



Power-to-X: A concept beyond hydrogen

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Torsten Schwab | International PtX Hub Berlin

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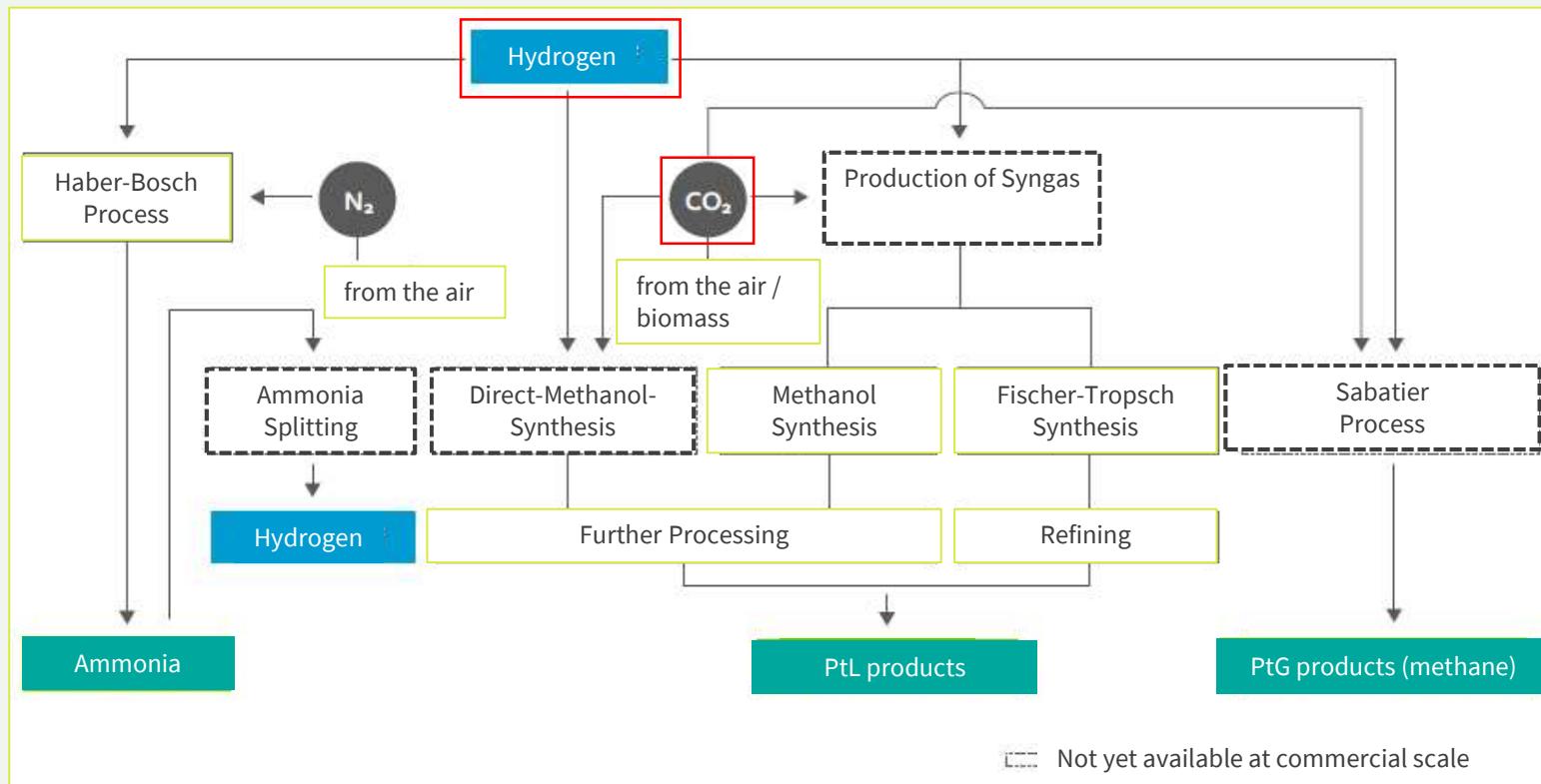
On behalf of:



of the Federal Republic of Germany



Power-to-X – the main stream illustration



Source: Adapted: SRU, Wasserstoff im Klimaschutz: Klasse statt Masse, 2021, p.23/Abb.5.

Power-to-X – what we really want



Renewable
Power

to

X

... without
fossils



anything we need

Fossil fuels

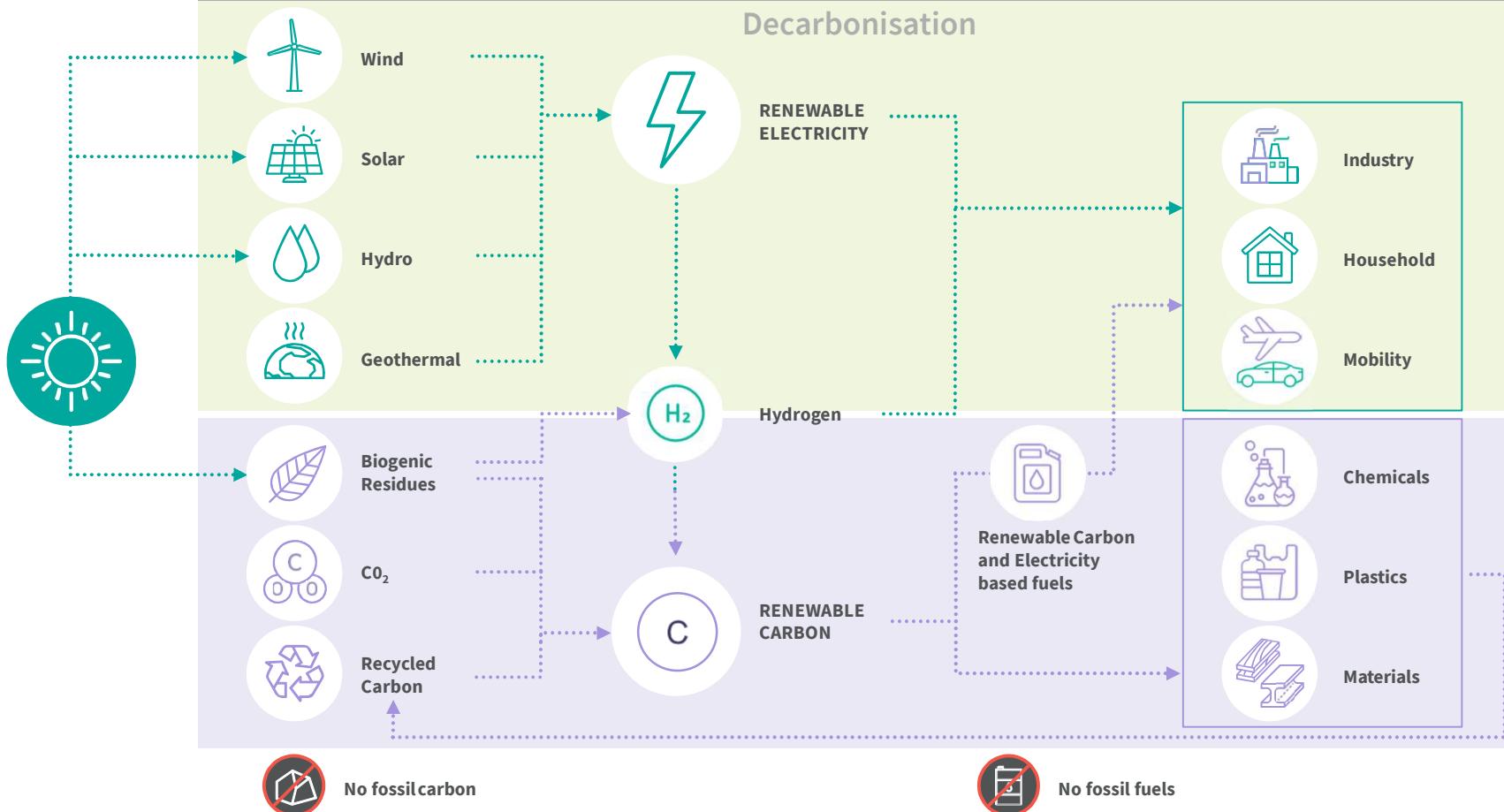
Fossil carbon

Power-to-X – The concept beyond hydrogen



On behalf of:
Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety
of the Federal Republic of Germany

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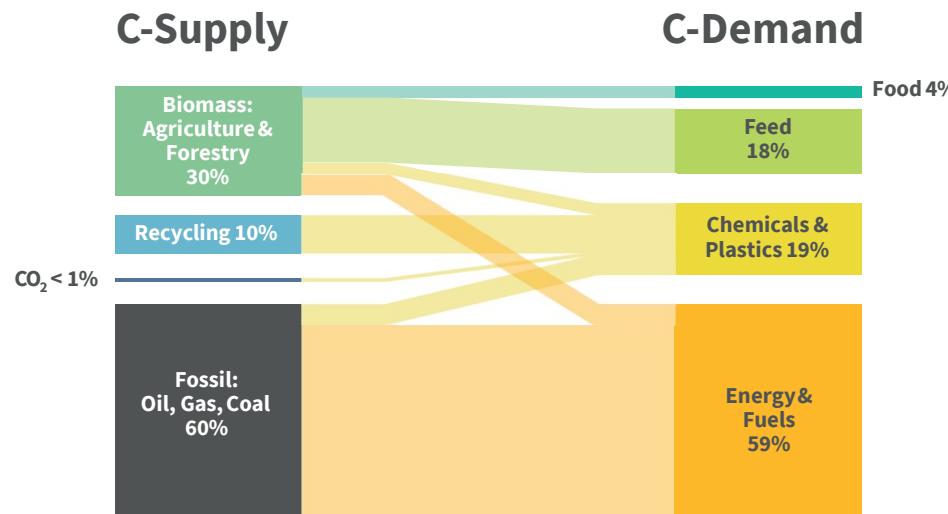
Power-to-X – focus on the relevant element



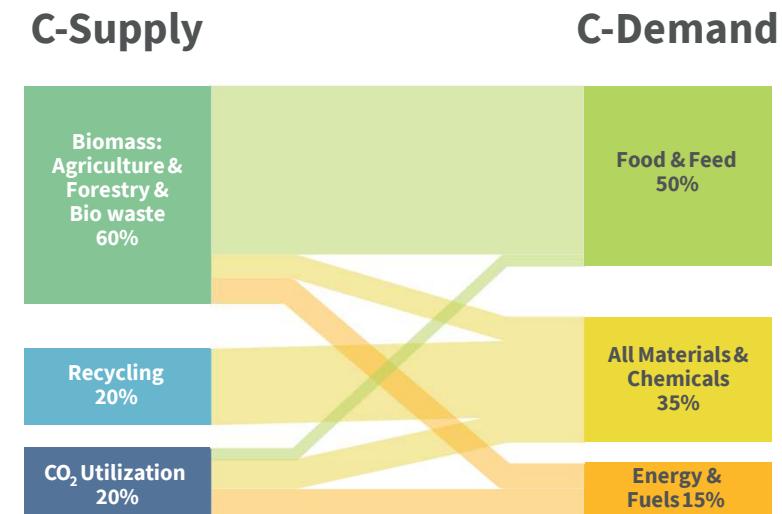
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World C-flows today



World C-flows 2050 electric mobility + no fossil



Let's defossilise!

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