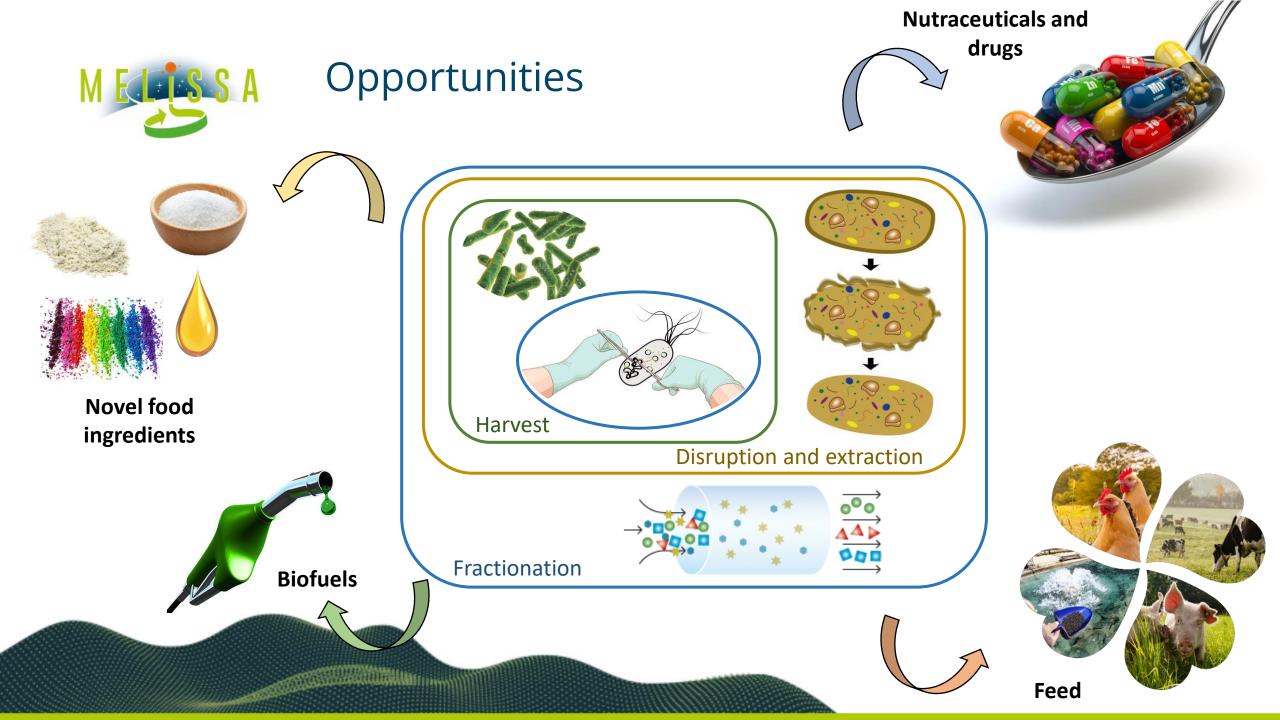






Extracellular conversion of CO₂ into sugars and other functional food ingredients: SweetAir

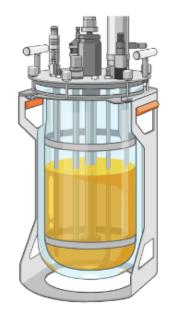
Dr. Iulian Z. Boboescu Biorefinery Theme Leader Bioprocess Engineering Chair Wageningen University, The Netherlands







Carbohydrates



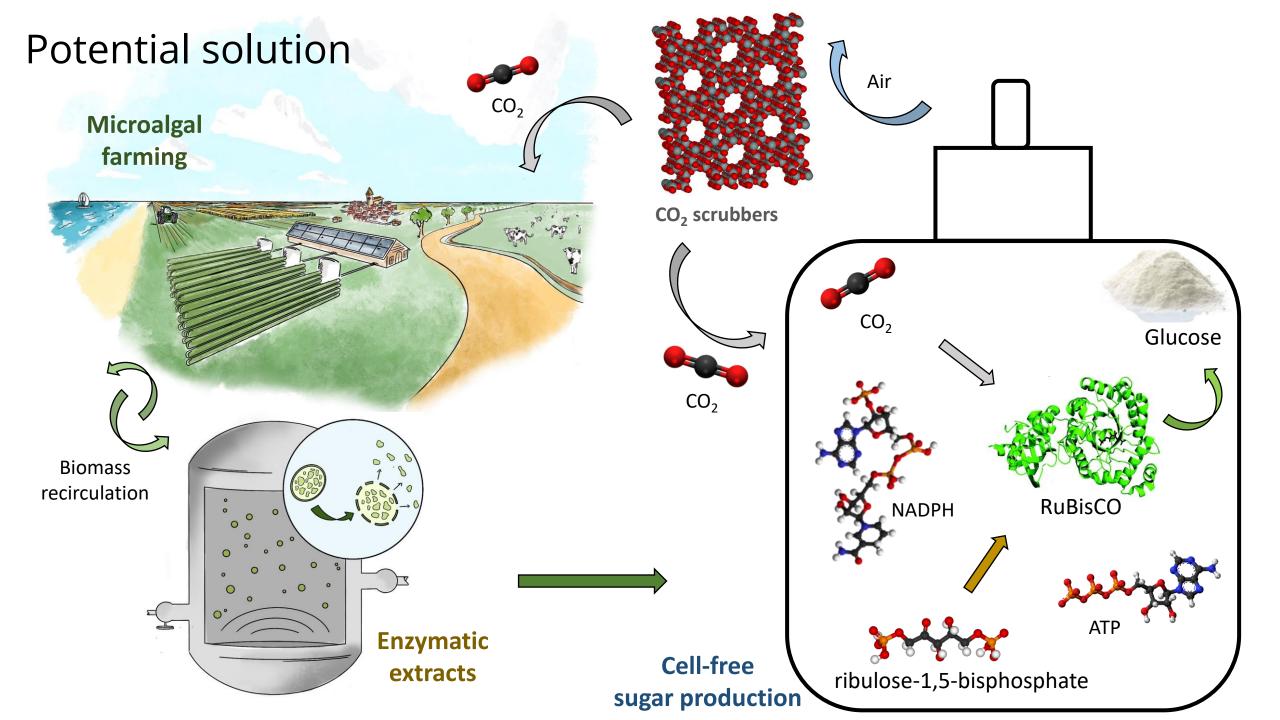
Microbial processes

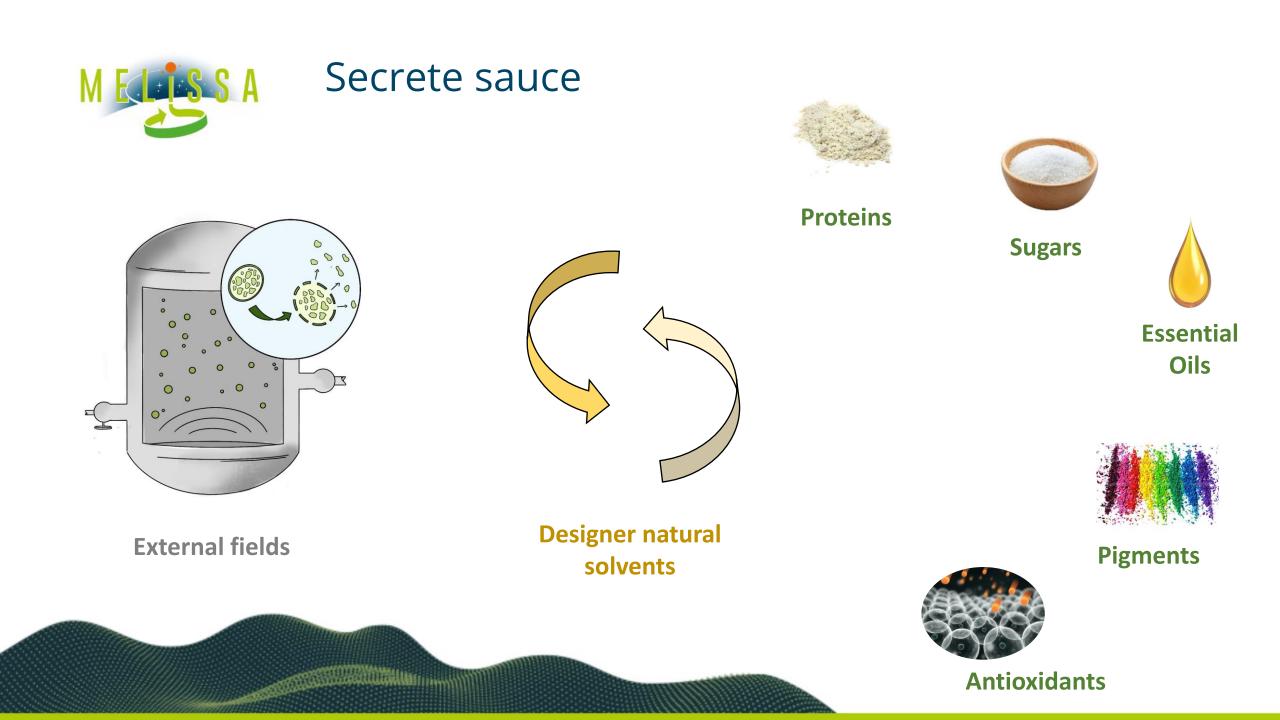


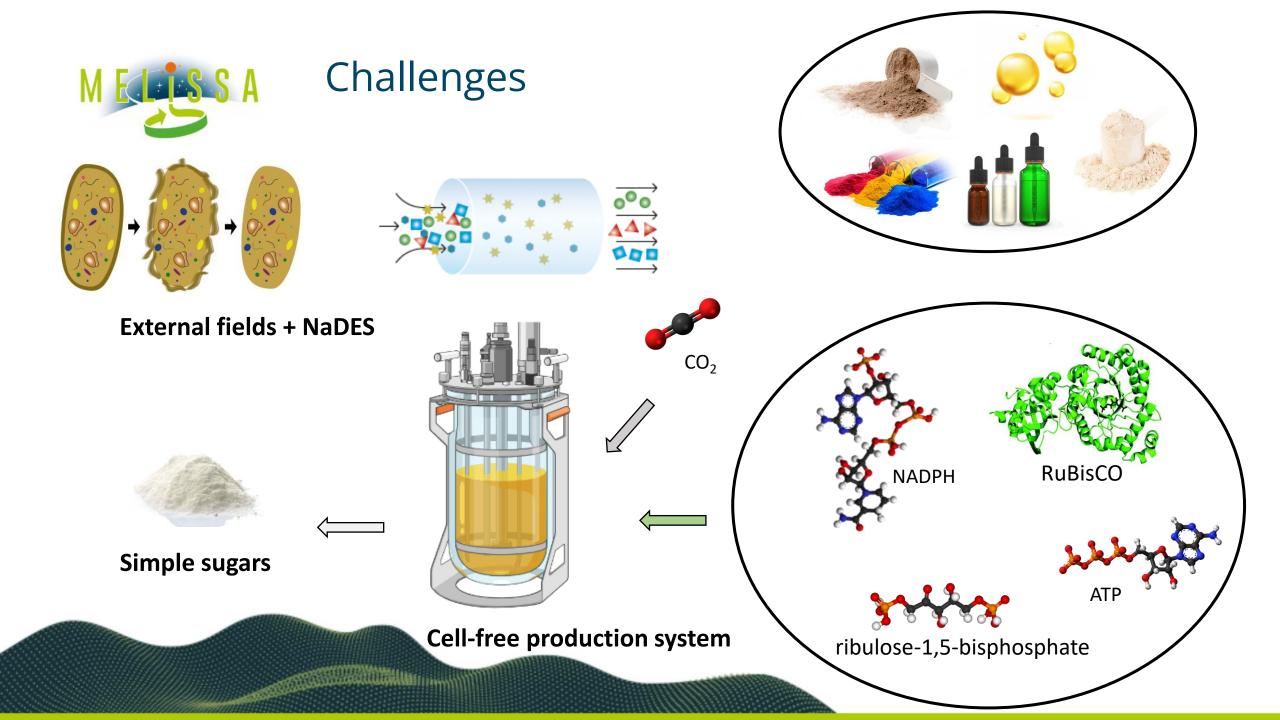
Carbon emissions

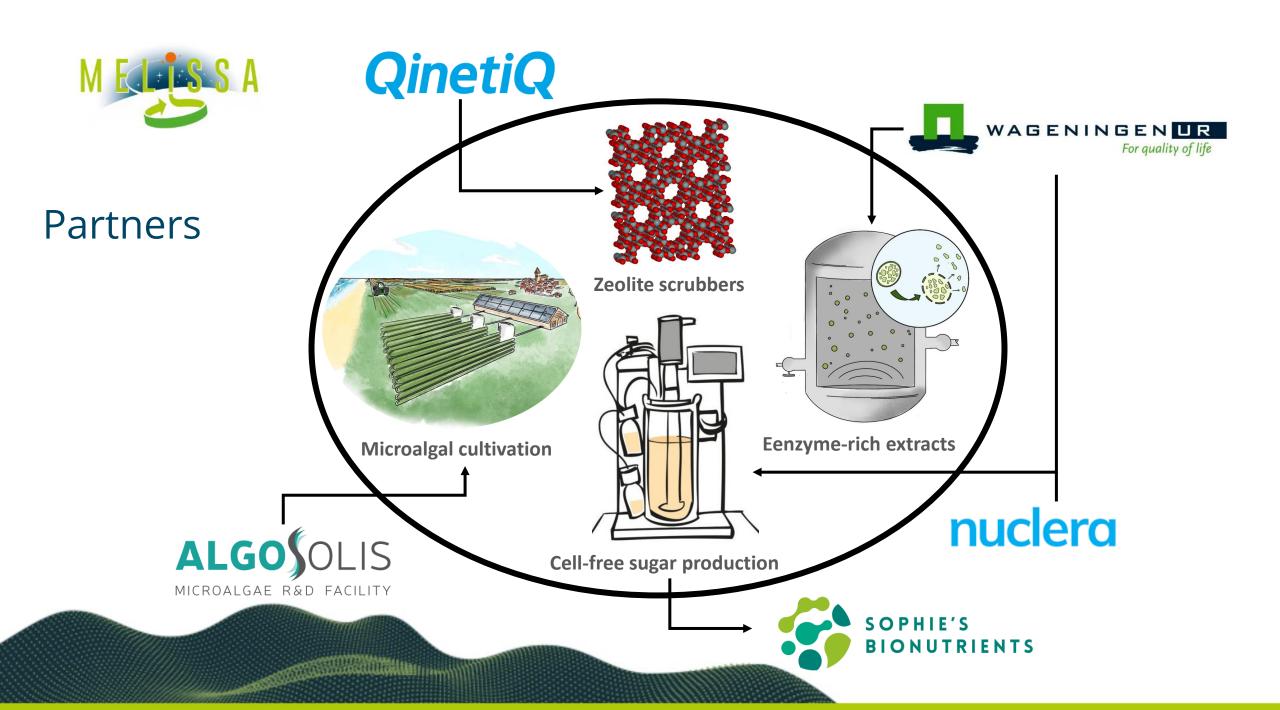


Deep-space missions

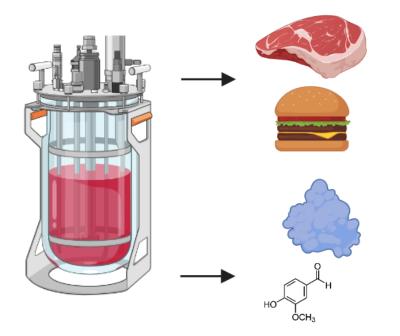






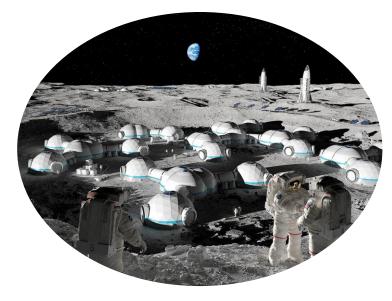








Direct-air CO₂ capture and utilization



Deep-space missions and settlements

Cellular agriculture



The European Space Agency

Campaign: New ideas for how space can boost Europe's green future

Category: Discovery activities - early technology development





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THANK YOU.

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