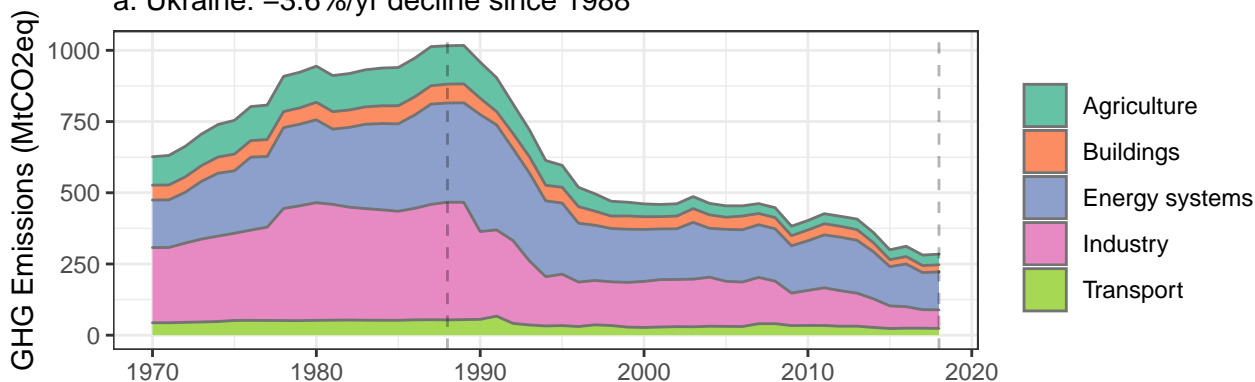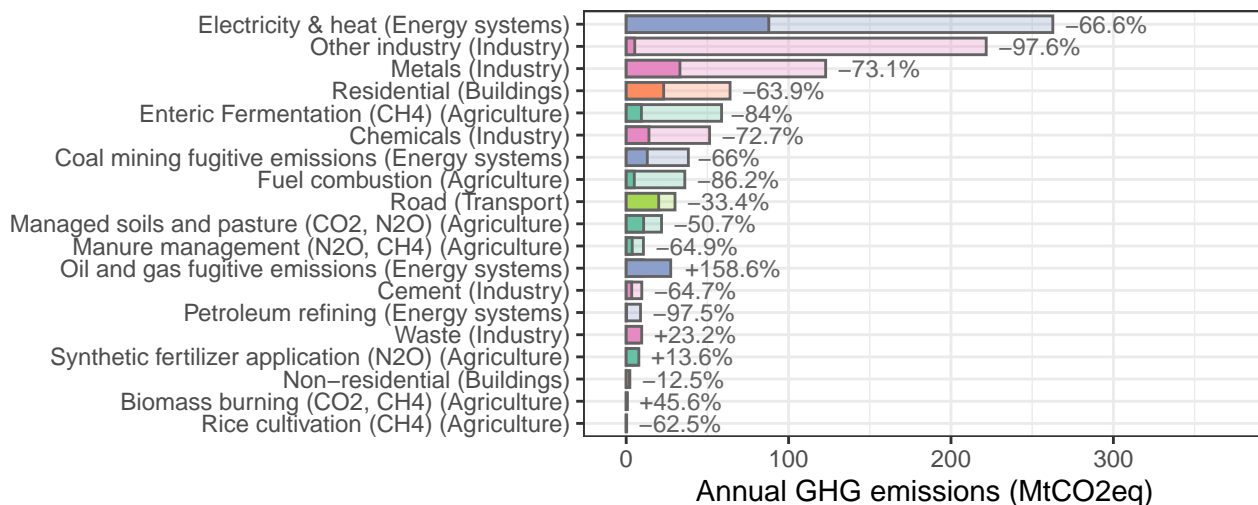a. Ukraine: −3.6%/yr decline since 1988

b. GHG emissions by subsector: peak level vs 2018

Subsector	Percentage change
Electricity & heat (Energy systems)	−66.6%
Other industry (Industry)	−97.6%
Metals (Industry)	−73.1%
Residential (Buildings)	−63.9%
Enteric Fermentation (CH4) (Agriculture)	−84%
Chemicals (Industry)	−72.7%
Coal mining fugitive emissions (Energy systems)	−66%
Fuel combustion (Agriculture)	−86.2%
Road (Transport)	−33.4%
Managed soils and pasture (CO2, N2O) (Agriculture)	−50.7%
Manure management (N2O, CH4) (Agriculture)	−64.9%
Oil and gas fugitive emissions (Energy systems)	+158.6%
Cement (Industry)	−64.7%
Petroleum refining (Energy systems)	−97.5%
Waste (Industry)	+23.2%
Synthetic fertilizer application (N2O) (Agriculture)	+13.6%
Non−residential (Buildings)	−12.5%
Biomass burning (CO2, CH4) (Agriculture)	+45.6%
Rice cultivation (CH4) (Agriculture)	−62.5%

c. Trends in kaya factors