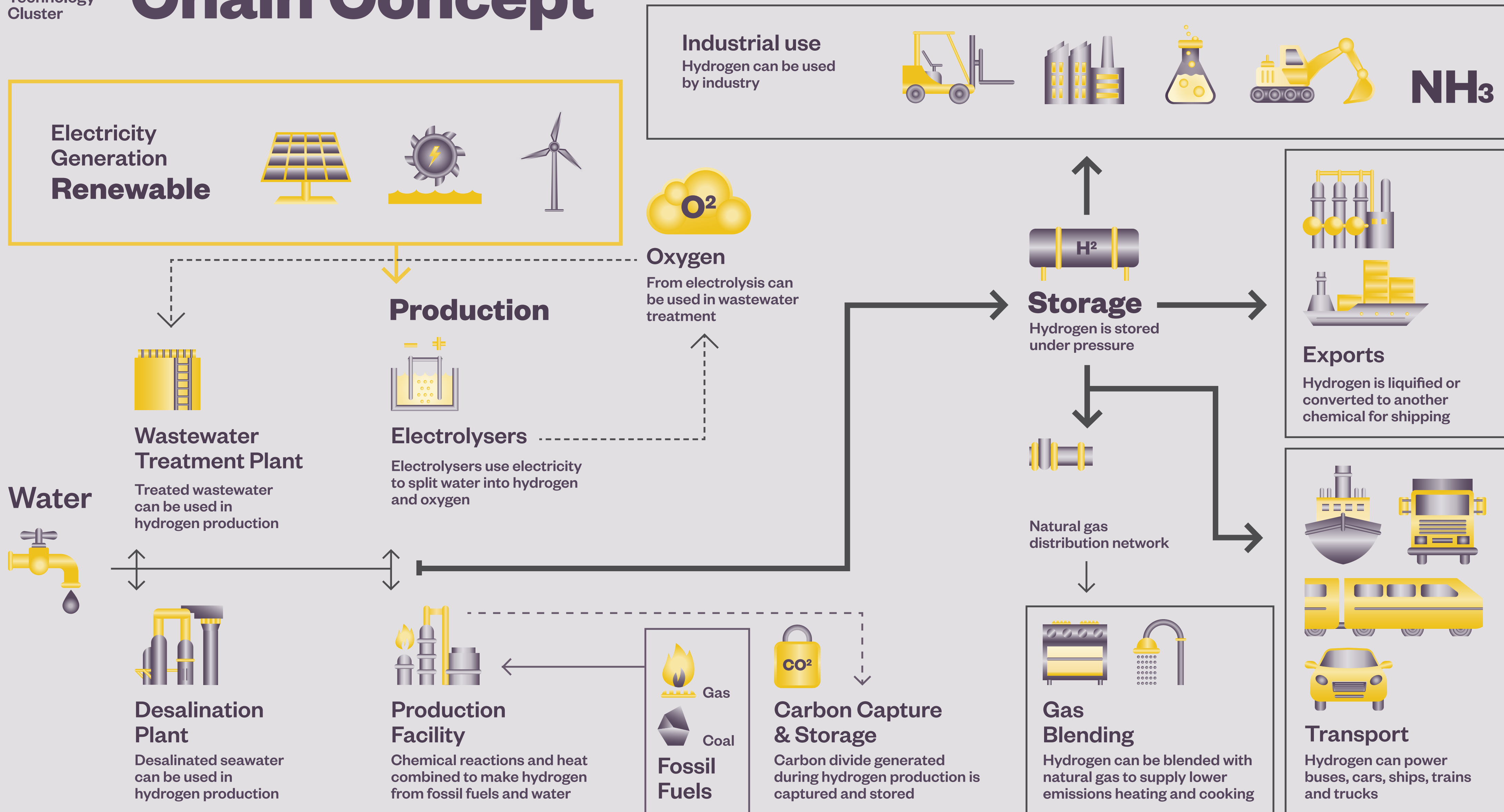
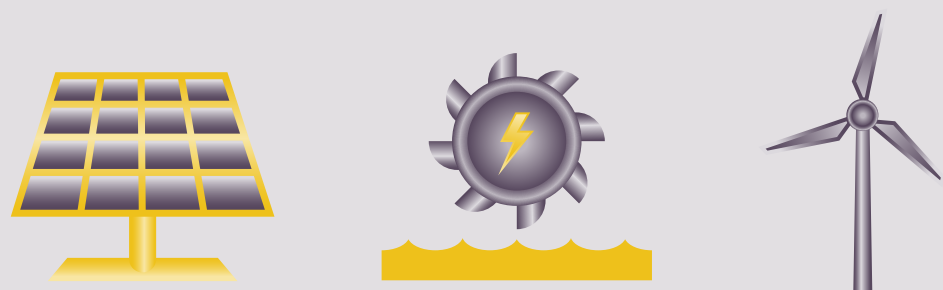


The Hydrogen Supply Chain Concept



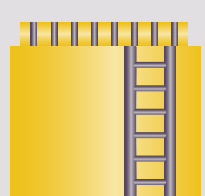
**Electricity
Generation
Renewable**



Industrial use
Hydrogen can be used
by industry

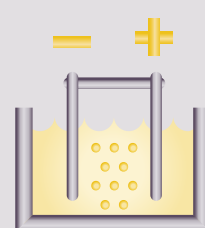


Production



**Wastewater
Treatment Plant**

Treated wastewater
can be used in
hydrogen production

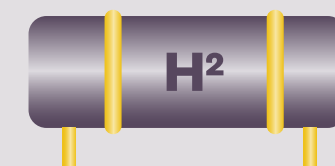


Electrolysers

Electrolysers use electricity
to split water into hydrogen
and oxygen

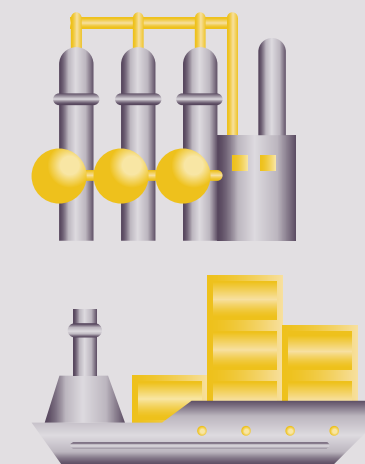


Oxygen
From electrolysis can
be used in wastewater
treatment



Storage

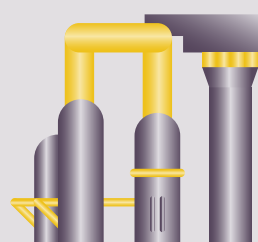
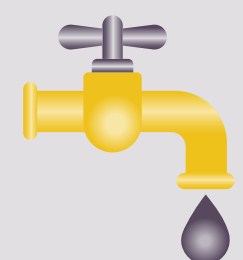
Hydrogen is stored
under pressure



Exports

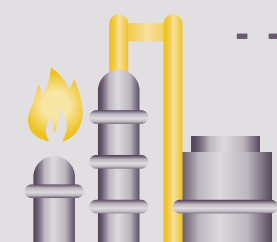
Hydrogen is liquified or
converted to another
chemical for shipping

Water



**Desalination
Plant**

Desalinated seawater
can be used in
hydrogen production



**Production
Facility**

Chemical reactions and heat
combined to make hydrogen
from fossil fuels and water

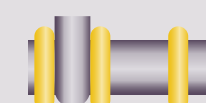


**Fossil
Fuels**

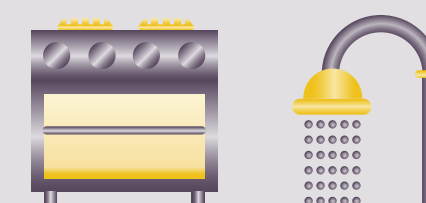


**Carbon Capture
& Storage**

Carbon dioxide generated
during hydrogen production is
captured and stored

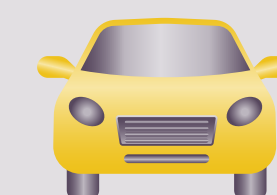
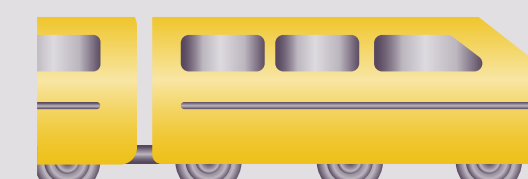
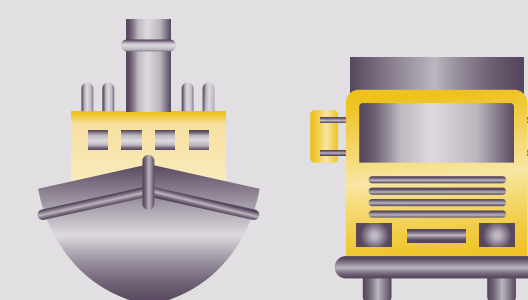


**Natural gas
distribution network**



**Gas
Blending**

Hydrogen can be blended with
natural gas to supply lower
emissions heating and cooking



Transport

Hydrogen can power
buses, cars, ships, trains
and trucks