Impact of carbon pricing on the economics of hydrogen production pathways, 2030

[€/MWh (LHV)] 2030 average price renewable H₂ (=3.7 $\frac{\epsilon}{k_q}$ H₂) [€/t CO₂] Fossil-based H₂ Natural gas Fossil-based H₂ with carbon capture Renewable H₂

Agora Energiewende & Guidehouse (2021)

Note: For natural gas, a price of \notin 20/MWh is assumed. The capture rate for fossil-based H₂ with carbon capture is assumed to be around 75%.

Figure 2