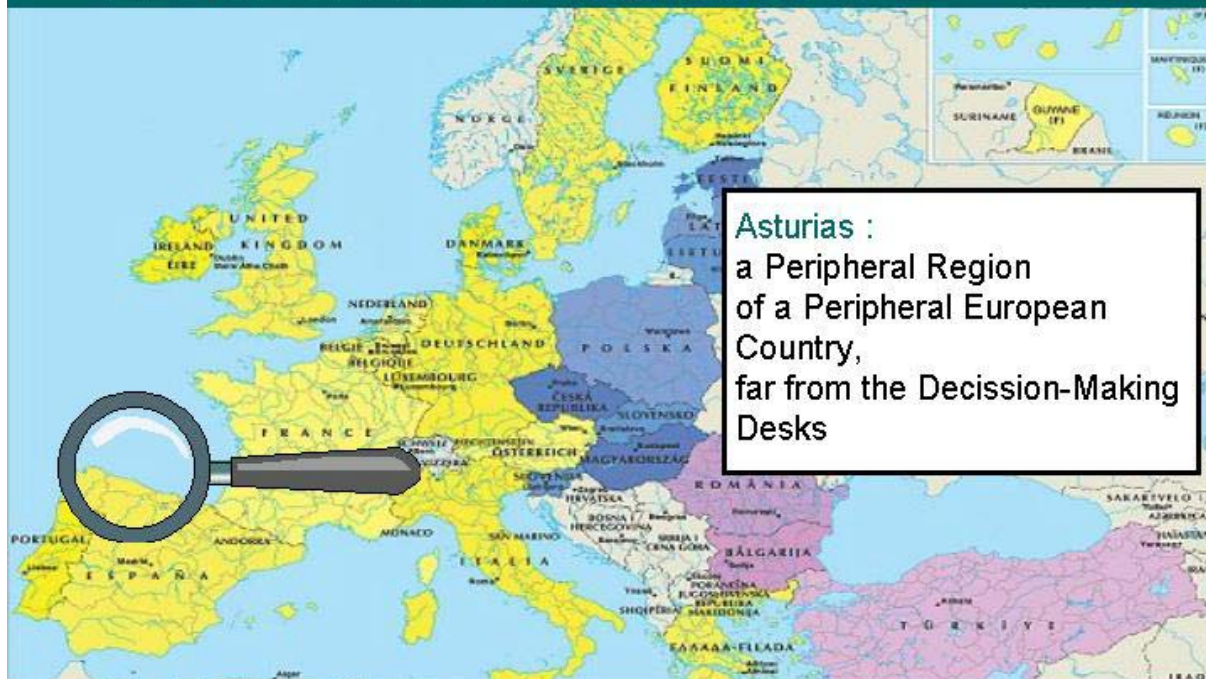
PRESPECTIVES OF
EUROPEAN RESEARCH
POLICY FOR THE
CHEMICAL SECTOR AND

THE CHALLENGES
FOR THE REGIONS

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Europe : From our Perspective . . .



Asturias :
a Peripheral Region
of a Peripheral European
Country,
far from the Decision-Making
Desks

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The Chemical Industry in Europe ...

Is important:

- 15 of the 30 biggest Chemical Industries, based in Europe
- 1.7 million direct manpower (+ 3 million indirect jobs)
- 27 % Market Share of Chemical Market World Wide
- 96 % SMEs (28 % of European Production)

... Is critical:

- The Chemical Industry supplies virtually all downstream sectors
- The added-value of downstream users is usually orders of magnitude larger than the chemical sector itself

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The Chemical Industry in Europe ...

...A GIANT...

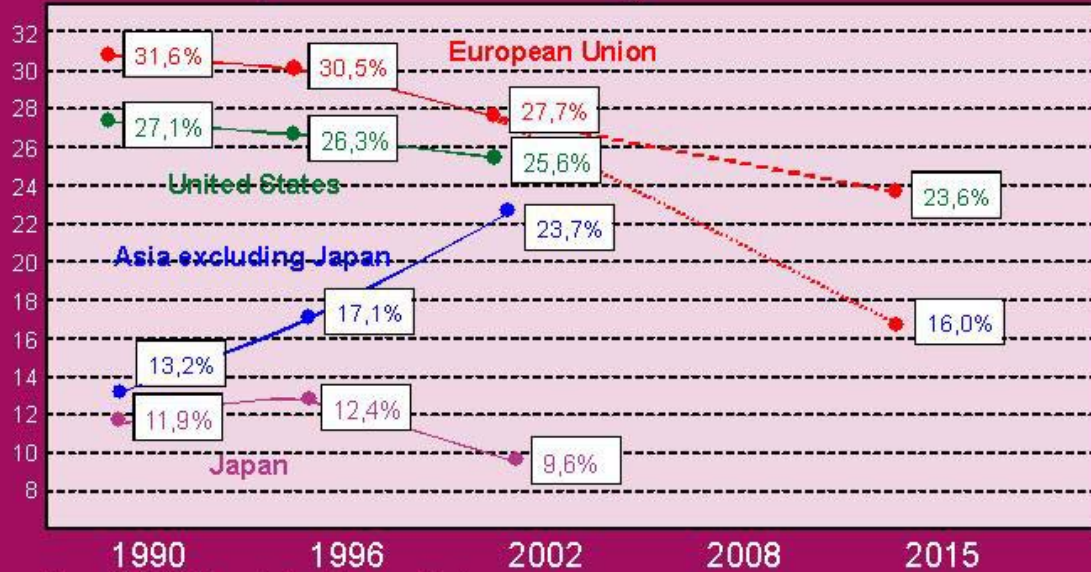


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The Chemical industry in Europe. . . Is at Risk :

European Chemical Industry Market Share



Source Cefic 2004 excluding pharmaceuticals

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The Chemical Industry in Europe ...



... With
muddied
feet

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How can Europe change the Trend ? . . .



ETP : Sustainable Chemistry . .

. . . AIQPA welcomes and supports the Initiative

SusChem

- Industrial Biotechnology
- Materials Technology
- Reactions and Process Design

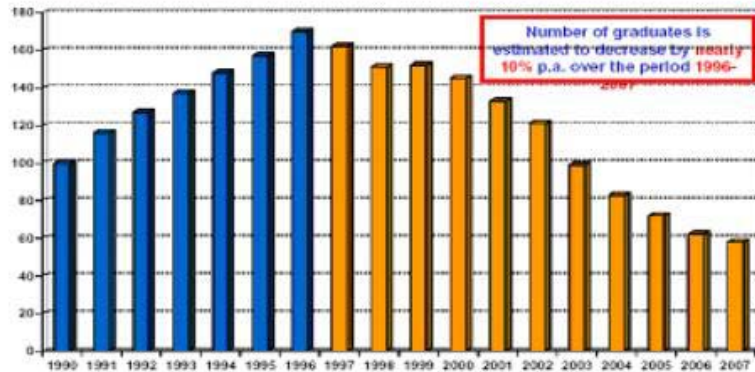
. . . Environment , Safety,
Professional Education and Training,
Research Infrastructures, and
access to Risk Capital.



ETP : Sustainable Chemistry . .

Europe
needs
Brains

Chemical and industrial chemicals* graduates in major EU countries



Notes: *Including pharmaceutical

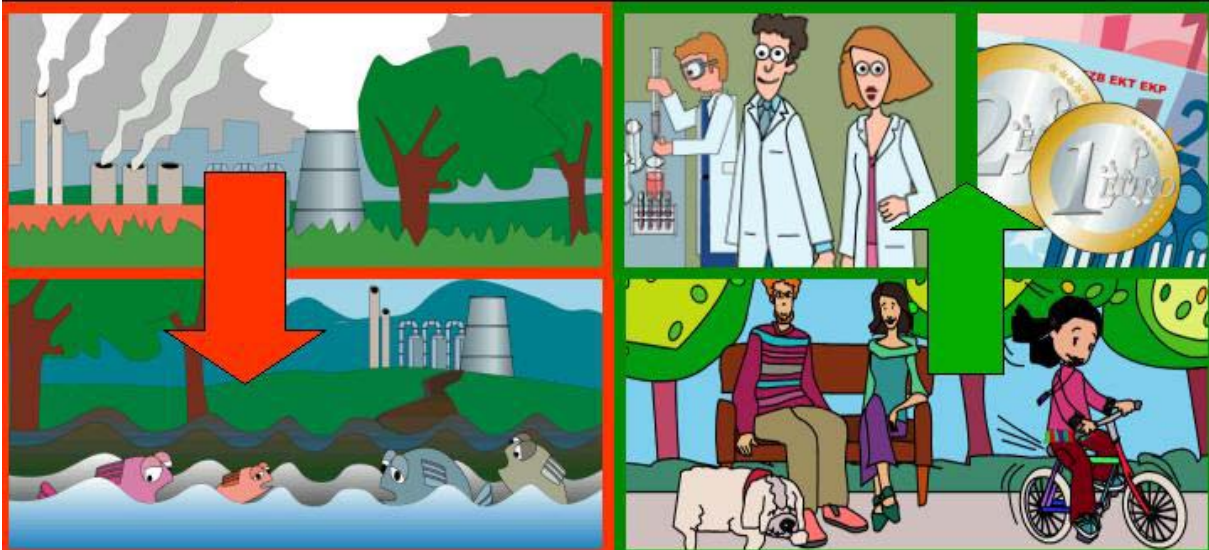
Why is this happening? . . .

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ETP : Sustainable Chemistry . .

. . . Social Image of Chemistry



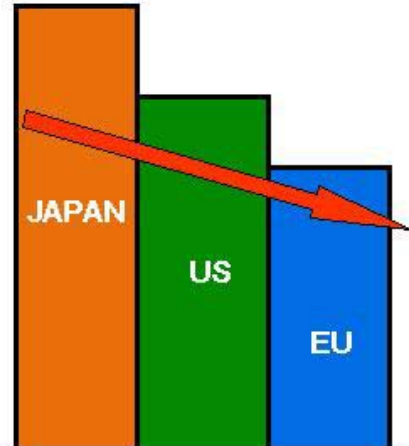
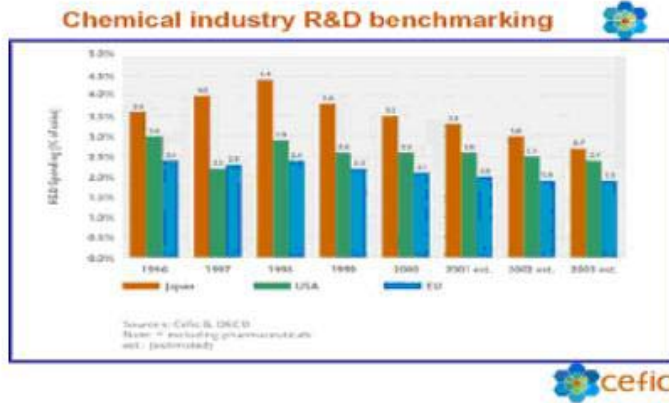
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ETP : Sustainable Chemistry . .



... Increase R &D investment



ETP : Sustainable Chemistry . .



... Encourage Research by SMEs

FP6 step by step

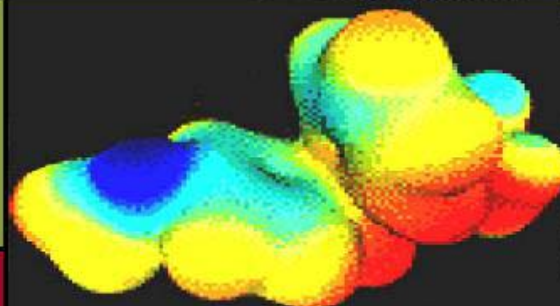
- FAQ |
- CORDIS *Guidance*
- Find a Partner
- Find a Project
- Prepare & submit a proposal-EPSS
- Find a Call
- What is FP6?

ETP : Sustainable Chemistry . .



. . . Link University and Industry

Many research results can be commercially exploited



Support of University Researchers on Industrial Issues (Industrial property , Risk Capital , ...)

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ETP : Sustainable Chemistry . .



. . . Smooth the access to Venture Capital



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ETP : Sustainable Chemistry . .



. . . Balance Industry Regulatory Requirements

“The Board of Directors must inform our shareholders that finally, all the factories of our firm based in Europe have successfully obtained all the quality, safety, and environmental certifications that are required.

We must inform as well that the firm is bankrupt”

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**EUROPEAN TECHNOLOGY PLATFORM :
“SUSTAINABLE CHEMISTRY”
PRESPECTIVES OF EUROPEAN
RESEARCH POLICY FOR THE CHEMICAL
SECTOR AND
CHALLENGES FOR THE REGIONS**

THANK YOU FOR YOUR ATENTION



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