

## **P6.1-4 Barriers to Low Carbon Growth: Lessons from EU Roadmap 2050**

Bert Metz

European Climate Foundation, The Netherlands

The European Climate Foundation published a study on how to realise improved energy security, keeping costs of energy affordable and achieving an 80% GHG emission reduction for the EU by 2050 through a total decarbonisation of the electricity system, electrifying the transport and built environment sector and aggressive energy efficiency improvement. It

was shown that this is technically and economically feasible, but requires large investments in expanding the electricity grid across the EU and overcoming many barriers such as fossil fuel subsidies, vested interests, ineffective energy efficiency policies, skepticism on low cost renewable energy supply, etc.