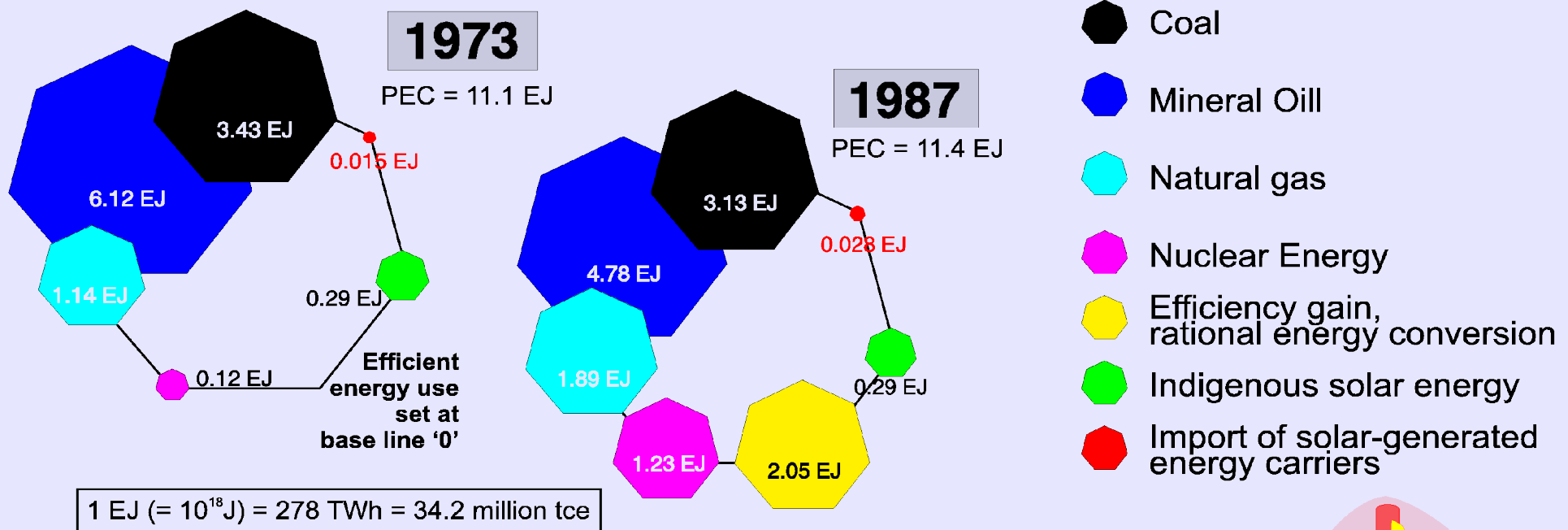
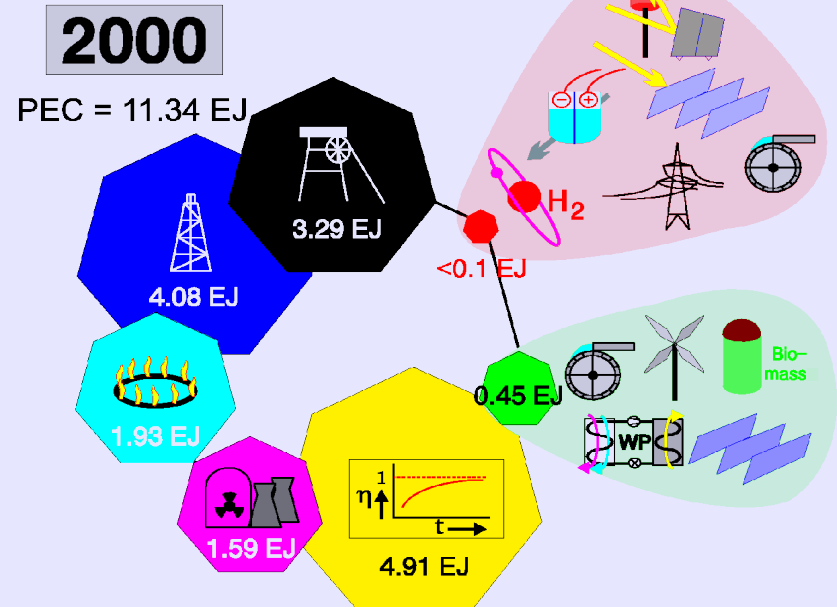


# Germany: The Energy Heptagon



- 1960-1973:  
Gross National Product (GNP) and Primary Energy Consumption (PEC): Increase = 4.4%/a
- 1973-1987:  
GNP increase = 1.86%/a, PEC increase = 0.17%/a
- 1987-2000:  
Targets for GNP increase 1.8%/a, for PEC increase  $\approx$ 0%/a
- Reduction in energy intensity:  
70% attributed to efficient energy use and 30% to structural changes in the economy (after Marovic et al. (ISI,1987))

Sources: AG Energiebilanzen (1973,1987), ESSO (2000), Statistisches Bundesamt



The Hydrogen Energy Economy