
Renewable Synthetic Fuels

THE **KEY** TO A
SUSTAINABLE
ENERGY **FUTURE**



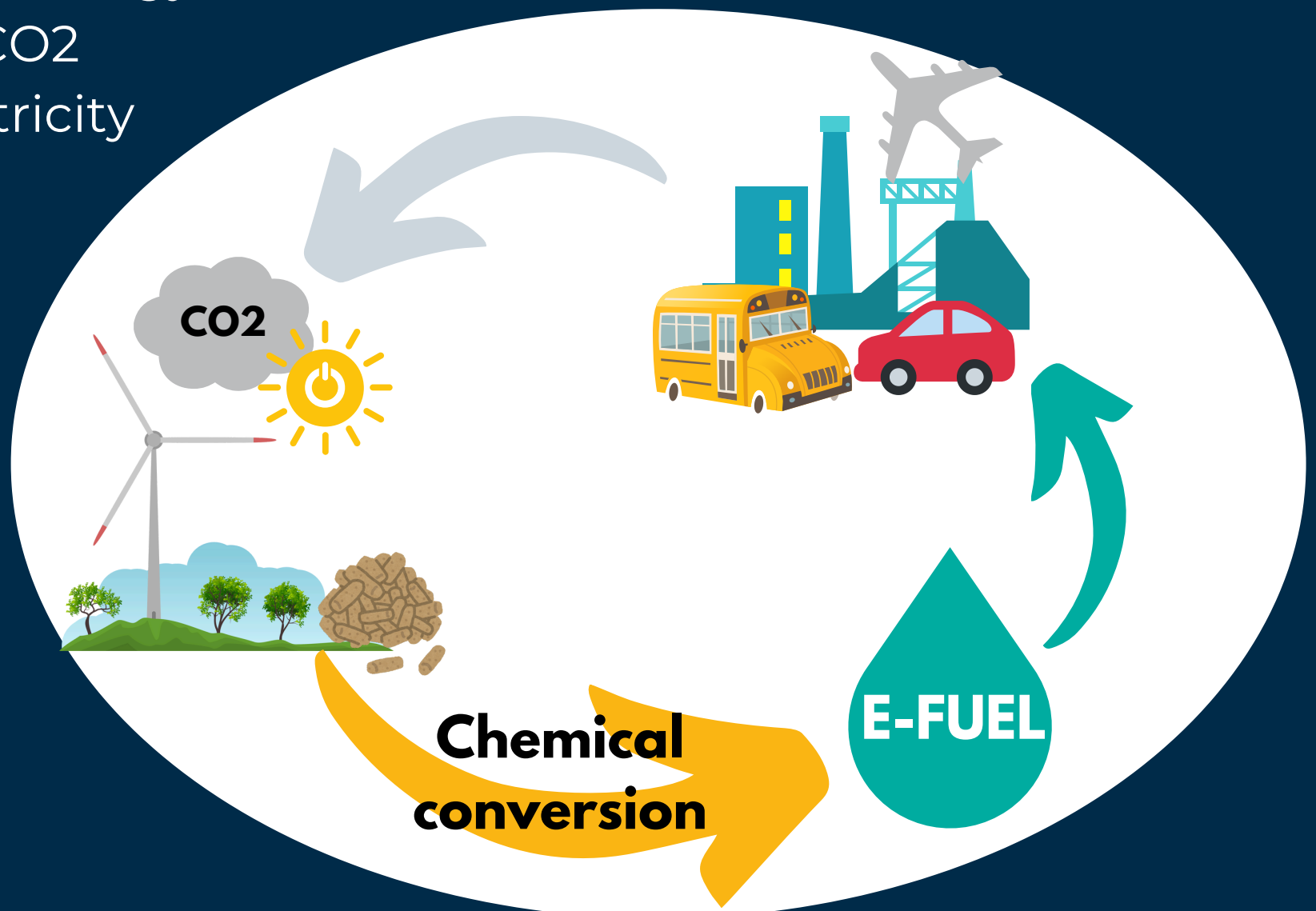
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→ WHAT ARE THE RENEWABLE SYNTHETIC FUELS (RSF)?

RSFs are an environmentally friendly **alternative to fossil fuels.**

Produced from:

- + Renewable energy sources,
- + Captured CO₂
- + Green electricity



→ BENEFITS



Produced from renewable sources



Sustainability. Closure of carbon cycle



Emissions Reduction



Versatility

→ EXAMPLES OF RSF



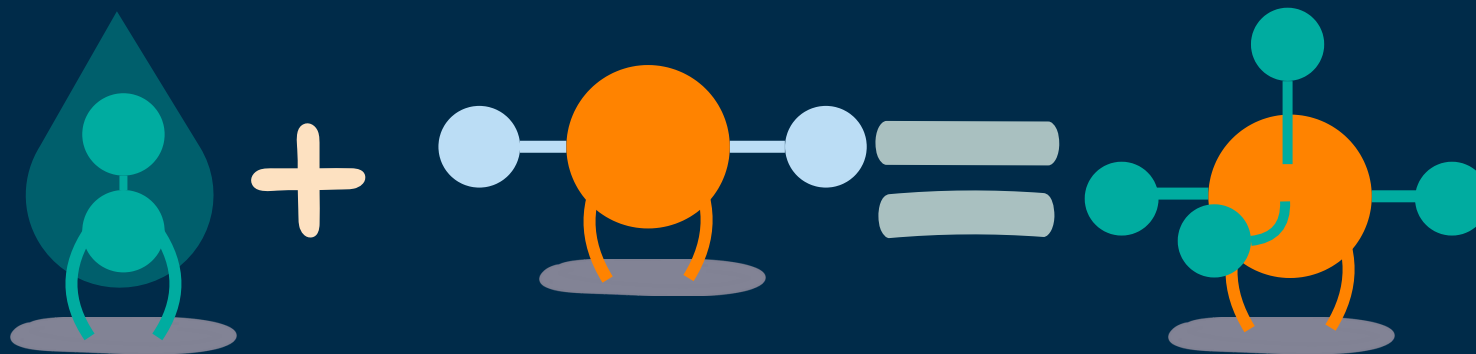
Green Hydrogen:

Water + Electricity from renewable energy sources



Synthetic Methane:

Green Hydrogen + CO₂



Ammonia

Nitrogen + Green Hydrogen



→ HOW IMPORTANT ARE RSFS IN THE GLOBAL ENERGY MATRIX?



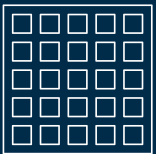
Decarbonizing hard-to-electrify sectors



Energy storage



Substitution of finite resources



Energy matrix diversification



Economy and employment



Technology development



International Collaboration



ARE YOU **CURIOUS** ABOUT
HOW **RSF** ARE CHANGING
THE FUTURE OF HARD-TO-
ABATE INDUSTRIES AND
HOW **ENCODING** WILL
HELP?

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