Introduction to Solar Energy Energy Conversion II

Week 1.2.2

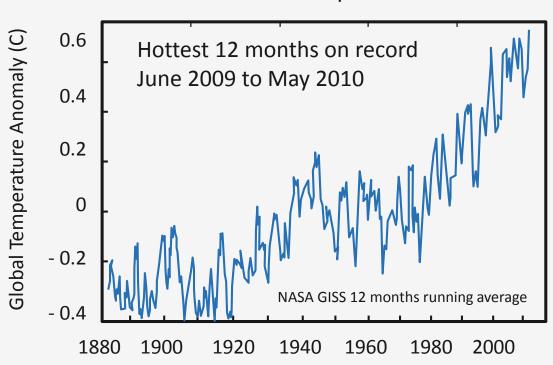
Arno Smets



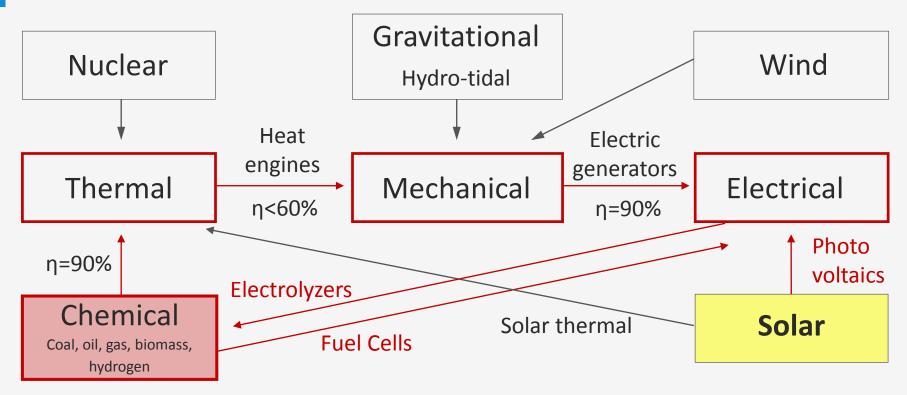
The Energy Problem

Climate change

Global Temperature

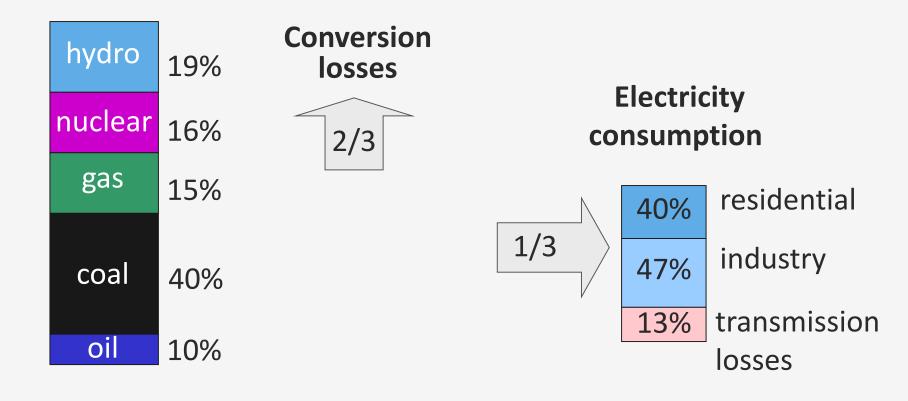


Energy conversion

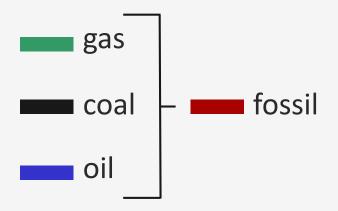


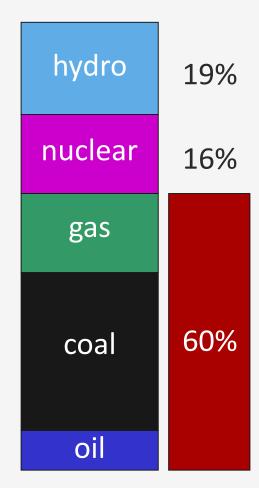
(Source: L. Freris, D. Infield, Renewable Energy in power Systems, Wiley 2008)

Electricity generation 2007

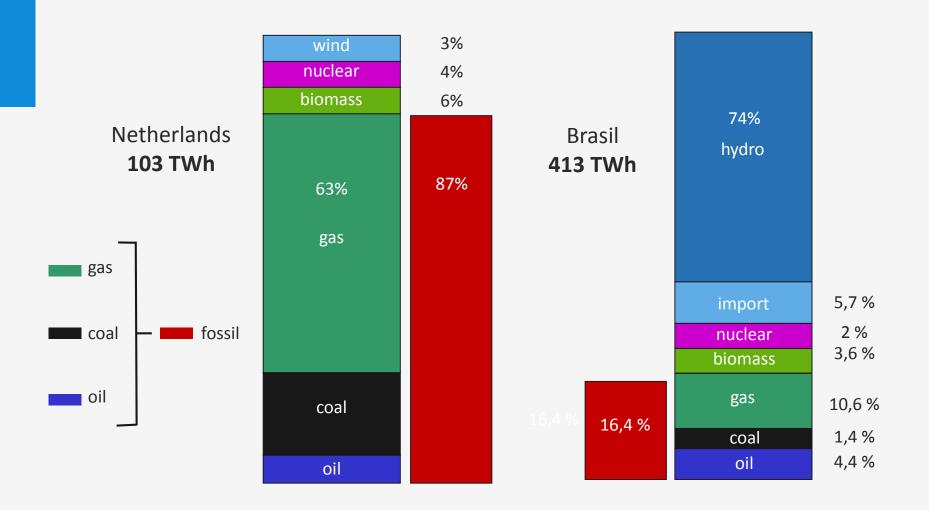


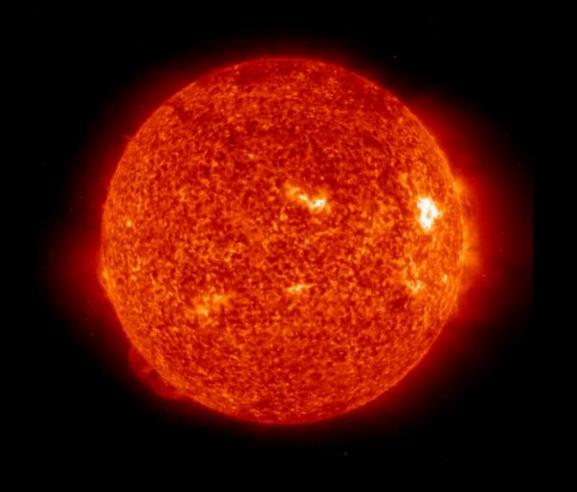
Worldwide generation **20,202 TWh**





5000 x 0.5 GW Nuclear power plant





Thank you for your attention!

