a. Total anthropogenic GHG emissions 1990-2019 38 Gt 42 Gt 52 Gt 58 Gt 58.4 Gt 58.4 Gt 55.9 Gt 60 4% 50 18% 19% 11% 110% 20% 22% 12% 13% 65% 66% 62% 60% 0 gwp_ar6 gwp_ar5 gwp_ar2 1990 2000 2010 2019 CO₂ FFI CO2 LULUCF CH4 N20 Fgas 3 2

Greenhouse gas emissions (GtCO2eq/yr) 40 -30 20 . 10 Emissions (original units, relative to 1990) 2010 2010 1990 2000 2010 1990 2000 1990 2000 2010 1990 2000 2010 1990 2000