Figure 1. Final energy demand (Y) by flows in the 2022-2050 period.

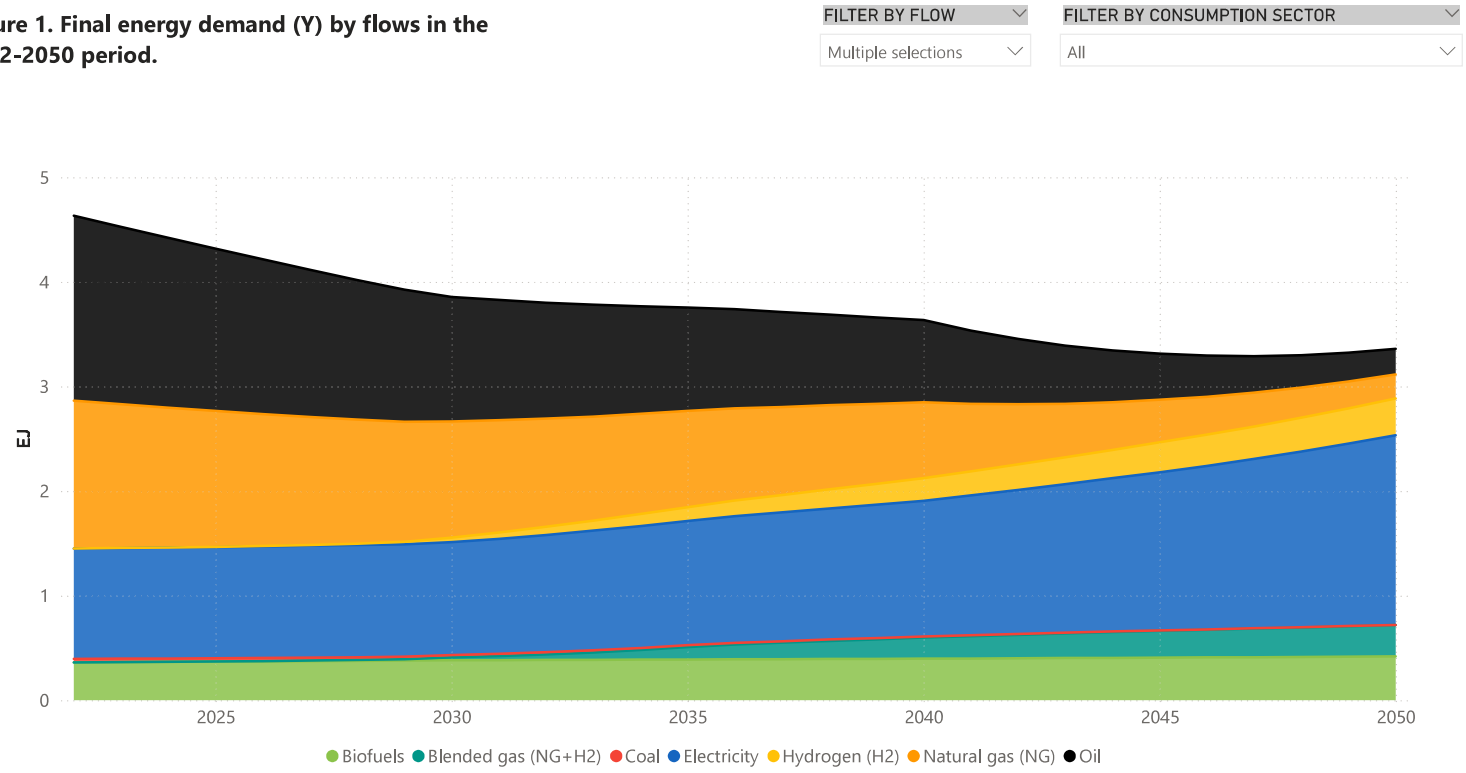

Figure 3. Annual investments between 2023 and 2030 (a) and hourly power dispatch in 2030 (b) and 2050 (c) in STEPS_res and STEPS_inv scenarios.

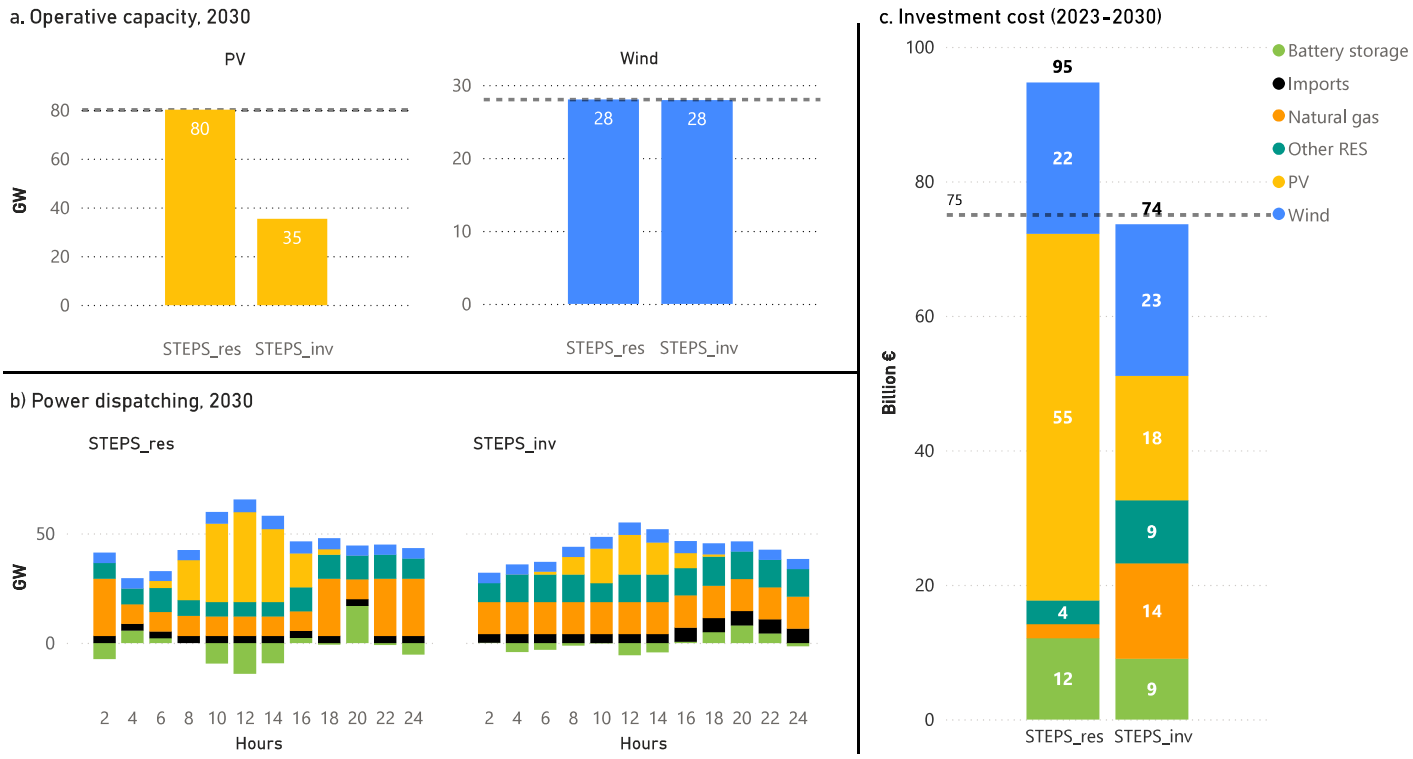

Figure 4. Power operative capacity (a) and electricity supply (b) by technology and scenario. c) Impact of carbon tax on electricity mix

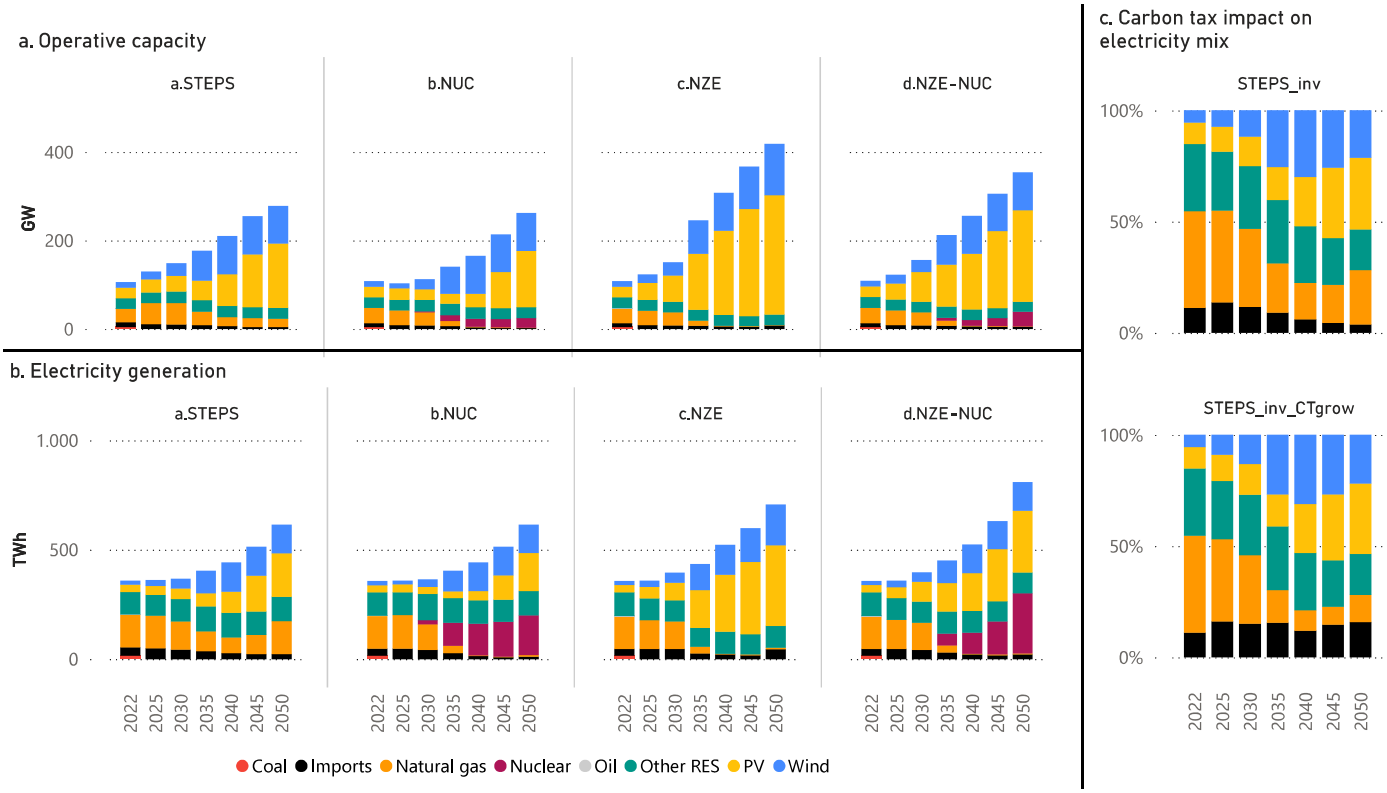

Figure 5. Battery storage installations by scenario (a) and hydrogen production by technology and scenario (b)

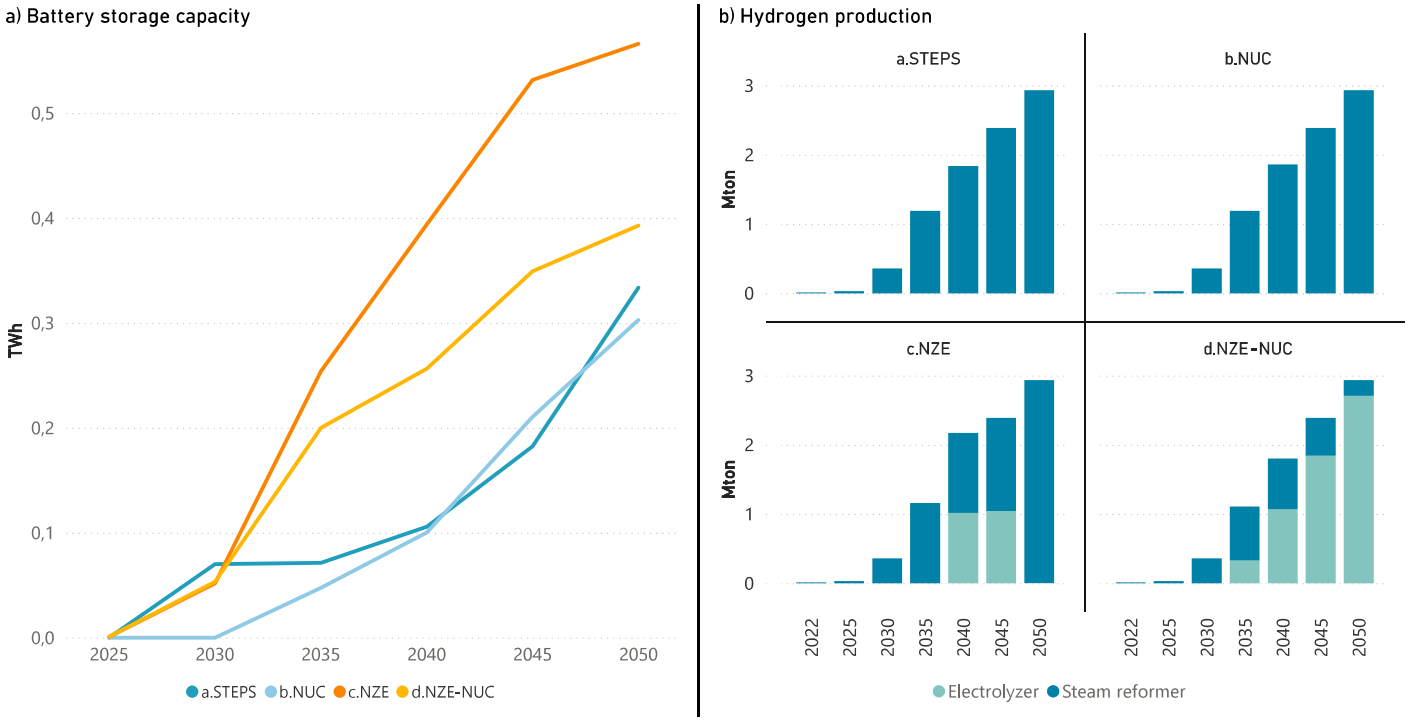

Figure 6. Nuclear operative capacity over 2030-2050 in the NUC scenario. Sensitivity on time of construction from 7 to 17 years. Areas are not stacked.

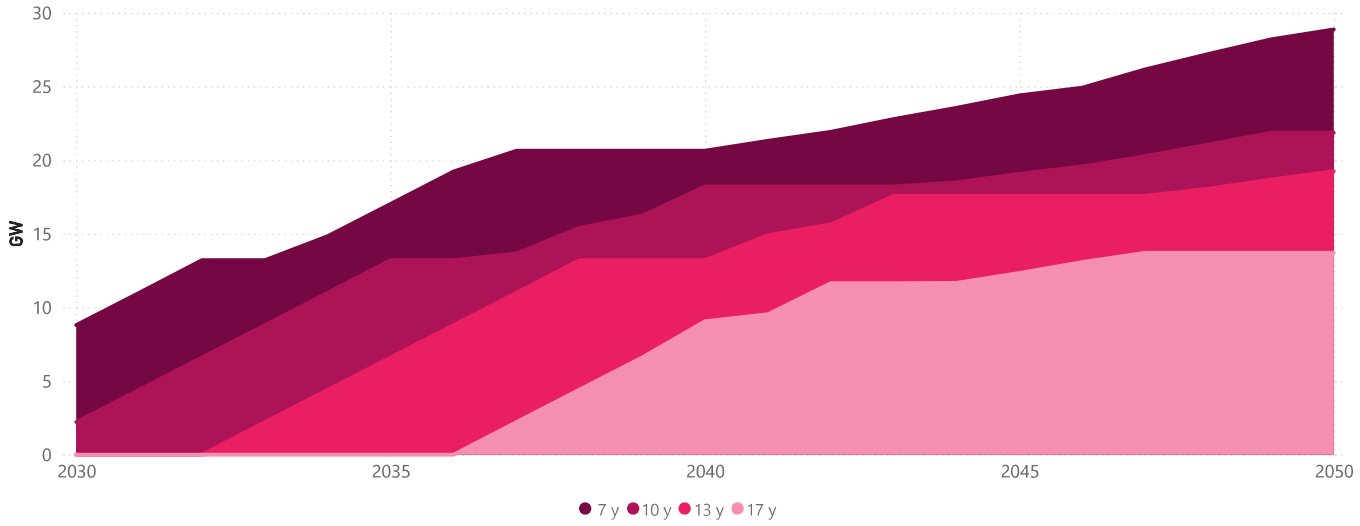

Figure 7. CO2 emissions by sector and scenario

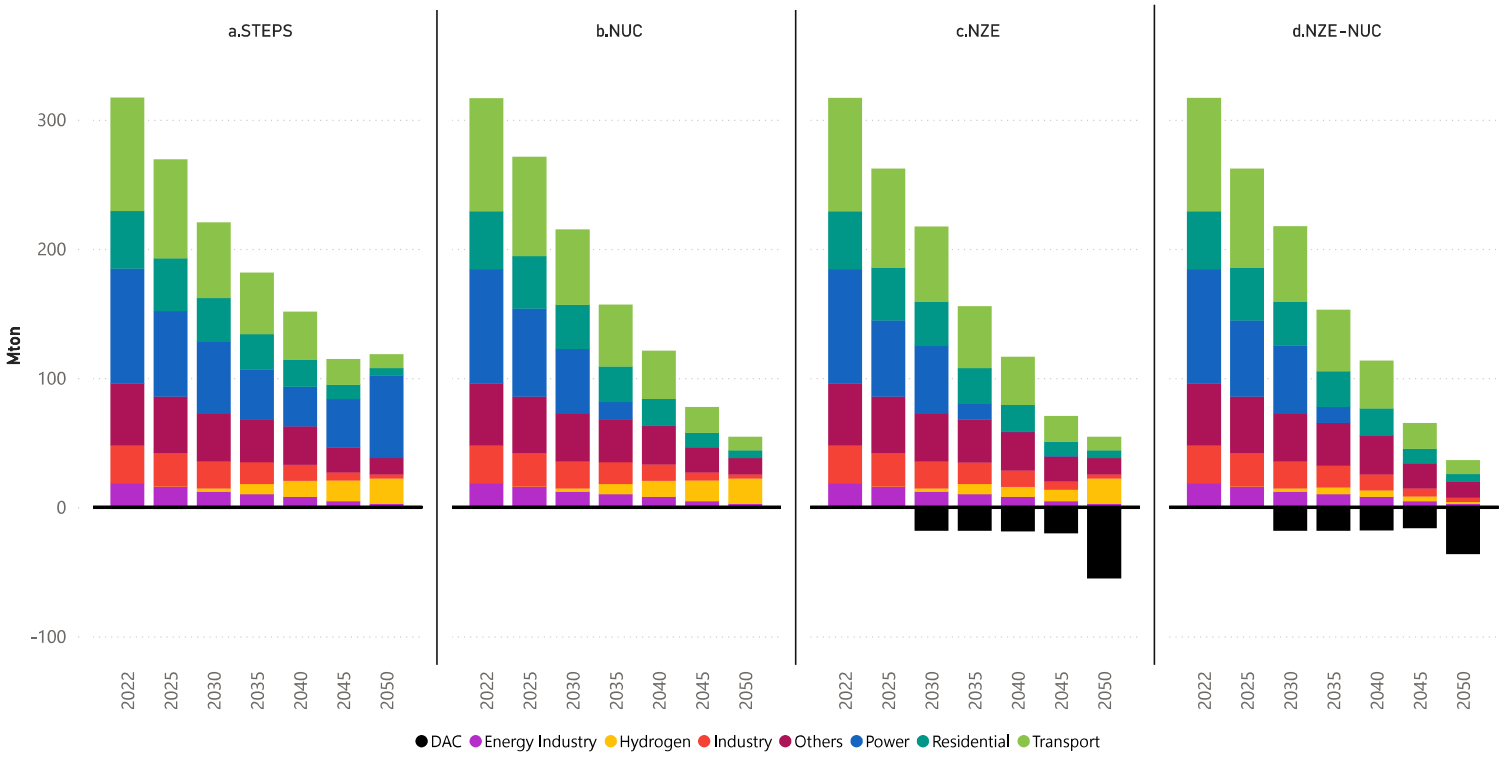

Figure 8. Total discounted investment costs (a), net present cost (b) and total annual undiscounted costs (c) by scenario.

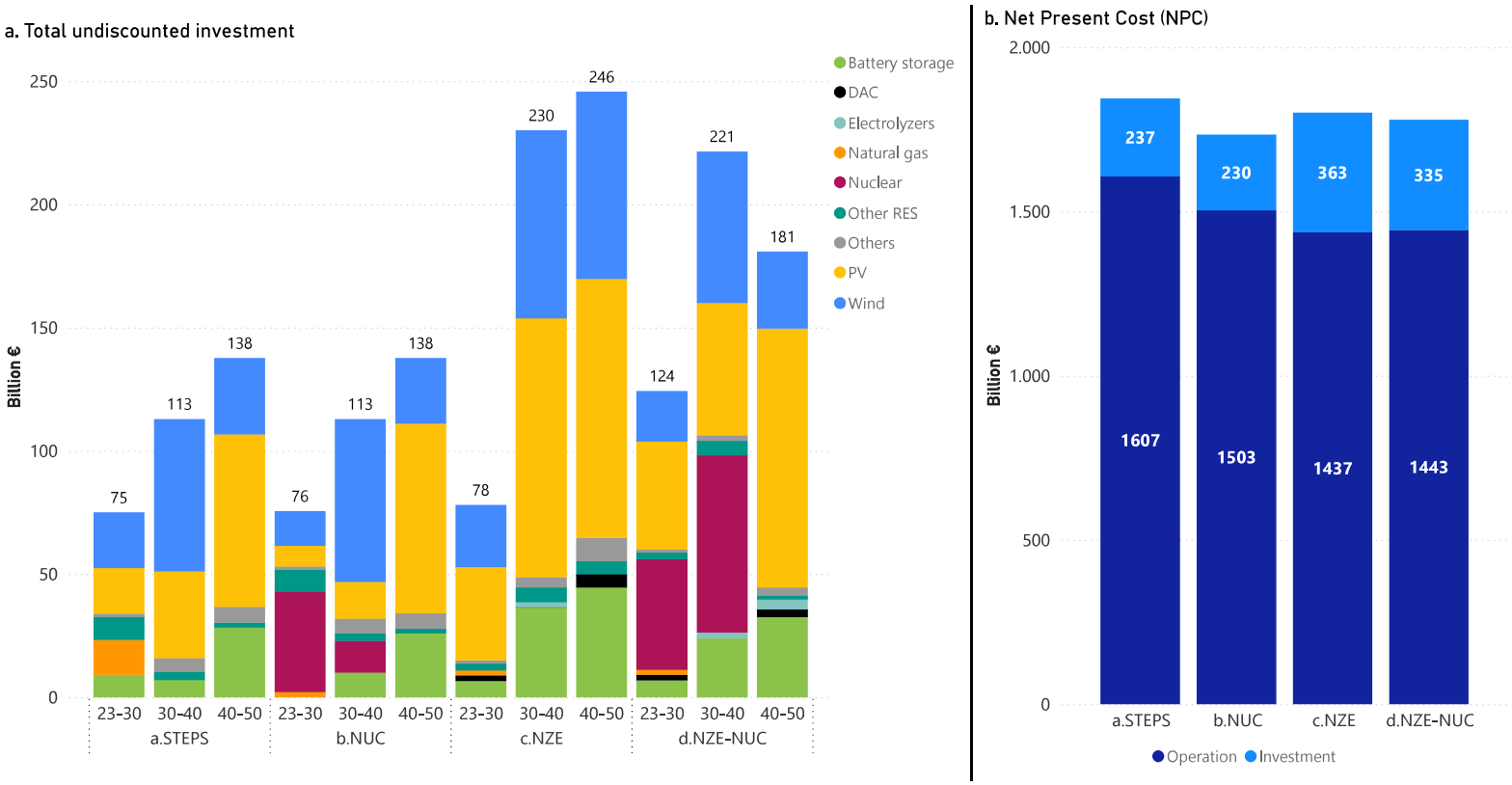

Figure 8. Total discounted investment costs (a), net present cost (b) and total annual undiscounted costs (c) by scenario.