



**European Nuclear Society
Young Generation Network**

COP Climate Change Conference Activities

PIME 2010
Edouard Hourcade
Chair ENS-YGN

15th February 2010



Who are we ?

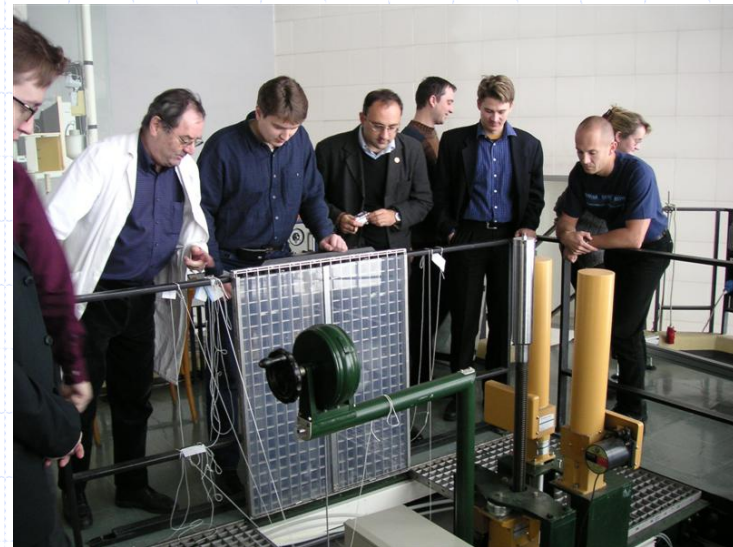
- **Young European professionals with Nuclear research and industry backgrounds**
 - Communicators, Engineers, Researchers...





ENS YGN objectives

- **Animate a European network to foster young talents**
- **Inform about peaceful uses of nuclear energy**
- **Promote knowledge management and transfer through technical visits, forums, workshops...**





Why COP and us ?

- **COP conferences do focus world's eyes**
 - Young members of NGOs are on the front scene
- **A place to communicate**
 - Toward general public through intense media coverage
 - Toward official delegations and NGOs (more technical)
- **Nuclear community not really visible on climate change stage**





COP Flavour





COP Flavour





What did we organize ?

- **Official COP14 (Poznan) and COP15 (Copenhagen) side events, with panels of young engineers and experts**
- **European working group to design ad-hoc cartoon-based communication material and posters**
 - **Nuclear and CO2**
 - **Nuclear Waste**
 - **Nuclear Safety and Security**



What did we organize ?





What did we organize ?

gather best nuclear fruits

Meeting Young European Engineers (ENS-YGN) in an open discussion about Nuclear and Sustainability



Wednesday, 16 Dec 2009
"Liva Weel",
9h00-10h30



green light for nuclear contribution to sustainable future

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What did we organize ?



GREEN (Activist): Everything around Nuclear is obscure and cannot be trusted! What are those barrels?

WHITE (Scientist):

Those are nuclear waste. Nuclear energy does produce radioactive waste but 95% turns into normal waste within centuries. The rest represents a very small volume especially for the quantity of electricity produced! Besides, these can be recycled to produce energy with advanced nuclear reactors.

2010



GREEN (Activist): Adding radioactivity in nature with waste is not responsible, I don't want my children to handle this radioactive hurdle

WHITE (Scientist):

Nuclear community (industries, scientists, doctors) has made important progresses in terms of waste management over those past decades: for example, we are able to separate and arrange wastes according to their lifetime and radio-toxicity! We now have solutions to deal with Very low and Low Level Waste, and we are working on several options, including recycling, to treat long lived waste.

2050



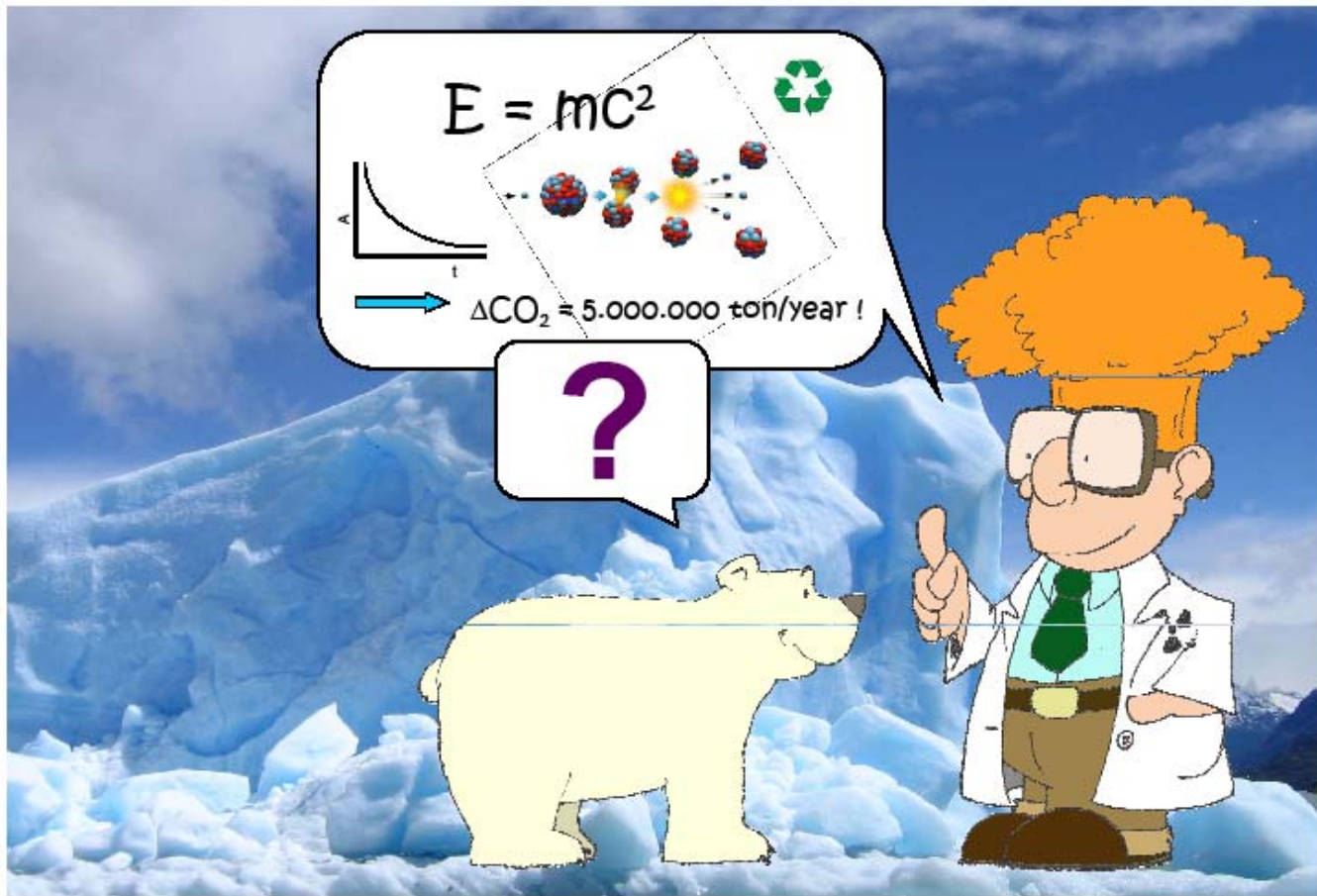
GREEN (Activist): Any energy should be preferred to this dirty option! By the way, it's getting hot in here, is this coming from your waste?

WHITE (Scientist):

Nuclear community has again made important progresses in terms of waste management over those past decades: for example, we are now able to recycle high level waste in fast neutron reactors. With these reactors using our own waste does extend nuclear fuel resources to millennia.



What did we organize ?



Can nuclear energy save the polar bear ?



What did we achieve ?

- **Organization**
 - Be selected as side event organizer amongst hundreds of applications
 - Send between 5 and 10 young engineers and Experts
- **Visibility**
 - COP15 : be the only technical side event dealing with nuclear energy
- **Target audience and media coverage**
 - Reach few hundreds of Environmental NGO members
 - Raising interest amongst European Nuclear and non-Nuclear media

From Copenhagen to Mexico ?

