



H2X

ECOSYSTEMS



H2X products

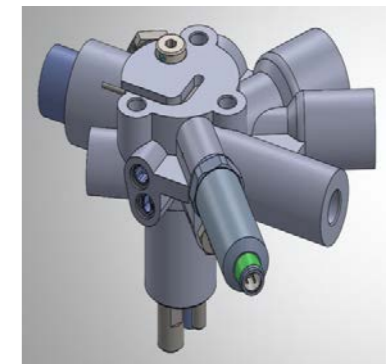
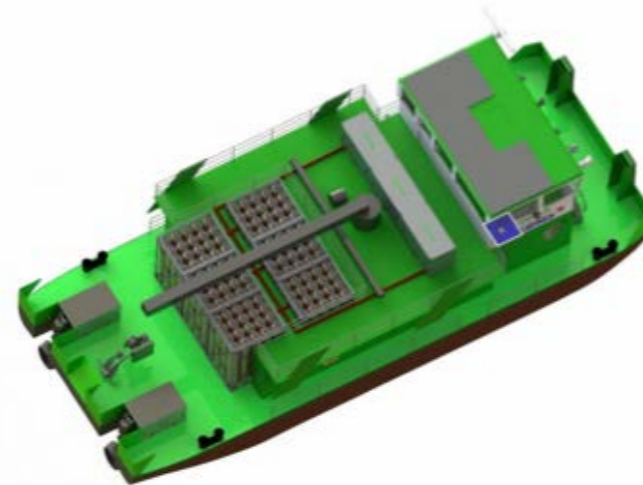
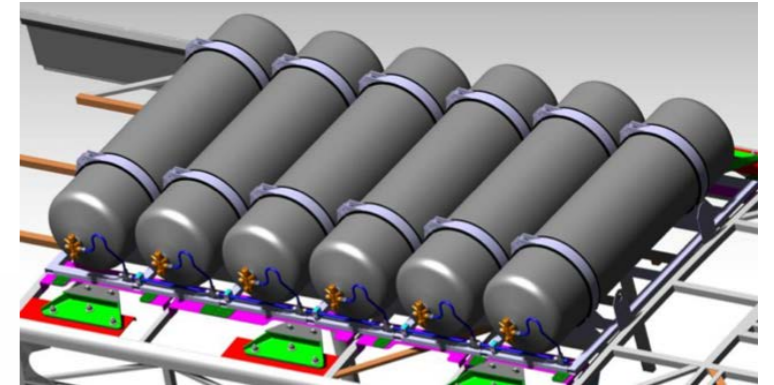
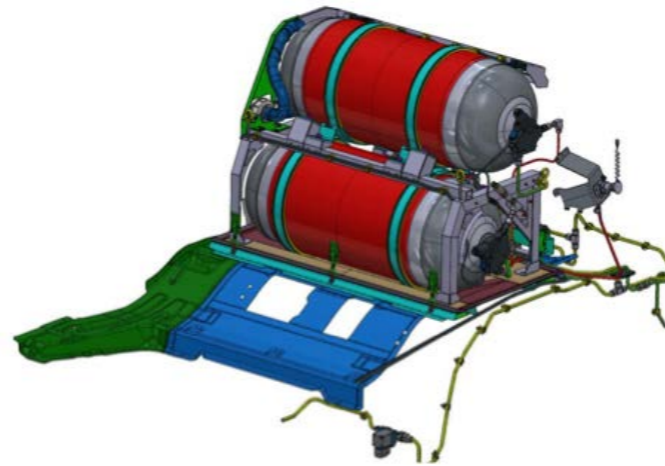


From water to water ...

Electrolysers



Kit H2 for mobility





Batmane : The H2X fuel cell



Characteristics :

- Power : 5 kW
- Linked to solar panels



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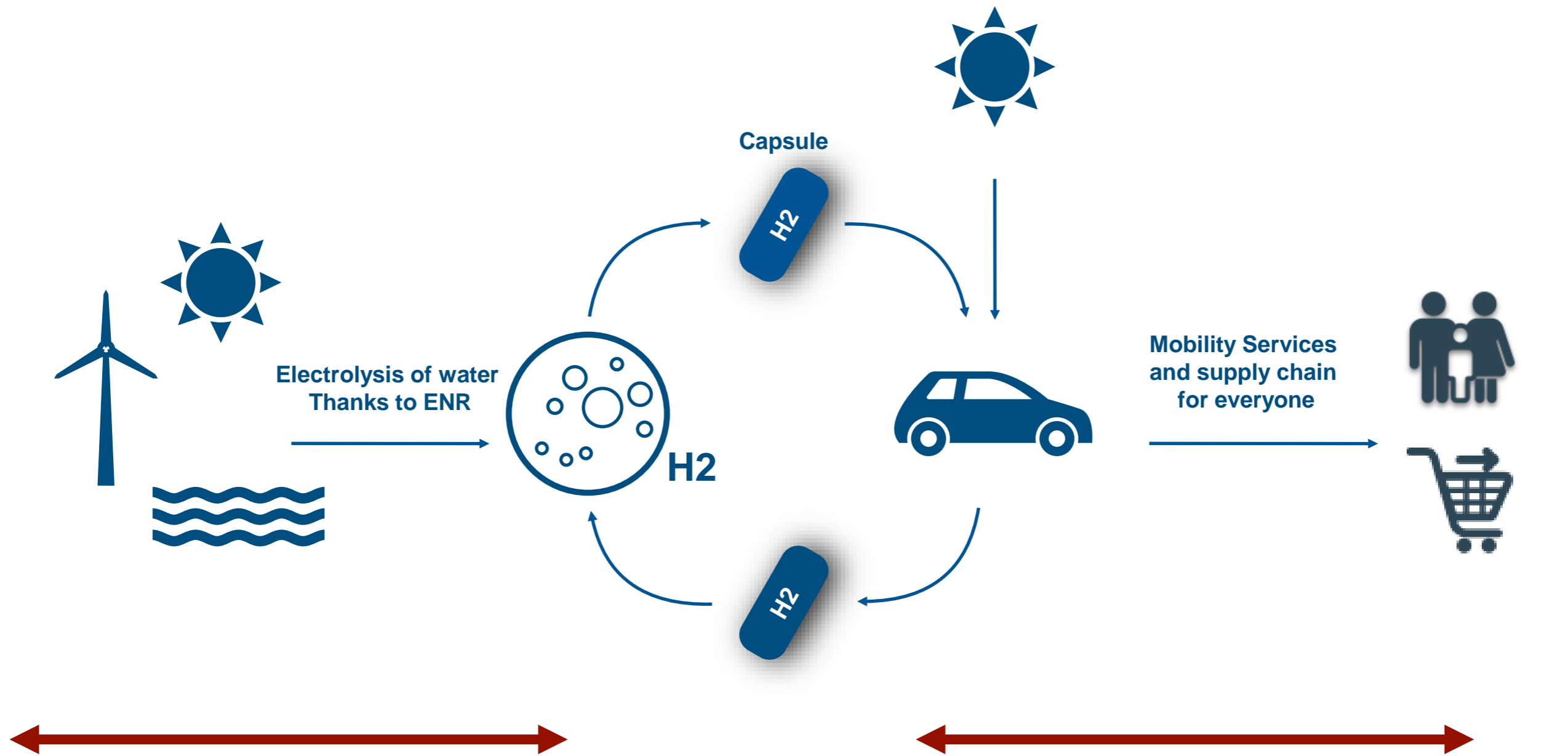




The Ecosystems



The Ecosystems



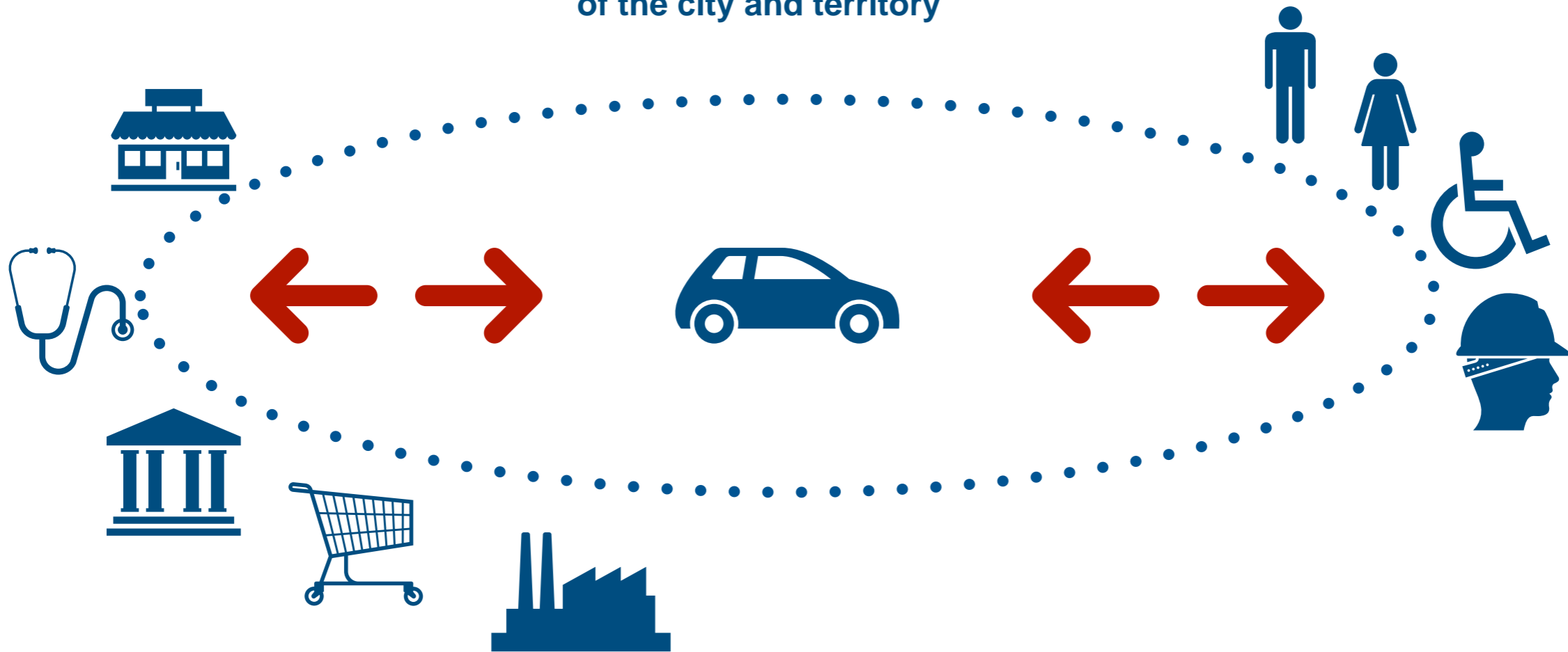
**Hydrogen Production in the City,
In large quantities.**

**Mobility services for all,
by car-sharing or by driver.**



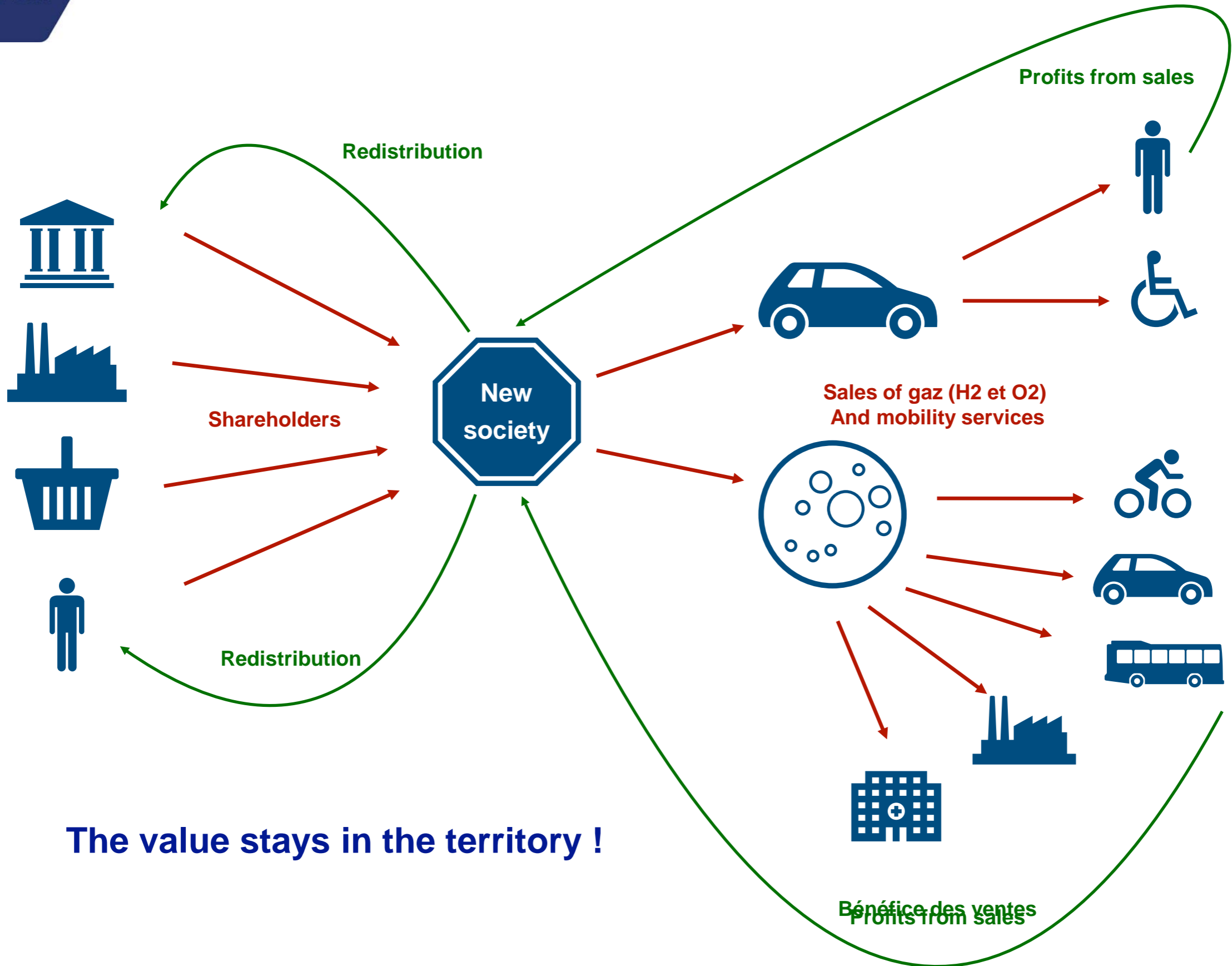
The Ecosystems : platform and applications

The application allows to connect all the actors of the city and territory





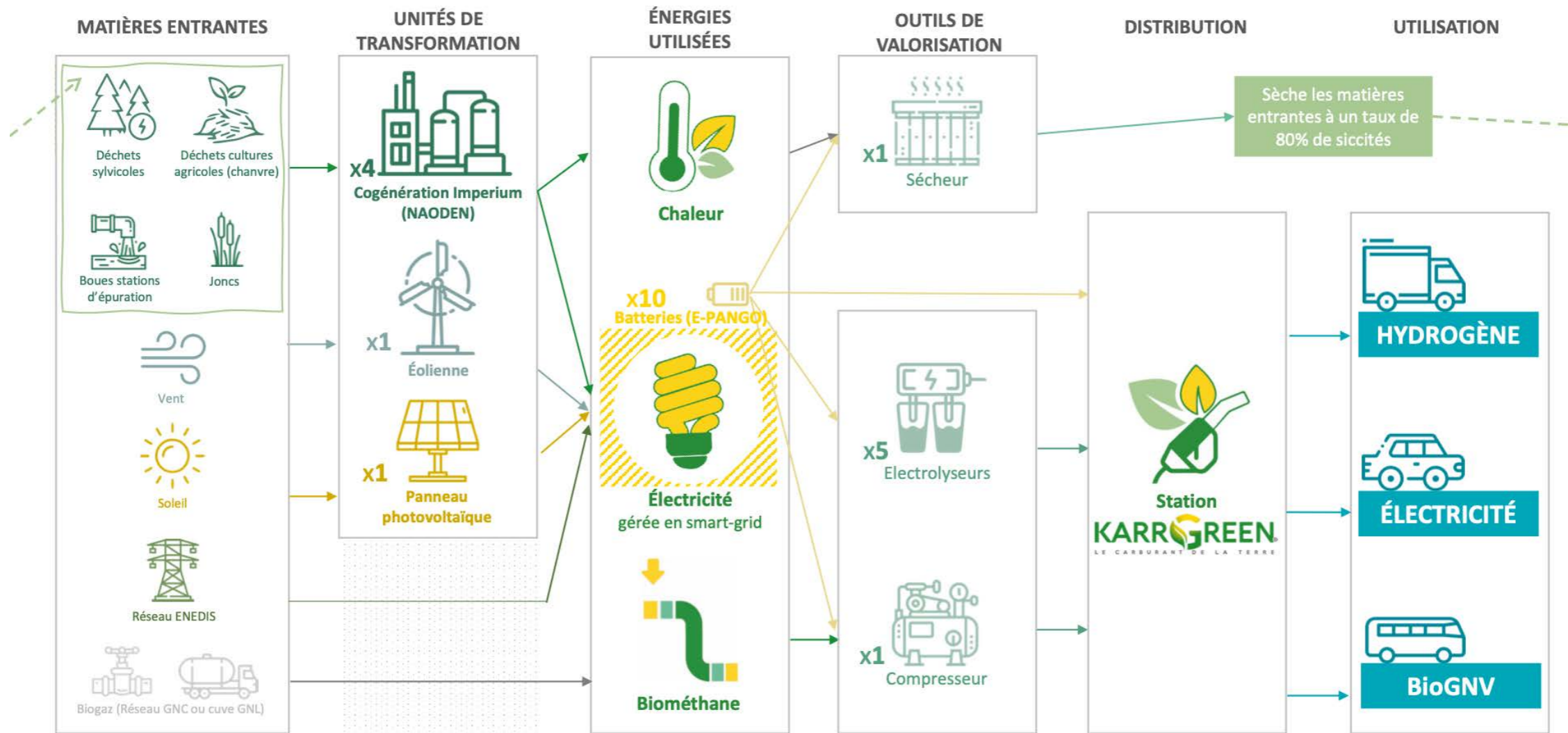
The ecosystem : out to manage and share the value ?



The value stays in the territory !



The Ecosystems : the partners



EnergyY : production et distribution

Mobility : new vehicle or retrofit solution



Research

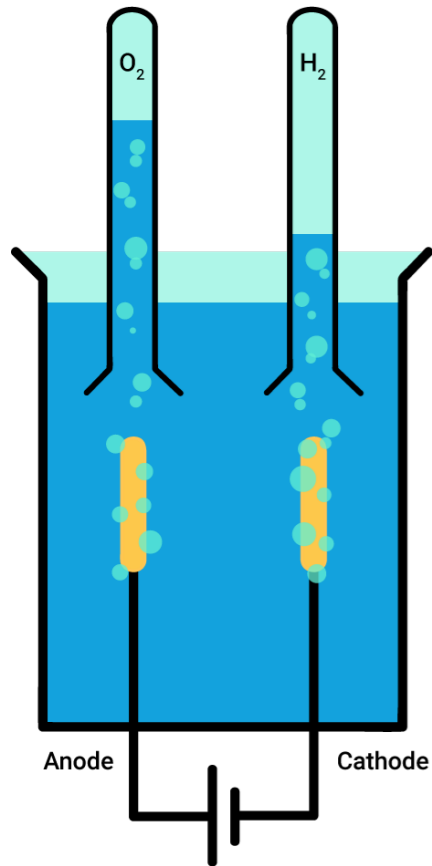


CH2AMELEON : 3D printing electrodes

Objective: to reduce the cost of hydrogen, by reducing the price of electrolysers (CAPEX) and the need for green electricity (OPEX).

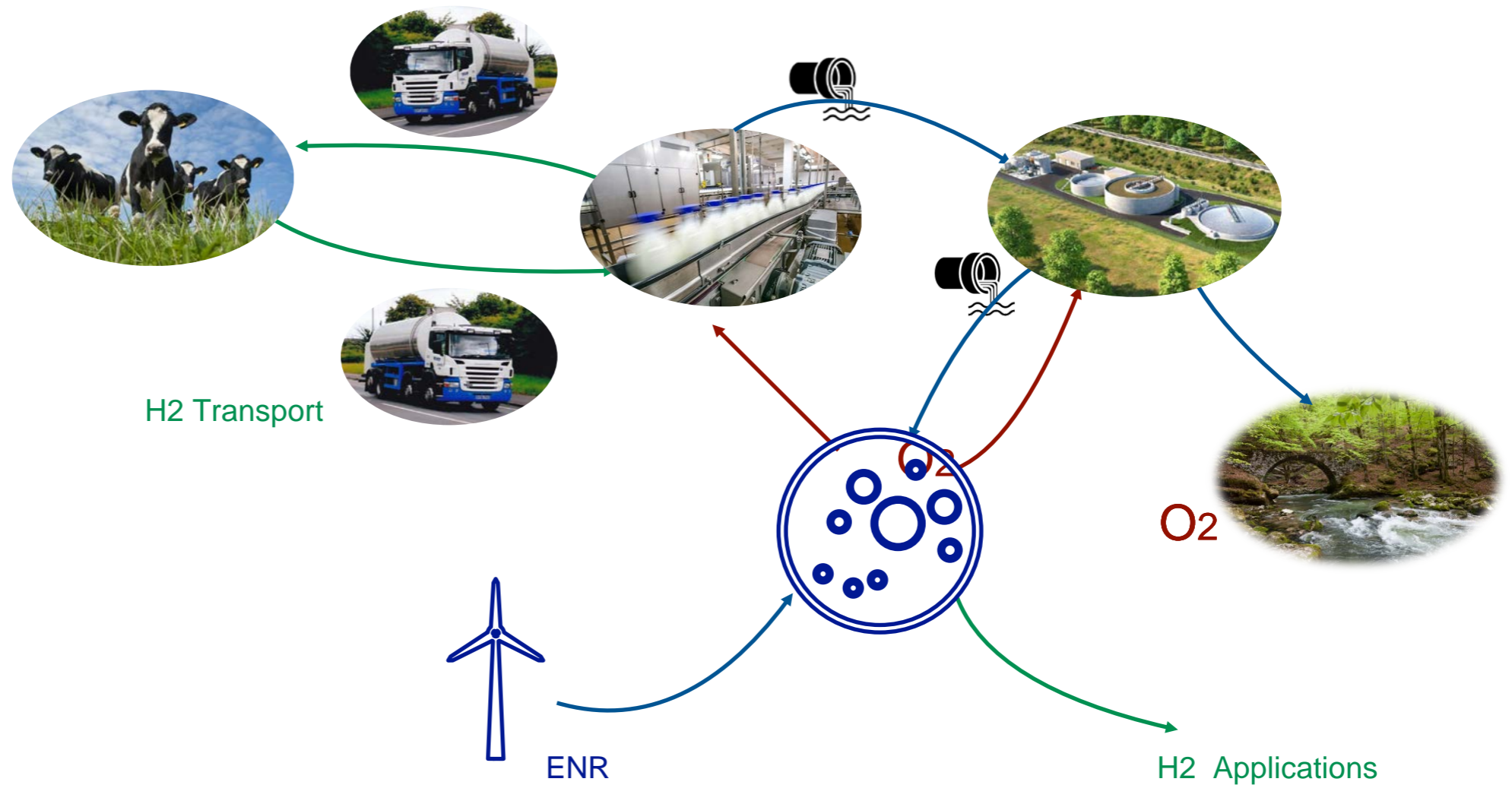
CH2AMELEON:

- Increase in the exchange surface of the electrode
- Checking the reproducibility of the electrode design
- Adaptation of the electrode materials according to the effluents (water, ureas, etc.)





Circular economy with CH2AMELEON



Ecosystem of a dairy with the H2X solution:

- Valorization of effluents in H2 and O2
- H2 Truck
- Positive carbon footprint
- Sale of surplus H2 for other uses
- Reduction of the supplier's carbon footprint by upgrading O2 on site
- Valorization of by-products generated during the electrolysis of effluents (territorial circular economy)



Merci !