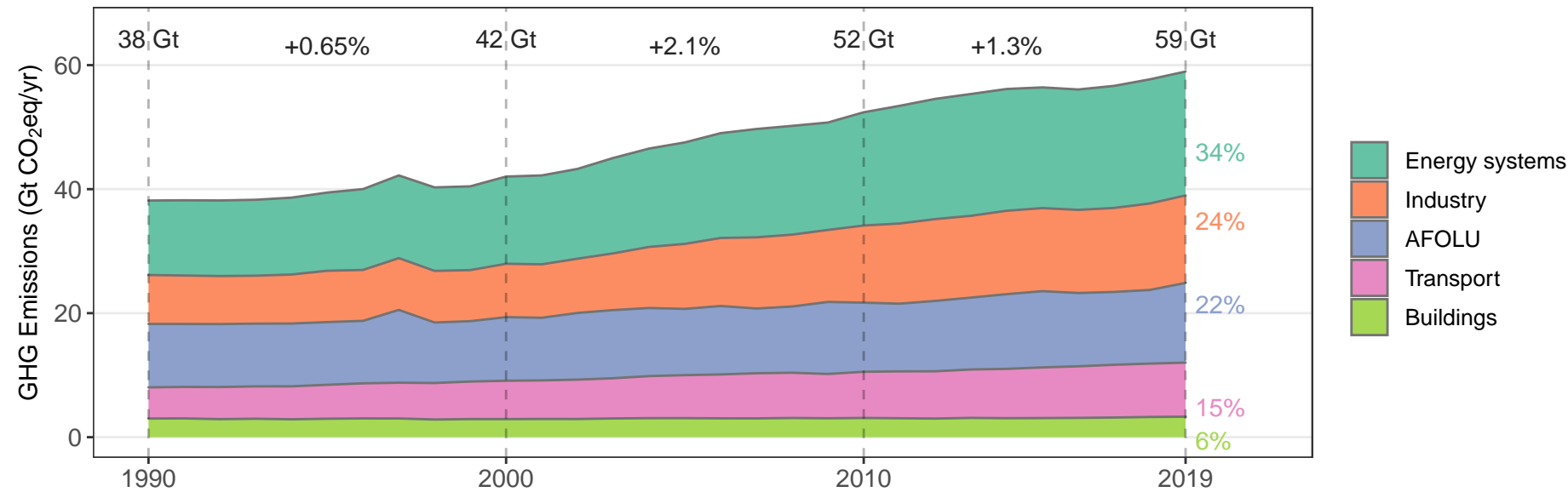
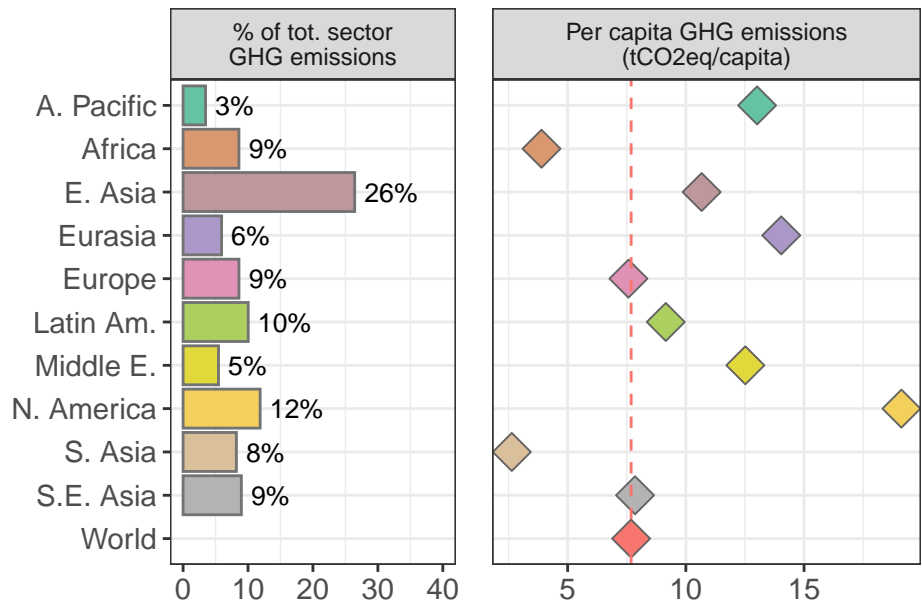


a. Total global GHG emission trends by sectors



b. Emissions by region in 2019  
(all GHGs, incl. LULUCF CO<sub>2</sub>, excl. Indirect CO<sub>2</sub>)



-- World average

c. Avg. annual change in kaya factors 2010–2019  
(CO<sub>2</sub> only, excl. LULUCF CO<sub>2</sub>, excl. indirect CO<sub>2</sub>)

CO <sub>2</sub>	Carbon intensity	Energy intensity	Energy cons.	GDP/ pop	Population
+1.1%	-0.3%	-2%	+1.4%	+2.3%	+1.2%
-0.6%	+0.9%	-2.7%	-1.5%	+1.2%	+0.1%
+2.4%	-0.1%	-0.8%	+2.5%	+0.6%	+2.7%
+2.4%	-0.6%	-3.4%	+2.9%	+6.2%	+0.3%
+0.6%	-0.5%	-1%	+1.2%	+1.5%	+0.6%
-1.7%	-0.8%	-2.7%	-0.9%	+1.5%	+0.3%
+0%	-0.4%	-0.7%	+0.4%	+0.3%	+0.8%
+1.6%	-0.4%	-0%	+2.1%	+1%	+1.1%
-1.1%	-1.3%	-2%	+0.2%	+1.5%	+0.7%
+4.4%	+0.6%	-2.3%	+3.8%	+4.9%	+1.2%
+4.5%	+1.6%	-2%	+2.9%	+3.8%	+1.2%

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