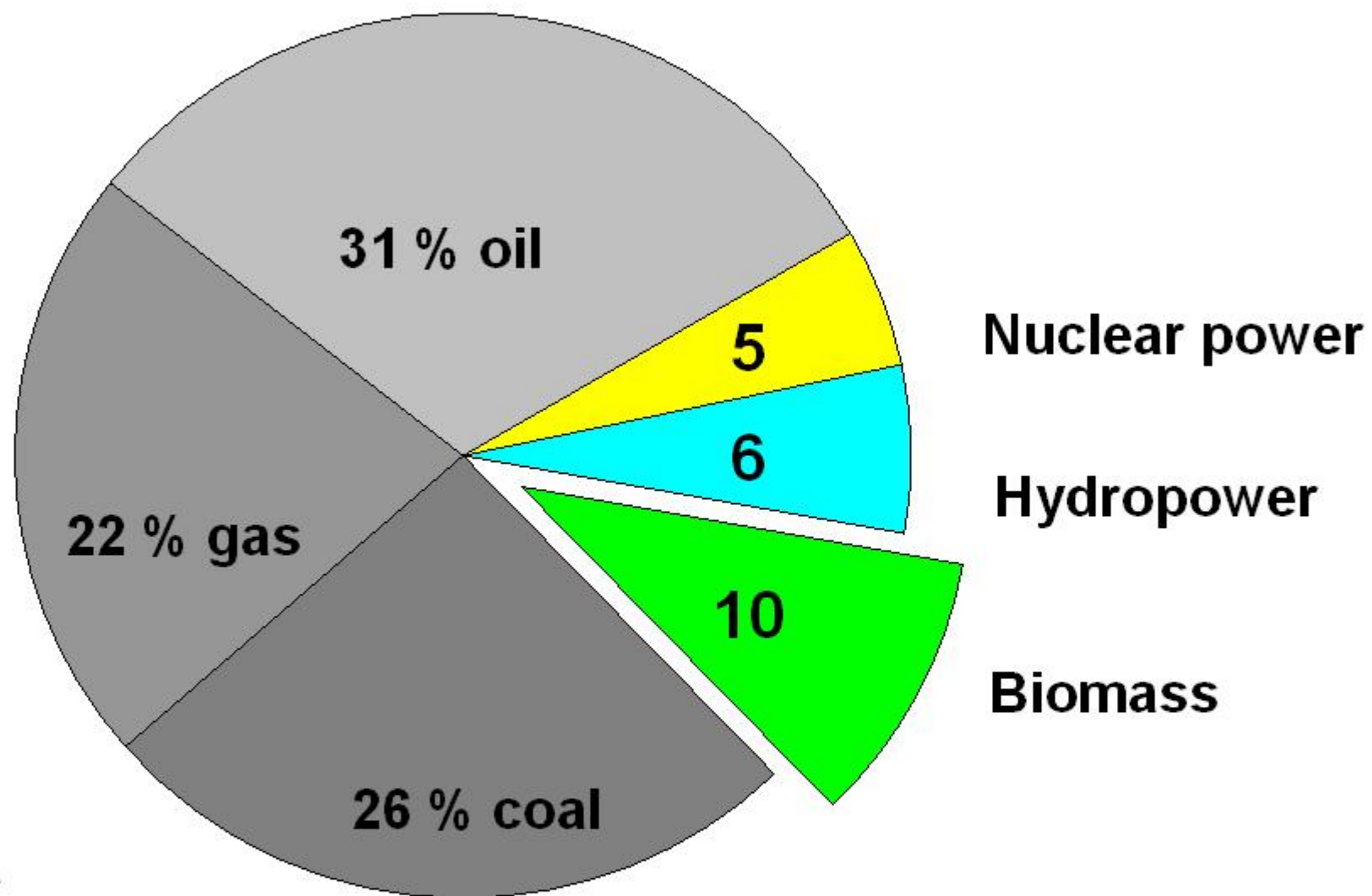


Fossil fuels ~ 79 %

**Oil reserves ~ 170 Gtoe
Consumption 4.0 Gtoe/a**

**Gas reserves ~ 180 Gtoe
Consumption 2.8 Gtoe/a**

**Coal reserves ~ 1500 Gtoe
Consumption 3.4 Gtoe/a**



Doubling from ca. 13 today to ca. 25 Gtoe/a in ca. 50-100 a

1 toe (tonne oil equivalent) = 44 GJ; 1 kW(th) = 0.375 kW(el) hydropower conversion