

Production of Electricity with hydrogen from fossil fuels

Conventional production of Hydrogen

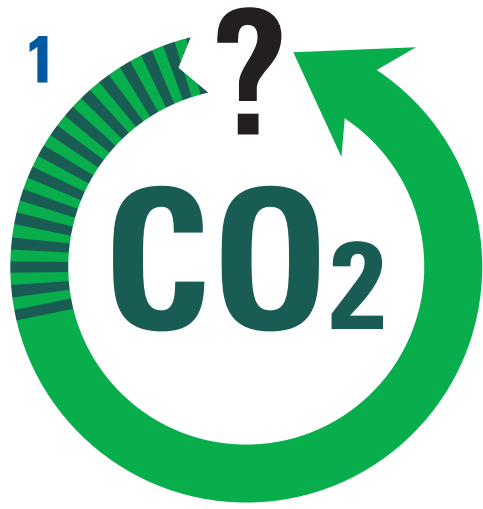
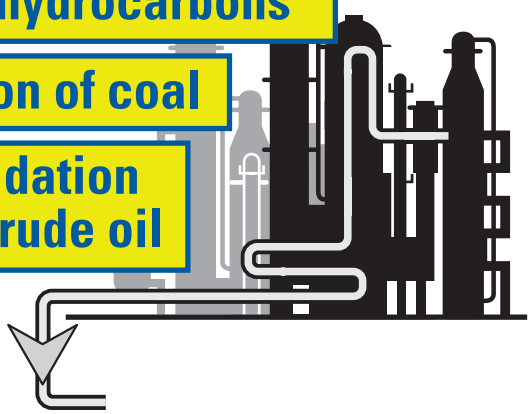
The use of fossil fuel
to produce hydrogen
creates CO₂ emissions.

Reformation of
natural gas

Reformation of methanol
and other hydrocarbons

Gasification of coal

Partial oxidation
of heavy crude oil



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Source: Own Research



Latest update: 16.11.07

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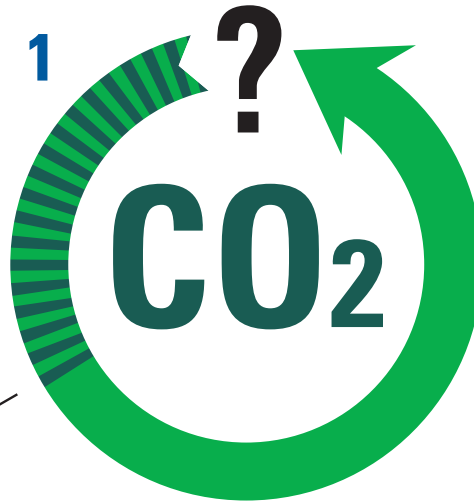
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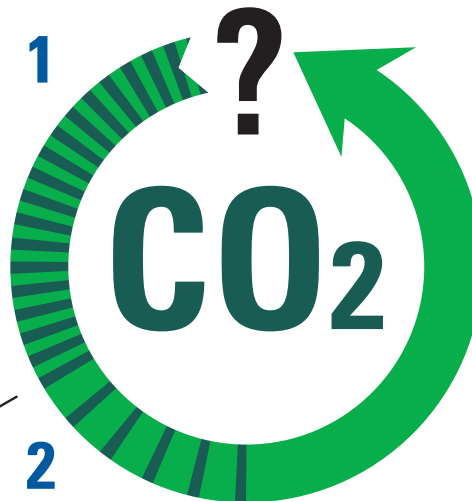
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Hydrogen storage efficiency: – still a challenge



Storage

H₂

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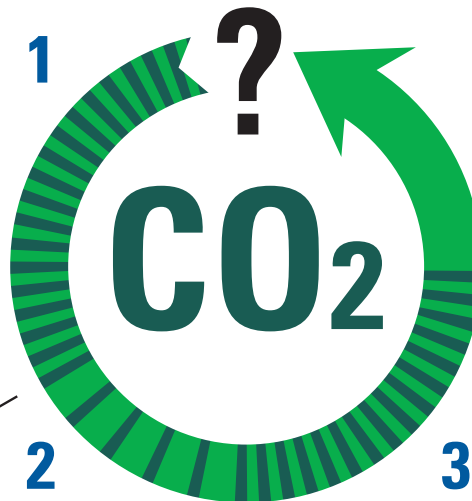
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Transport

Transport of hydrogen causes air pollution and losses

Storage

Hydrogen

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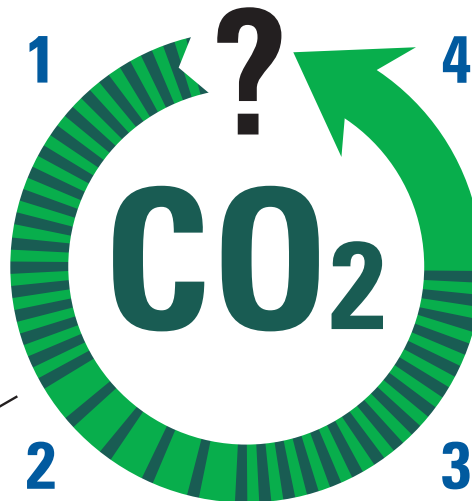
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FUEL CELL

Production of electricity from hydrogen without emissions

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