



EUROPEAN
COMMISSION

Community research

**CRÊPE – Co-operative Research on
Environmental Problems in Europe
“Research with CSOs for Sustainable Development:
Reflecting on Experience”
29/10/2010, London (UK)**

“Citizens, Civil Society and the Innovation Union”

**European Commission
Research DG
RTD-L3 “Governance and Ethics”
Eng. Dr. Philippe Galiay**





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1. Science in Society: rationale / narrative / milestones
2. 2010: End of a cycle? Beginning of an era?
3. Next steps





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Evolving S&S tensions

- **Safety**: Food (dioxin,...),
Medical (growth hormones,
contaminated blood, fertility,
nanoparticles, H1N1...),
- **Environment** (climate, energy,
biodiversity, ozone,...),
- **Economy** (Finance, fisheries, agro
industry,...),
- **Fundamental rights** (life appropriation,
identity thefts, privacy, insurances,...),
- **Ethics** (future generations, eugenics,
enhancement, doping, reproduction,
animals,...),
- etc...



Vancouver (CA)





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Main milestones

2000: Lisbon Summit (Knowledge Based Society)

2001: *Governance White Paper*

2001: **Science and Society** Action plan

2002: RTD Framework Program VI (**80** / 17.500 M€)

2007: RTD Framework Programme VII (**330** / 54.000 M€)





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Iguazú (ARG)

DAMS

Electric power
Water regulation
Irrigation
Reservoirs
Leisure

...

Source: RISKBRIDGE project (<http://www.riskbridge.eu/>)





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Itaipú dam (BR-PY)

DAMS

**A very simple physical
principle**

Stop the water flowing!





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DAM(AGE)S !

Biology, Ecology,
Seismology, Climatology,
Sociology, Anthropology, etc.

“... the ‘business
as usual’ scenario is neither a feasible nor a
desirable option.”

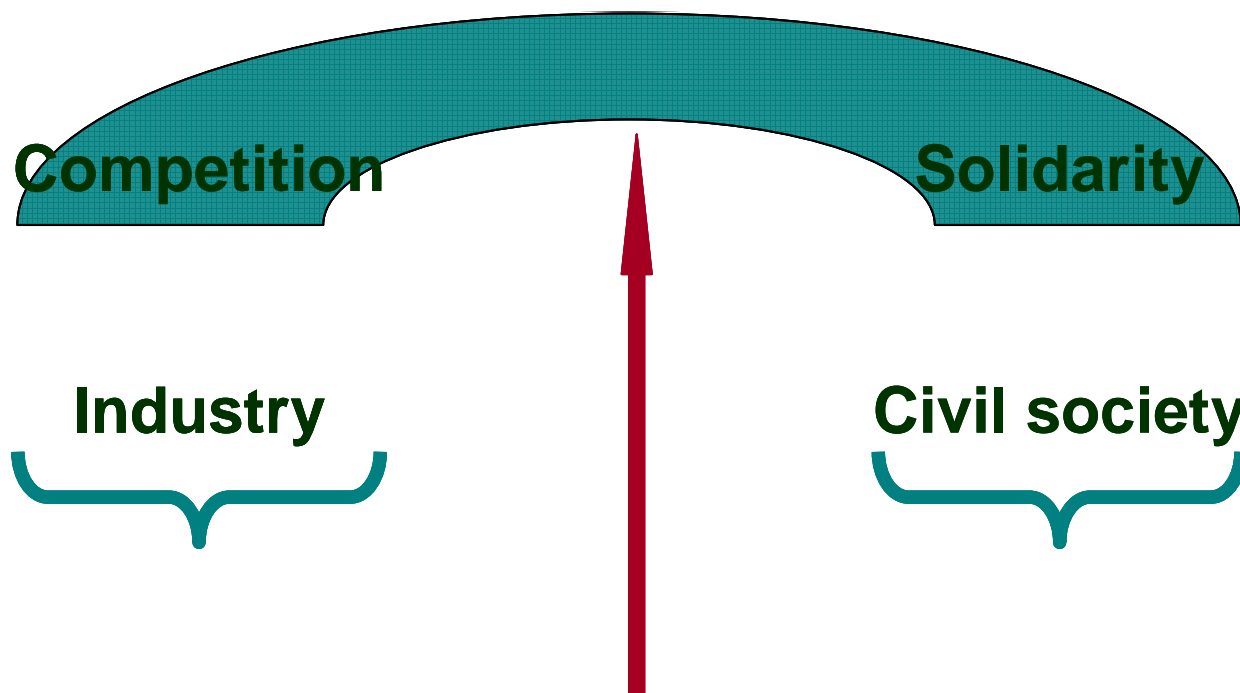
The Report of the World Commission on Dams
November 2000
(<http://www.dams.org/>)

Teton Dam (US) fails





‘Knowledge Societies’: Reflecting the values attached to knowledge!





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Increasing CSOs participation (2010 call - support actions)

- 42 CSOs / 276 organisations (15, 2 %) in selected projects
- For the Mobilisation and Mutual Learning Action Plans (Environmental justice Organisations, Liabilities & Trade; Technology Assessment; Fisheries; Youth training) the proportion raises to 30 / 91 (33 %)



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Main milestones

2010: Entry into force of the Lisbon Treaty

2010: New Commission (Barroso II)

2010: Council adopts “Europe 2020 Strategy” (17/06/10)

2014: VIIIth RTD Framework Programme (? / ? M€)





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2010: Entry into force of the Lisbon Treaty

Art. 179 (TFEU) The Union shall have the objective of strengthening its scientific and technological bases **by achieving a European research area in which researchers, scientific knowledge and technology circulate freely**, and encouraging it to become more competitive, including in its industry, while promoting all the research activities deemed necessary by virtue of other Chapters of the Treaties.





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2010: Entry into force of the Lisbon Treaty

Art. 182.5 (TFEU) As a complement to the activities planned in the multiannual framework programme, **the European Parliament and the Council**, acting in accordance with the ordinary legislative procedure and after consulting the Economic and Social Committee, **shall establish the measures necessary for the implementation of the European research area.**





2010: Entry into force of the Lisbon Treaty

Art. 11.4 (TEU) Not less than one million citizens who are nationals of a significant number of Member States may take the **initiative** of inviting the European Commission, within the framework of its powers, to submit any appropriate proposal on matters where citizens consider that a legal act of the Union is required for the purpose of implementing the Treaties.



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2010: Entry into force of the Lisbon Treaty

Protocol N° 1: On the Role of National Parliaments

Art. 10 A conference of Parliamentary Committees for Union

Affairs **may submit any contribution it deems appropriate** for
the attention of the European Parliament, the Council and the
Commission.



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2010: Barroso II Commission

New Commissioner for “Research and Innovation”:

Ms. Máire Geoghegan-Quinn



Minister of State for Education, Minister of State for European Affairs, Minister for Tourism, Transport and Communications, Minister for Justice, European Court of Auditors,...



2010: Council adopts “Europe 2020 Strategy” (17/06/10)

“To that end, today:

- we adopt "Europe 2020", our new strategy for jobs and smart, sustainable and inclusive growth. [...] We will discuss further, over the coming months, how specific policies can be mobilised to unlock the EU's growth potential, **starting with innovation** and energy policies;”



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What is important in short:

- New legal framework (**Lisbon Treaty**) for EU activities
 - Potentially **new roles** for citizens and Parliaments
 - Obligation to create a **European Research Area**
- Innovation based political commitments for EU 2020
 - Strong thrust of Commissioner MGQ towards **Innovation**





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“European **Best Practice** Guidelines on Cargo Securing for Road Transport”: Example 1



During heavy braking, the badly secured steel tubes made their way through the headboard and the drivers cab.



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“European **Best Practice** Guidelines on Cargo Securing for Road Transport”: Example 2



Incorrect load distribution.

Funny things might happen... or it can have dramatic results.



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Next steps

- Draw “**best practices**” out of EC SiS projects
- Disseminate and **mobilise** stakeholders (all of them!)
- Engage in EC policy making by **contributing** to future ERA and FP8 consultations (2011?)





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Thank you for your attention!

References

FP7: http://cordis.europa.eu/fp7/home_en.html

FP7 Calls: <http://cordis.europa.eu/fp7/dc/index.cfm>

Science in Society:

<http://ec.europa.eu/research/science-society/>

