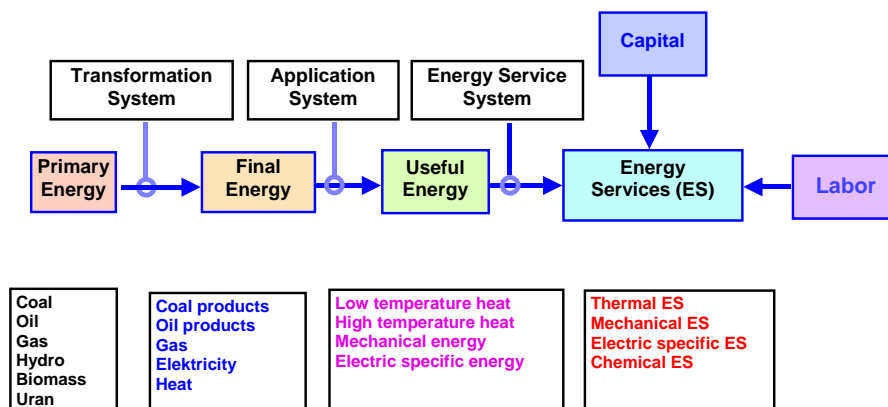


# The Czech and Austrian energy system in a European perspective

František Janouch  
Jirina Jilkova  
Stefan P. Schleicher  
Christian Steinreiber

## Structure of an energy system



## GDP and population

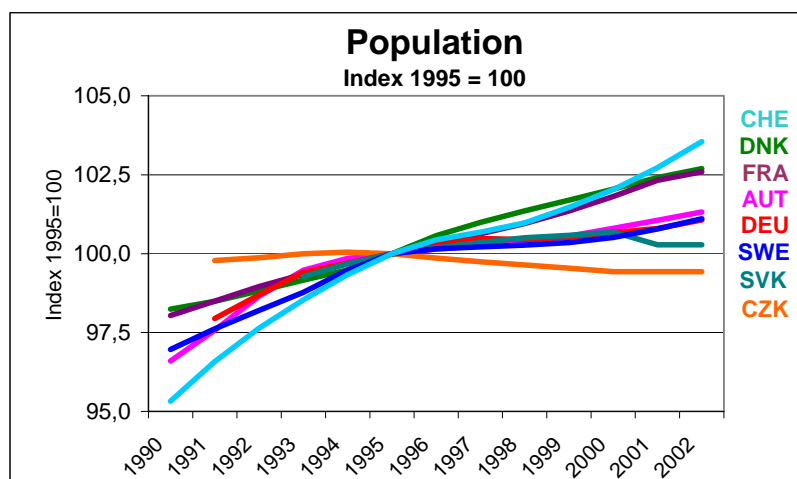
Population	Percentage change from 1995 to 2002	GDP	Percentage change from 1995 to 2002
Austria	1,3	Austria	16,8
Czech Republic	-0,6	Czech Republic	11,7
Denmark	2,7	Denmark	17,1
France	2,6	France	18,4
Germany	1,1	Germany	10,5
Slovak Republic	0,3	Slovak Republic	29,8
Sweden	1,1	Sweden	20,9
Switzerland	3,6	Switzerland	11,9

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## Population

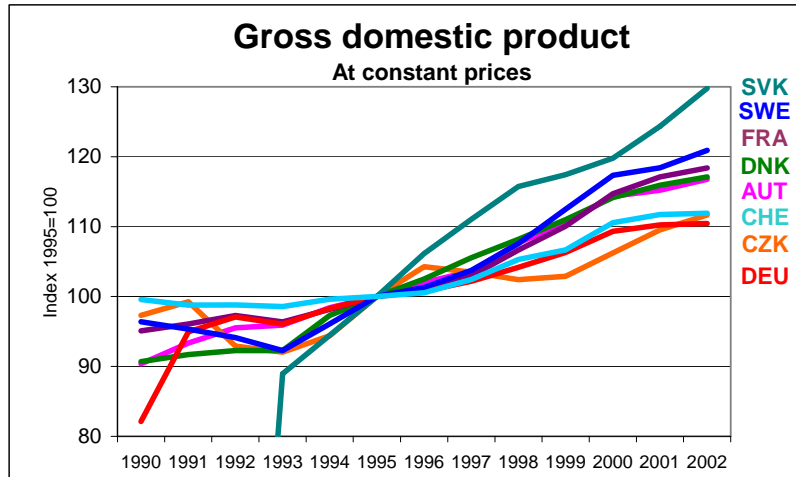


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# GDP

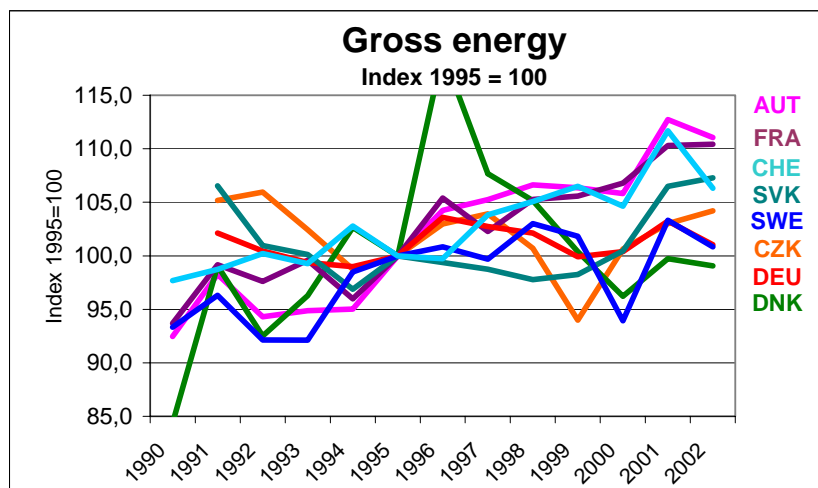


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# Gross energy



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## Gross energy, GDP, population

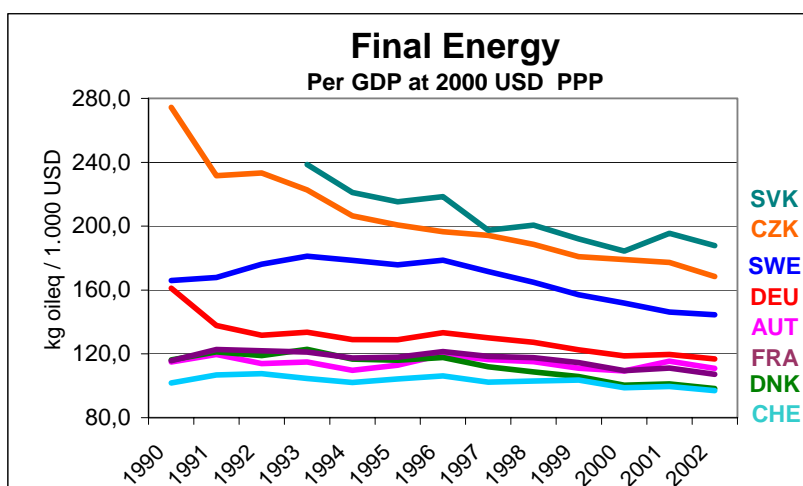
Percentage change from 1995 to 2002	Gross Energy	GDP	Population
Austria	12,1	16,8	1,3
Czech Republic	1,7	11,7	-0,6
Denmark	-1,5	17,1	2,7
France	10,4	18,4	2,6
Germany	1,2	10,5	1,1
Slovak Republic	4,5	29,8	0,3
Sweden	2,1	20,9	1,1
Switzerland	7,4	11,9	3,6

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## Final energy per GDP

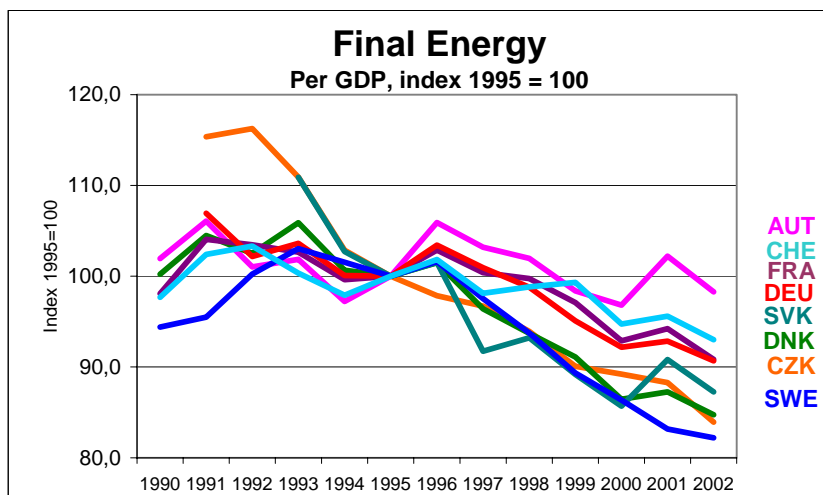


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## Final energy per GDP



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## Electricity and non-electricity

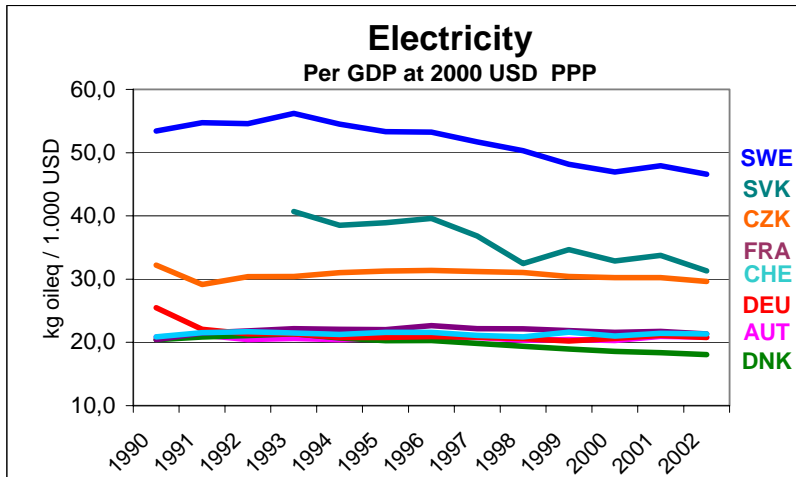
Electricity	Percentage change from 1995 to 2002	kg oil-equ. per 1.000 USD	Non-electricity	Percentage change from 1995 to 2002	kg oil-equ. per 1.000 USD
Austria	1,1	20,8	Austria	-2,4	90,1
Czech Republic	-5,3	29,6	Czech Republic	-18,1	138,9
Denmark	-10,9	18,1	Denmark	-16,2	80,2
France	-3,1	21,3	France	-10,5	85,8
Germany	0,1	20,8	Germany	-11,1	96,0
Slovak Republic	-19,5	31,3	Slovak Republic	-11,3	156,4
Sweden	-12,6	46,6	Sweden	-20,0	97,9
Switzerland	-1,3	21,3	Switzerland	-8,5	75,6

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## Electricity per GDP

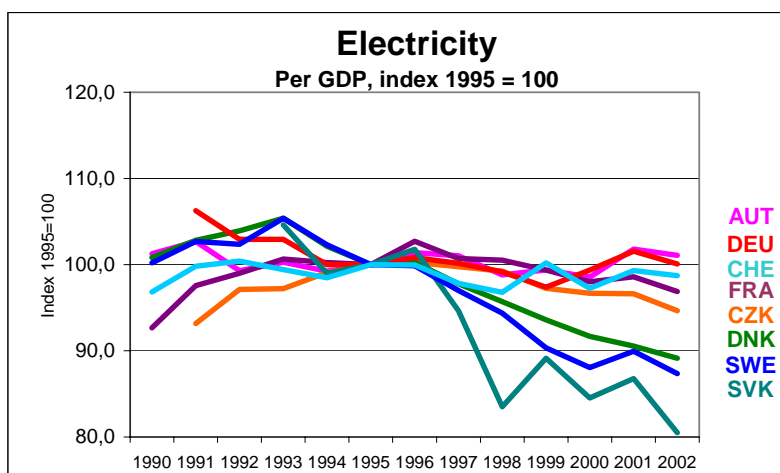


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## Electricity per GDP

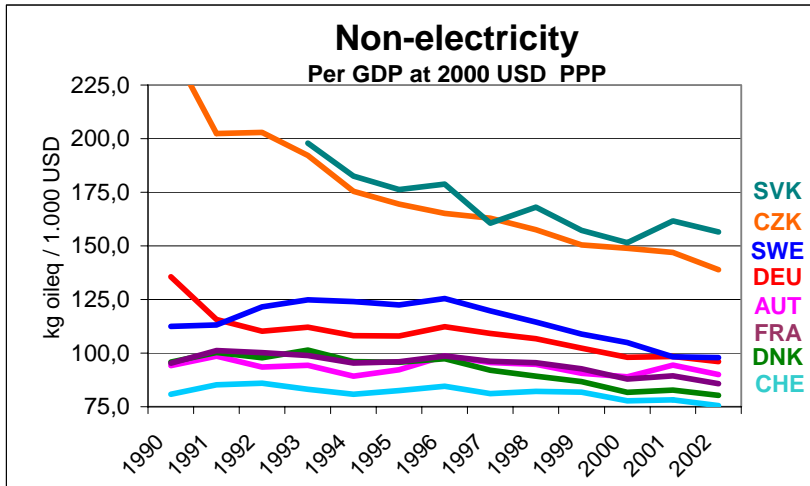


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## Non-electricity per GDP

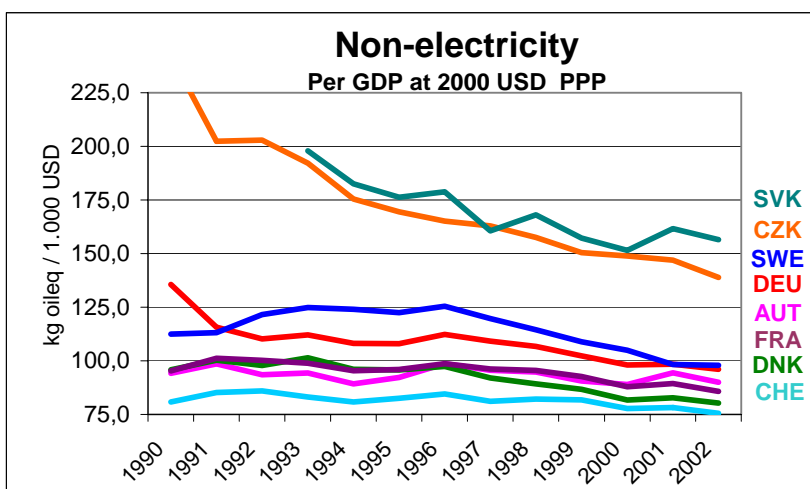


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## Non-electricity per GDP

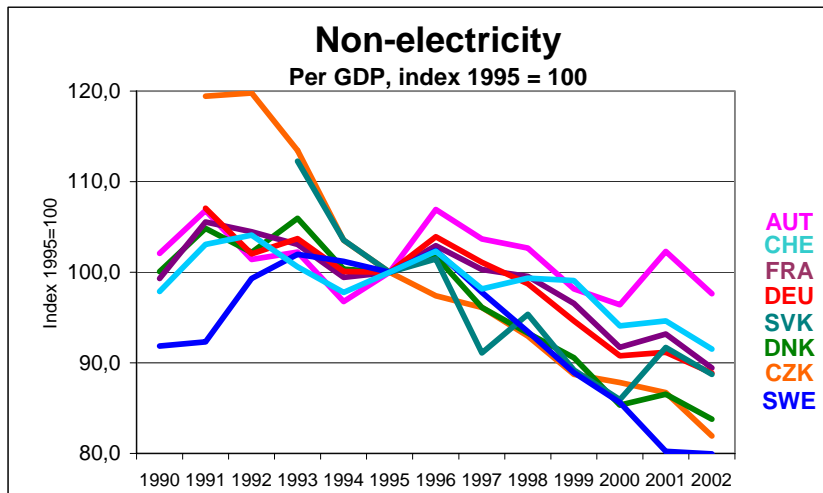


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## Non-electricity per GDP

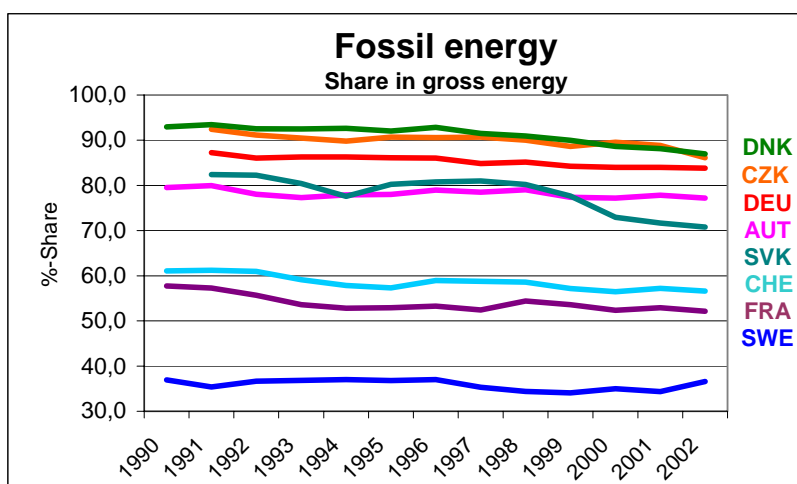


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## Fossil energy

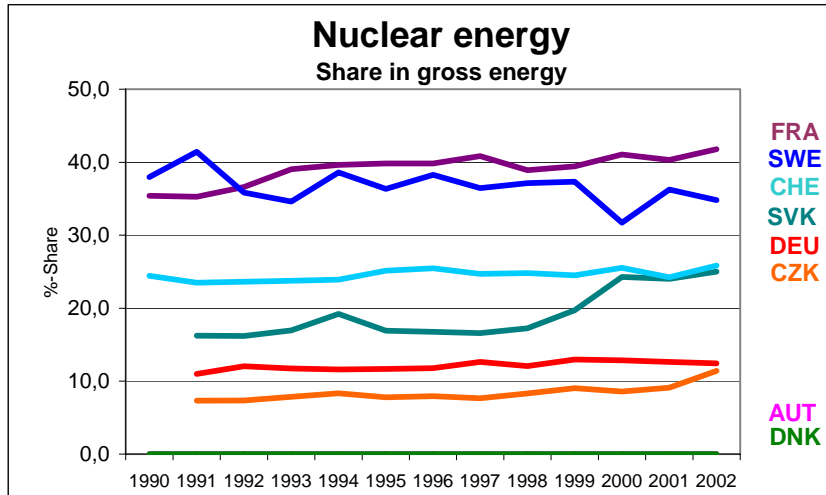


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## Nuclear energy

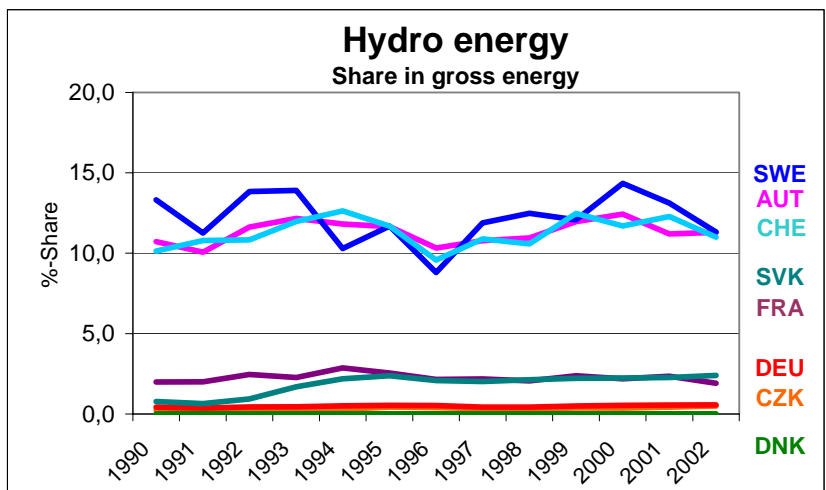


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## Hydro energy

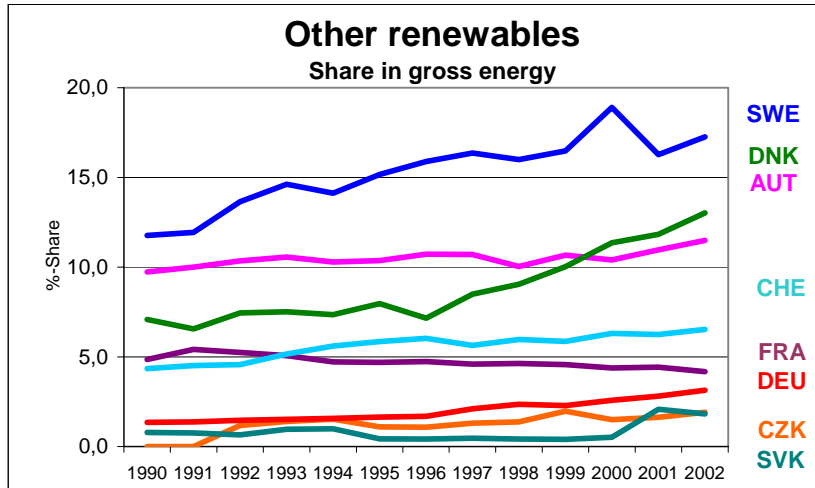


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## Other renewables

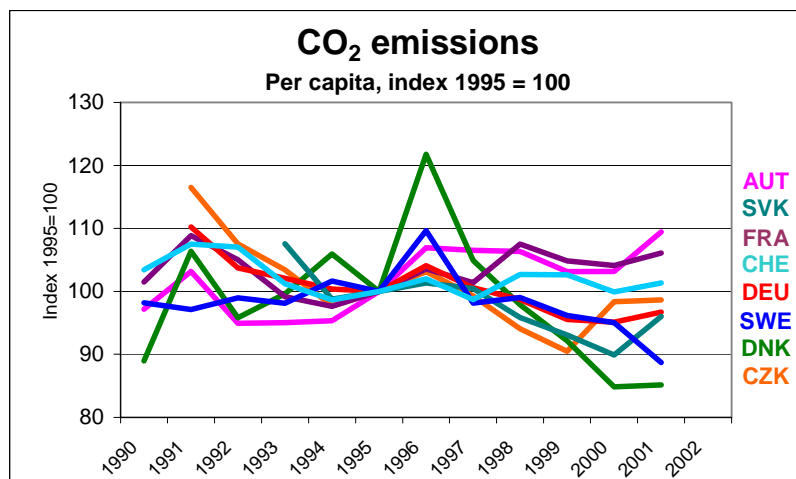


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## CO<sub>2</sub> emissions



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