



Energy Policy and Economic Growth

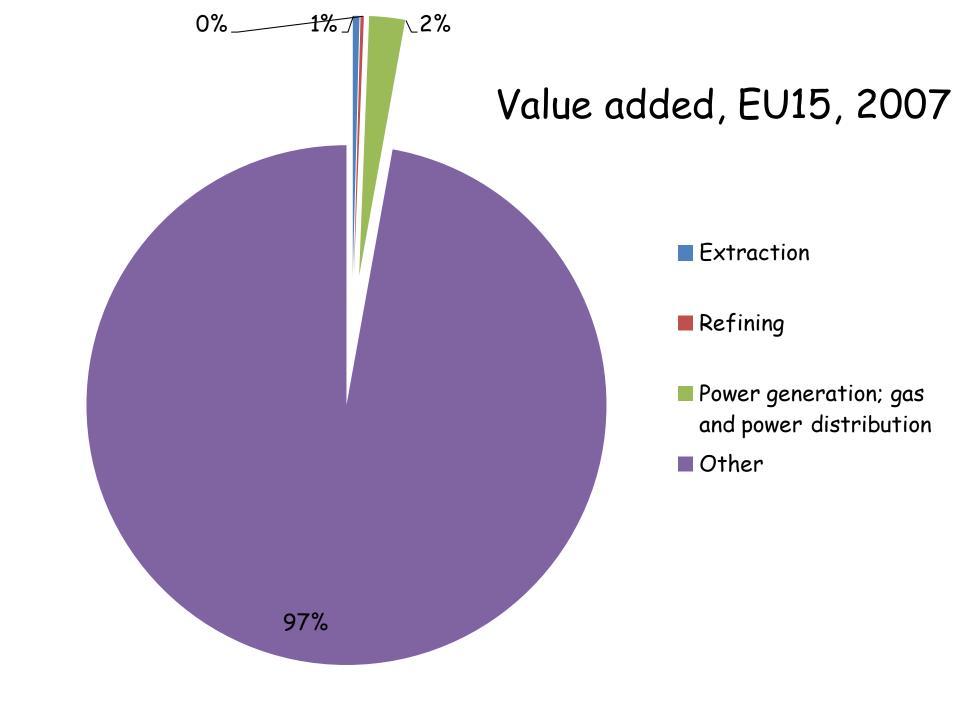
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The Need for Action

- Great Recession
- High unemployment
- Climate change
- High energy prices
- Finite sources of conventional energy
- Let's use the energy revolution to create new opportunities for growth and jobs







Green Growth

- In Europe, as in other mature economies, energy is a small sector
- Small sectors can grow fast, but they cannot drive economy-wide growth
- Energy is either a necessary good (heating)
 or an input (transport fuel, electricity), so
 you want to keep volume and price down
- No growth from dearer energy
- The energy revolution is within the sector, replacing once source for another - growth and shrink at the same time and same scale

Green Growth -2

- But what about Denmark?
- Rapid growth in a small subsector can mean rapid growth of the overall economy in a small region
- Denmark benefitted greatly from price supports elsewhere in Europe
- This was wealth transfer, not creation
- Competition in alternative energy is fierce, success rates small and margins thin
- Denmark built on old strengths

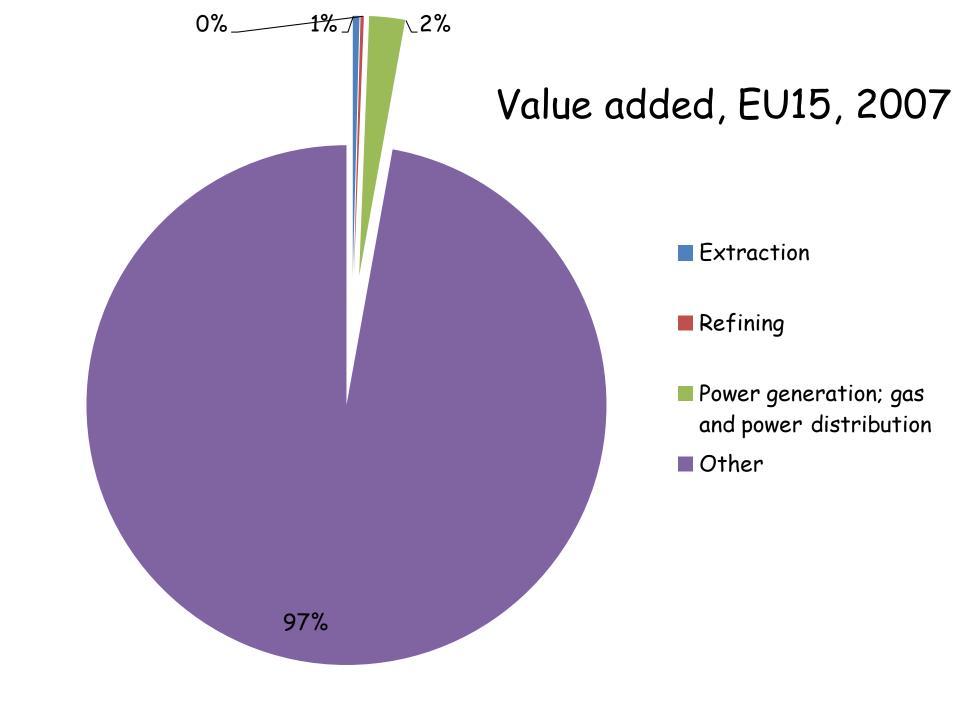


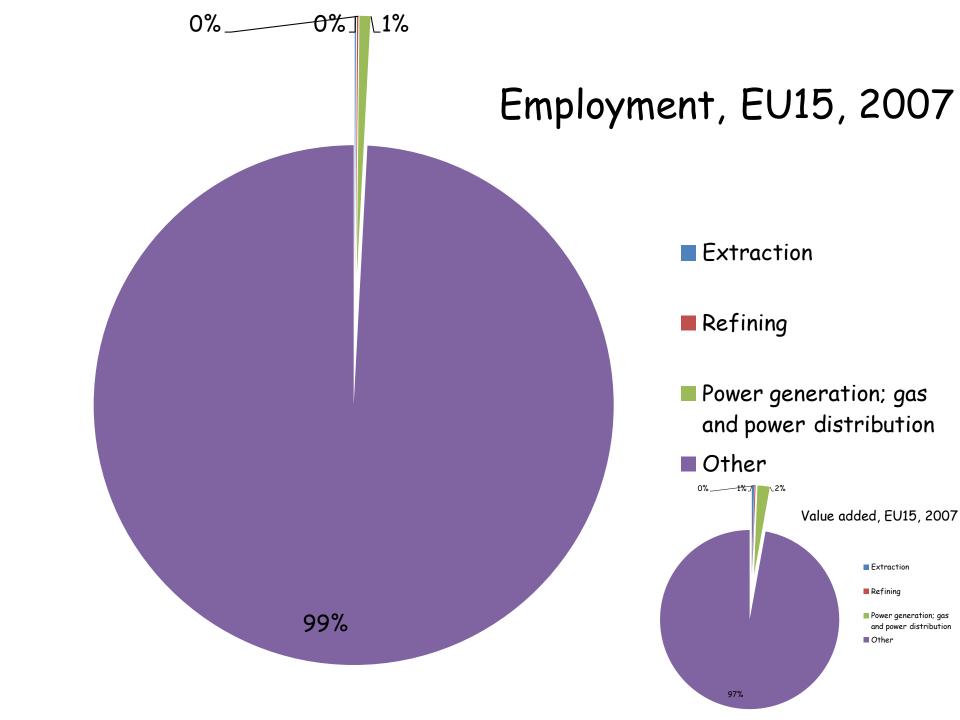


Green Growth -3

- There is substantial government support for alternative energy
- Infant industry experience shows that this
 is likely to create companies that excel at
 lobbying for more support
- Government support is fickle, unlikely to be effective in energy with its long lead times
- Government support is often about picking winners / rewarding supporters governments have a long tradition in backing the wrong horse





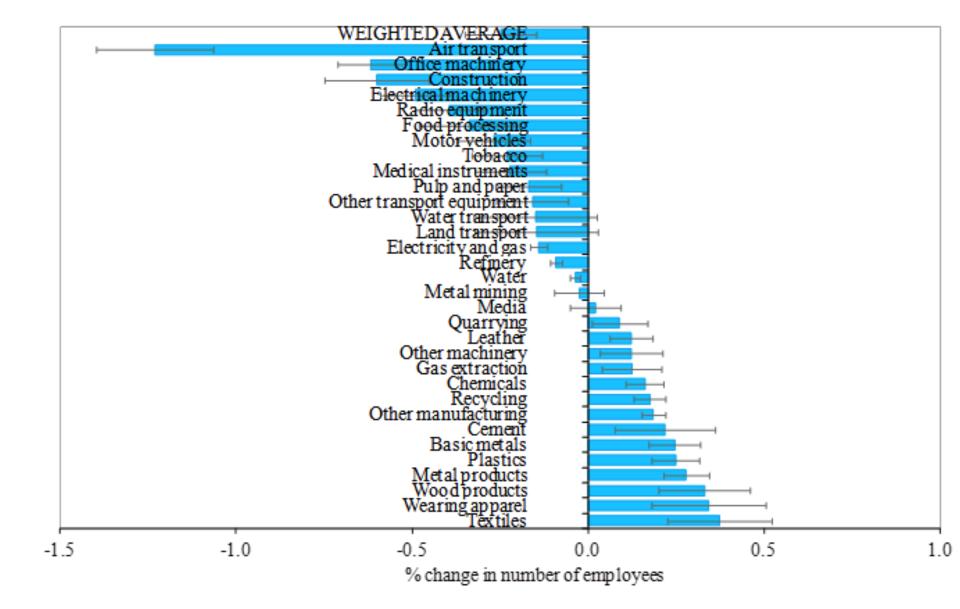


Green Jobs

- Much the same is true for employment, but more so as the energy sector is labourextensive
- The debate is distorted by accounting errors
 - Jobs are created in alternative energy
 - Jobs are destroyed in conventional energy
 - Dearer energy destroys jobs







Irish energy policy

- The best thing Ireland can do, therefore, is to keep its energy prices low
- Competition is key, but poor in Ireland
- · Wholesale gas is a recent example
- The gas interconnector is state-owned and price-regulated
- Its regulations stipulate that it must recover its annual costs
- Price is annual cost over annual flow





Irish energy policy

- Price is annual cost over annual flow
- This is a perfectly sensible rule for (part of) a monopolist
- It is perfect for competitors too: You price just below the interconnector, gain market share, the interconnector raises its price, you raise your price too, gain more market share ...
- Price regulation for gas interconnector solved the problem of that day





Irish energy policy

- Price regulation will need to be changed by Pat Rabbitte, who
 - is a member of the dominant coalition in the legislative
 - is the pre-dominant actor in the executive
 - appoints and control the budget of the regulator
 - is the trustee for the Irish citizens in their ownership of
 - the dominant player in the gas market
 - the gas interconnector



