

German Electricity Association - VDEW e.V.

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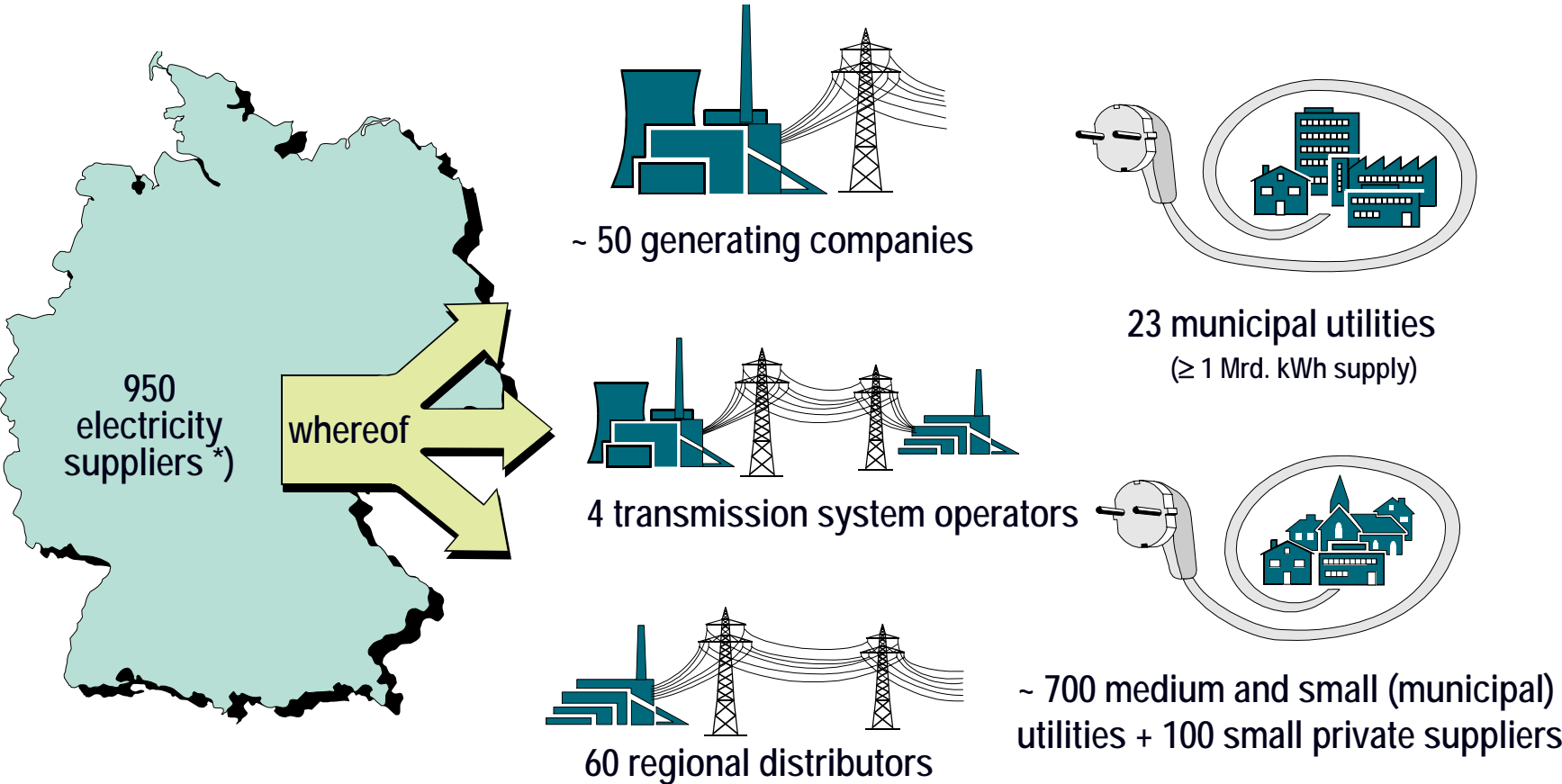
- Central industry association representing the common interest of the German electricity industry
- represents the entire value-chain: for generation, transmission, trading, sales (and also district heating)
- Approx. 750 member companies, representing approx. 90 percent of electricity supply in Germany

Main Tasks of VDEW

- Co-ordination and representation of the industry's positions: nationally and internationally
 - Promoting and cultivating of fair and competitive conditions in the German and European Electricity market
 - Positioning in all electricity-policy related issues
 - Positioning in environmental and climate-policy
- Supporting members concerning the implementation of Directives and Laws
- Platform for information exchange / press & communication platform
- Statistical data pool / conducting of customer surveys
- Organisation of workshops, seminars and topic specific events

The German electricity market

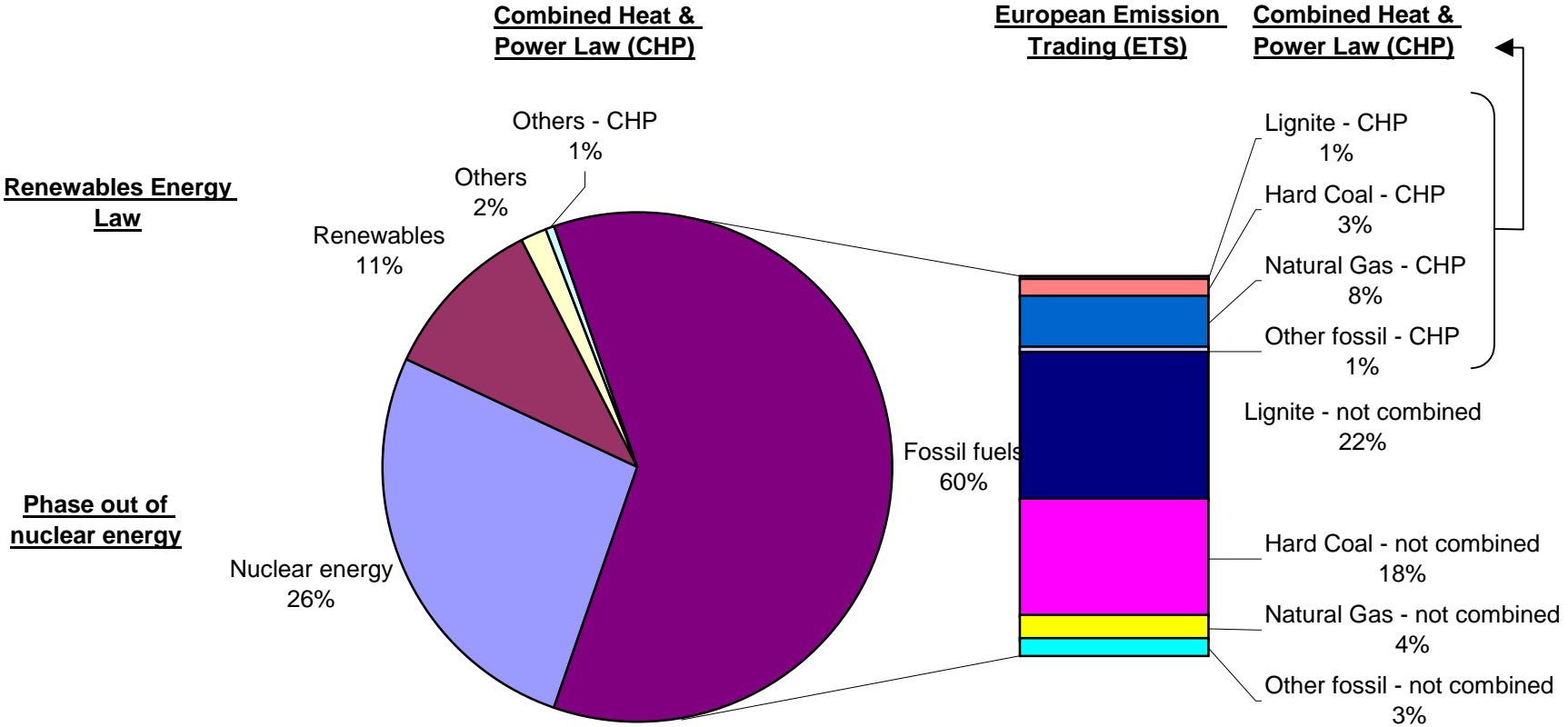
A complex universe



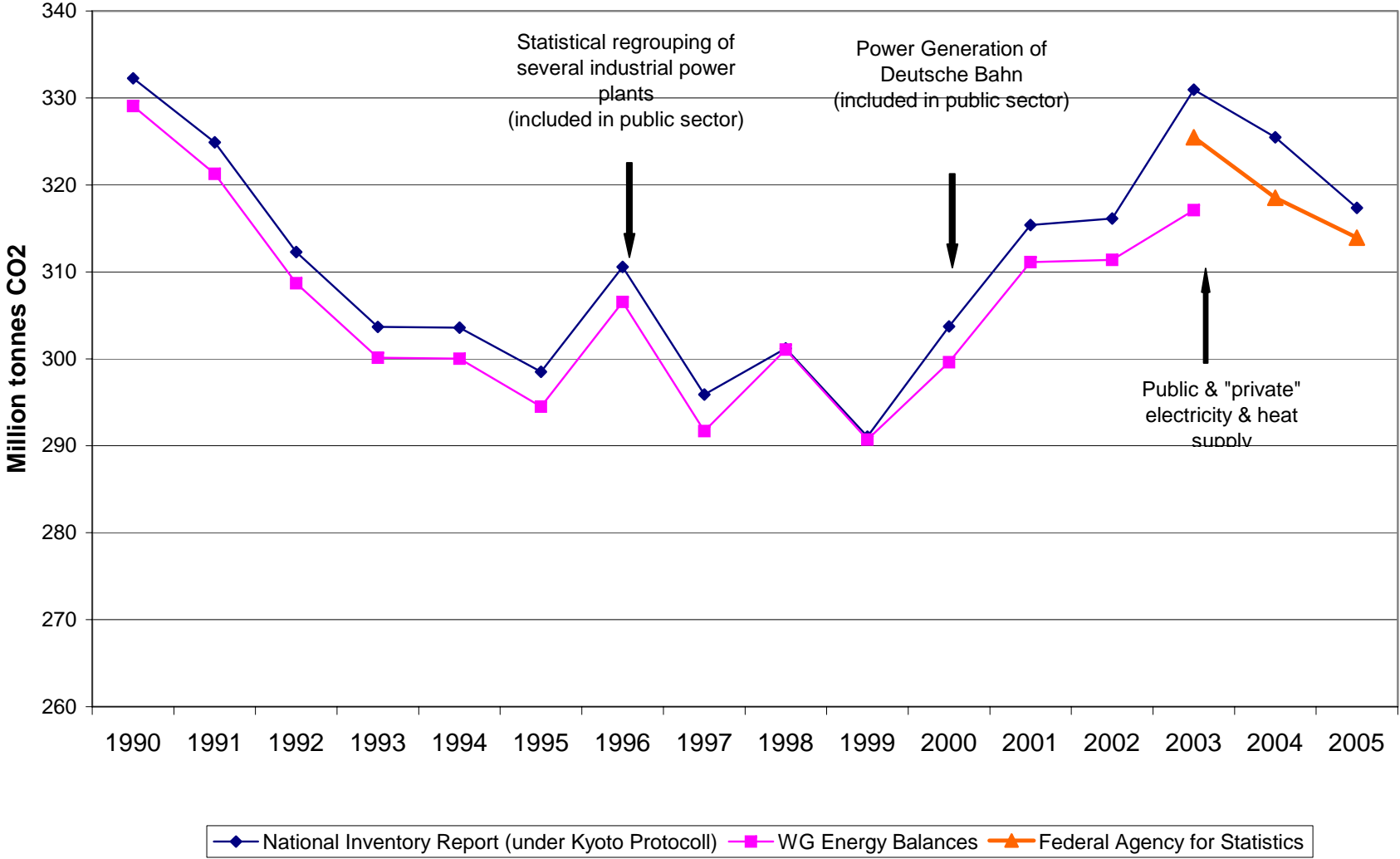
Source: VDEW; Status: 2005

*) without „new“ suppliers

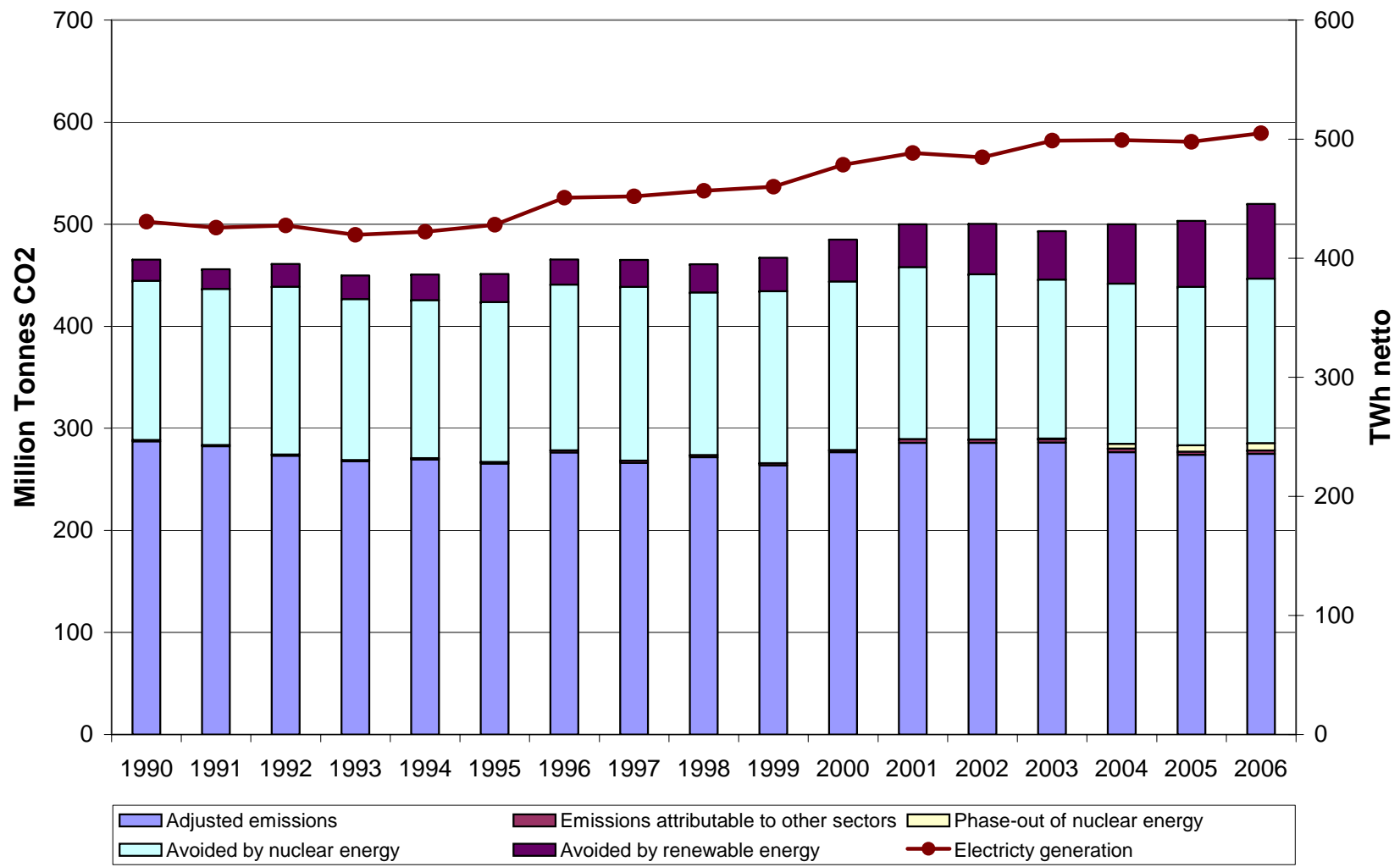
Net Electricity Generation (Germany 2005)



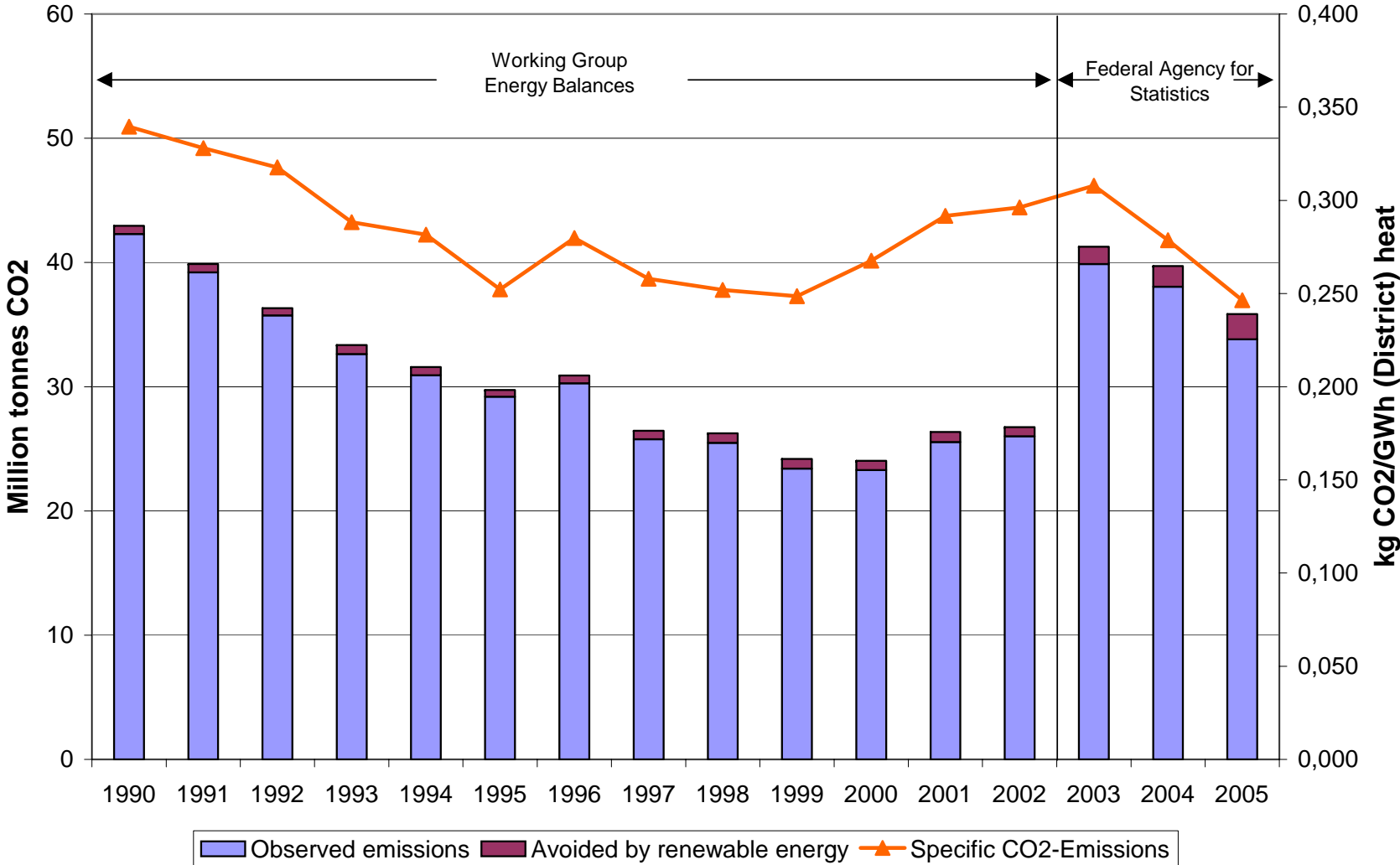
CO2-Emissions of Public Energy Sector



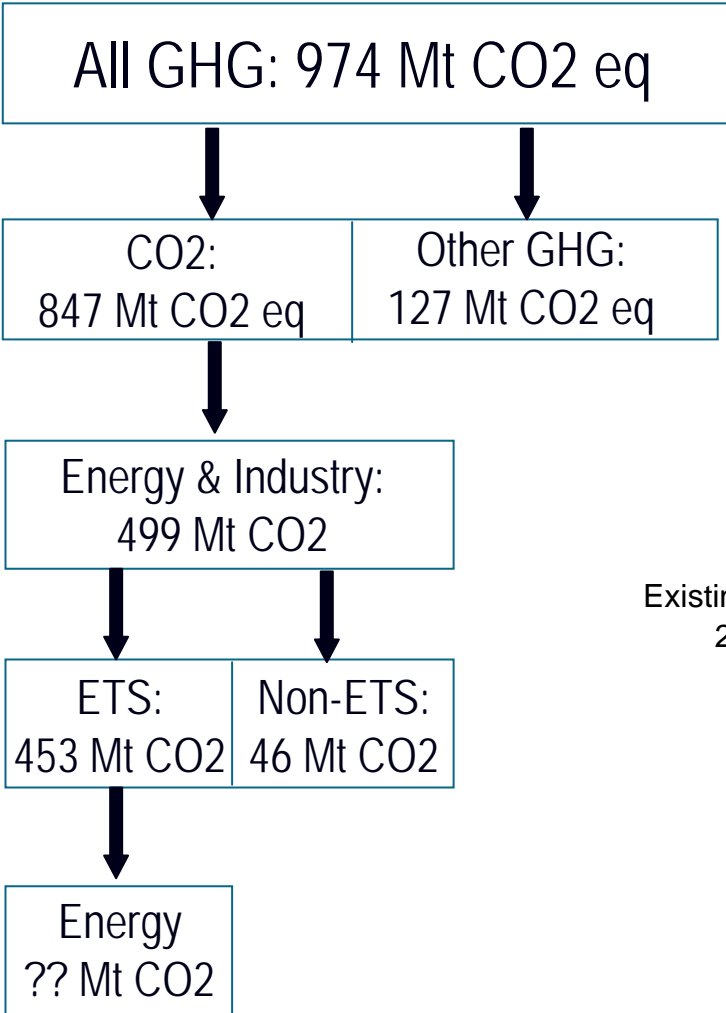
CO2-Emissions of Public Electricity Supply



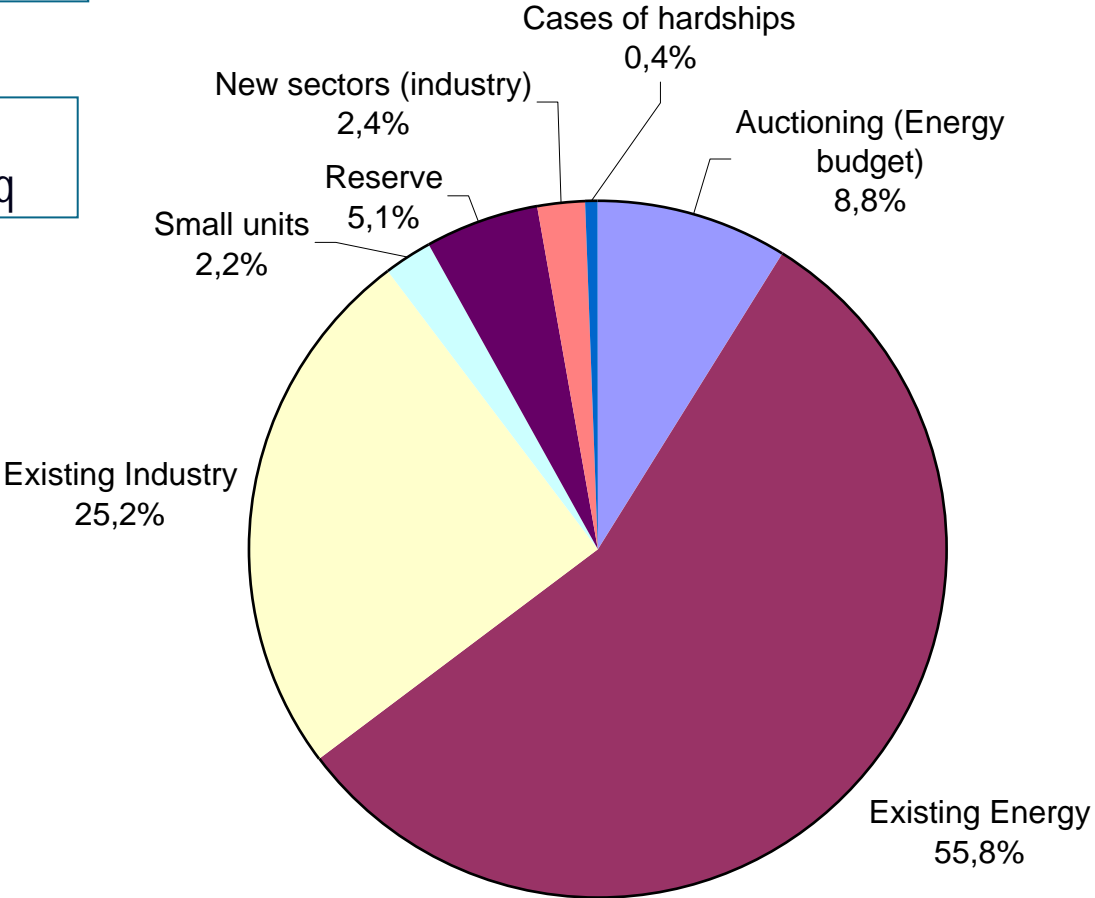
CO2-Emissions of Public Heat Supply



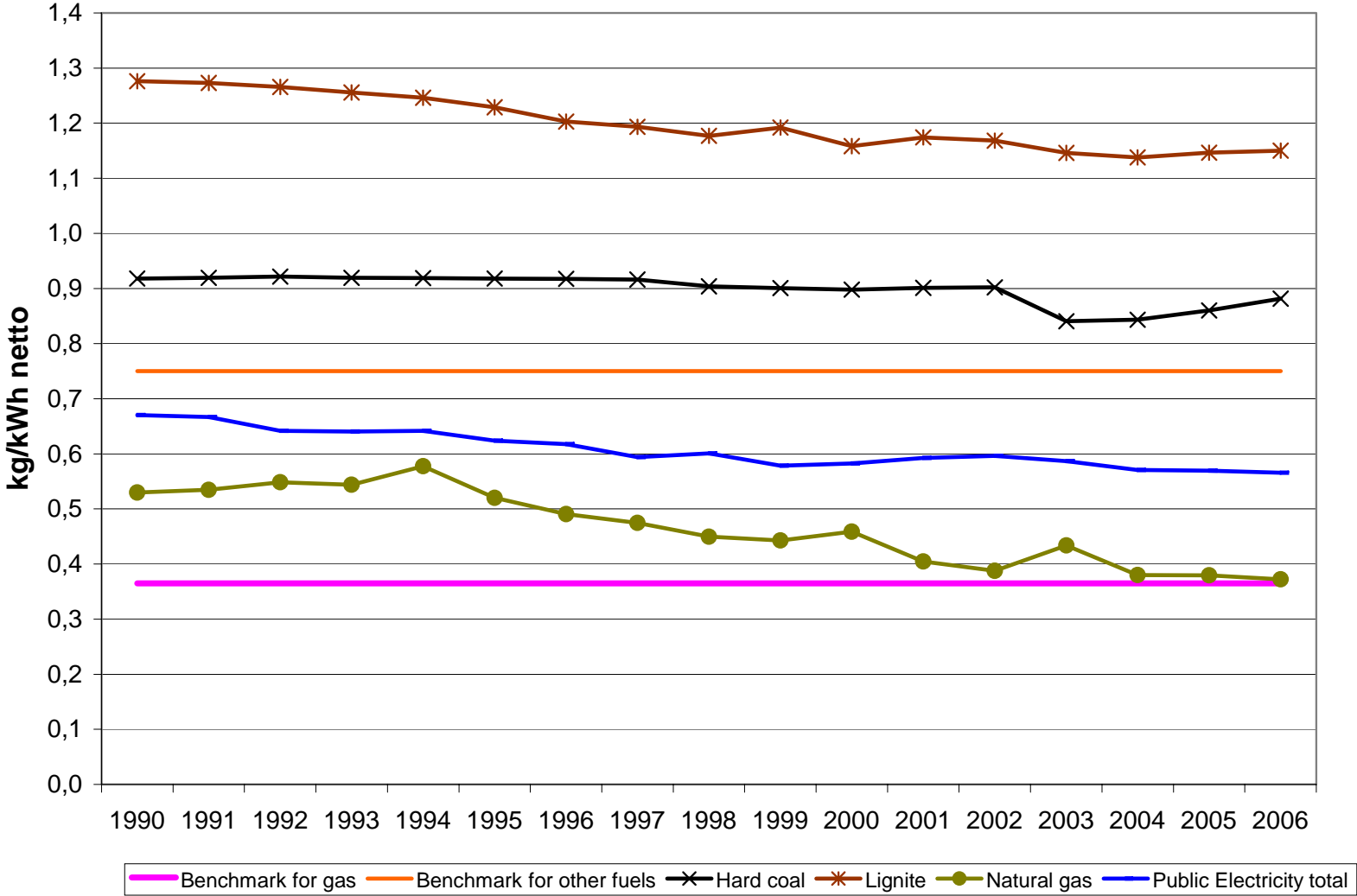
German ETS: Cap 2008 - 2012



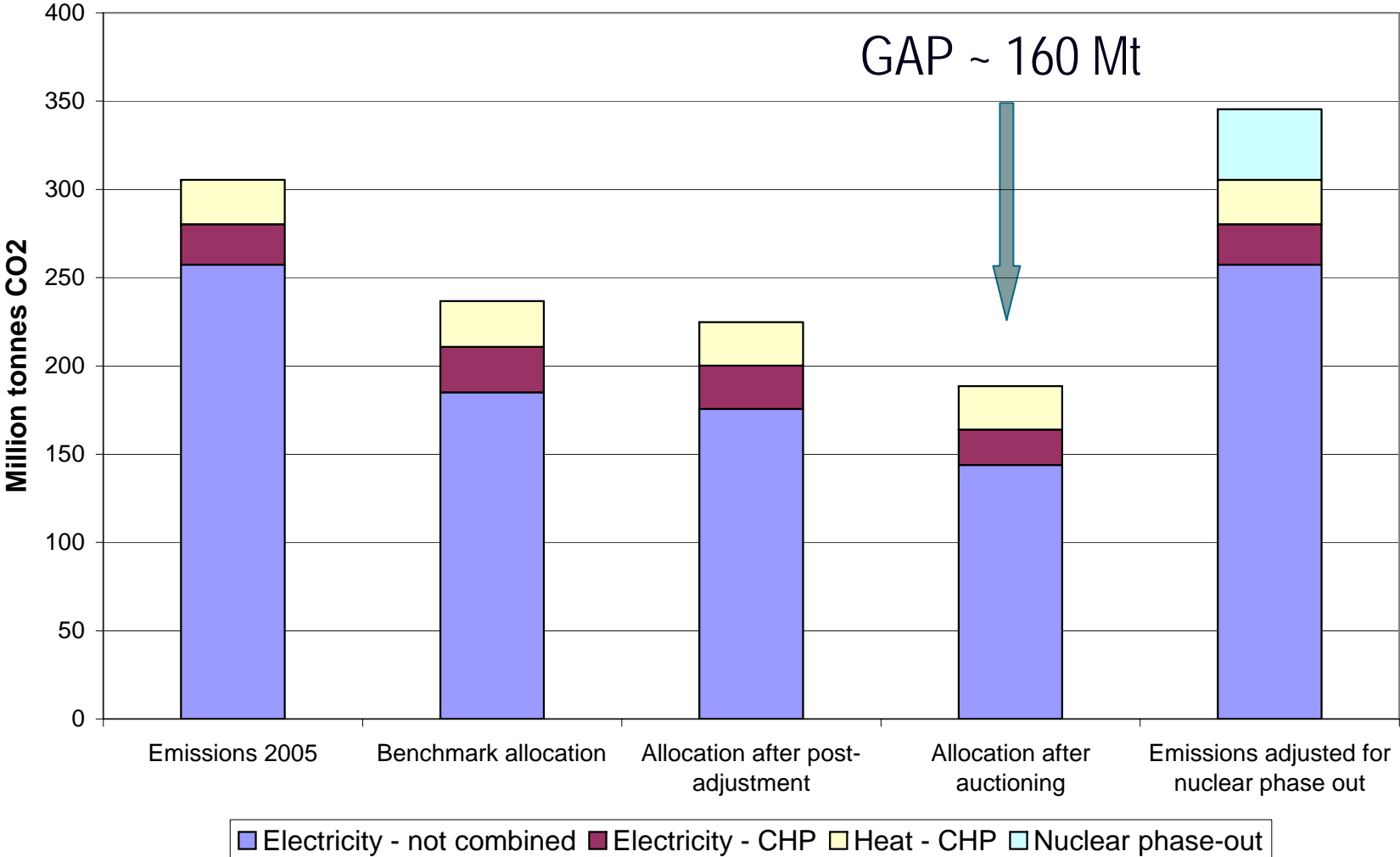
Budget 2008 - 2012



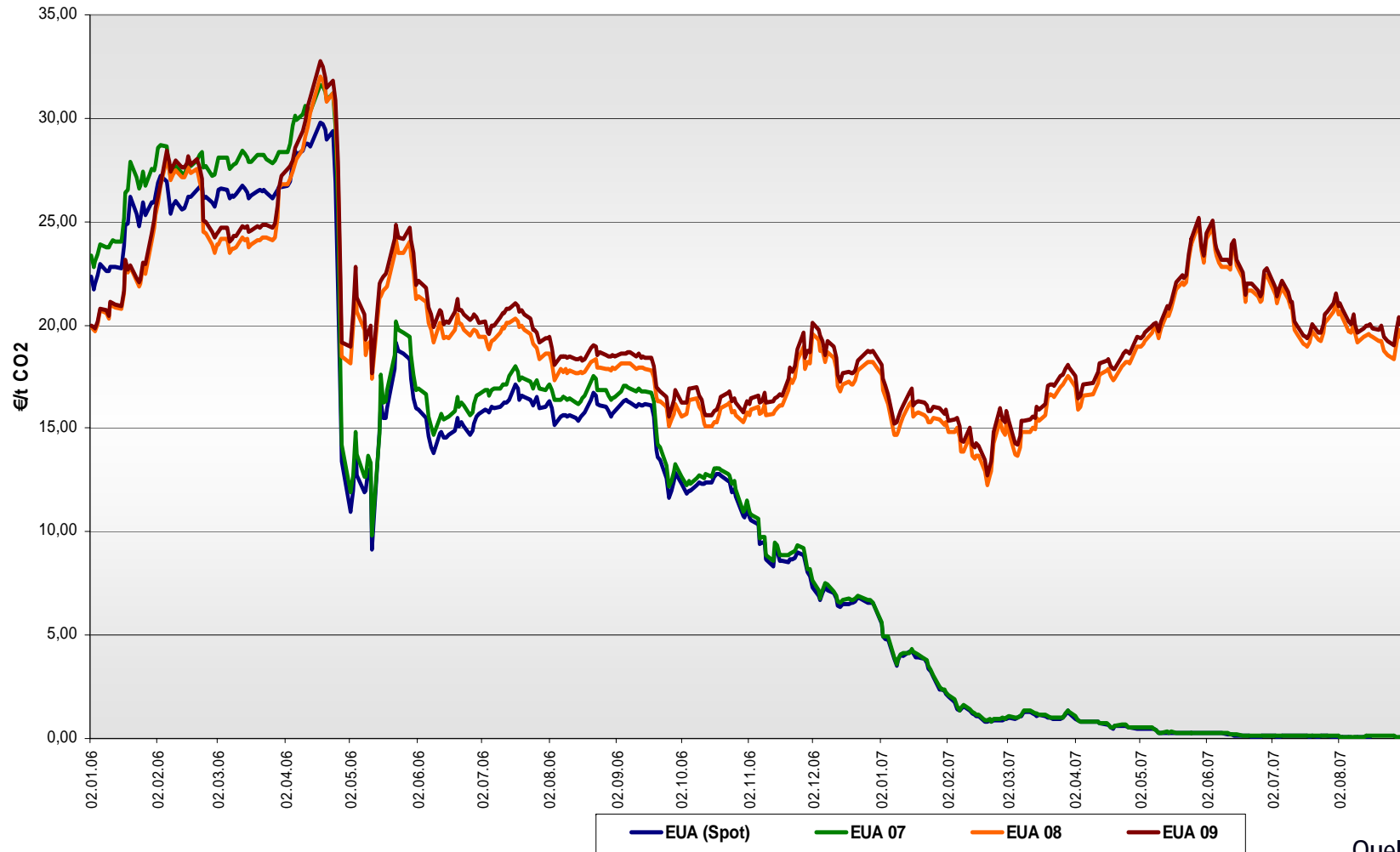
Specific CO2-Emissions of Public Electricity Supply



Allocation to Public Energy Plants (2008 - 2012) [Indicative estimate]



EU-Allowances



Quelle: EEX

Available CO2-Mitigation Measures



- Reduction of electricity and heat supply (increase of efficiency downstream)
- Increase of efficiency upstream (closure/upgrade/new construction of plants)
- Power plant portfolio management
- Substitution of energy carriers (natural gas, waste, mine gas, furnace gas, etc.)
- Renewable energy use
- Combined heat and power
- Escape from ETS (Opt-out < 20 MW boiler capacity)
- Energy contracting (take over of allowances)
- Import of electricity / reduction of exports
- Purchase of EU allowances
- JI/CDM projects (direct / secondary market)
- CCS (post 2012 ?)

CO2-Mitigation of Public Energy Supply from 1998 to 2005

