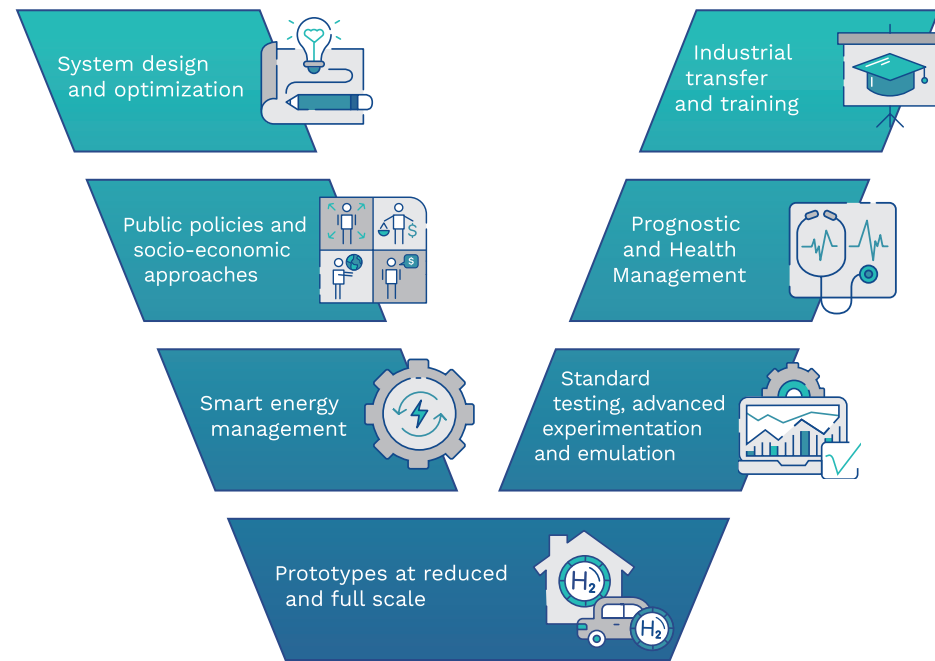
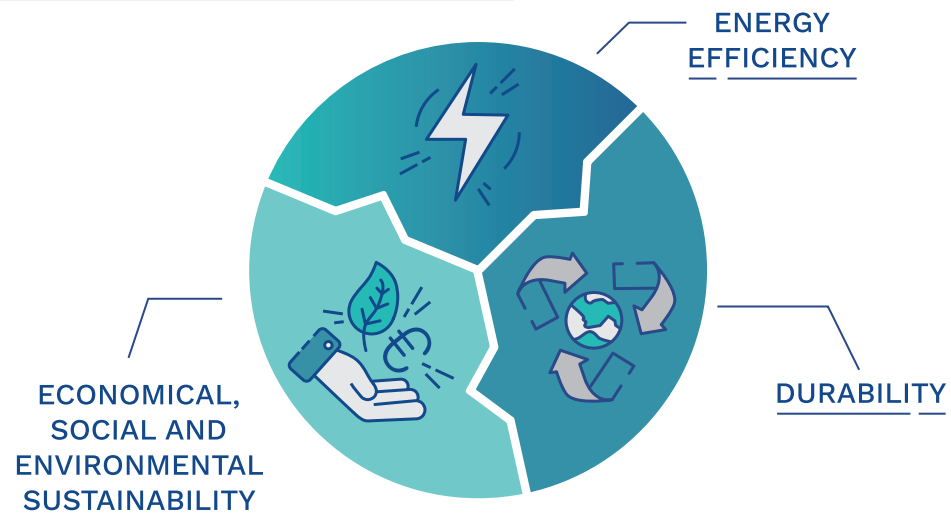


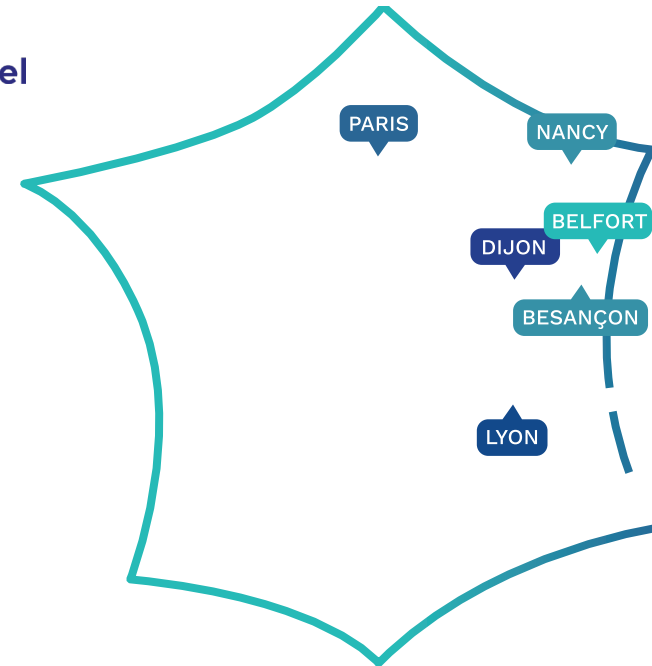
OUR OFFER



OUR SCIENTIFIC TARGETS



PARTNER LABS



PAVE THE WAY FOR H₂ ENERGY



CONTACT US



FC LAB

13, Rue Ernest Thierry-Mieg
90010 Belfort Cedex - France

contact.fclab@utbm.fr
+33(0) 3 84 58 36 00
www.fclab.org



KEY FIGURES

Two decades
of H₂ expertise

5

academic
institutes

6

laboratories
as partners

Human
ressources

140
members

Facilities

600m²
dedicated to
H₂ systems tests

8

test rooms
fully secured for
advanced H₂ testing

Our testing capabilities

PEMFC Stack tests
from **500W to 120kW**

FC System tests
up to **160kW**

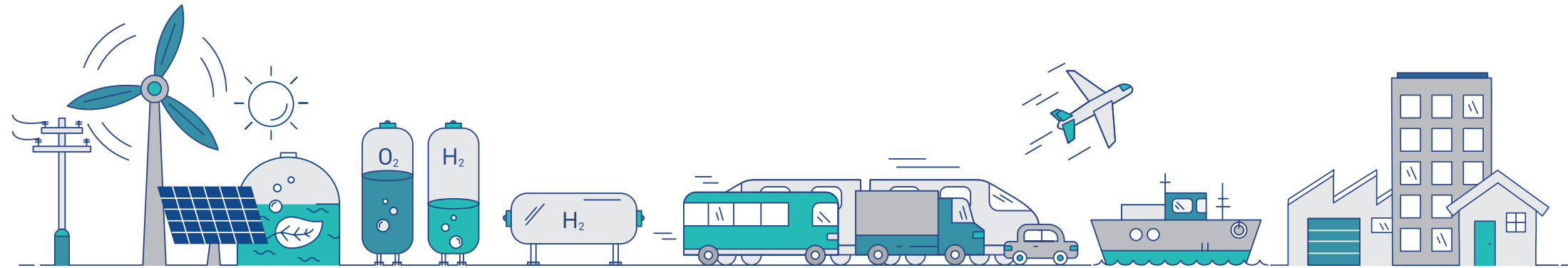
SOFC Cell and Stack test
up to **1kW**

International standards
ISO 9001 / ISO 45001 / ISO 14001

OUR TEAM



OUR COMMITMENT IN THE HYDROGEN VALUE CHAIN



Connected and off-grid applications
Green energies

- Smart micro grids
- Power to gas
- Sizing
- Modeling
- Full scale emulation

H₂ production by PEM electrolyzer

- Experiment on stacks and systems
- Sizing
- Modeling
- Full scale emulation

High or low pressure H₂ storage

- Materials for solid hydride storage
- H₂ tank certification (in partnership with ISTHY)

H₂ for mobility

- Experiment on stacks and systems
- System design and optimization
- Full powertrain design
- Prototyping
- Full scale emulation
- Smart energy management

H₂ for stationary applications

- Experiment on stacks and systems
- System design and optimization
- Smart energy management of electricity, heat and cooling (CCHP)
- Prototyping
- Full scale emulation

