Gt CO₂e/yr and fraction of sample P0_2 Diagnostic around an 11% immediate action case P2: Immediate global 15% action Policy category P2a: Immediate global 42% action without transfers P2c: Other policies + 0.64% Immediate global action P3b: NDC + Delayed global 32% action 77% **ENGAGE** Luderer 2021 3.2% Project study Soergel 2021 1.9% Strefler 2021b 3.2% van Vuuren 2021 15% 0 0000 SSP1 SSP family 9% SSP2 91% T0: Standard technology category 00 13% assumptions T1: Non-standard Technology 10% technology assumptions 76% NA 10 20 30 **IMAGE** MESSAGE REMIND

Residual GHG emissions at net zero vs. scenario characteristics