



Artelys, TEP Energy, Wuppertal Institute modelling (2023). Commission staff working document accompanying the REPowerEU plan (2022). *Derivatives include ammonia and synthetic fuels. Ammonia has a lower calorific value than H₂. The REPowerEU plan seems to have used the same conversion rate for ammonia as for H₂ for its calculations in Mt. Assuming all of the 20 Mt hydrogen and derivatives in the REPowerEU plan are renewable.