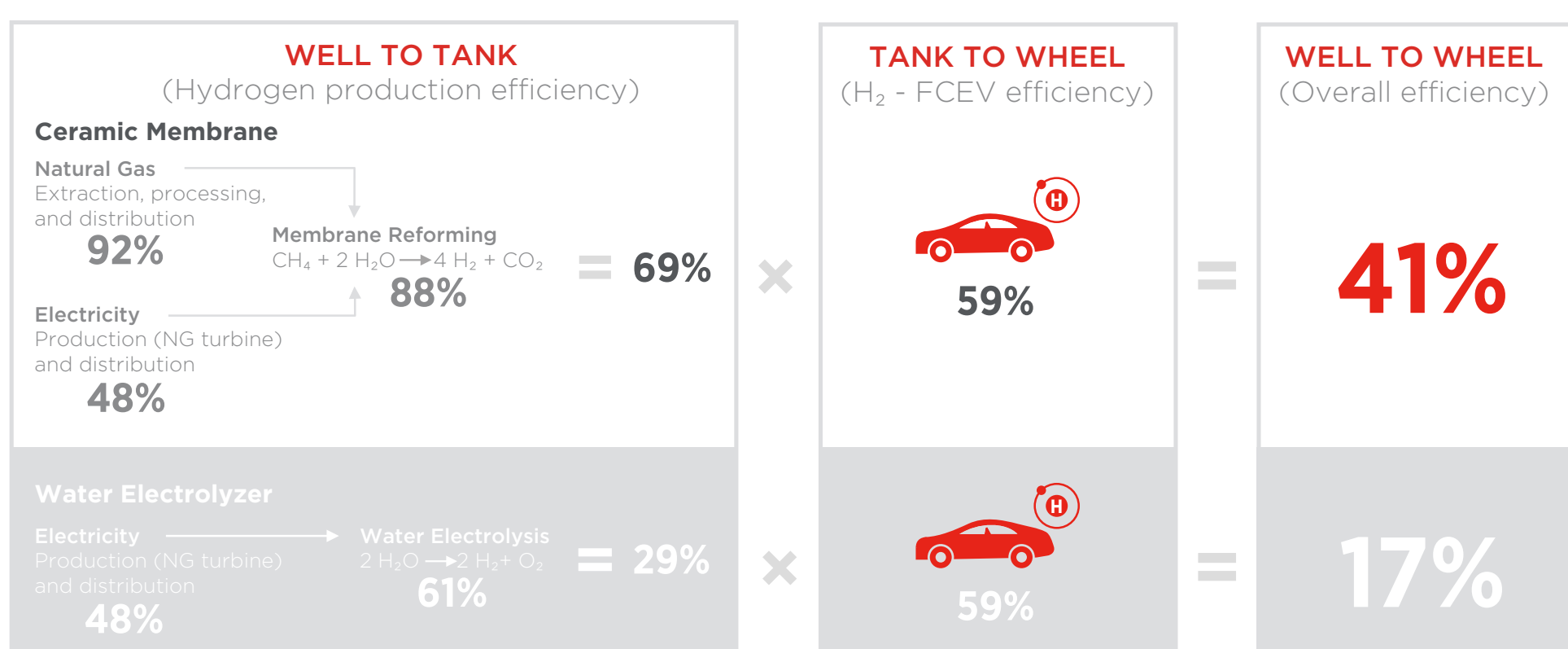
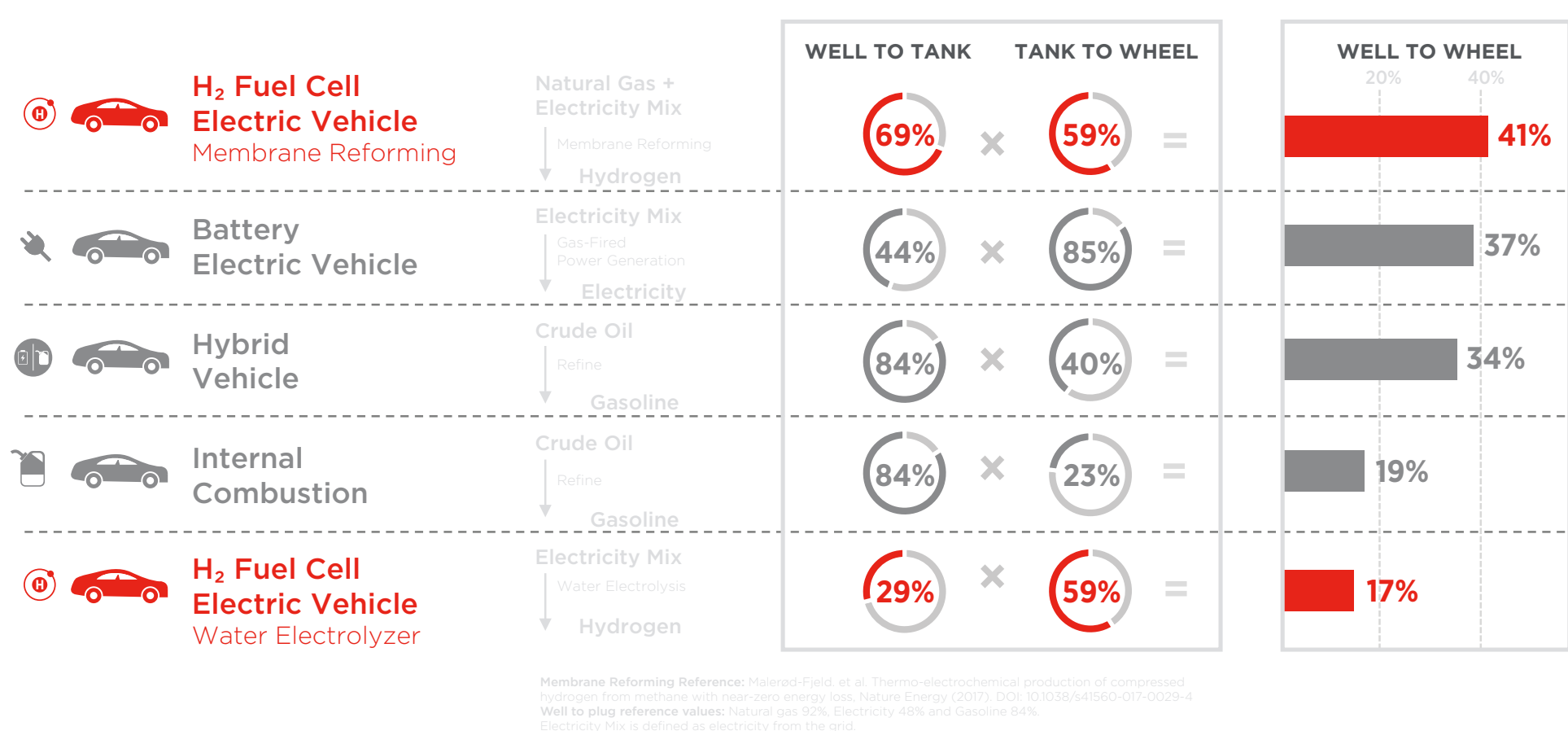


HYDROGEN CHEAPER THAN ELECTRICITY

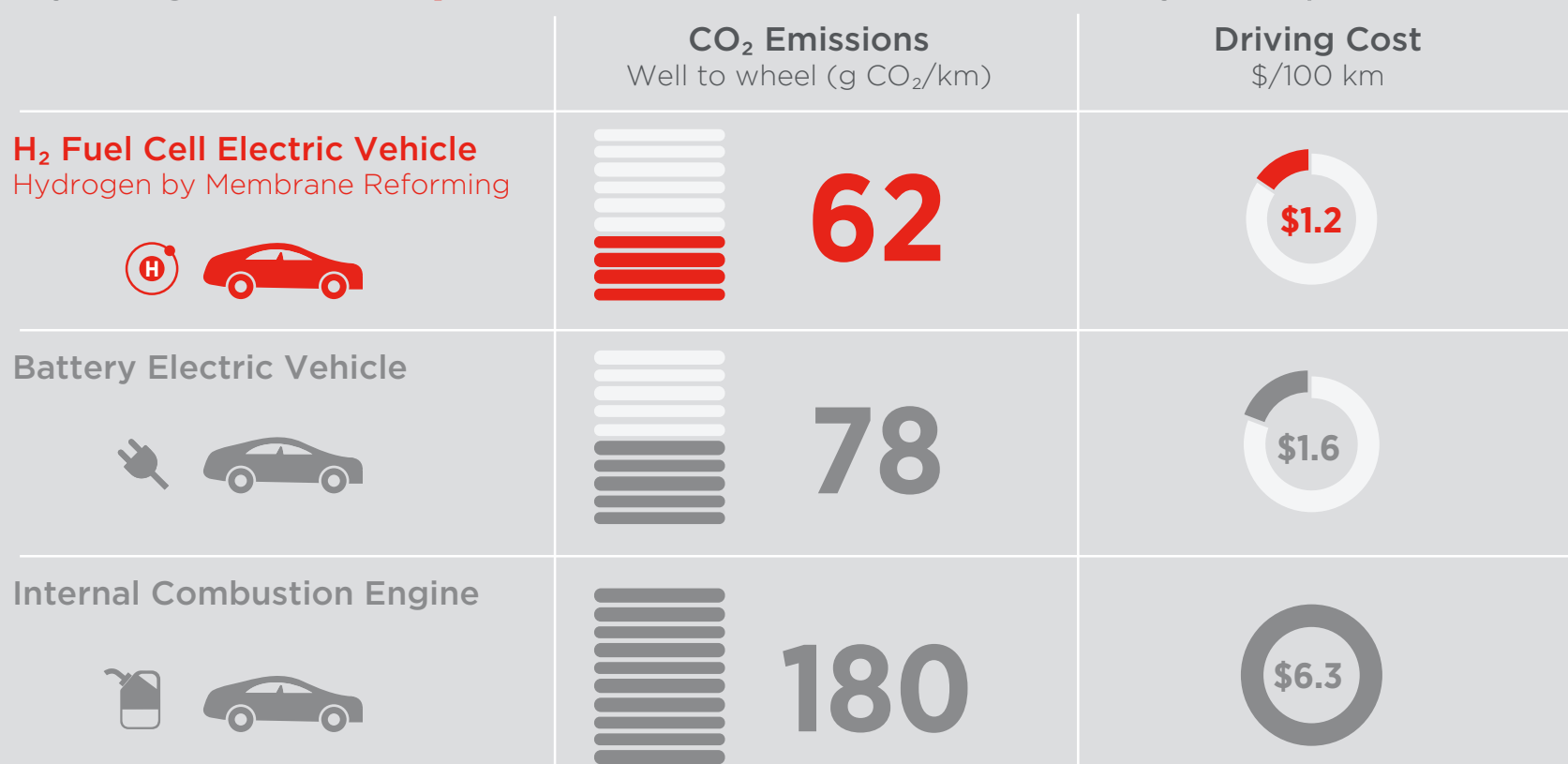
Natural gas as primary energy to make hydrogen is a very different calculation compared to hydrogen by water electrolysis



Natural gas and **membranes** make fuel cells a **net energy winner**



Hydrogen is **cheaper** and **cleaner** than electricity and petroleum



PRICES Natural Gas = \$0.25/Nm³ • Electricity = \$0.1047/kWh • Gasoline = \$1 (\$3.85/gal)



Compact Design
Enable H₂ at Home

61%
of US single-family homes use Natural Gas heating

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A and EIA-457C of the 2015 Residential Energy Consumption Survey. Data: 49.5 million US single family homes (out of 80.9 million) use Natural gas as a heat source