



**GREEN LIQUID FUELS OF THE FUTURE**  
and their key role in the Energy Transition

# Next steps for our Industry

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**Repsol 2050**  
**Net Zero Emissions**  
**Commitment**





# Net zero emissions by 2050 commitment

We were the first company in the sector to set this ambitious goal in favor of the planet, and we're now making new and more stringent commitments as part of our roadmap towards decarbonization with our 2021-2025 Strategic Plan.

We will reduce emissions in our production process in addition to contributing to lowering our customers' carbon footprint with low-carbon and carbon-neutral solutions and products thanks to our steadfast commitment to technology and digitalization.



# Three pillars for the transformation

Increase CO<sub>2</sub> reduction

**Supply chain**

New feedstocks

RED II -Annex IX  
Part-A is the new  
Upstream

**Technology**

Conventional and new  
pathways

Hydrotreatment  
Pyrolysis  
Fermentation  
Gasification  
and more

**Regulation**

Higher ambition

A clear & stable  
framework is  
needed to enable  
significant  
investments

# Low-carbon fuels production evolution



Yesterday

Today

Tomorrow

The future

eFuels

Green Hydrogen

Advanced biofuels

Sustainable conventional biofuels

Energy efficiency

Digital

# Low-carbon fuels evolution



Yesterday

**Today**

Tomorrow

The future



**First aviation fuel produced in Spain in Puertollano and Tarragona**

**Know-how on low-carbon fuels for road transport is key for the development of aviation and marine**

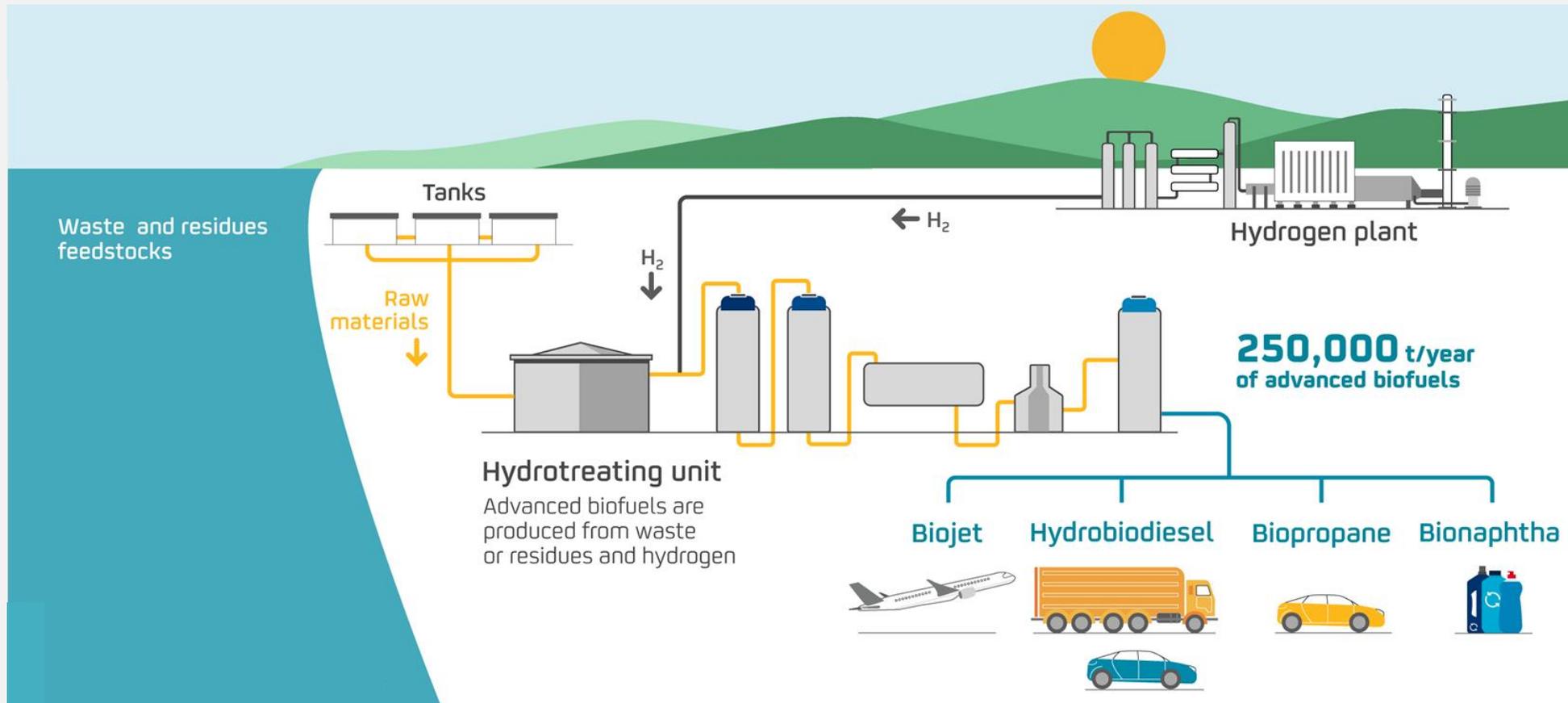
# Low-carbon fuels evolution

Yesterday

**Today**

Tomorrow

The future



## Key components of the future

Yesterday

Today

Tomorrow

**The future**

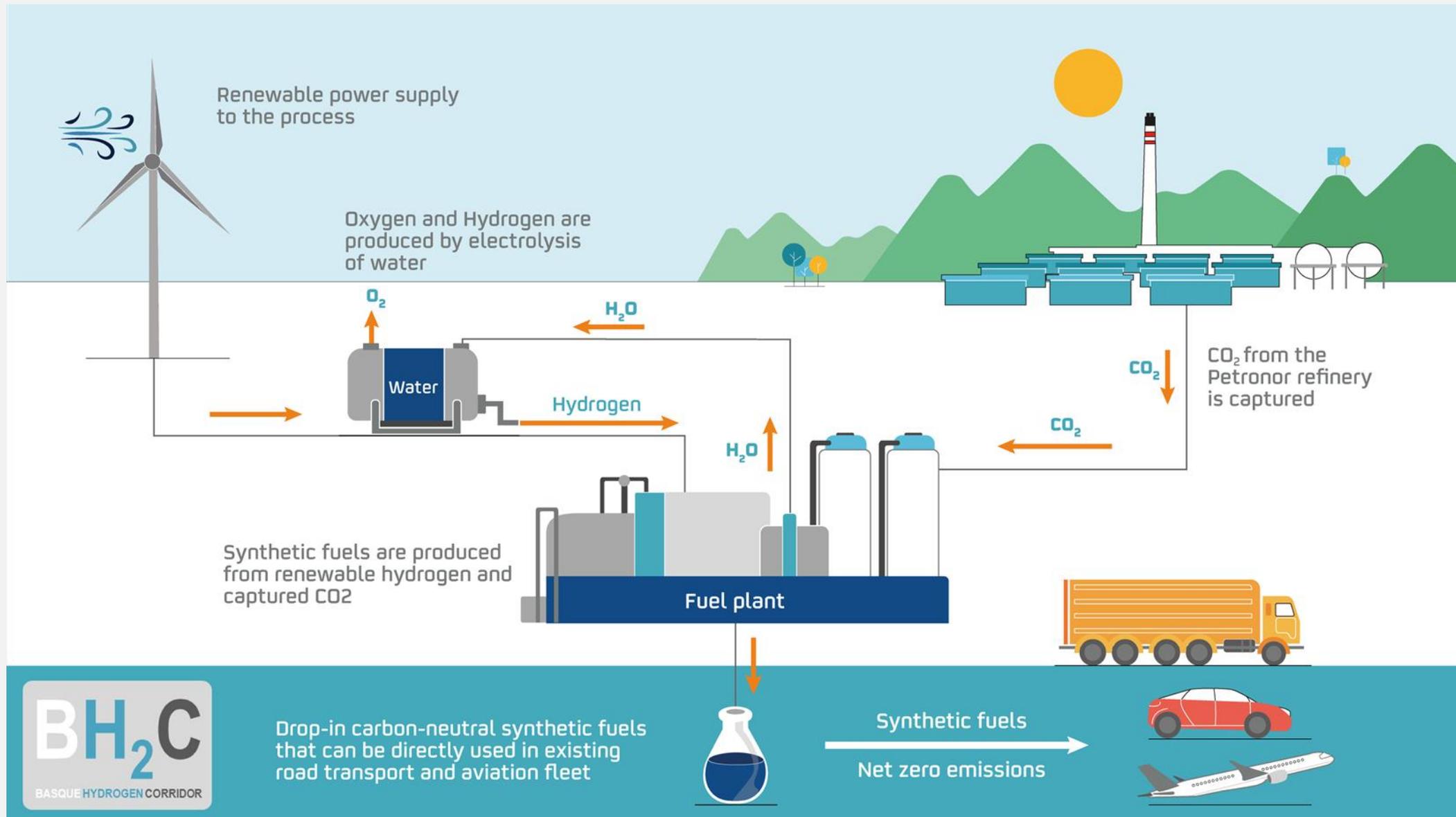
**New technologies emerge and compete**

**Renewable electricity available**

**CO<sub>2</sub> capture is used when needed**

**Renewable Hydrogen as a mainstream utility**

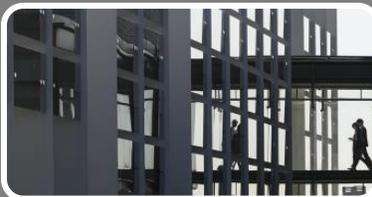
# Let's move fast forward and watch the future



## Regulatory framework as enabler for a timely development of low-carbon fuels



Low-carbon fuels will play a critical role in the energy transition



Key regulatory measures are needed to help the development and deployment of Low-carbon fuels



Taxation can be an important tool to provide strong market signals for the development of Low-carbon fuels



This will allow the new fuels to be available for the progressive decarbonization of aviation and shipping at a later stage

# Ready for the transition



**Financial strength**



**Assets and logistics**



**Way of working**



**Technical knowledge**



**The best team**

We have the vision and the will to be part of the solution





Thank you for your attention



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