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Dipartimento federale dell'interno DFI
Ufficio federale di meteorologia e climatologia MeteoSvizzera

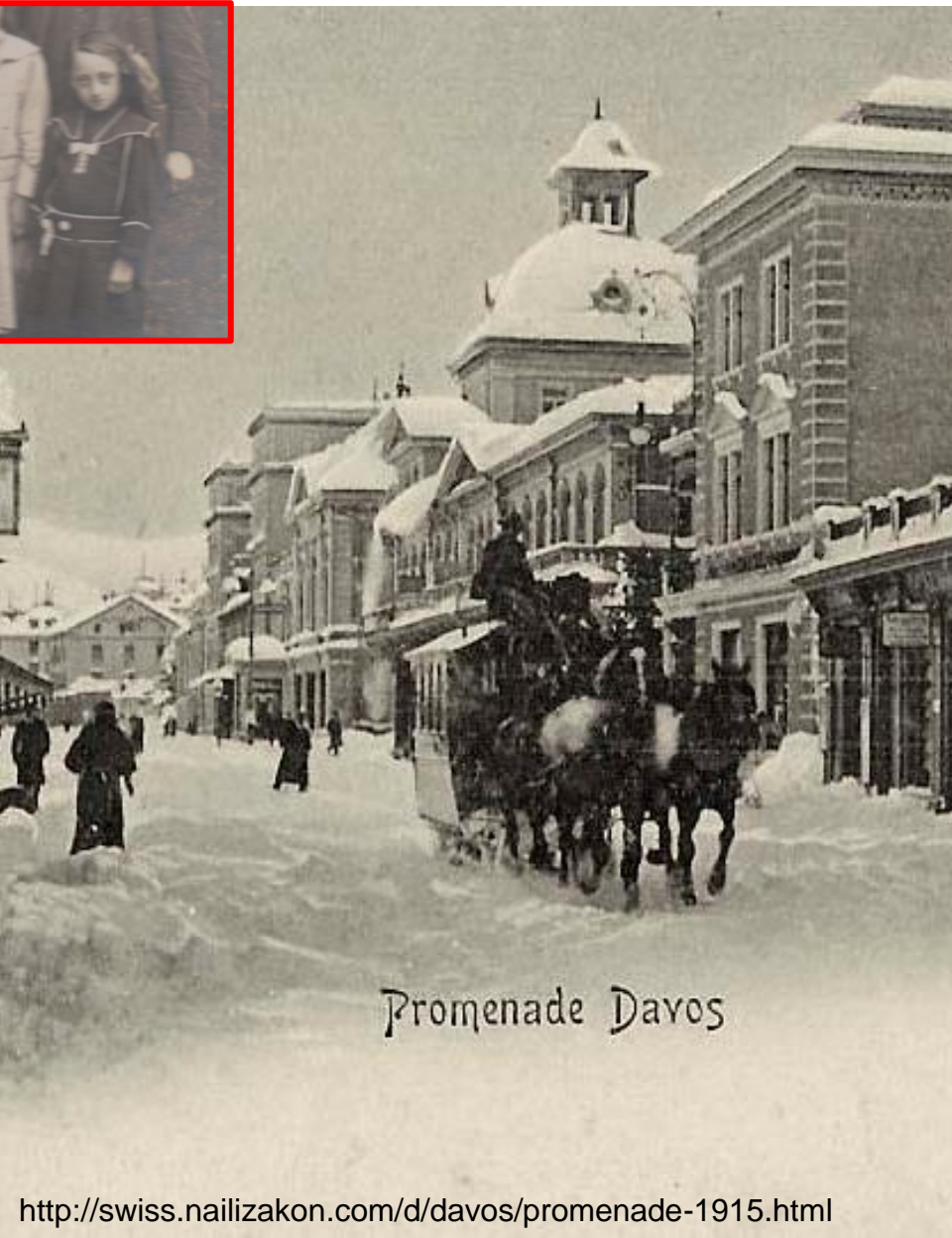
Climate change: no more time for discussions, we need actions.

M. Gaia – Head of the regional Center South of MeteoSwiss

Caspian Week 2019 - Davos



In just few generations



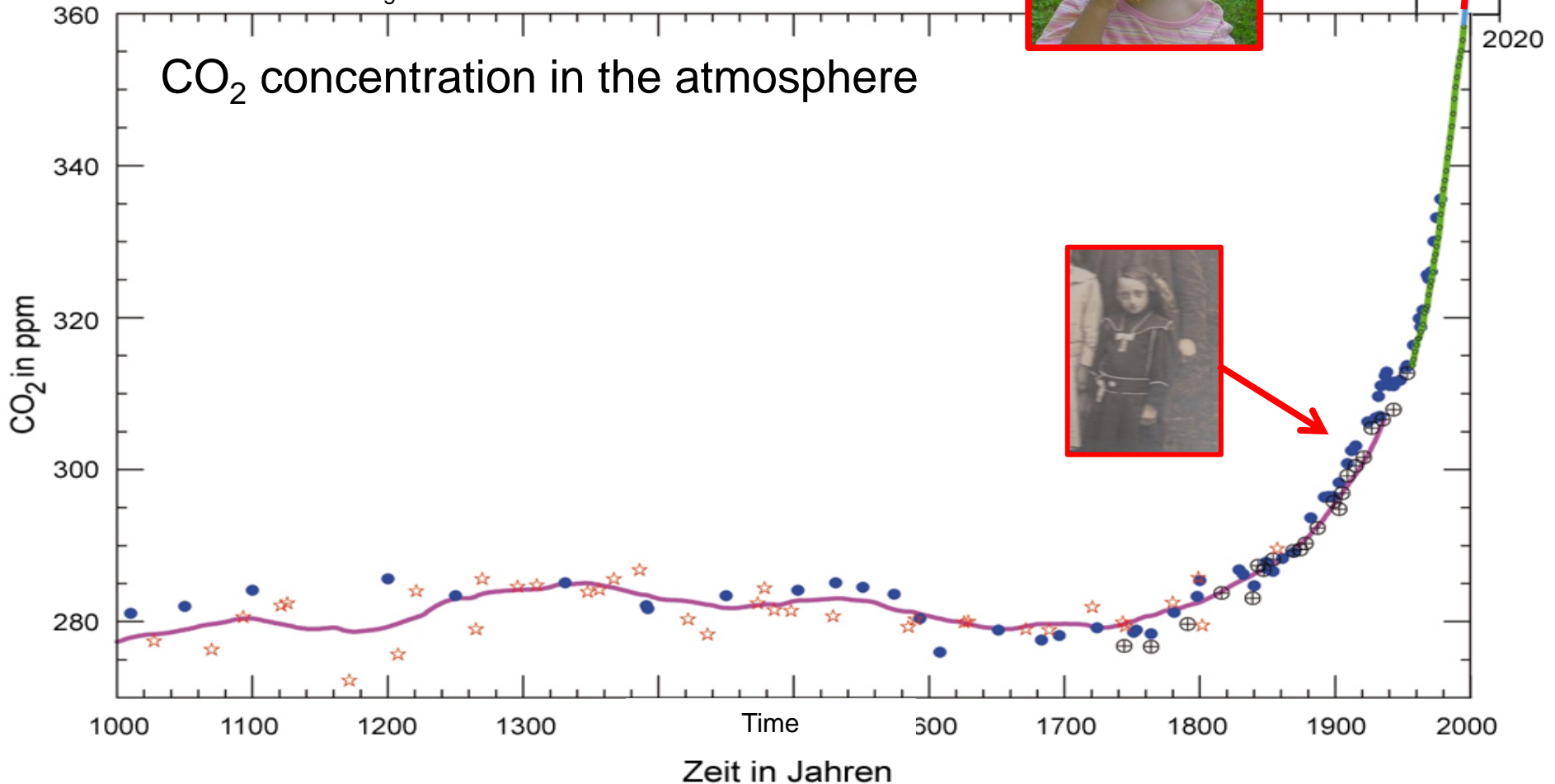
Promenade Davos





We are changing the earth climate

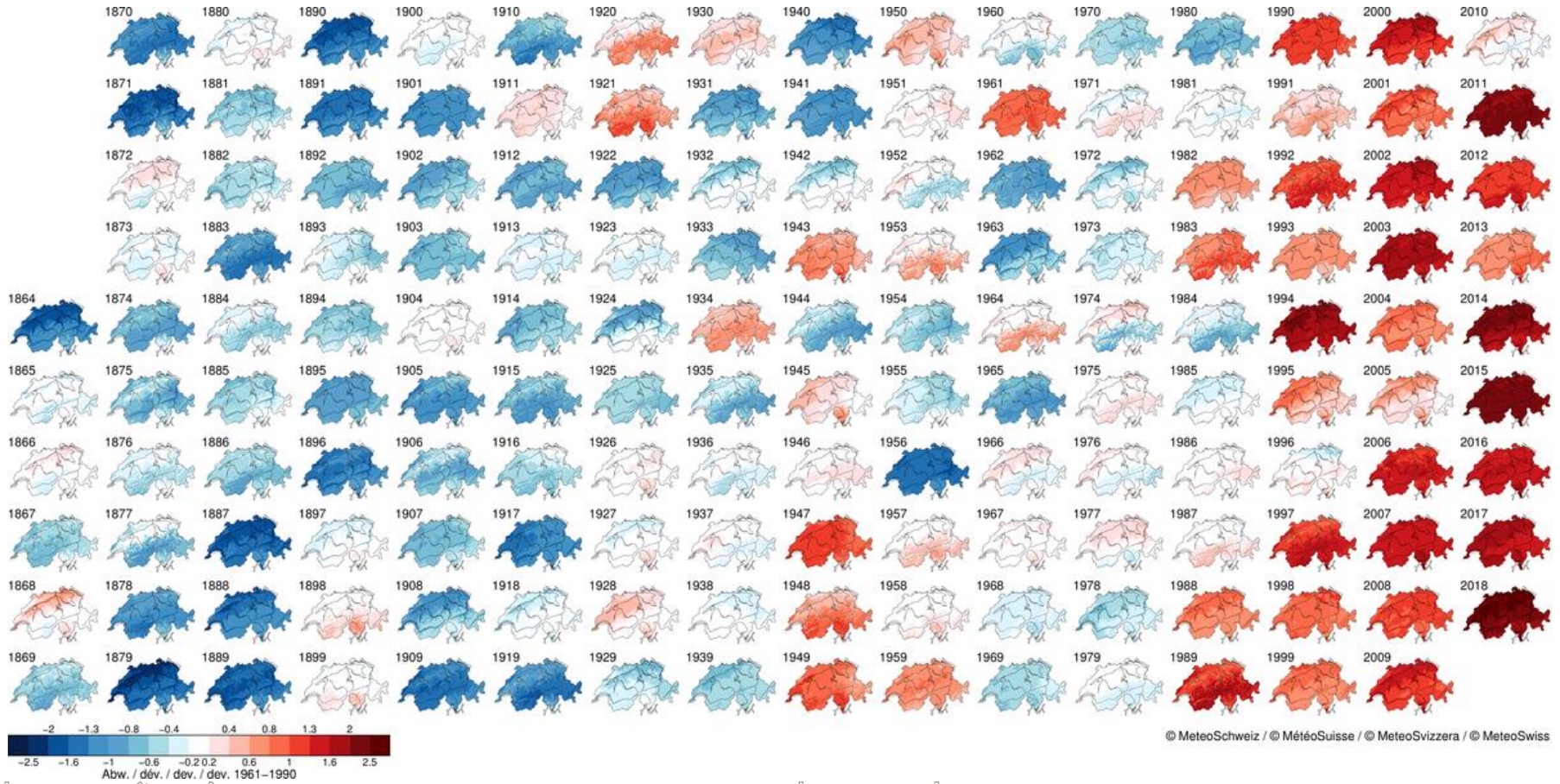
Source: : www.esrl.noaa.gov





2018: the hottest year in Switzerland

(since 1864 / reference 1961 - 1990)



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M. Gaia

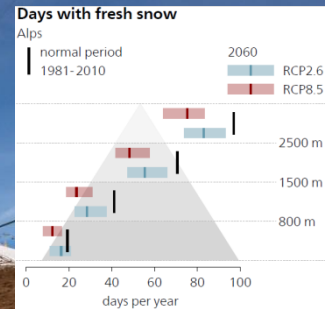
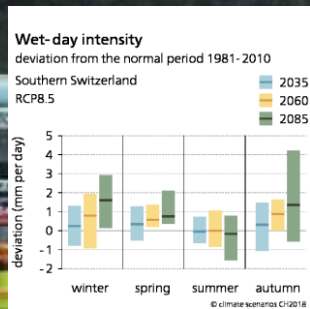
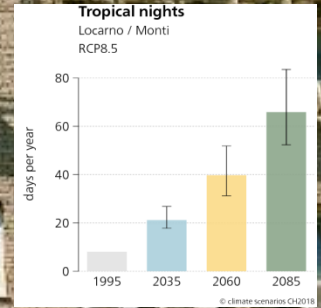
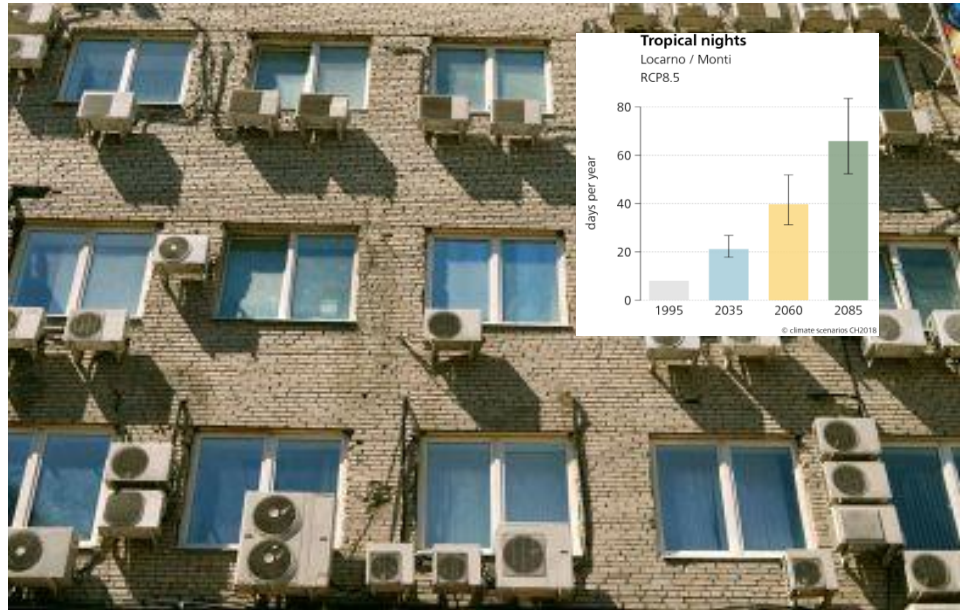
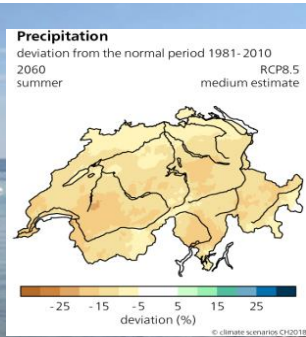
 The climate has already changed





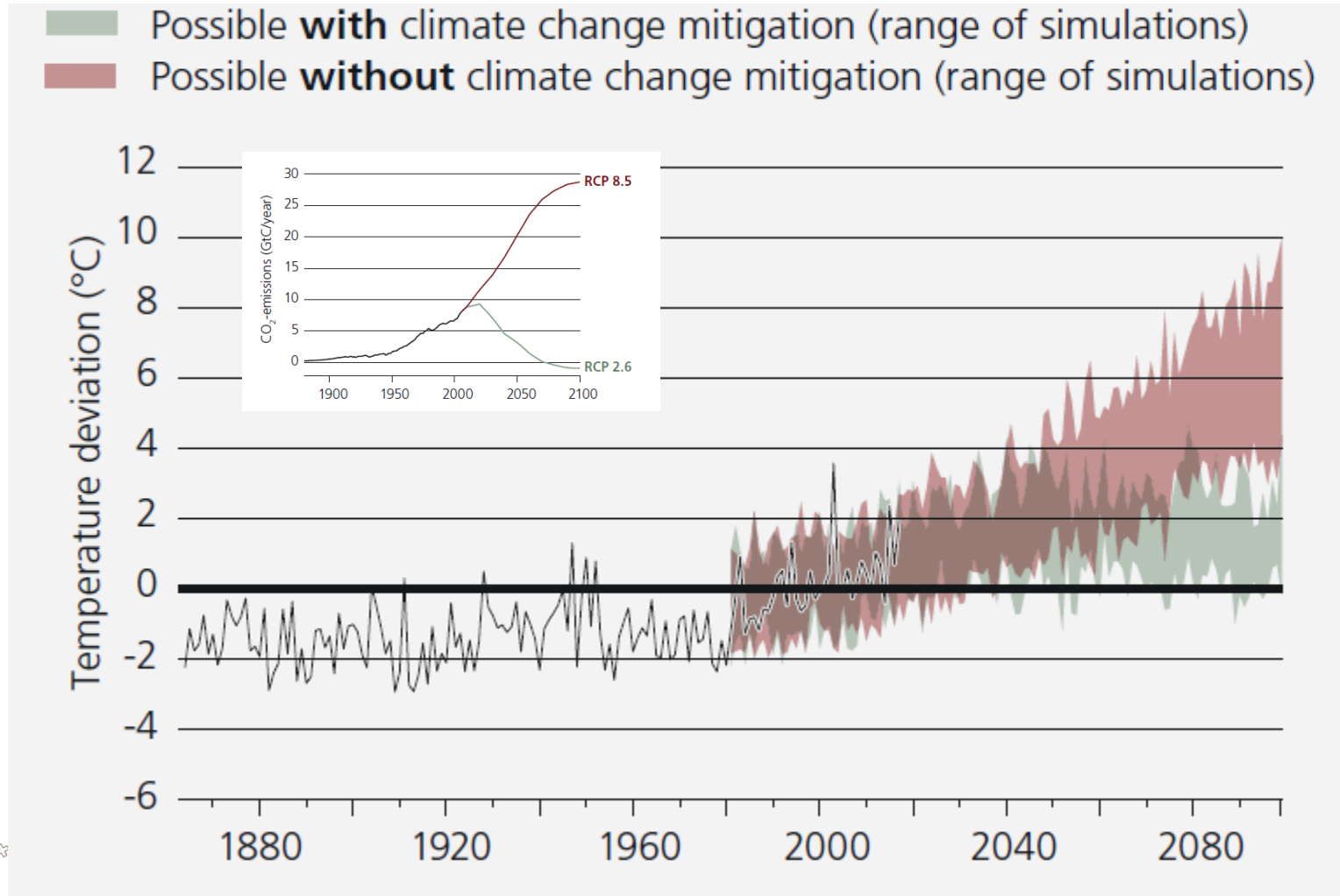
We are able to forecast the future

Source: CH2018 – Climate Scenarios for Switzerland / www.nccs.ch





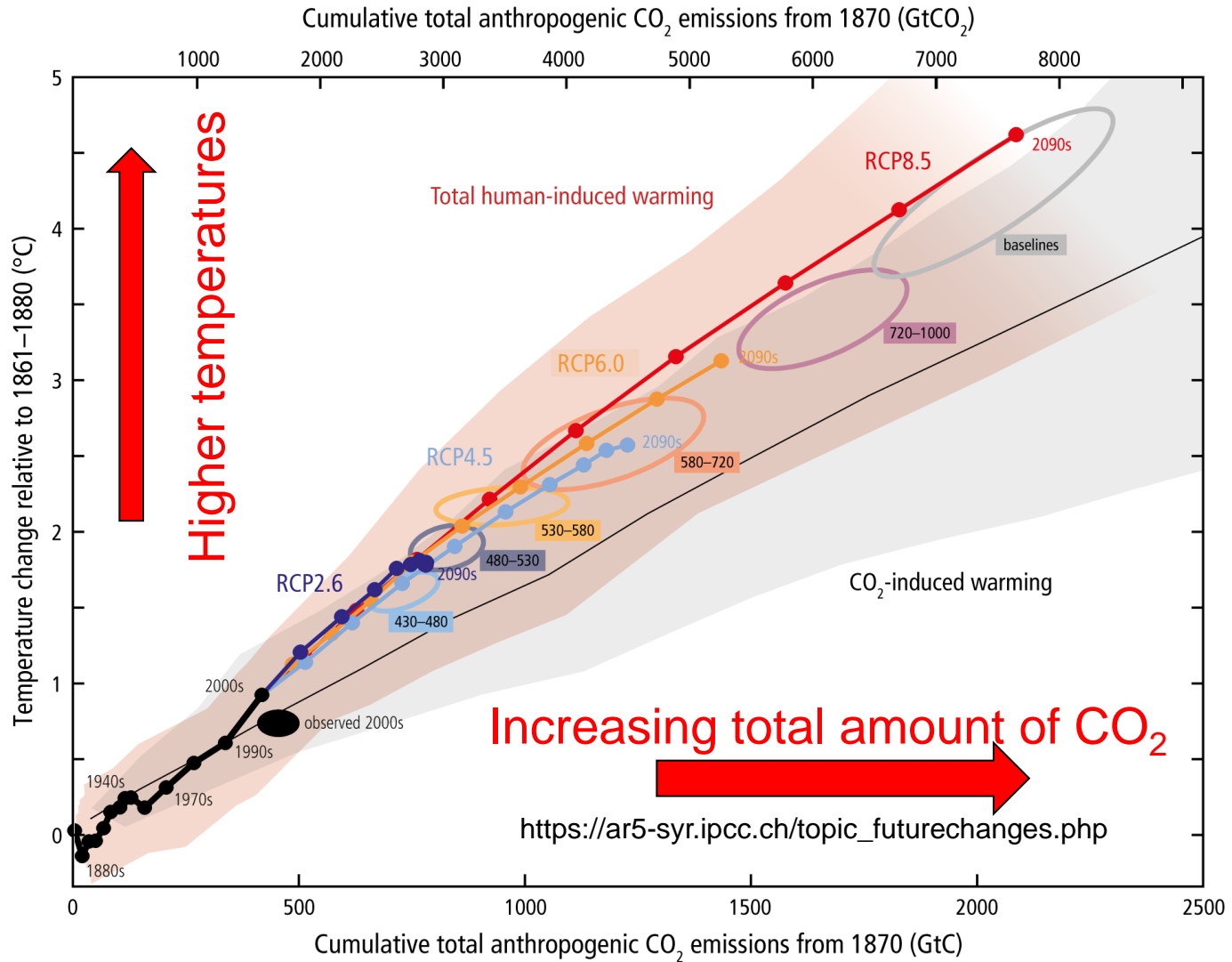
Mitigation works, but changes are unavoidable



Source: CH2018 – Climate Scenarios for Switzerland / www.nccs.ch



CO₂: a long life in the atmosphere





No time left for discussions, we need actions



Managing the unavoidable,
avoiding the unmanageable