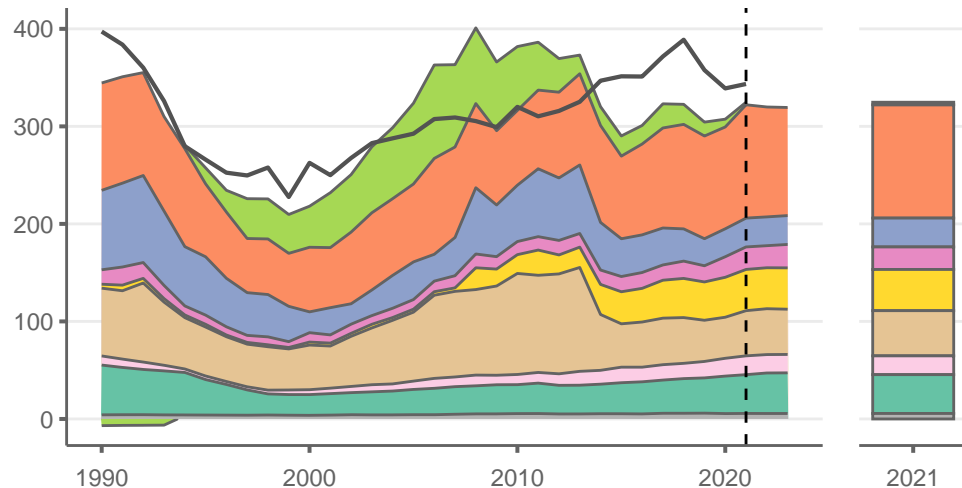


# Kazakhstan

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



Sectors & shares of gross emissions in 2021

- 36% Energy: Power
- 9% Energy: Industry
- 7% Energy: Transport
- 13% Energy: Buildings
- 14% Energy: Fuel production
- 6% Industrial processes
- 12% AFOLU: Agriculture
- 1% AFOLU: LULUCF
- 2% Waste & Other
- Inventory (excl. LULUCF)

Kazakhstan released an estimated 319 MtCO<sub>2</sub>e in 2023 (excluding LULUCF), a change of -0.2 % compared to the previous year. Per capita GHG emissions were 16 tCO<sub>2</sub>e in 2023, while cumulative historic CO<sub>2</sub> emissions were 24.6 GtCO<sub>2</sub>, representing about 0.96% of global emissions to date. Sources: EDGAR v9, GCB 2023, UNFCCC, Grassi et al. 2021