



Early risks studies, keys to successful innovation

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EUROPEAN COMMISSION
DG Research – Industrial Technologies
New generation of products
Safety of processes and products

3rd ENERO Workshop, Brussels, 5th March, 2010



Community research

FP7 Theme 4: NMP

Objective: *To improve the competitiveness of EU industry and ensure its transformation mainly by:*

- ✓ Promoting the effective transition from a resource-based to knowledge-based industry (Lisbon strategy)
- ✓ Strengthening EU leadership in nano, materials and production technologies: new high-added value processes & new business models must increase productivity and expectations of the market
- ✓ Emphasizing integration of different technologies and disciplines across many industrial sectors in a **safe & sustainable** way in particular for those sectors with potential risks leading to large off site consequences for both the population, the workforce and the environment
 - ✓ multisectorial issues concerning also Industry (DG ENTR), Environment (DG ENV), Health and Consumer Protection (DG SANCO) and the Health and Safety at Work (OSHA) agency
 - ✓ Chemical, Nanotechnologies, Hydrogen, Manufacturing, Construction, Nuclear, Mining, Oil & Process industries

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An example of the EU research strategy

***iNTegRisk*: Early Recognition, Monitoring and Integrated Management of emerging, New Technology related Risks**

(New) Emerging risks:

1. Not known or recognized previously
2. Previously known but at present seen from a new perspective due to new scientific or other evidence
3. Increasing level or number of people exposed

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Society is more risk averse

1. Calculated risk is generally different from perceived risk
2. But perceived risk defines the baseline which knowledge can only try to correct
3. Improving interaction & communication among those, could be the key factor for a technology to generate a successful innovation



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www.industrial-technologies2010.eu

- The need for innovation within European industry and major obstacles hindering innovation
- Future perspectives for industry with newly developed manufacturing technologies, nanotechnologies and materials
- The social, environmental sustainability and competitiveness perspectives of the European manufacturing industry

industrial technologies 2010
 nano - materials - manufature

Save the date
 ... for the biggest European Industrial Technologies conference in Brussels.

September 7, 8, 9 2010

The first edition of the **Industrial technologies 2010 conference** is being organised by the European Commission in cooperation with the Belgian EU Presidency. The focus will be on **nanotechnologies and nanosciences, materials and manufacturing technologies**, which are the key areas of the FP7 NMP Theme.

The conference will give you the possibility to meet major actors in the field. It will be an international forum where industry, research organisations, universities as well as policy makers will meet and discuss possibilities for cooperation and proposals for improved integration in the near future.

Bookmark us!
 Participate actively in networking activities on: www.industrial-technologies2010.eu
 Register and check regularly for information on programme, speakers

We are looking forward to welcoming you
@ Tour & Taxis in Brussels

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 SEVENTH FRAMEWORK PROGRAMME

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Useful links

- ✓ EU research:
<http://europa.eu/comm/research>
- ✓ Seventh Framework Programme:
<http://cordis.europa.eu/fp7/>
- ✓ RTD *info* magazine:
<http://europa.eu/comm/research/rtdinfo/>
- ✓ Industrial Technologies directorate:
http://ec.europa.eu/research/industrial_technologies/index_en.html


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Thanks a lot for your kind attention.

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