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Industrial CO_2 capture and transformation Keys to profitability via productivities

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Statement of the Problem: Being capable of recycling CO_2 in real time in strategic raw materials for the foods, feeds and chemical industries is a token of continued prosperity and growth. It helps solving global warming and its consequences, it helps minimizing the tensions on the availability of raw materials, associated to the growth of BRICS and other countries. The key driver of economic profitability, we have found, is the efficiency of energy transfer to CO_2 in order to form higher value carbon chains. This whether the technology is industrial photosynthesis as with NeoCArbons' patented equipment, or with earlier stage research in electro-reduction and associated catalysts issues. NeoCArbons files the patents enabling low cost manufacturing position and competitivity against substitutes from fossils. The underlying principle is to reach high productivities per m2, per m3 reaction and per unit of time, and the way to get at these is through unparalleled efficiency in energy transfer. i.e shall be happy to share our findings on the way to proposing to industries and governments technology pathways that will enable then to fulfill their promises with respect to environemt.

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