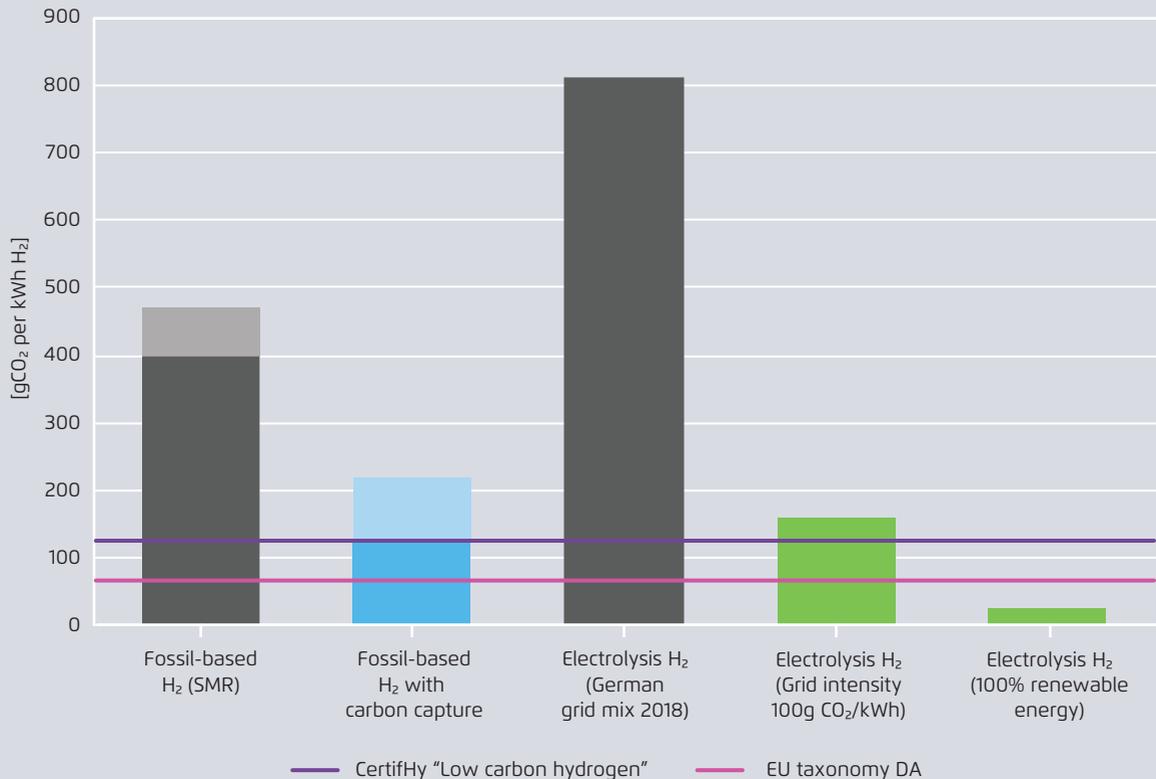


Lifecycle emission intensity by H₂ production route in gCO₂ per kWh H₂ (LHV)

Figure 5



Climate Action Network (2021), EC (2020), ÖkolInstitut (2019), Greenpeace Energy (2020), CertiHy (2019)

Lower heating value. Assuming a capture rate for fossil-based H₂ with carbon capture between 65% (for existing SMR) and 90% (for new ATR)