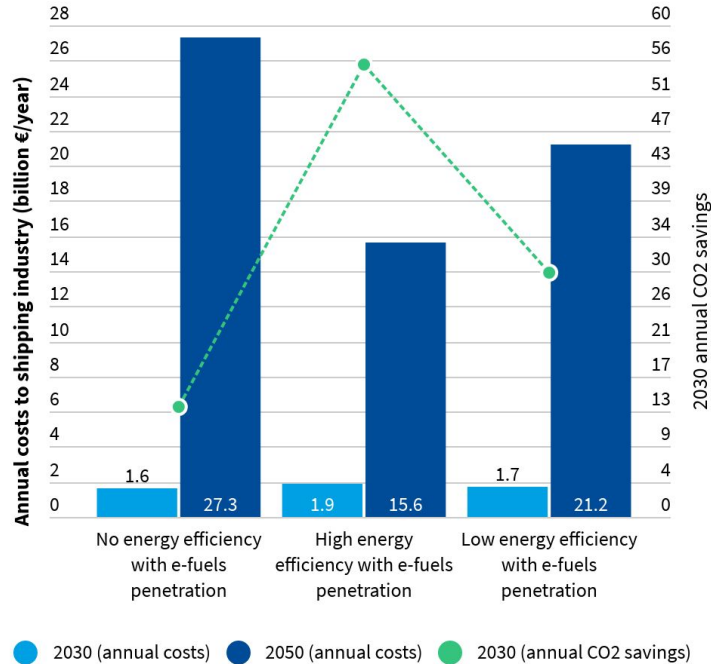
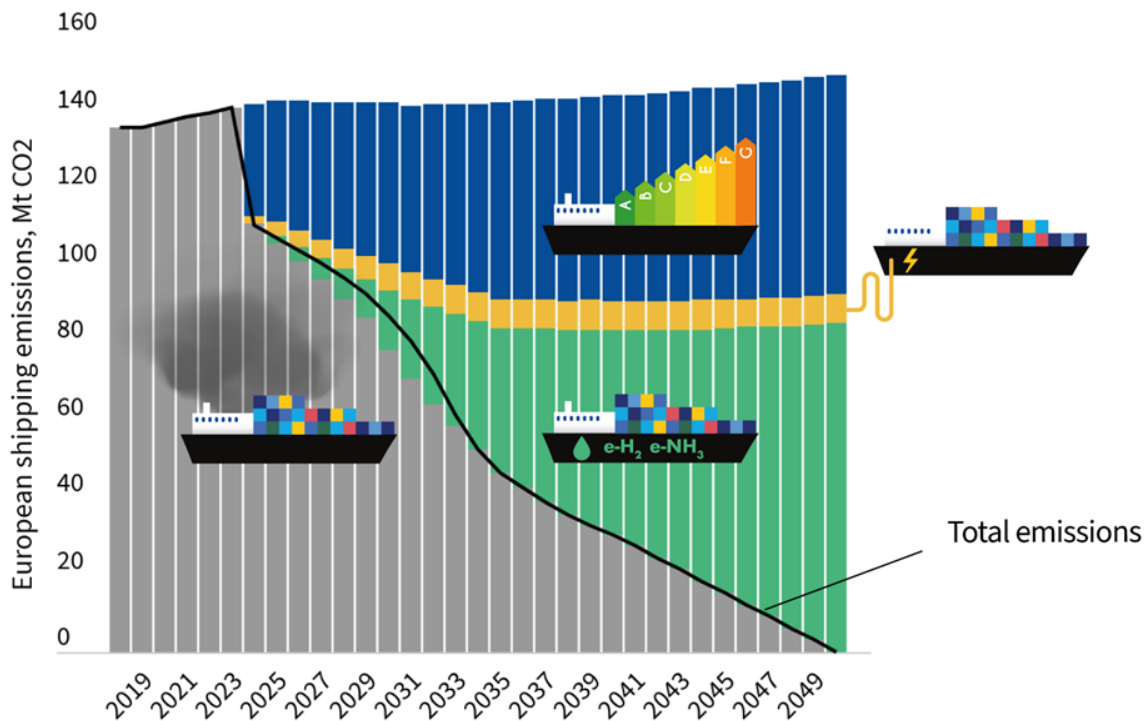


Cost-effectiveness of EU ship CO2 abatement under different decarbonisation scenarios



Combined energy efficiency and e-fuels would save the industry **up to 12bn€** to fully decarbonise by 2050

Note: T&E analysis based on MAC curves of the 4th GHG IMO study; green e-ammonia production costs of €606/tonne in 2030 and €519/tonne in 2050 (Ricardo EAE, 2020). Energy efficiency includes, inter alia, wind-assist and slow-steaming. Analysis excludes ship machinery and infrastructure costs.



- Emissions from fossil fuel only ships
- E-ammonia and e-hydrogen ready ships
- Port electrification
- Energy efficiency measures