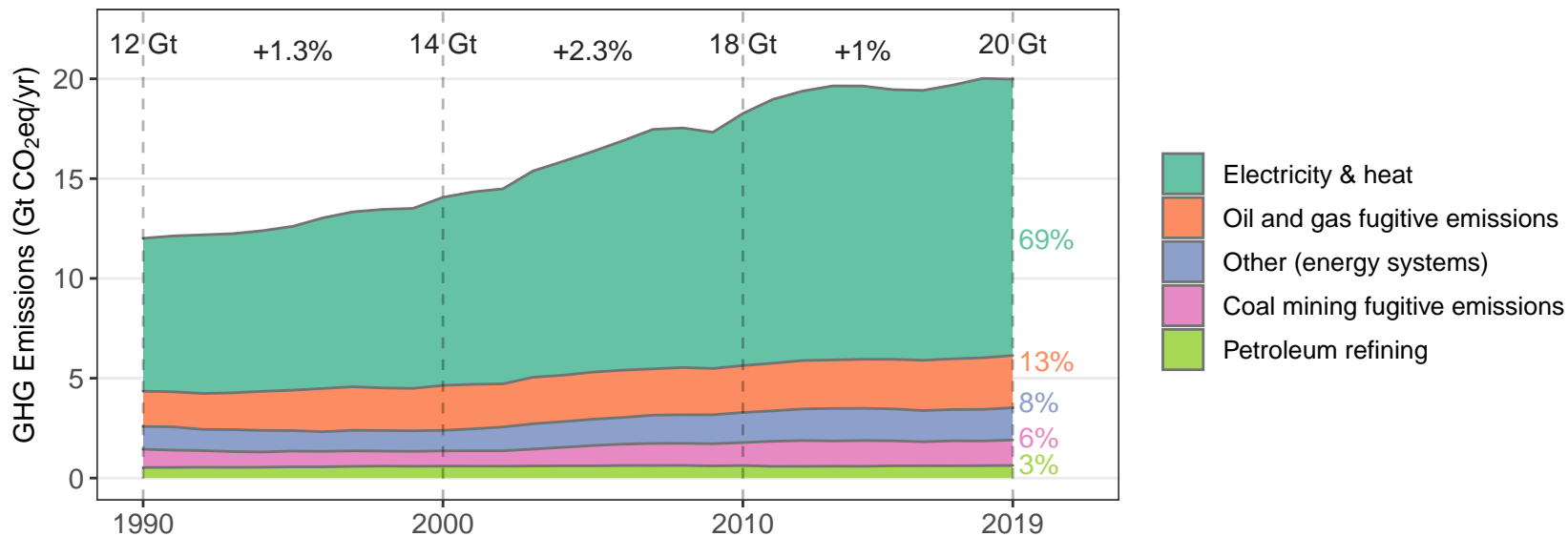
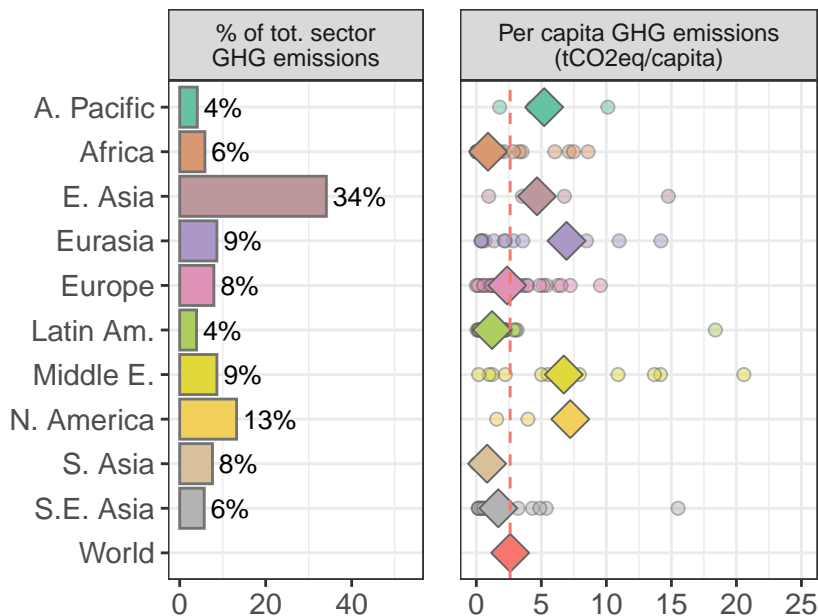


a. Energy systems global GHG emission trends by subsectors



b. Emissions by region in 2019  
(all GHGs)



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

CO <sub>2</sub>	Carbon intensity	Energy intensity	Energy cons.	GDP/pop	Pop
-0.3%	+1.9%	-3.5%	-2.2%	+1.2%	+0.1%
+1.6%	-1.1%	-0.5%	+2.7%	+0.6%	+2.7%
+3.9%	-0.4%	-2.1%	+4.3%	+6.2%	+0.3%
-0.7%	-0.8%	-2.1%	+0.1%	+1.5%	+0.6%
-3.2%	-1.5%	-3.5%	-1.7%	+1.5%	+0.3%
-0.1%	-0.1%	-1.1%	+0%	+0.2%	+1%
+2.3%	-0.1%	+0.3%	+2.3%	+1%	+1.1%
-2.9%	-2.4%	-2.6%	-0.4%	+1.5%	+0.7%
+4.6%	+0.8%	-2.2%	+3.8%	+5%	+1.1%
+5.8%	+1.8%	-1%	+4%	+3.8%	+1.2%
+1.2%	-0.2%	-1.9%	+1.4%	+2.3%	+1.2%

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