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notes on section 26 regarding cement

I would suggest including a provision requesting research to incorporate a quantitative assessment of the GHG emissions mitigation potential from the technologies being studied. Ideally, such quantitative assessments would also incorporate factors such as co-benefits or unintended consequences to other environmental impacts.

I would suggest including a provision requesting research to incorporate a pathway for scaling. This is particularly pertinent to the formation of cement alternatives from different raw materials. The current resources used are widely available, and alternatives may not be, which could limit their ability to be used as an emissions mitigation method.

Modern cement kilns have a precalciner stage that operates in a way that has potential to be electrified. However, the kilning that allows for the formation of key compounds in Portland cement are currently operated with a long flame at ~2000 degrees C, which facilitates a kiln temperature of ~1450 degrees C. Electrification of this stage has been difficult, and I mention the point so that the group is aware of the difference in case it had not come up before.

Cement has been called out as one of the few (if not the only) material in this document. It seems as though other material manufacturing should be considered as well.

While it does not affect investments, it is a bit more appropriate to refer to the chemical derived CO₂ from limestone + energy → CaO + CO₂ in the production of clinker as the "the decarbonation of limestone in the manufacturing of clinker" than "the conversion of limestone to clinker"