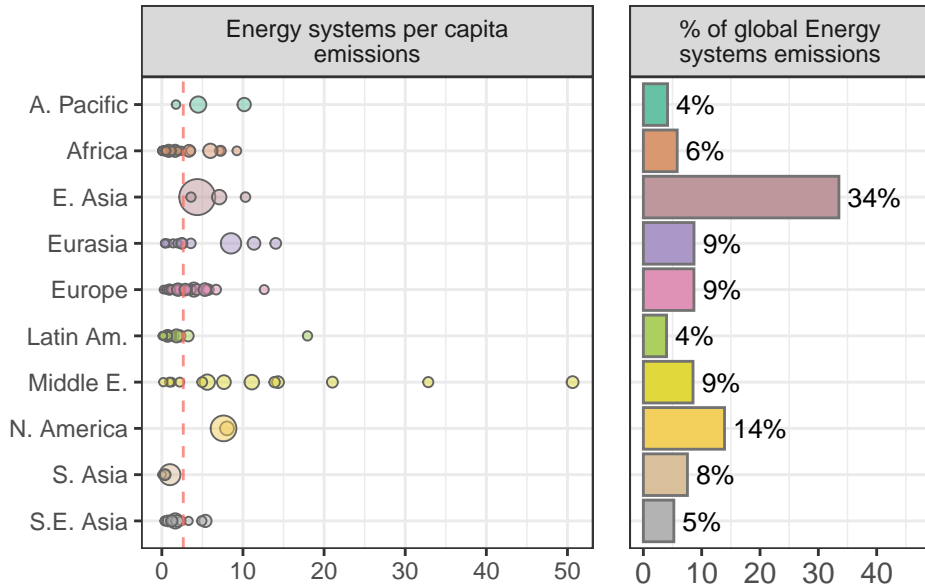


Energy systems sector emissions and trends by region

Greenhouse gas (GHG) emissions levels in 2018



Annual average change in emissions and kaya factors, 2010–2018

GHG	CO2	Carbon intensity	Energy efficiency	Energy consumption
–0%	–0.1%	+2.3%	–3.6%	–2.3%
+0.5%	+1.4%	–1.4%	–0.4%	+2.9%
+3%	+3.7%	+0%	–2.8%	+3.6%
–0.2%	–1.1%	–0.4%	–2.8%	–0.7%
–2.1%	–2.3%	–1%	–3.2%	–1.4%
+0.5%	+0.1%	+0.1%	–1.3%	+0%
+3.4%	+1.9%	–0.3%	–0.2%	+2.2%
–2.1%	–2.4%	–2.2%	–2.4%	–0.3%
+4%	+5.3%	+0.5%	–1.4%	+4.8%
+4.4%	+5.2%	+1.7%	–1.5%	+3.5%

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