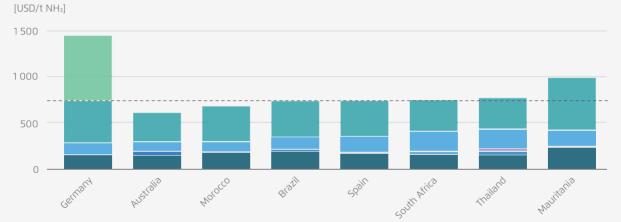
Comparison: German green ammonia production cost vs landed import cost → Fig. 6 from selected countries (2040)



● Derivative production ● Transport (ship) ● Electrolysis ● Electricity generation ● PPA¹ and TSO² cost

Derivative production Transport (ship) Electrolysis Electricity generation PPA¹ and TSO² cost

Oeko-Institut, Agora Industry and Agora Energiewende (2024): PtX Business Opportunity Analyser 2.11 (medium cost scenario, adjusted settings, all results are indicated in USD2023, RE source: wind & PV hybrid).¹PPA = power purchase agreement; ²TSO = transmission system operator. Note: PPA and TSO costs incorporate transmission and distribution costs and a profit margin with 15% of internal rate of return (IRR). Derivative production refers to the synthesis of ammonia from hydrogen and nitrogen via the Haber-Bosch process.