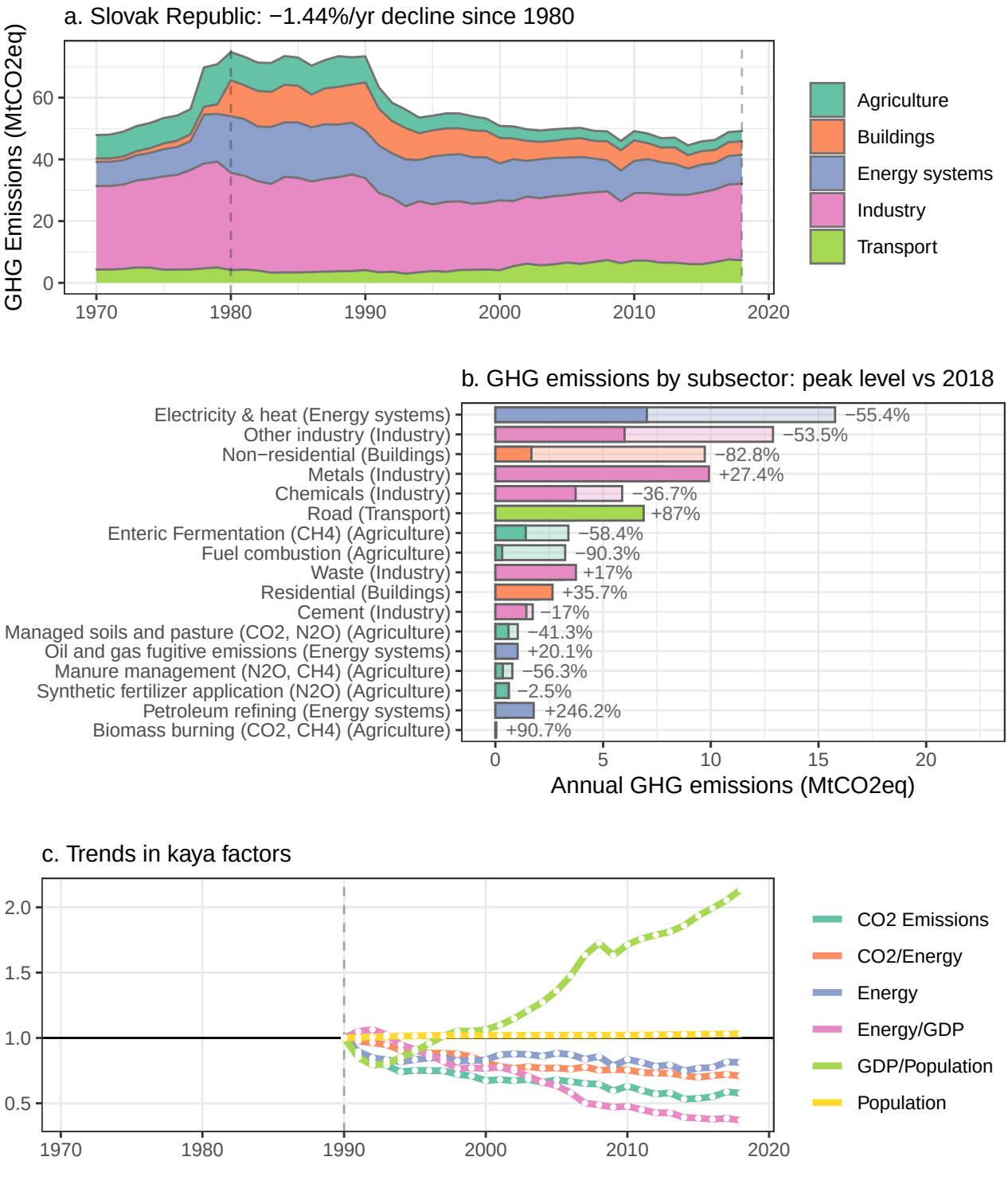
a. Slovak Republic: −1.44%/yr decline since 1980
GHG Emissions (MtCO2eq)
0
20
40
60
1970
1980
1990
2000
2010
2020
Agriculture
Buildings
Energy systems
Industry
Transport
b. GHG emissions by subsector: peak level vs 2018
Electricity & heat (Energy systems)
Other industry (Industry)
Non−residential (Buildings)
Metals (Industry)
Chemicals (Industry)
Road (Transport)
Enteric Fermentation (CH4) (Agriculture)
Fuel combustion (Agriculture)
Waste (Industry)
Residential (Buildings)
Cement (Industry)
Managed soils and pasture (CO2, N2O) (Agriculture)
Oil and gas fugitive emissions (Energy systems)
Manure management (N2O, CH4) (Agriculture)
Synthetic fertilizer application (N2O) (Agriculture)
Petroleum refining (Energy systems)
Biomass burning (CO2, CH4) (Agriculture)
−55.4%
−53.5%
−82.8%
+27.4%
−36.7%
+87%
−58.4%
−90.3%
+17%
+35.7%
−17%
−41.3%
+20.1%
−56.3%
−2.5%
+246.2%
+90.7%
0
5
10
15
20
Annual GHG emissions (MtCO2eq)
c. Trends in kaya factors
0.5
1.0
1.5
2.0
1970
1980
1990
2000
2010
2020
CO2 Emissions
CO2/Energy
Energy
Energy/GDP
GDP/Population
Population