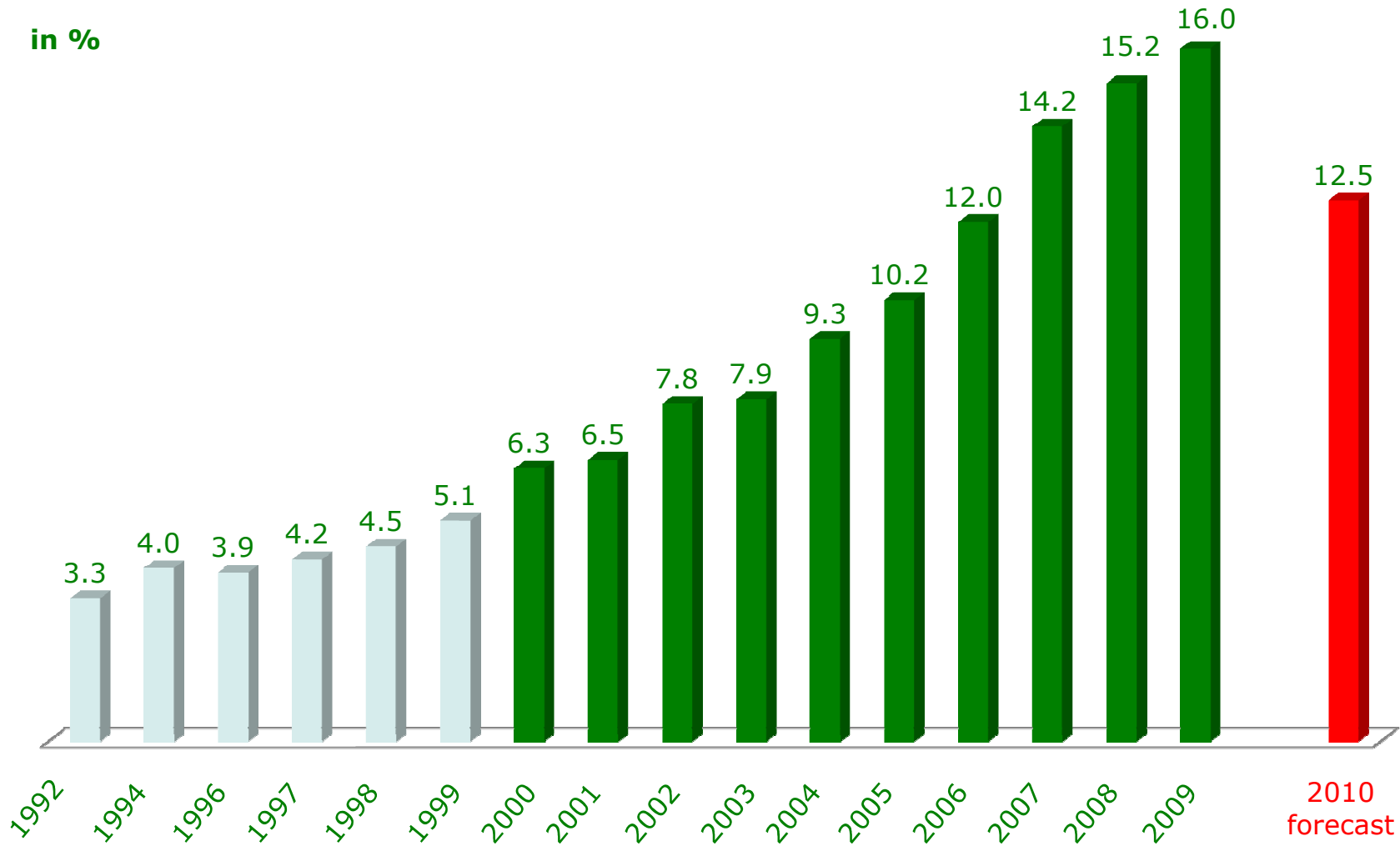


***VerdeXchange***  
*January 25th 2010*

Hans-Josef Fell,  
Member of German  
Parliament

# Share of Renewables in the Gross Electricity Consumption in Germany

in %

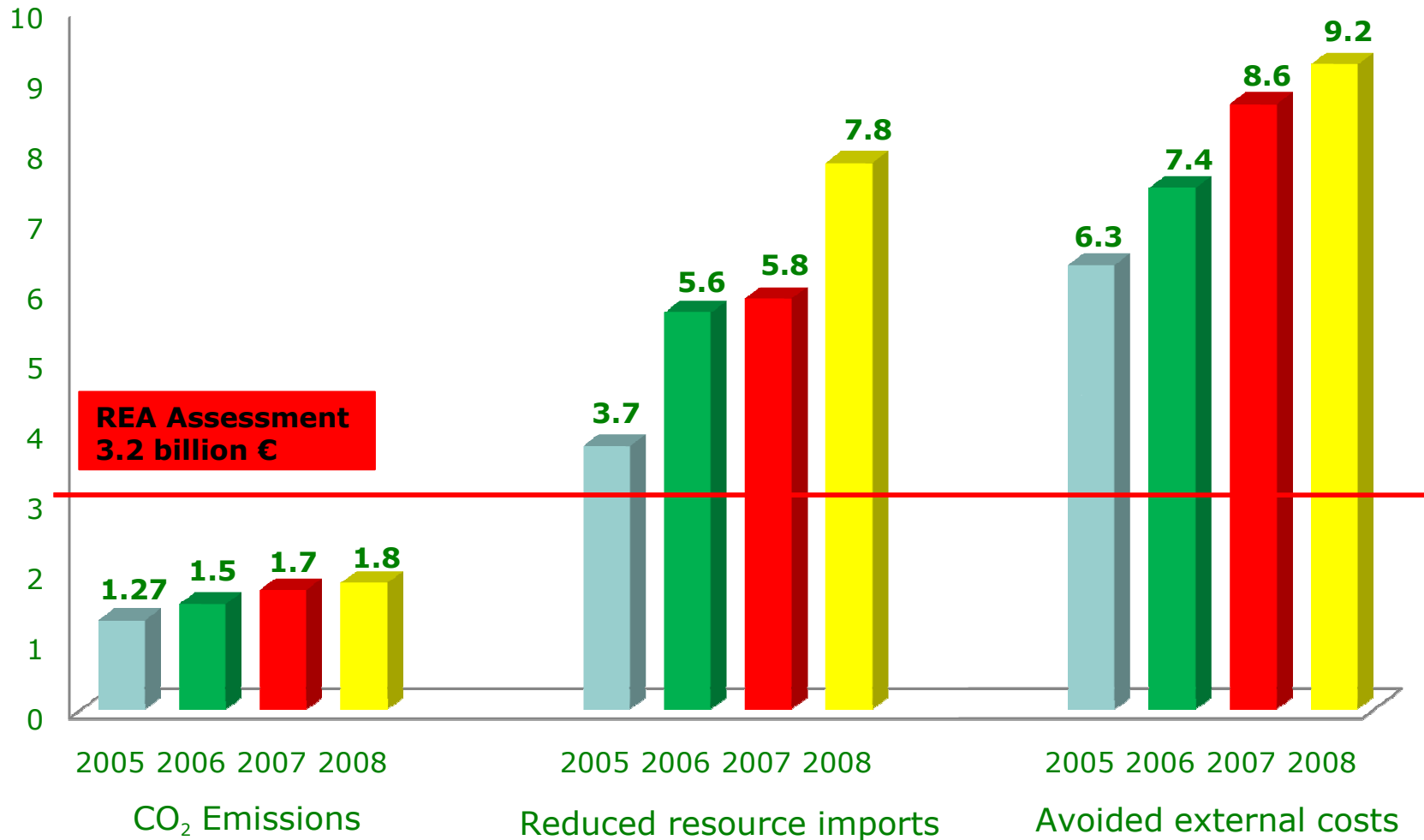


Source: BDEW

Hans-Josef Fell  
[www.hans-josef-fell.de](http://www.hans-josef-fell.de)

# Avoided Costs due to Renewable Energies

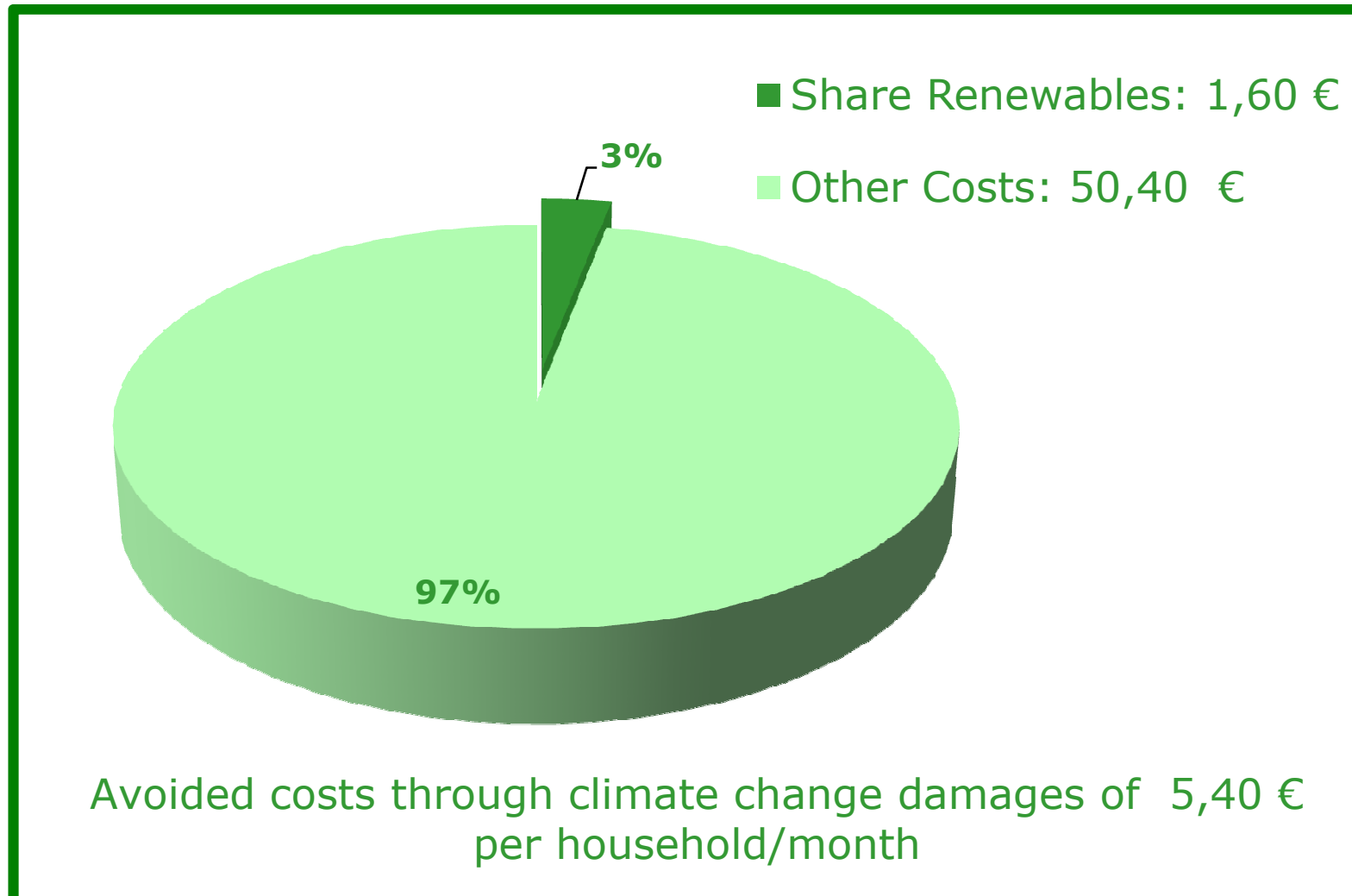
Billion €



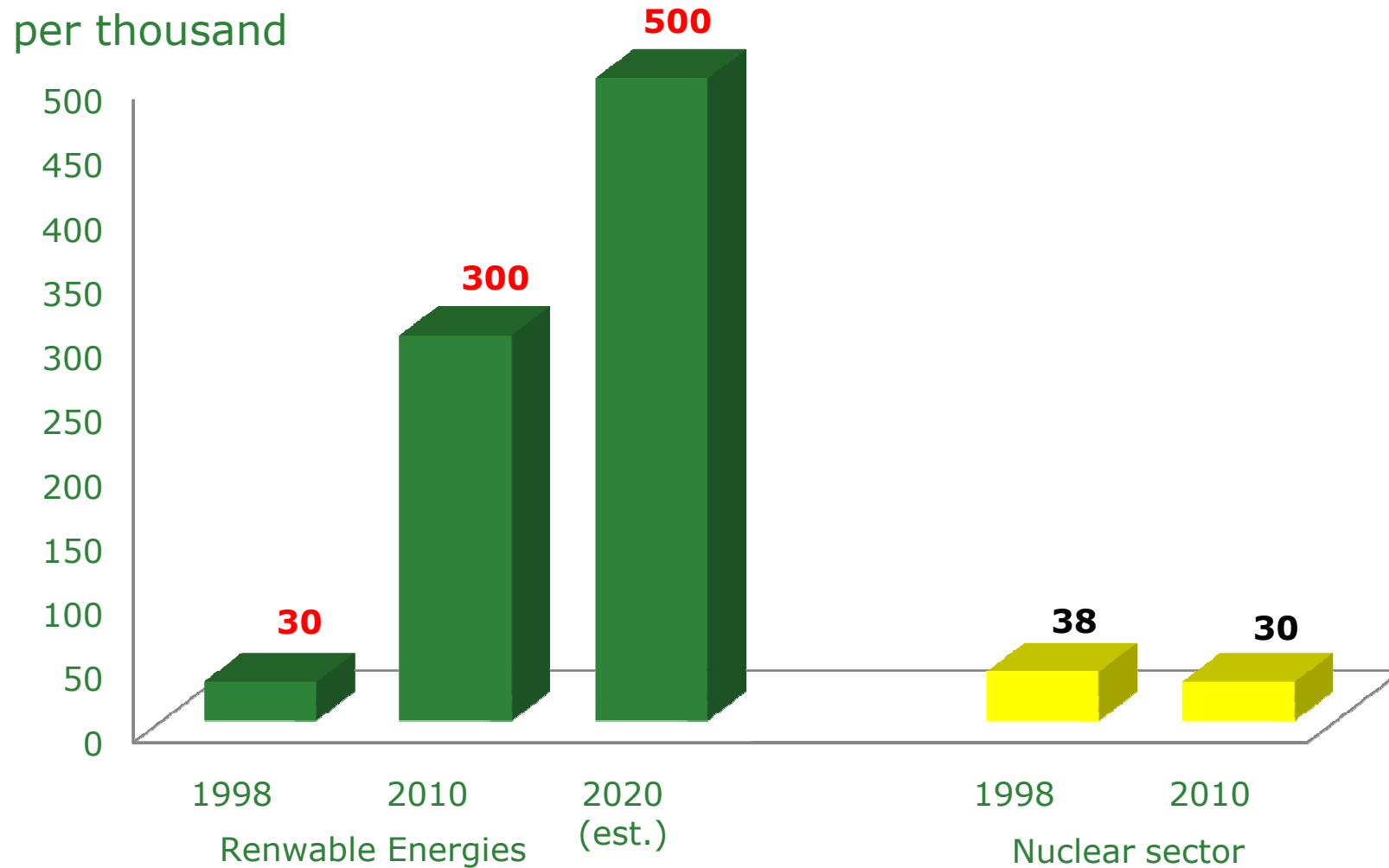
Source: BEE

Hans-Josef Fell  
[www.hans-josef-fell.de](http://www.hans-josef-fell.de)

# Average electricity costs for a multi-person household in Germany (2007): 52 €



# Job engine renewable energies in Germany

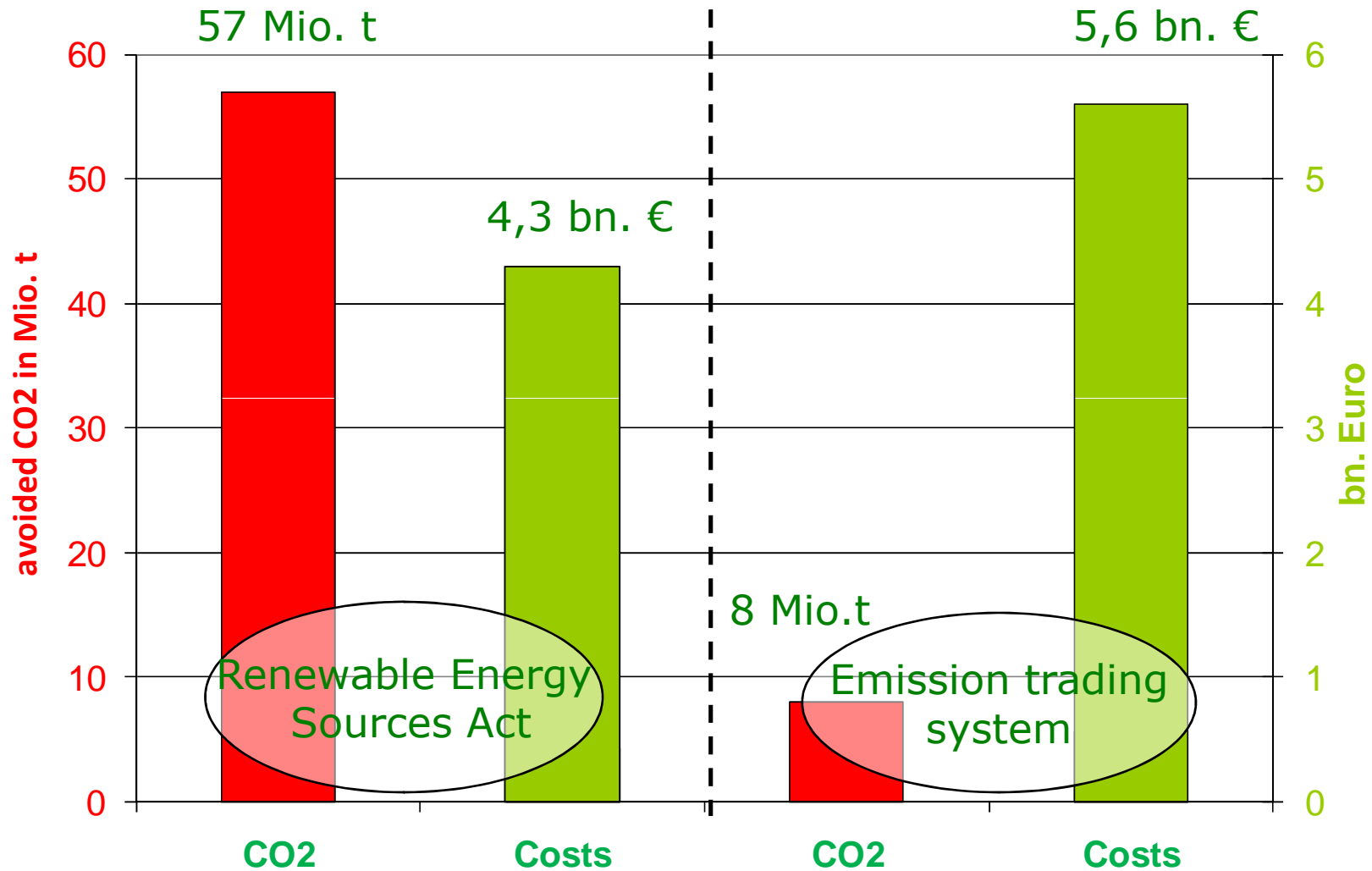


Source: BEE /BMU 2009

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# Comparing Climate protection tools in Germany

Renewable Energy Sources Act (2007) v. Emission trading system (2005-07)



# A Path to Sustainable Energy by 2030



'Wind, water and solar technologies can provide 100 percent of the world's energy, eliminating all fossil fuels.'

*(Mark Z. Jacobson & Mark A. Delucchi)*





Climate problems can be solved only by two strategies:

1. Stop greenhouse gas emission  
(not only to reduce the emission)
  - promote renewable technologies
  - completely canceling the use of fossile and nuclear energies
2. Taking out carbon from athmosphere
  - convert plants to humus soil
  - reforesting big areas

The Target must be: **350 ppm CO2** concentration

Many Thanks  
for your Attention!

**HANS-  
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