

***Stakeholder Seminar:  
"Engaging Civil Society in  
the EU Roadmap Process"  
Brussels, October 25, 2011***



***Comments on the Roadmaps of the European Commission. The electric industry perspective by John Scowcraft Eurelectric, an association that represents the EU electricity industry plus Europeans affiliations in other countries (including Russia).***

*Notes by Meike Fink, Climate Action Network-France, ENCI LowCarb Coordinator.*

Electricity – We have to be nearly carbon-free in 2050-Eurelectric scenario “Power choices”

- After we designed this commitment we did an evaluation: Power Choices (in June 2010)
- Power choices: 75% domestic GHG reduction in 2050 (in 2010 the Commissions’ commitment was about 60-75%)
- Issue – What the science says has to be done and what the industry / technology says is possible
- CCS will be available commercially only in 2025
- All technology option will be available
- Nuclear will only be considered in countries that support it; old German and Belgium phase out are integrated

EU 2020 – GHG and RES target will be met (but not the energy efficiency) – no further RES target and no longer RES financing – only price development

- RES get more expensive because the support disappears-they are opposed to market forces (this could also be an explanation for the price development of the energy roadmap)
- Energy mix in 2050 – 55% of installed capacity was RES, 27% nuclear + coal / gas CCS
- If you are only operating some hours it is not economically valuable
- 90% passenger vehicles are electric vehicles
- Massive heat pump deployment
- Problem with the energy efficiency directive – conversion factor about 40%; this assumption in the DEE is not changing and this means electricity cannot be used for decarbonisation of the energy system. -We, Eurelectric, are not seen as the most climate friendly stakeholders. For the elaboration of our roadmap we set up a stakeholder group and we told them our assumptions:
- Costs of technologies, levelised costs of electricity and learning curves (key issue!)
- Learning curves are a matter of fact!
- Who do we consult: EC, AIE, NEA, Euratom, government of Poland and Sweden, ECF, WWF, EWEA, CEPI, EEP, EDF, Siemens.
- Agreement on what we put into the scenario
- We used PRIMES; PRIMES only delivers 5-year periods – you have to go to a delay of 10 years to see a difference
- What we need to drive investment is a clear orientation, indications where we are going, we need clear targets for 2040/ 2050
- The ETS price is too low now - if the price went up – how many nuclear and CCS power plants and RES would suddenly appear?
- Investment decisions are based on guesswork and some knowledge

*The event was organized as part of the EU FP7 Project: ENCI-LowCarb, European Network engaging Civil Society in Low Carbon Scenarios. Partners are: RAC-France, Germanwatch, INFORSE-Europe, PIK, CIRED. Event's web site, where the presentations can be downloaded:*

<http://www.lowcarbon-societies.eu/index.php?id=50>