

Welcome Address

The National Climate Change Conference 2021

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The global setting

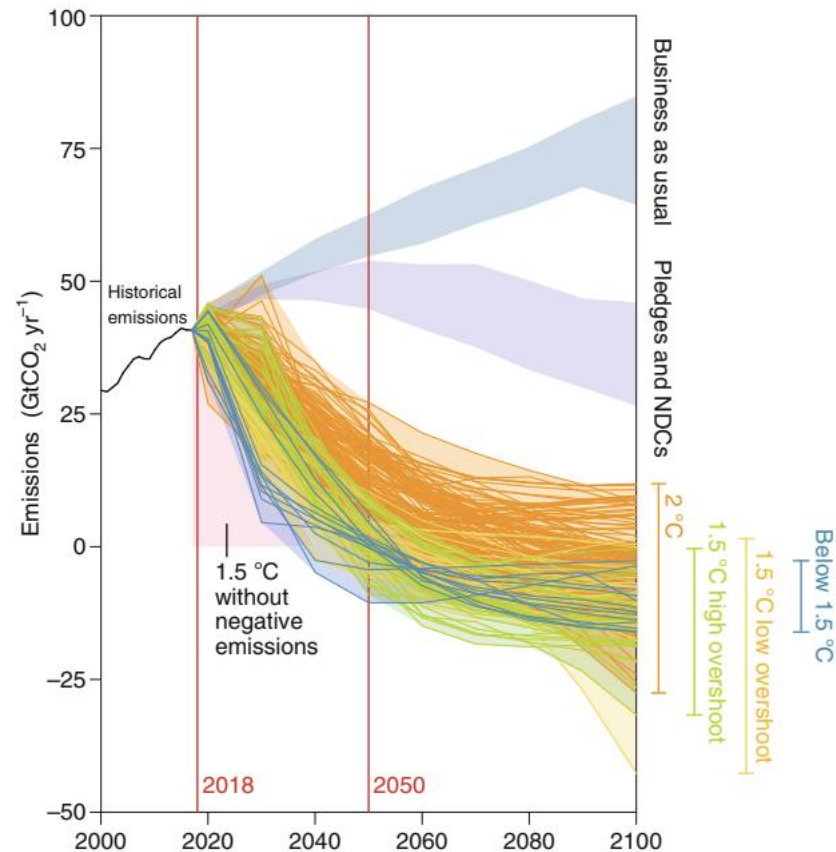


Fig. 1 | Global net anthropogenic CO₂ emission pathways in BAU, 2 °C and 1.5 °C model scenarios. The 2 °C (132 model runs, orange lines), 1.5

- Many countries have made ambitious NetZero pledges
- Before COP 26 there is still a large ambition gap 2030/2050
- Are the ambitious UK climate targets sufficient in a global context?
 - Global burden sharing
 - Peak emissions

Family carbon budget project

- - 2020: Renewable energy house
 - 100% Electricity purchase (Wind, solar, hydro, biomass)
 - 100% Renewable natural gas purchase (H₂&biogas)
 - Solar heating
 - Energy saving measures to be at least cost neutral
- 2021: ZeroNet household
 - Cargo-Pedelec
 - Car sharing (incl. electric fleet) & restoration carbon credit
 - Personal international flights & restoration carbon credit
 - Planetary health diet (Flexitarian+80% Venison meat; 16:8 schedule)
 - ART certified REDD credit to off-set life-time personal FF emissions
 - Consumption optimization for cost saving
- 2022+: Absolute ZeroNet lifetime household
 - Participate in crowd-funded restorative high-yield organic farm project incl. 2nd gen biodiesel-biochar-EW system
 - Account for scope 2 emissions in family carbon budget
 - Net positive family history carbon budget
 - Consumption optimization (sharing, circular, resource-efficiency)

⇒ Easy to become ZeroNet

⇒ Affordable if not cost negative

⇒ Better, healthier and more fun family life