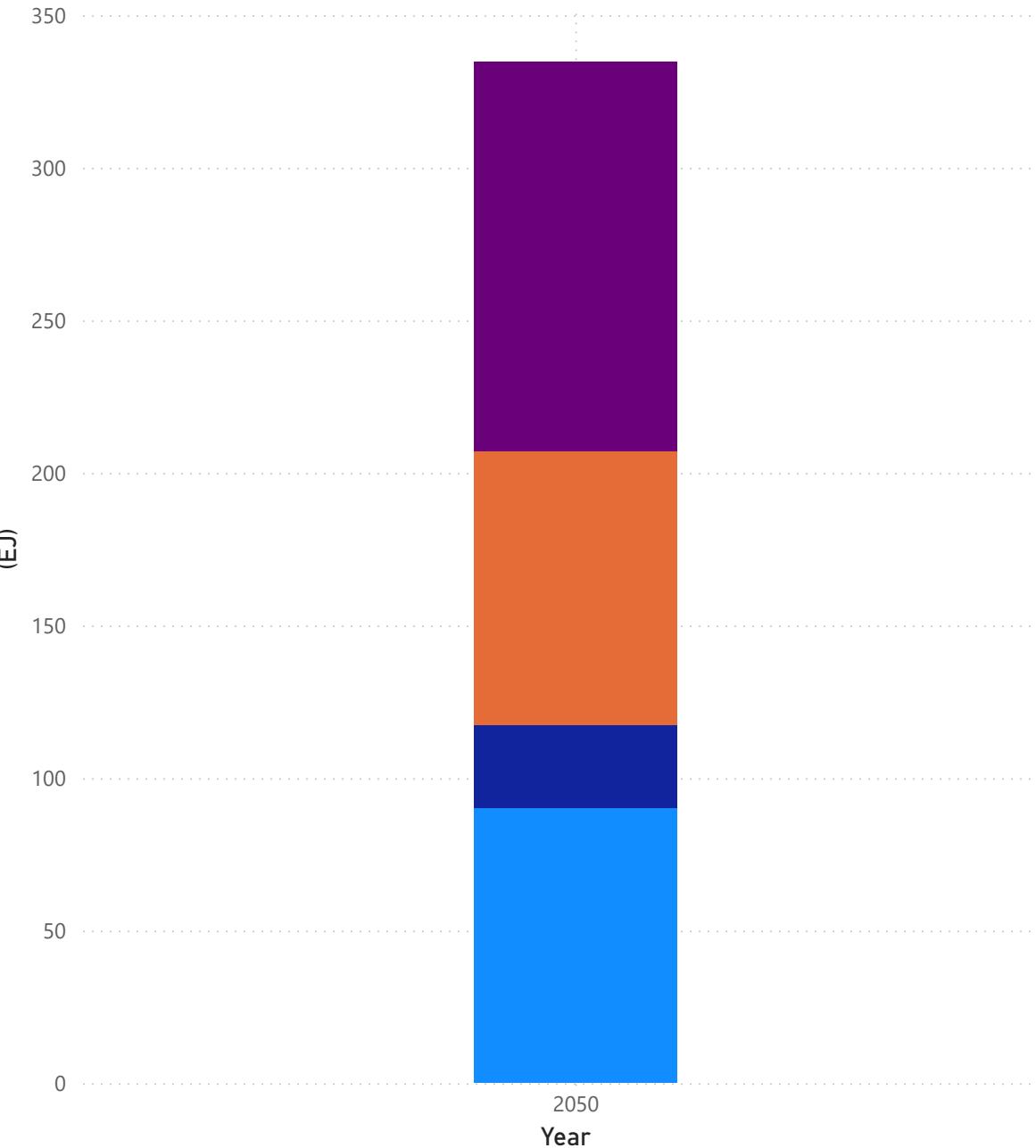
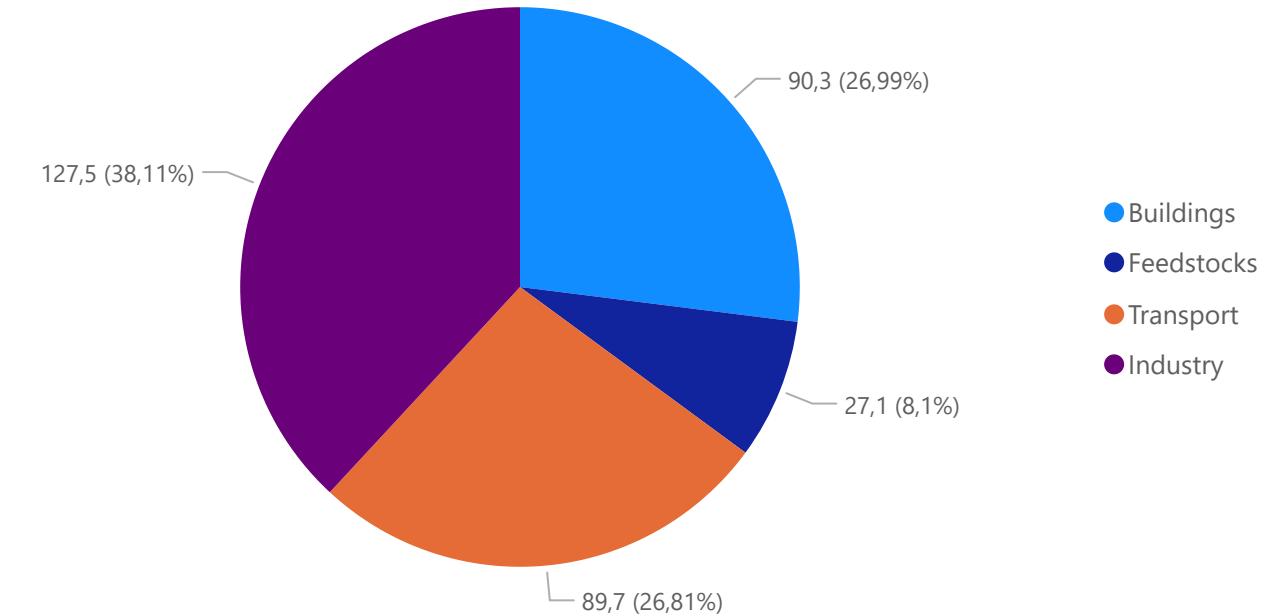


Energy demand by sector

Buildings Feedstocks Transport Industry



Energy demand by sector



337,60

Total energy demand (EJ)

89,70

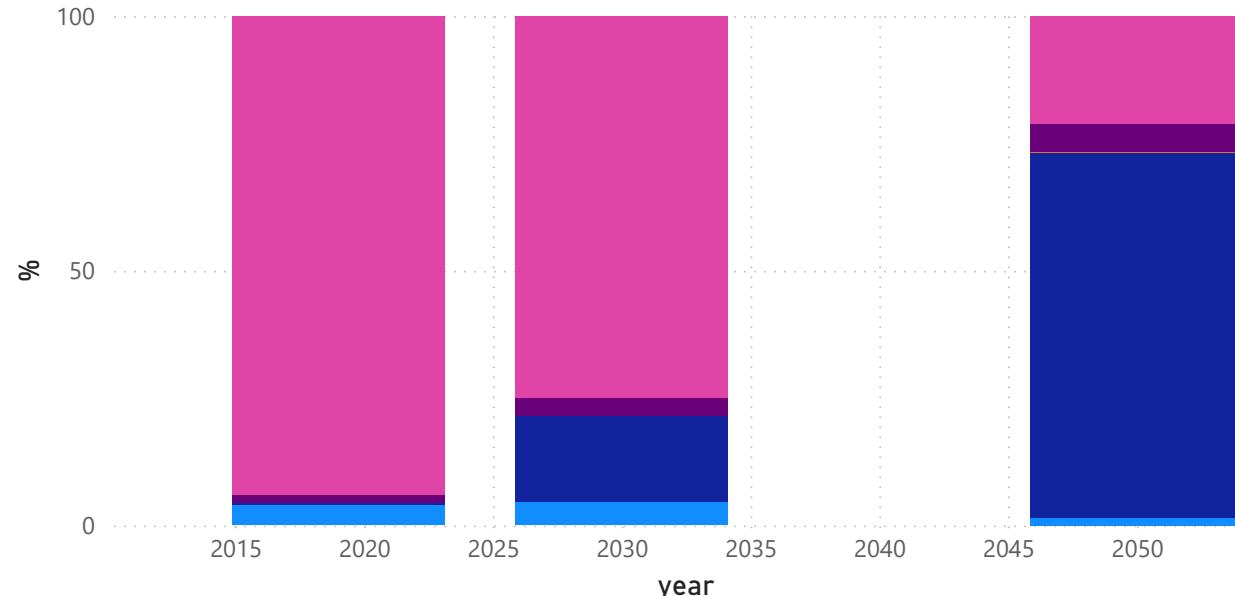
Transport (EJ)

Year

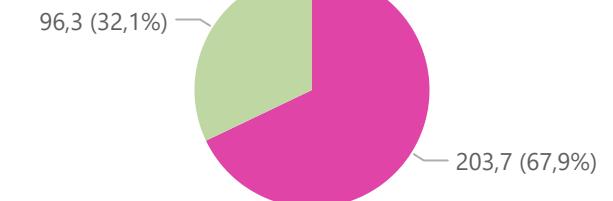
(Blank)	2019
2000	2030
2010	2050

Light vehicle energy share

● Biofuels ● Electricity ● Hydrogen ● Natural gas ● Oil products



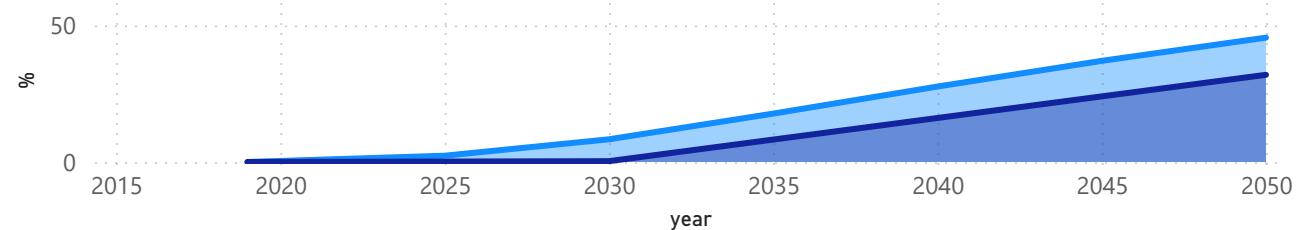
Aviation energy share



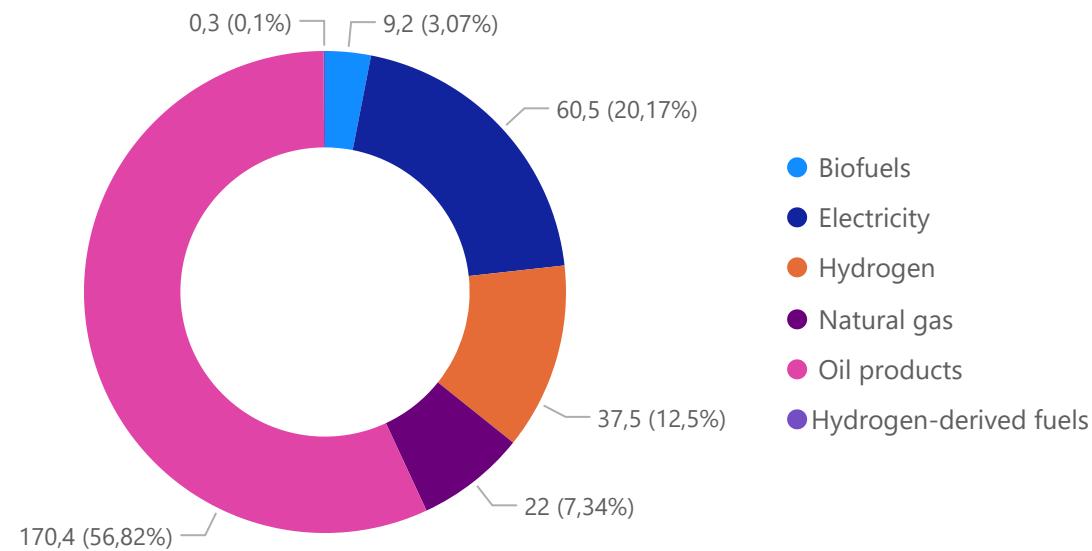
● Fossil jet fuel
● Sustainable jet fuel

Penetration of sustainable jet fuel

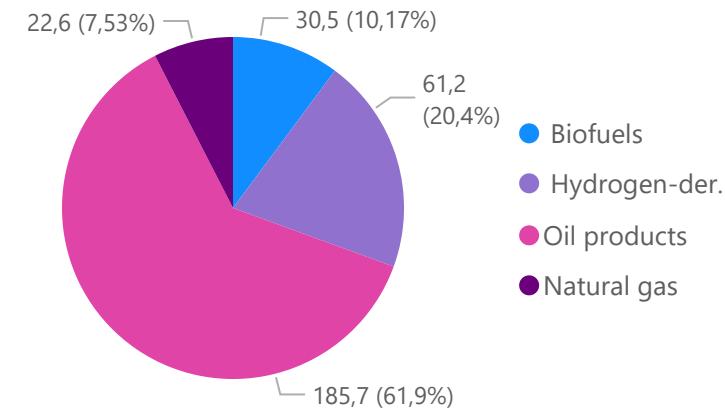
● bio-derived ● Hydrogen derived



Medium-Heavy vehicle energy share

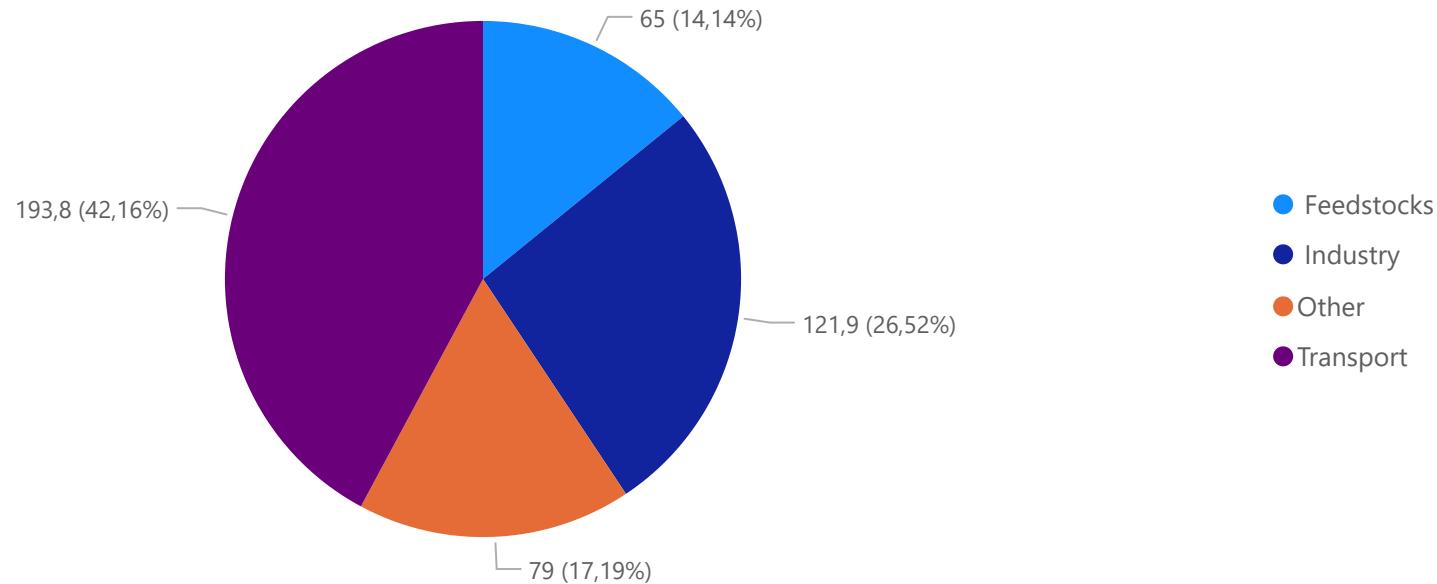


Marine energy share



Year ▾
 (Blank)
 2019
 2030
 2050

Hydrogen demand by Sector



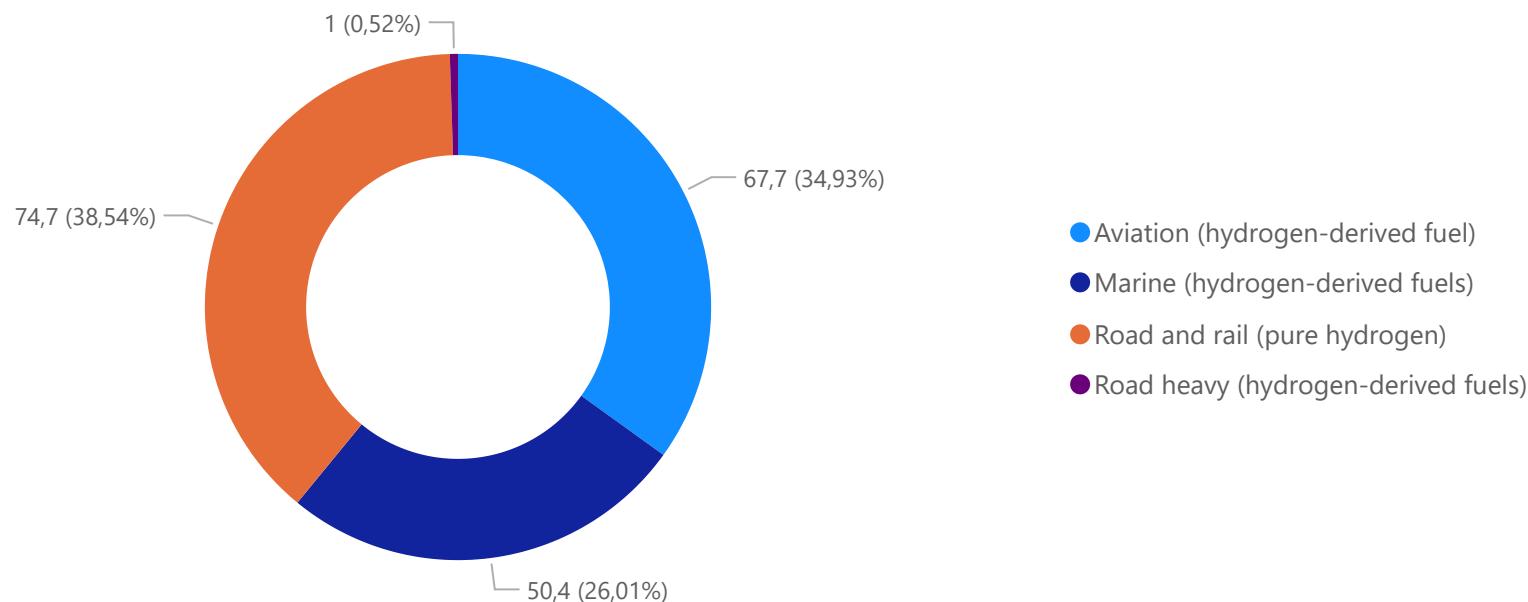
Year
2030
2050

- Feedstocks
- Industry
- Other
- Transport

193,8

Transport Demand in Mt

Hydrogen demand in transport



- Aviation (hydrogen-derived fuel)
- Marine (hydrogen-derived fuels)
- Road and rail (pure hydrogen)
- Road heavy (hydrogen-derived fuels)

74,70

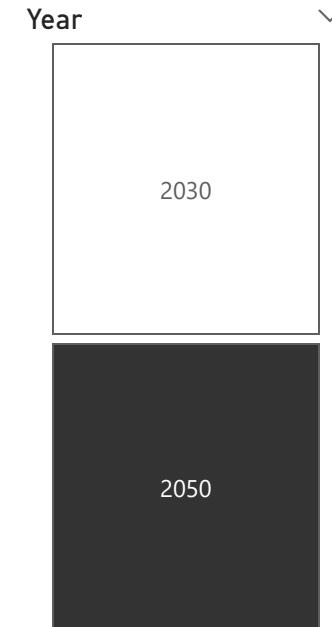
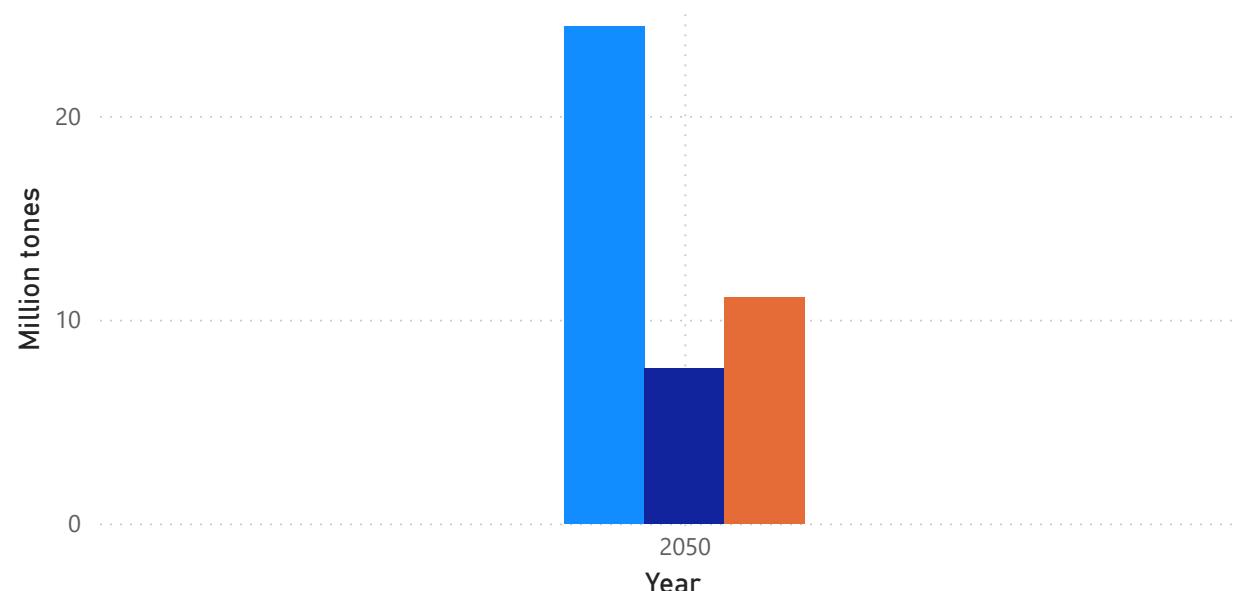
Road and rail in Mt (pure hydrogen)

67,70

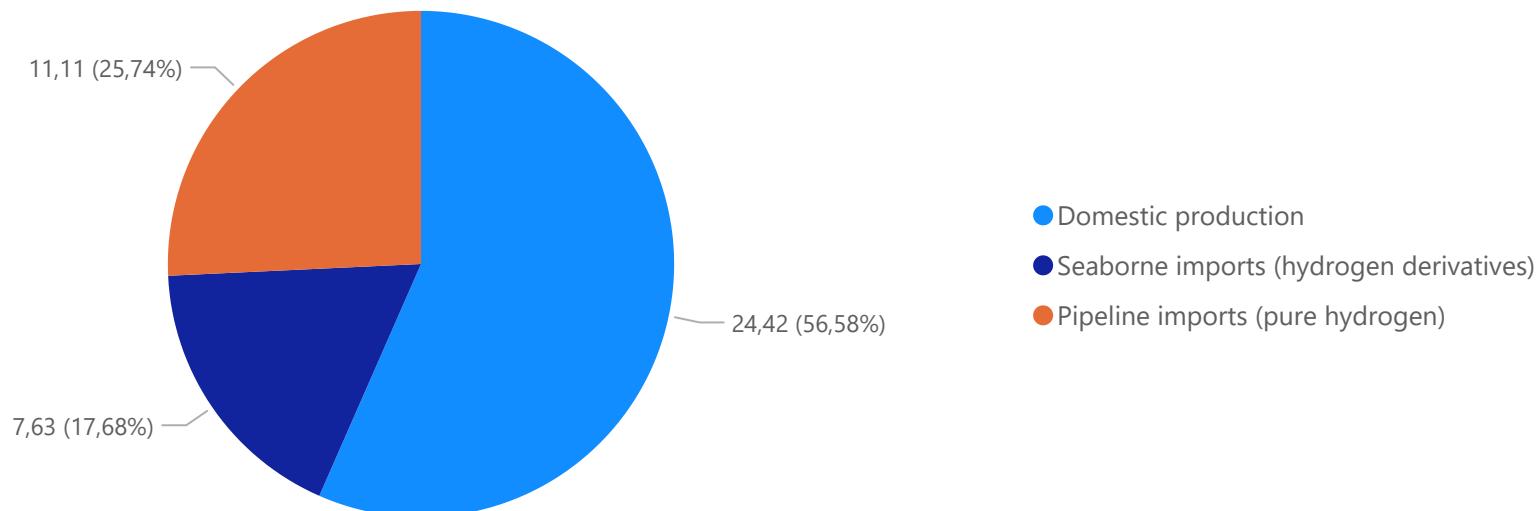
Aviation in Mt (hydrogen-derived fu...

Sources of EU Hydrogen

- Domestic production
- Seaborne imports (hydrogen derivatives)
- Pipeline imports (pure hydrogen)



Sources of EU Hydrogen



24,42

Domestic production (Mt)