CO₂ in the quaternary period, today and ...tomorrow 800 Data source: line segments: Hönisch et al 2009 using foraminifers; prefer. model of weathering circles: composed data from Antarktic ice cores EPICA Dome C and Vostok (Monnin 2001, Petit 1999, Pepin 2001, Raynaud 2005, Siegenthaler 2005, Luethi 2008) 700 700: such levels are a future matter-of-course for many politicians and economists 600 500: a level considered in the Stern report (2006) 500 450: the current EU target... 400 400: global concentration in 2015, rising 2 ppm yearly: 350: the level, which might be not dangerous anymore, the necessary first goal 300 200 2000 1500 1000 500

thousands of years ago