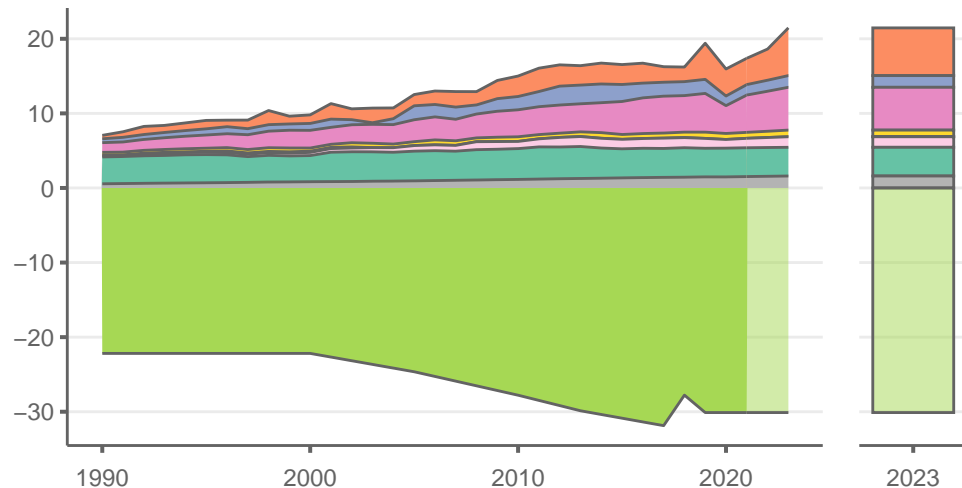
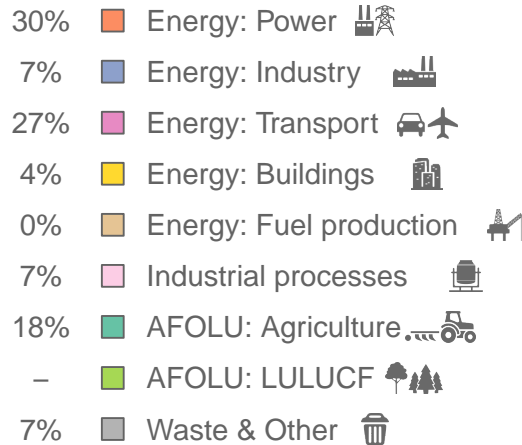


# Panama

Greenhouse gas emissions (MtCO<sub>2</sub>e/year)



Sectors & shares of gross emissions in 2023



Panama released an estimated 21.5 MtCO<sub>2</sub>e in 2023 (excl. LULUCF), a change of +15.2 % compared to the previous year. Per capita GHG emissions were 4.8 tCO<sub>2</sub>e in 2023. Cumulative CO<sub>2</sub> emissions since 1850 were 2.08 GtCO<sub>2</sub>, or about 0% of global emissions to date. LULUCF data are projected forward from 2021. Sources: EDGAR v9, GCB 2023, UNFCCC, Grassi et al. 2021