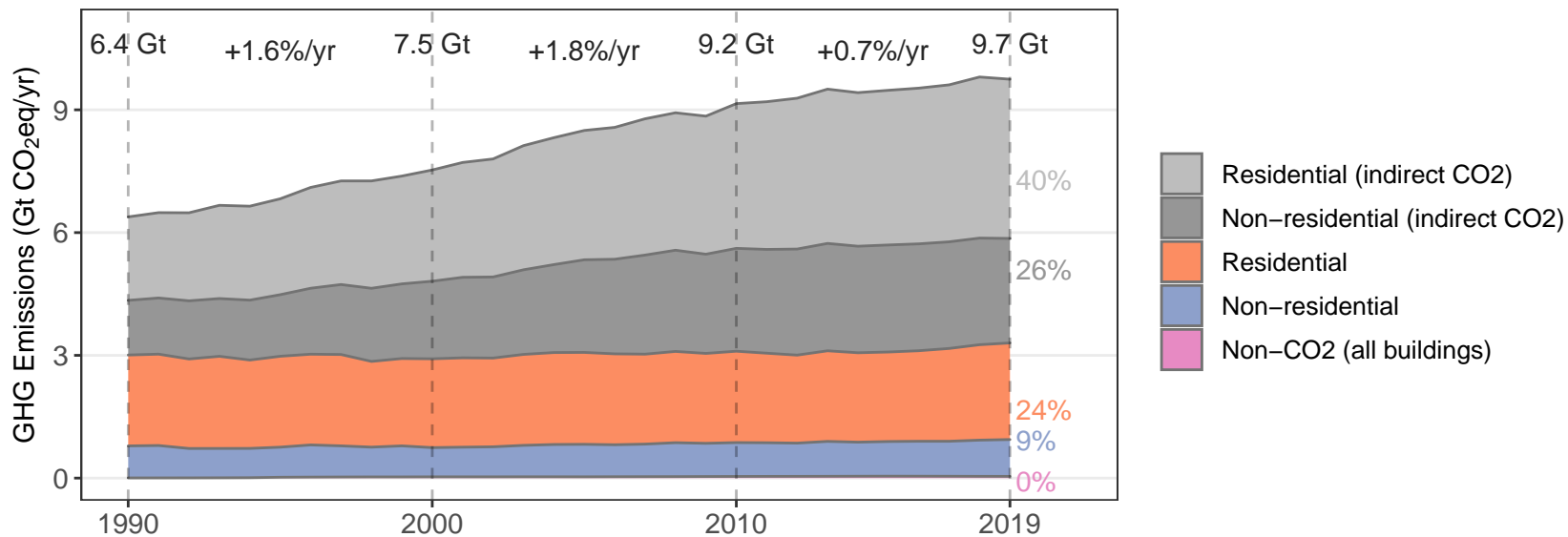
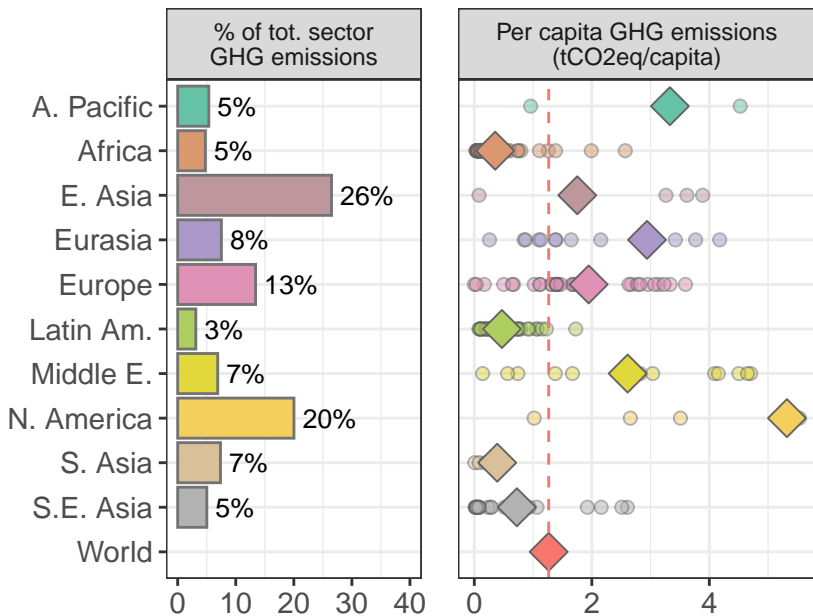


a. Buildings global GHG emission trends by subsectors



b. Emissions by region in 2019
(all GHGs, incl. Indirect CO₂)



c. Avg. annual change in kaya factors, 2010–2019
(CO₂ only, excl. indirect CO₂)

| CO ₂ | Carbon intensity | Energy intensity | Energy cons. | GDP/pop | Pop |
|-----------------|------------------|------------------|--------------|---------|-------|
| -1.2% | -0.3% | -2.2% | -0.9% | +1.2% | +0.1% |
| +5.2% | +2.6% | -0.7% | +2.5% | +0.8% | +2.4% |
| +0.7% | -2% | -3.7% | +2.7% | +6.1% | +0.5% |
| +4% | +1.7% | +0.1% | +2.2% | +1.6% | +0.5% |
| -2.4% | -1.1% | -3.1% | -1.3% | +1.5% | +0.3% |
| -0.2% | -1.2% | -0.4% | +1% | +0.3% | +1.1% |
| +1.4% | -1.3% | +0.3% | +2.8% | +0.2% | +2.3% |
| +0.3% | -0.1% | -1.8% | +0.4% | +1.5% | +0.7% |
| +3.3% | +1.1% | -3.9% | +2.1% | +4.9% | +1.2% |
| +0.9% | +2.8% | -6.6% | -1.9% | +3.8% | +1.1% |
| +0.4% | -0.6% | -2.4% | +0.9% | +2.3% | +1.2% |

-- World average

● Growing (> +1%/yr)

● Stable (~0%/yr)

● Declining (< -1%/yr)