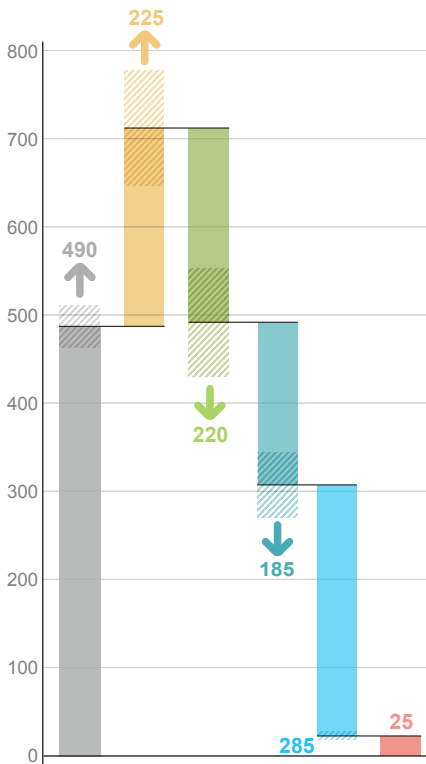
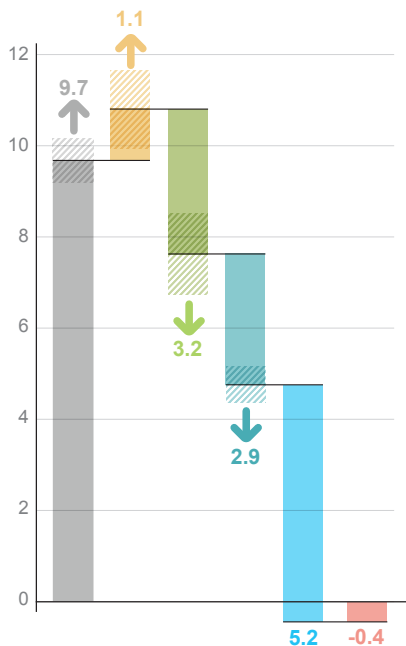


Anthropogenic carbon flows

(a) Cumulative changes 1850-2023 GtC



(b) Mean fluxes 2014-2023 GtC per year



Fossil CO₂ E_{FOS}



Land uptake S_{LAND}



Land-use change E_{LUC}



Ocean uptake S_{OCEAN}

+ Atmospheric increase G_{ATM}

Uncertainty values

Budget Imbalance B_{IM}