



**Cylinders
Holding**

Skladování a distribuce vodíku

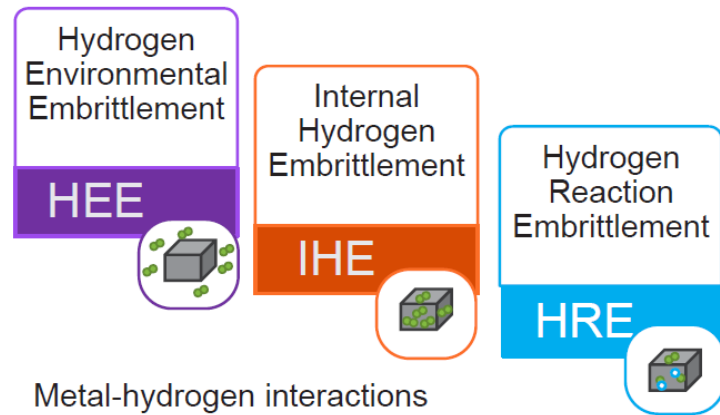


Nepodléhá stárnutí a teplotním vlivům



Source: IEA Energy Technology Roadmap Hydrogen and Fuel Cells

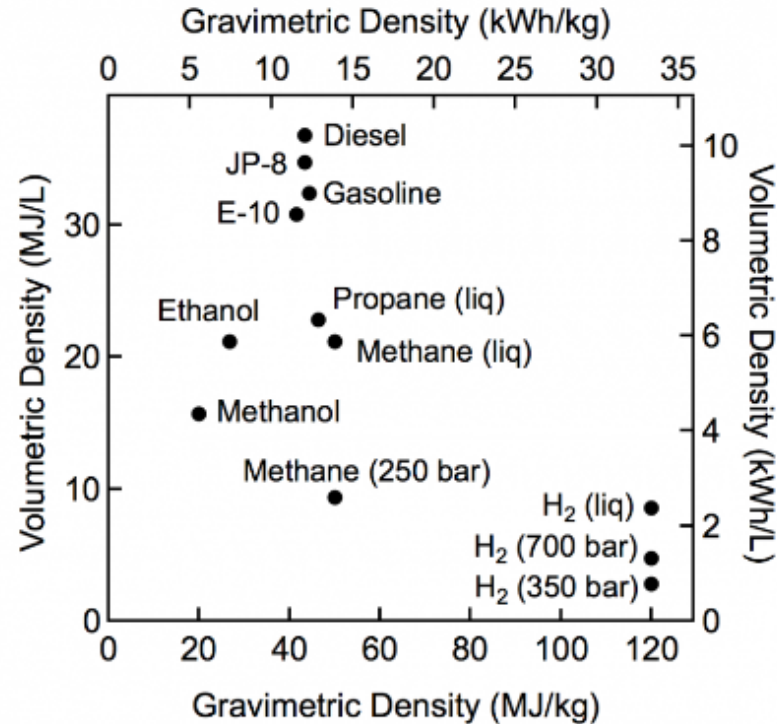




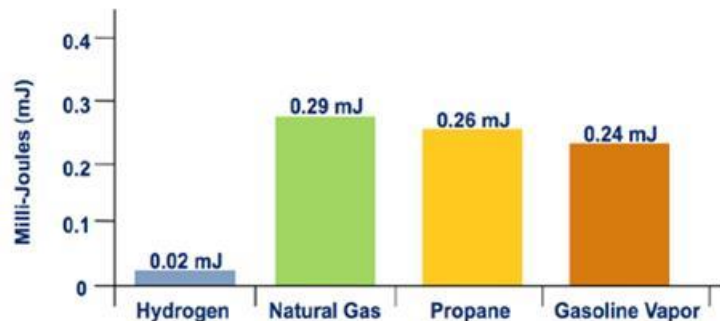
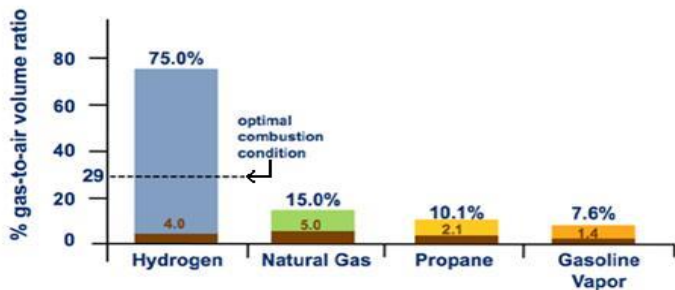
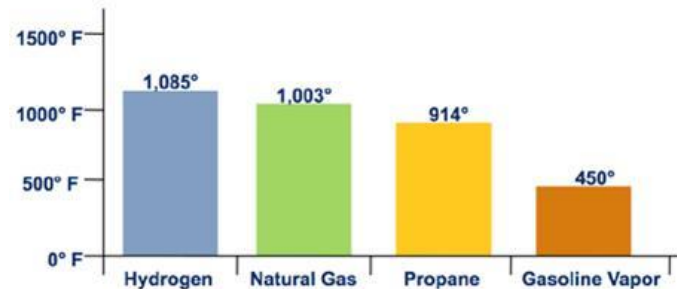
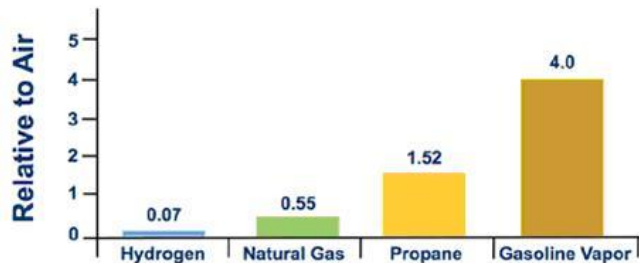
Metal-hydrogen interactions



Energetická hustota paliva



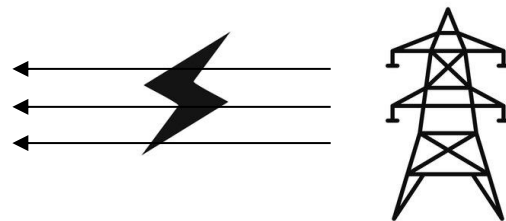
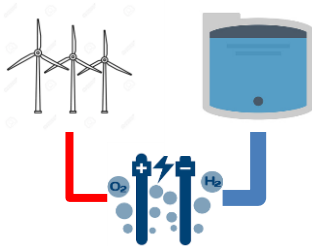
Bezpečnost



Acetylen – teplota samovznícení 305°C, mez výbušnosti: 2,3 – 81 obj % , energie zapálení 0,02 mJ

1MWh el. energie

90 €/MWh
bez distribuce



služby výkonové rovnováhy
CZK/den?

H_2

~ 18 kg

5 €/kg

jen v ceně silové elektřiny



O_2

až 156 kg

CZK/kg?



~ 0,4 MWh

CZK/kWh?

Děkuji za pozornost

