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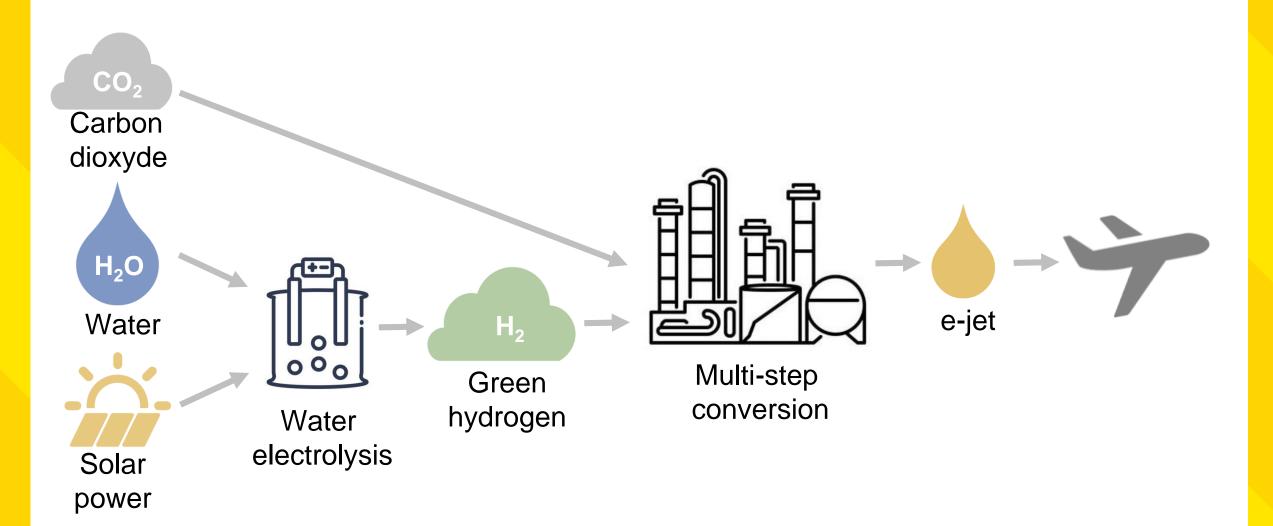


Shapping the future: renewable fuels and chemicals from solar energy

June 2022

Overarching goal, concept and/or main results:

Establish a demonstrator plant at Masdar city to explore the development of e-jet and and its use by major commercial airline.



for the project. CO Carbon dioxyde H<sub>2</sub>O e-jet Water  $H_2$ Multi-step Green conversion hydrogen Water electrolysis Solar power

The most performant technology cascade among the most mature is selected for the project.

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Target: First operational project in industrial environment (TRL 7) of production of e-jet & its use by major commercial airlines.

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# Any other remark?

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