

Interactive comment on “The Carbon Dioxide Removal Model Intercomparison Project (CDR-MIP): Rationale and experimental design” by David P. Keller et al.

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In the revised manuscript we have changed how we prioritize the experiments, i.e., the tiers have been changed in some cases. In the original GMDD manuscript we had five tier 1 experiments, one tier 2, and several tier 3 experiments that extended a tier 1 experiment. After careful consideration and discussions with modelling groups participating in CMIP6 we have decided to reduce the number of Tier 1 experiments to two, the C1 and C2_pi-pulse experiments. The main reason for this change is that groups participating in CMIP6 have told us that they are participating in many other MIPs and would be unable to commit to performing five tier 1 experiments, but could

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potentially commit to running two CDR-MIP experiments. This does not mean that the former tier 1 experiments, i.e., C2_overshoot, C3, and C4, are not high priorities for CDR-MIP, just that groups do not have to commit to performing five tier 1 experiments. Ideally groups will be able to perform all CDR-MIP experiments.

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