

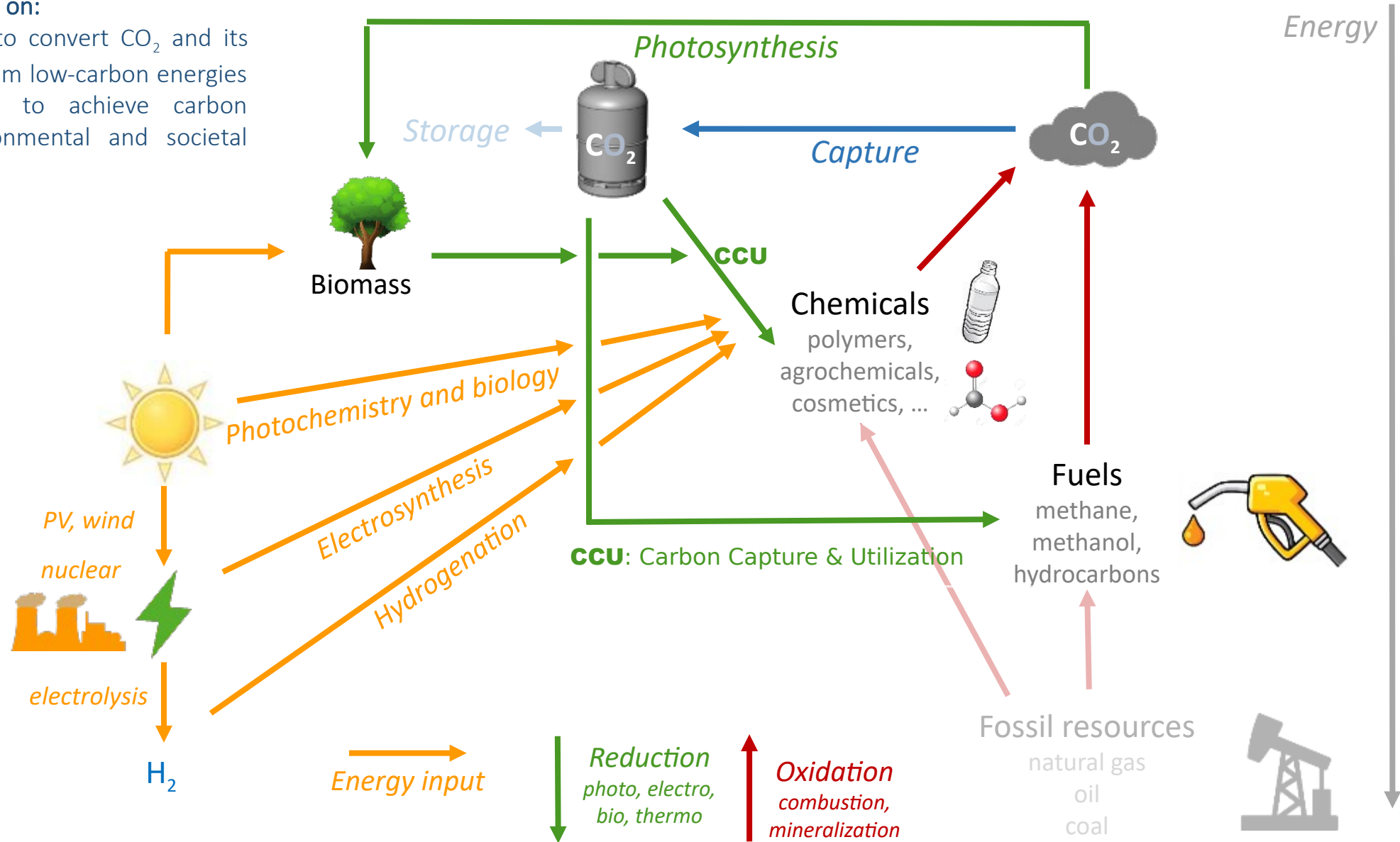
From linear towards circular carbon economy



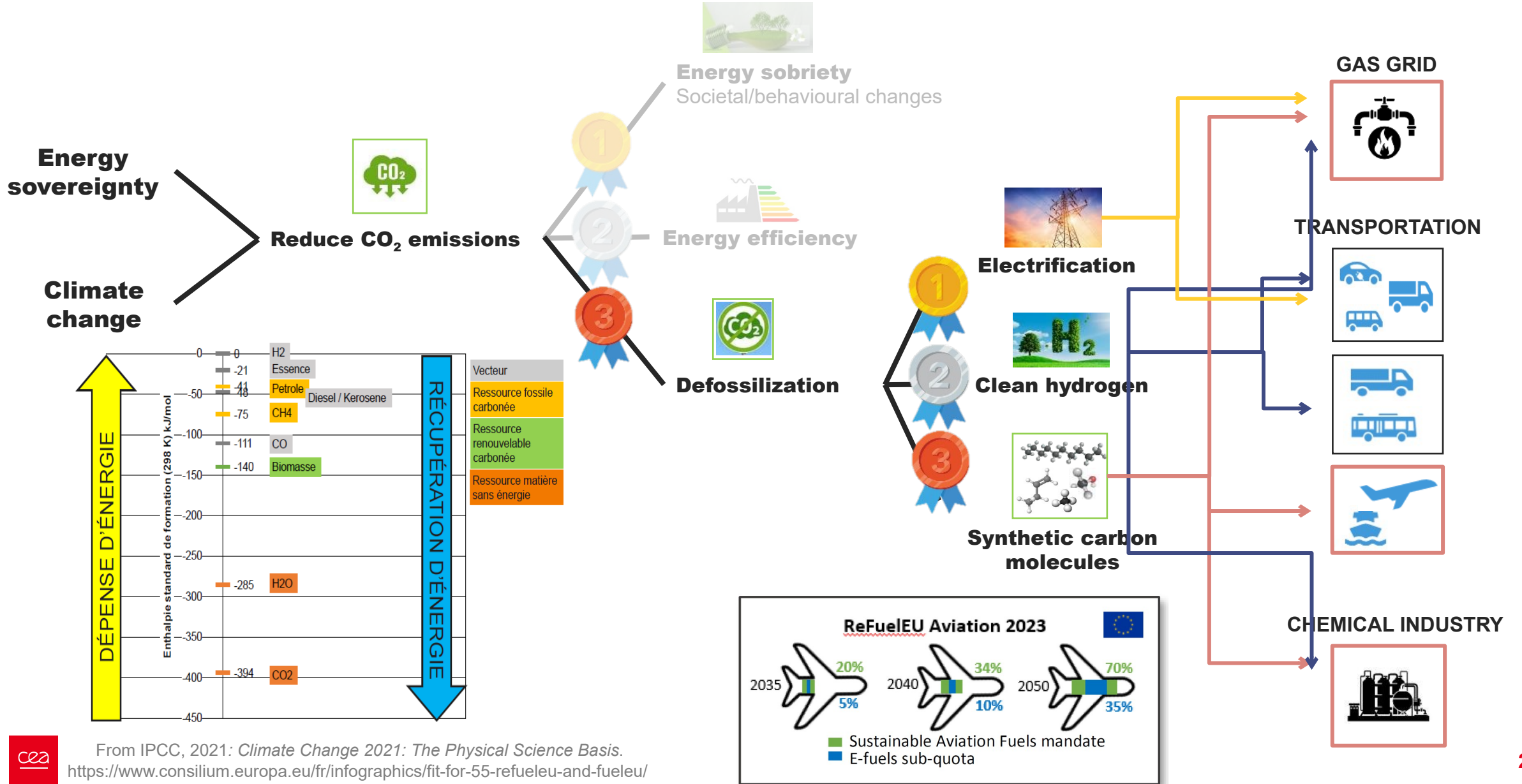
A Carbon Circular Economy is based on: a collection of technologies able to convert CO₂ and its derivatives into useful products, from low-carbon energies (incl. nuclear and renewables), to achieve carbon neutrality with a positive environmental and societal impact.

Cross-cutting challenges

- Impact analysis of soils and climate
- Multicriterai Life Cycle Analyses
- Sustainability of resources

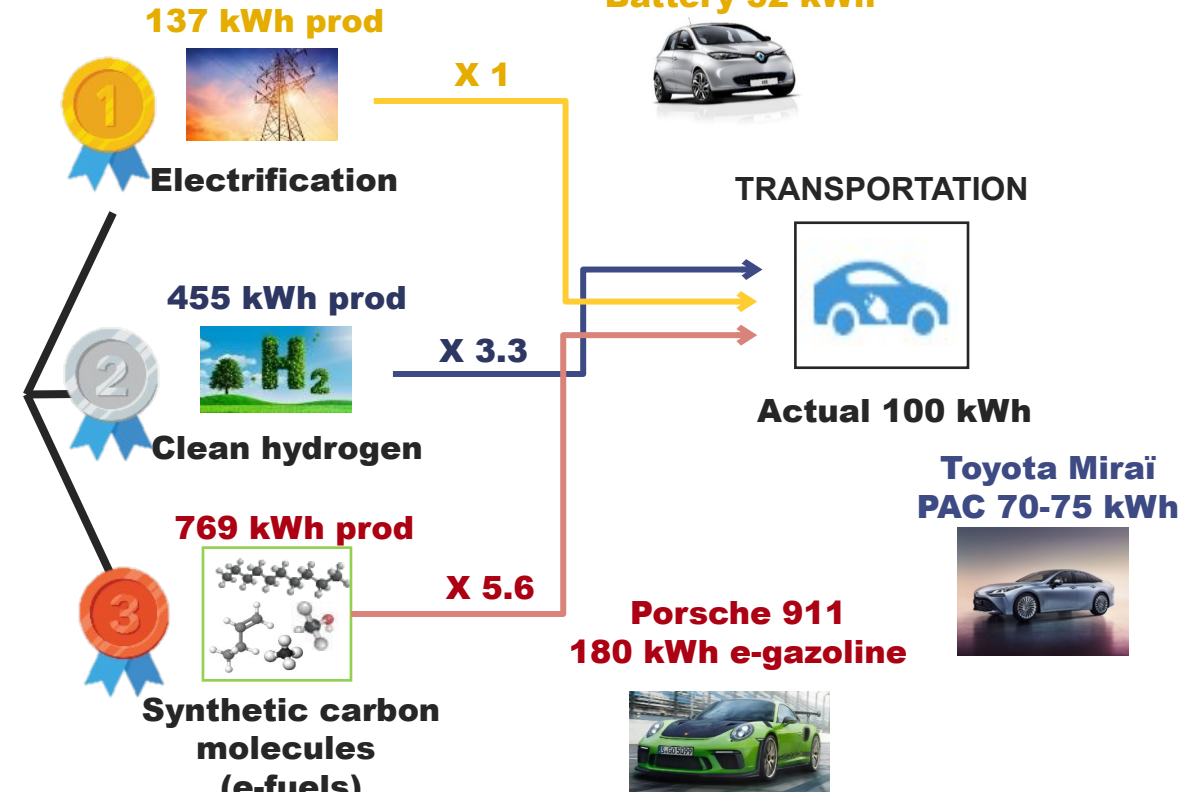
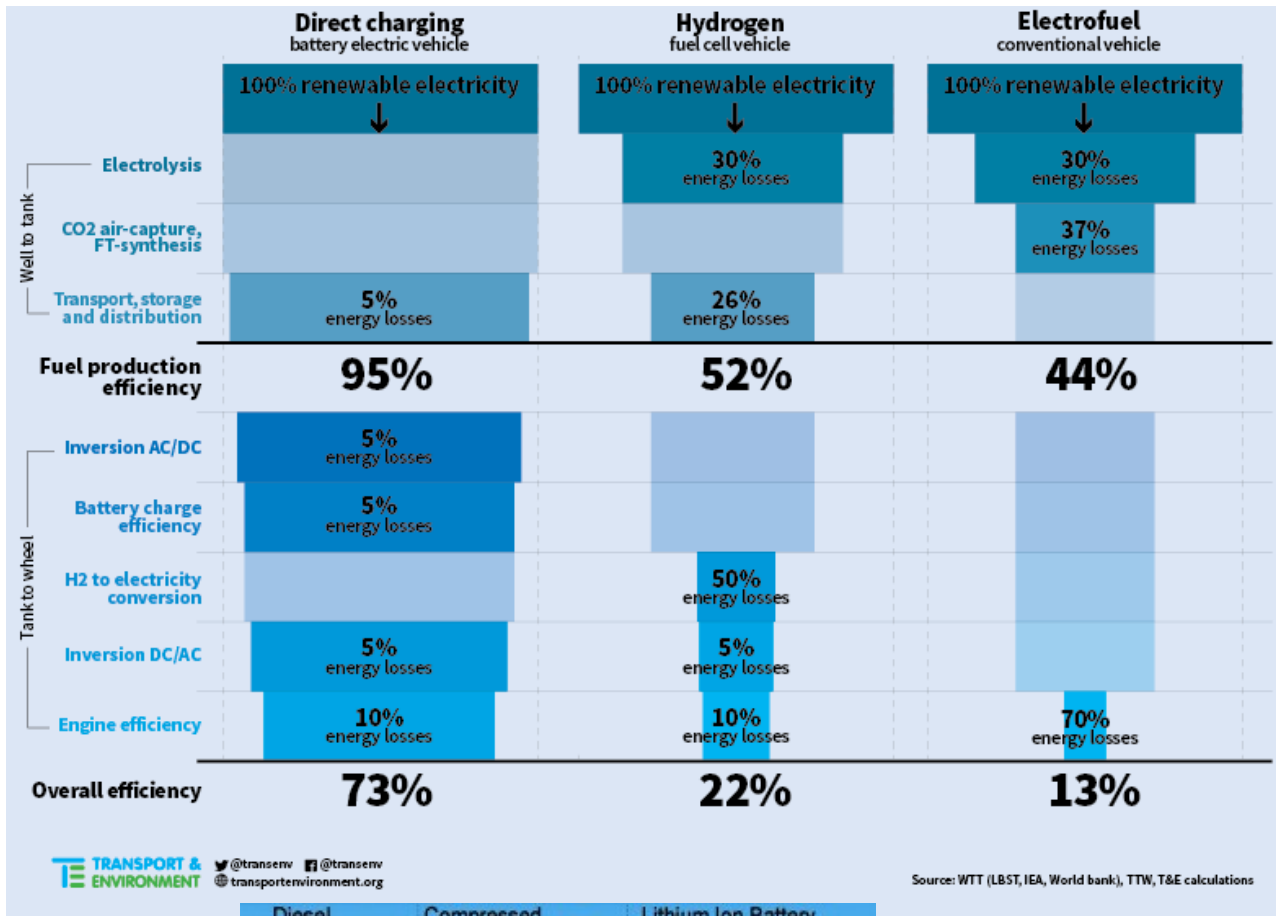


Prioritization of solutions for climate change



From IPCC, 2021: *Climate Change 2021: The Physical Science Basis*.
<https://www.consilium.europa.eu/fr/infographics/fit-for-55-refueeu-and-fueeu/>

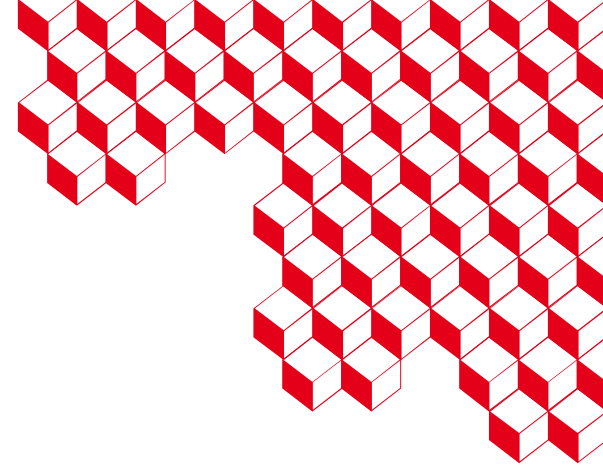
Efficiency of different pathways



Carbon molecules will be needed in sectors where we don't have other choice → non-fossil sources of carbon molecules
Where low carbon electricity is available



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Thank you

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