

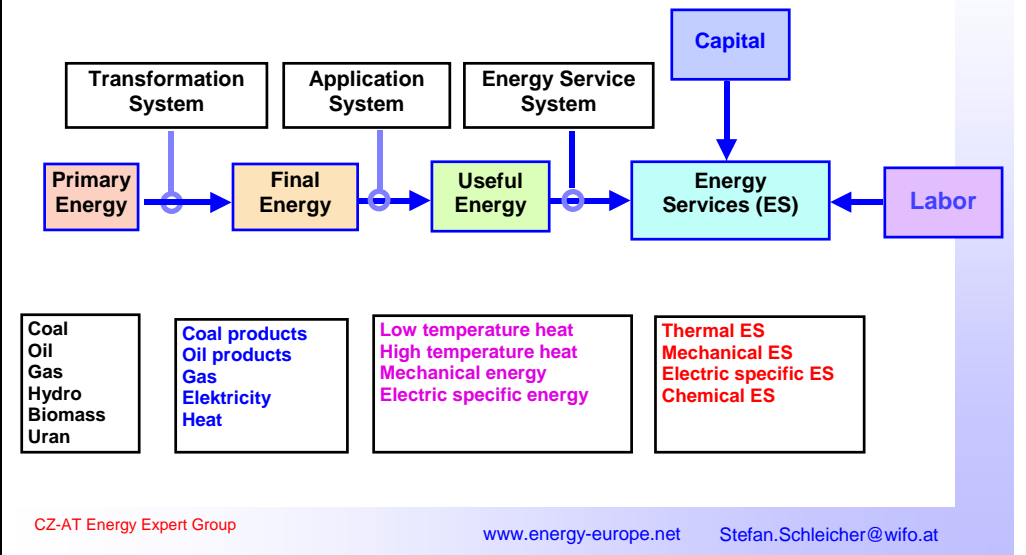
Structure of energy systems A comparative analysis

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Jirina Jilkova
Stefan Schleicher
Christian Steinreiber

Motivation

- **Comparative analysis of energy systems**
 - **Structure**
 - Composition of demand and supply
 - **Drivers**
 - Relation to economic activity
 - **Key parameters**
 - Elasticities and intensities
- **Preparation for structural modeling analysis**
 - **Energy services**
 - **Final energy consumption**
 - **Primary energy supply**

Model structure

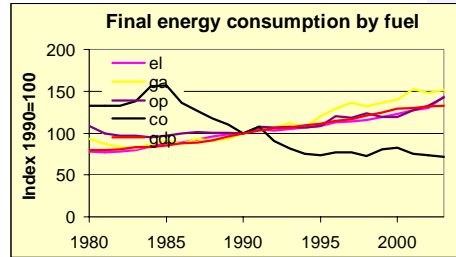
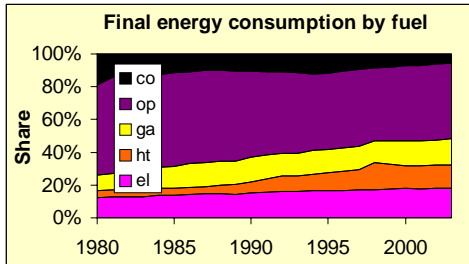


Data base

- **OECD data from 22 countries**
 - **Energy Balances**
 - **CO2 Emissions**
 - **Economic Outlook**
- **Organized in XLS**
- **Standardized fact sheets for each country**

Final energy consumption by fuel

Austria



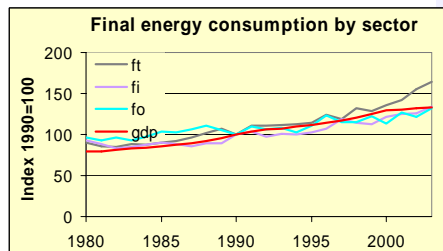
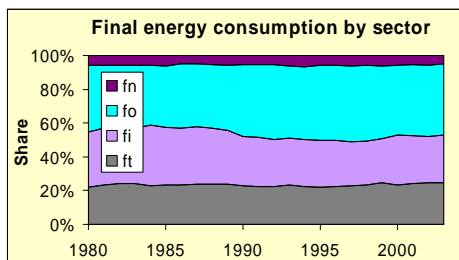
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Final energy consumption by sector

Austria

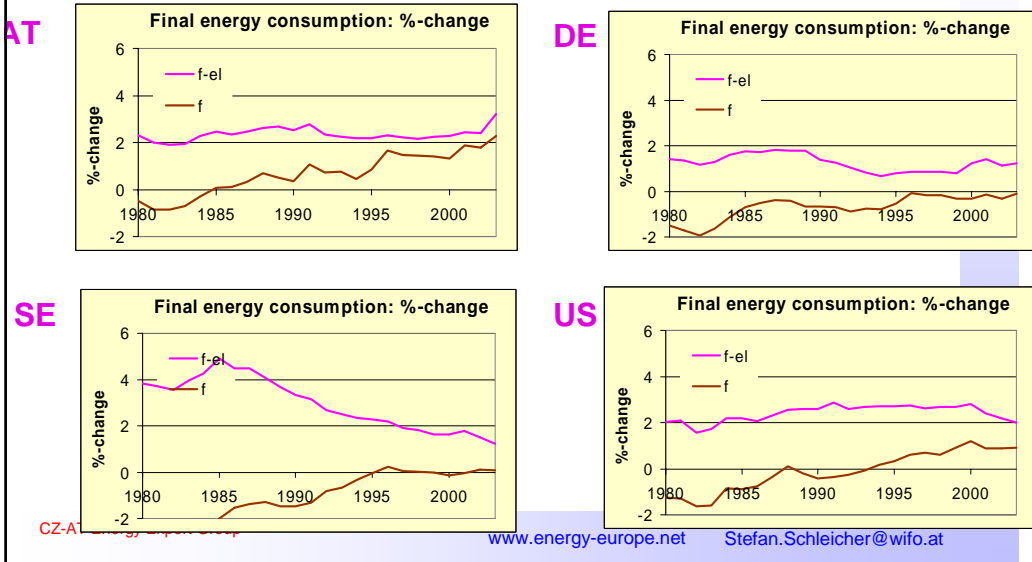


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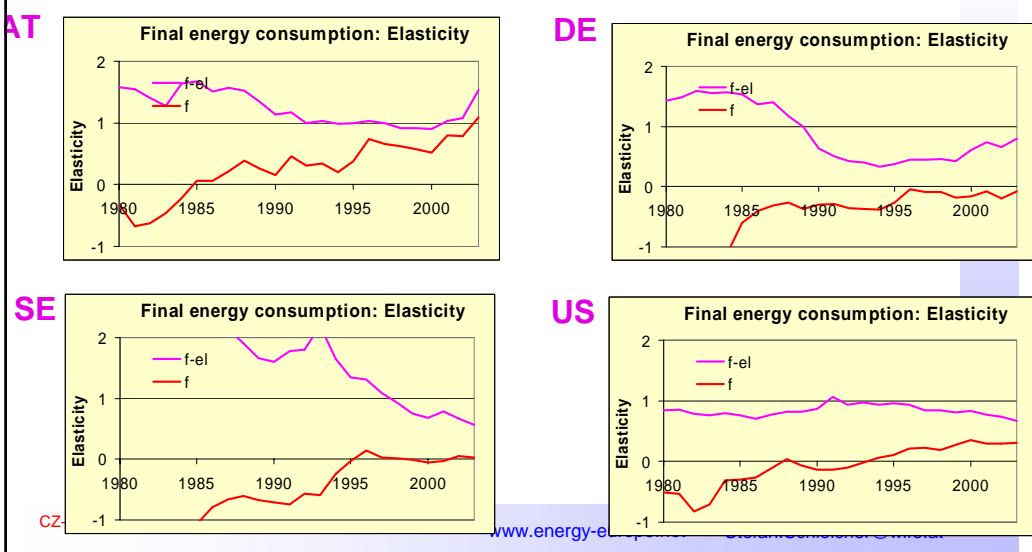
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FEC: %-change



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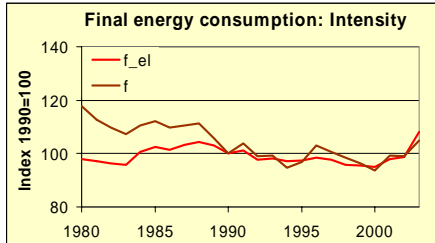
FEC: GDP-Elasticity



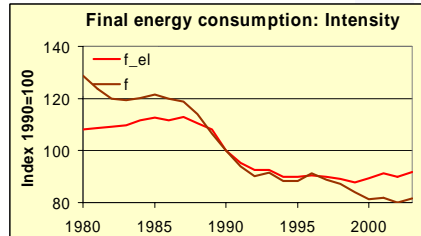
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FEC: GDP-Intensity

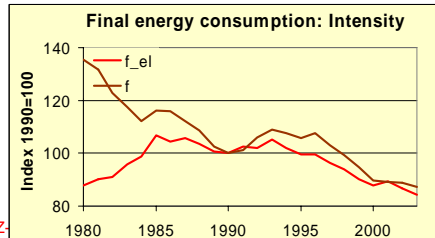
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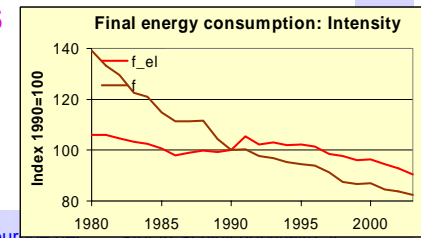
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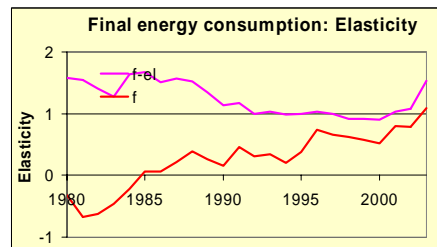
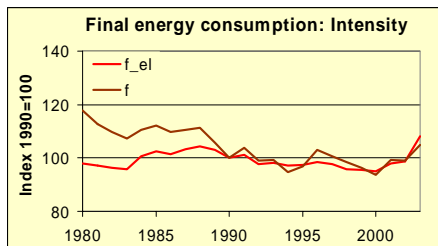
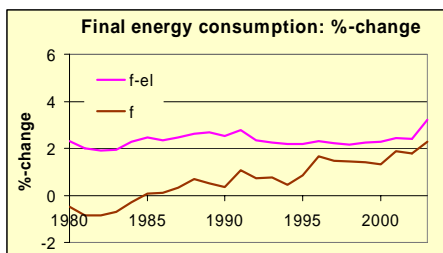
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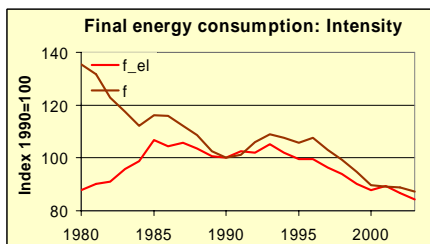
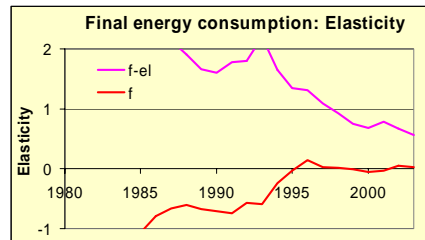
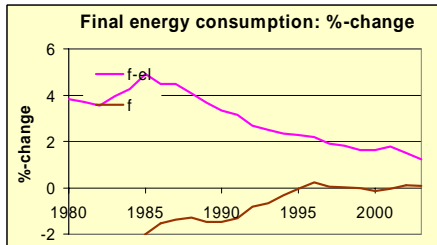
Austria



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Sweden

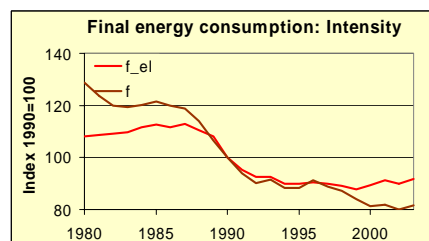
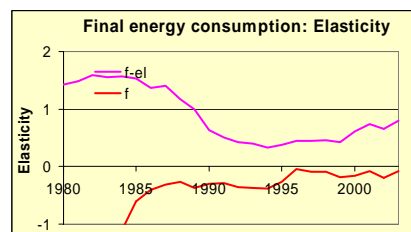
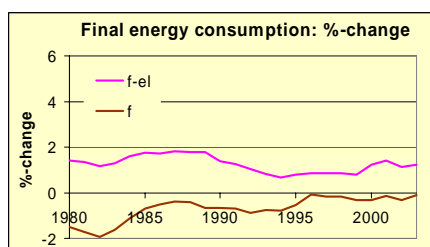


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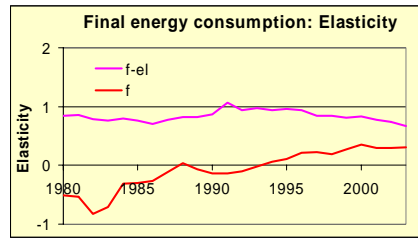
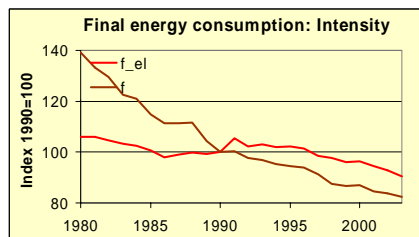
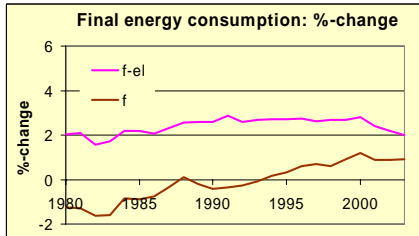


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