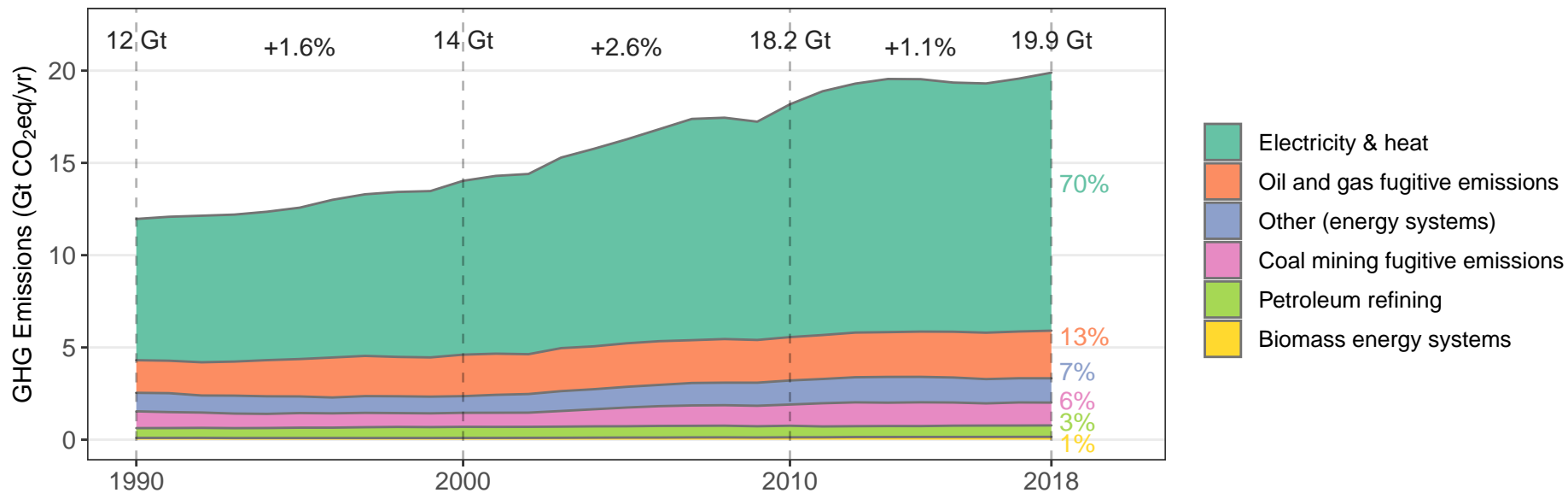
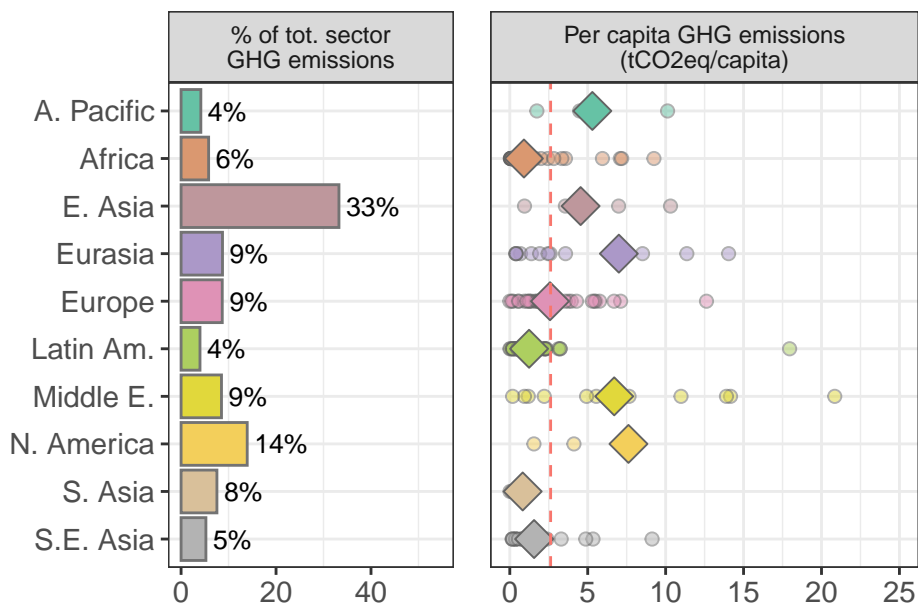


a. Energy systems global GHG emission trends by subsectors



b. Emissions by region in 2018  
(all GHGs)



c. Avg. annual change in kaya factors 2010–2018  
(CO<sub>2</sub> only)

CO <sub>2</sub>	Carbon intensity	Energy intensity	Energy cons.	GDP/ pop	Population
-0.1%	+2.3%	-3.6%	-2.3%	+1.2%	+0.1%
+1.4%	-1.4%	-0.4%	+2.9%	+0.6%	+2.7%
+3.7%	+0%	-2.8%	+3.6%	+6.3%	+0.3%
-1.1%	-0.4%	-2.8%	-0.7%	+1.5%	+0.6%
-2.3%	-1%	-3.2%	-1.4%	+1.6%	+0.3%
+0.1%	+0.1%	-1.3%	+0%	+0.4%	+1%
+1.9%	-0.3%	-0.2%	+2.2%	+1.4%	+1%
-2.4%	-2.2%	-2.4%	-0.3%	+1.4%	+0.7%
+5.3%	+0.5%	-1.4%	+4.8%	+5.3%	+1%
+5.2%	+1.7%	-1.5%	+3.5%	+3.9%	+1.2%

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