Feed in, Certificates or investment subsidies: What games are the actors playing?

Atle Midttun

The Norwegian School of Management Presentation at the Maribor-Realise seminar May 10th

The Challenge of Transition (IEA-Genie Model runs 1997)

Technology Path with Fossil Fuels, Nuclear and Wind

Technology Path with Fuel Cells, PV and Wind



Support systems and Learning Curves





Sequential application of regulatory instruments



Feed in tariffs in Germany and Certificate prices in Sweden



Support systems and Learning Curves



An argument for Europeanisation: Ricardian trade advantages



An argument for Europeanisation: Possibility for Technology differentiation

- Larger market
- Greater scope for specialisation without efficiency loss









Integrated International



Integrated International



Variation from supplier to input technology

National market segmentation (supplier)

- Segmented arenas for national technology development
- Pluralistic European industry development
- Securing "right" distributive effects

European scale and scope

(input technology)

- Mainstreaming European best practice
- Building momentum towards global competition
- Advantages of optimal location & technology