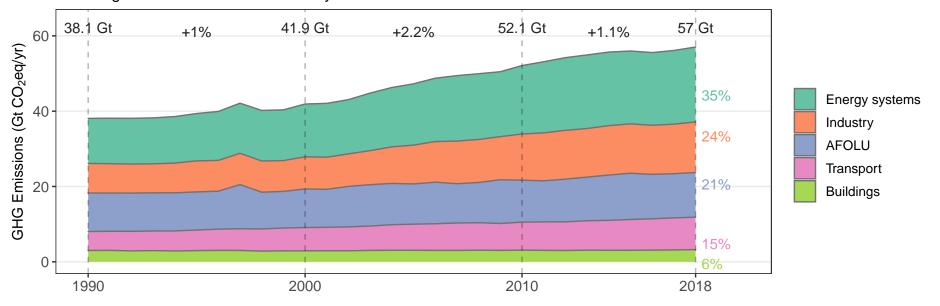
a. Total global GHG emission trends by sectors



15

World average

10

b. Emissions by region in 2018 (all GHGs. incl. LULUCF CO2. excl. Indirect CO2

% of tot. sector

GHG emissions

26%

30

40

4%

9%

6%

5%

8%

8%

10

0

9%

10%

12%

20

A. Pacific -

Africa -

E. Asia -

Eurasia -

Europe -

Latin Am. -

Middle E.-

N. America -

S. Asia -

S.E. Asia -

Per capita GHG emissions Carbon Energy Energy CO₂ GDP/pop Population (tCO2eq/capita) intensity intensity cons. -0.4%+1.2% +0.1% +1.1% -2.8%-1.5%-0.7%+2.5% +2.7% +2.5% -0.1%+0.6% +2.3% -3.7%+2.7% +6.3% +0.3% -0.4%+0.4% -0.8%-1%+1.2% +1.5% +0.6% -0.5%-1.4%-2.7%-0.8%+1.6% +0.3% +0.3% +0% -0.9%+0.8% +0.3% +0.4% +1.8% -0.7%+0.1% +2.5% +1.4% +1% -0.9%-1.1% -1.9%+0.3% +1.4% +0.7% +5% +1.5% -2.8%+3.5% +5.2% +1.2% +4% +1% -2% +2.9% +3.9% +1.2%

20 Declining (< -1%/yr) Growing (> +1%/yr) Stable (~0%/yr)

c. Avg. annual change in kaya factors 2010-2018

(CO2 only, excl. LULUCF CO2, excl. indirect CO2)