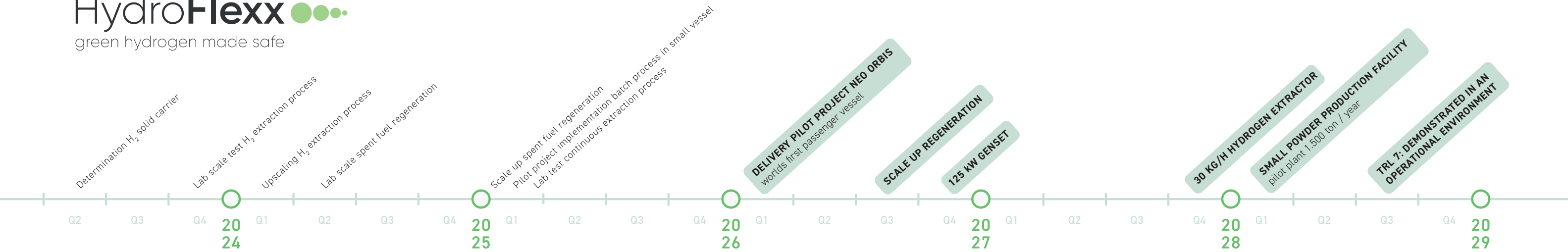


# HydroFlexx

green hydrogen made safe



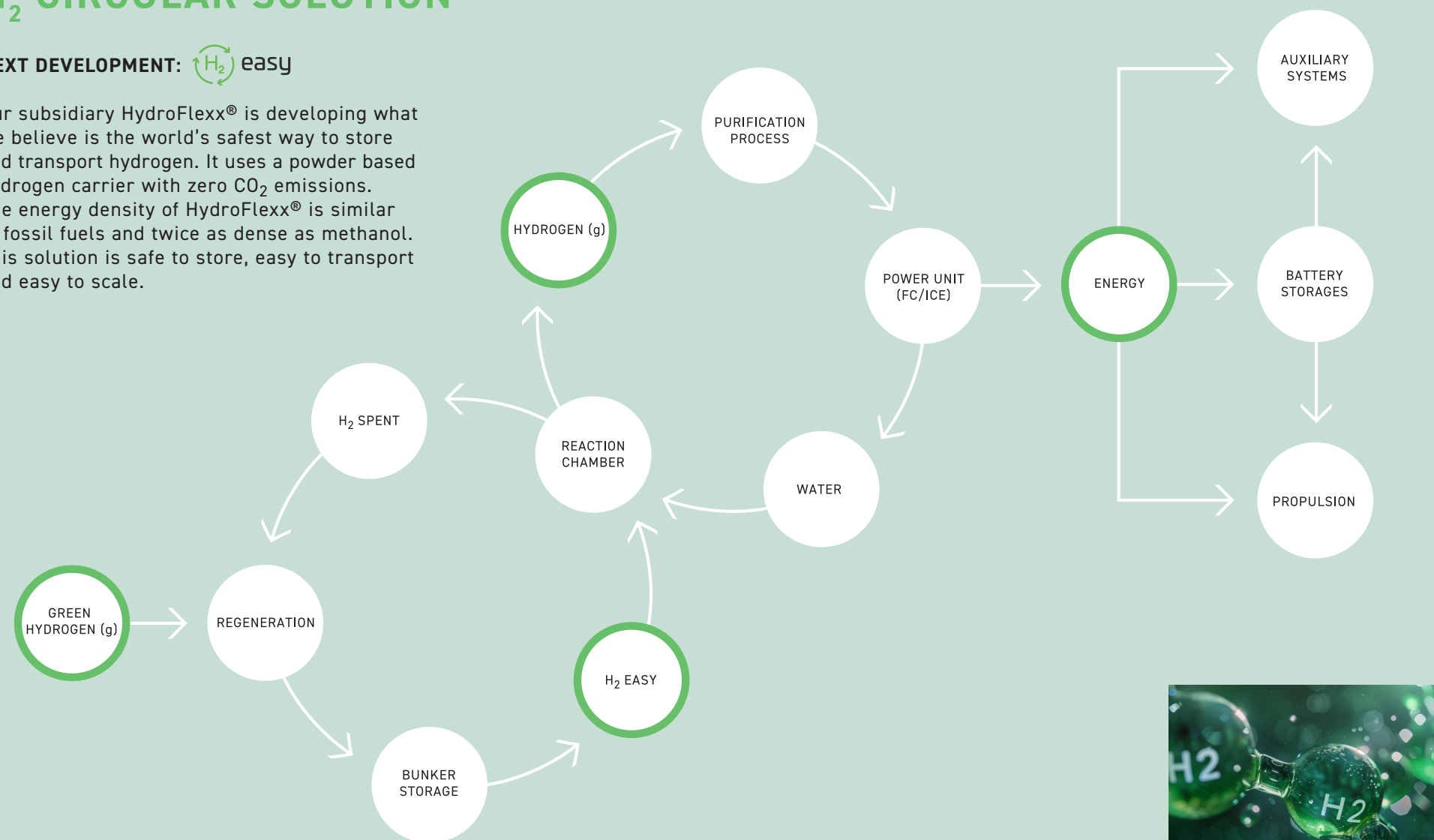
World's safest way to store and transport hydrogen:  easy



## H<sub>2</sub> CIRCULAR SOLUTION

### NEXT DEVELOPMENT: easy

Our subsidiary HydroFlexx® is developing what we believe is the world's safest way to store and transport hydrogen. It uses a powder based hydrogen carrier with zero CO<sub>2</sub> emissions. The energy density of HydroFlexx® is similar to fossil fuels and twice as dense as methanol. This solution is safe to store, easy to transport and easy to scale.



### HOW IT WORKS:

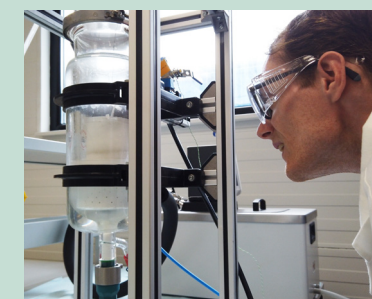
H<sub>2</sub>EASY is a circular hydrogen carrier, which can carry hydrogen efficiently and safely. By adding water to the powder, the hydrogen can be released on the spot.

- 50% will be released from the added water
- 50% will be released from the H<sub>2</sub>EASY

The released hydrogen, which is of high quality, can be used directly for your engine or fuel cell. After the chemical reaction has taken place, the residue will be H<sub>2</sub>SPENT. This can be collected and regenerated for re-use. The result is a fully circular hydrogen carrier, which is also the safest.

### SIX WAYS YOU BENEFIT:

- Over 200kg of Hydrogen per ton of H<sub>2</sub>EASY
- High density storage of 1kg/L
- Similar storage conditions as for fossil fuels
- Existing infrastructure
- World's safest way to store and transport hydrogen
- Circular process





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member of:

**FlexxGroep**  
the power of powder

[www.flexxgroep.com](http://www.flexxgroep.com)