



## MOLECULES AND MATERIALS FOR THE ENERGY OF TOMORROW

<https://www.universite-paris-saclay.fr/fr/momentom#our-project-3385>

### **Adressed challenge/PPP**

- LC-NMBP-28-2020: Advanced materials for innovative multilayers for durable photovoltaics (IA)
- LC-NMBP-29-2019: Materials for non-battery based energy storage (RIA)
- LC-NMBP-30-2018: Materials for future highly performant electrified vehicle batteries (RIA)

EU Brokerage Event on Kets in Horizon 2020  
Strasbourg, 17th October 2017

# Who we are

- 26 laboratories from University Paris Saclay





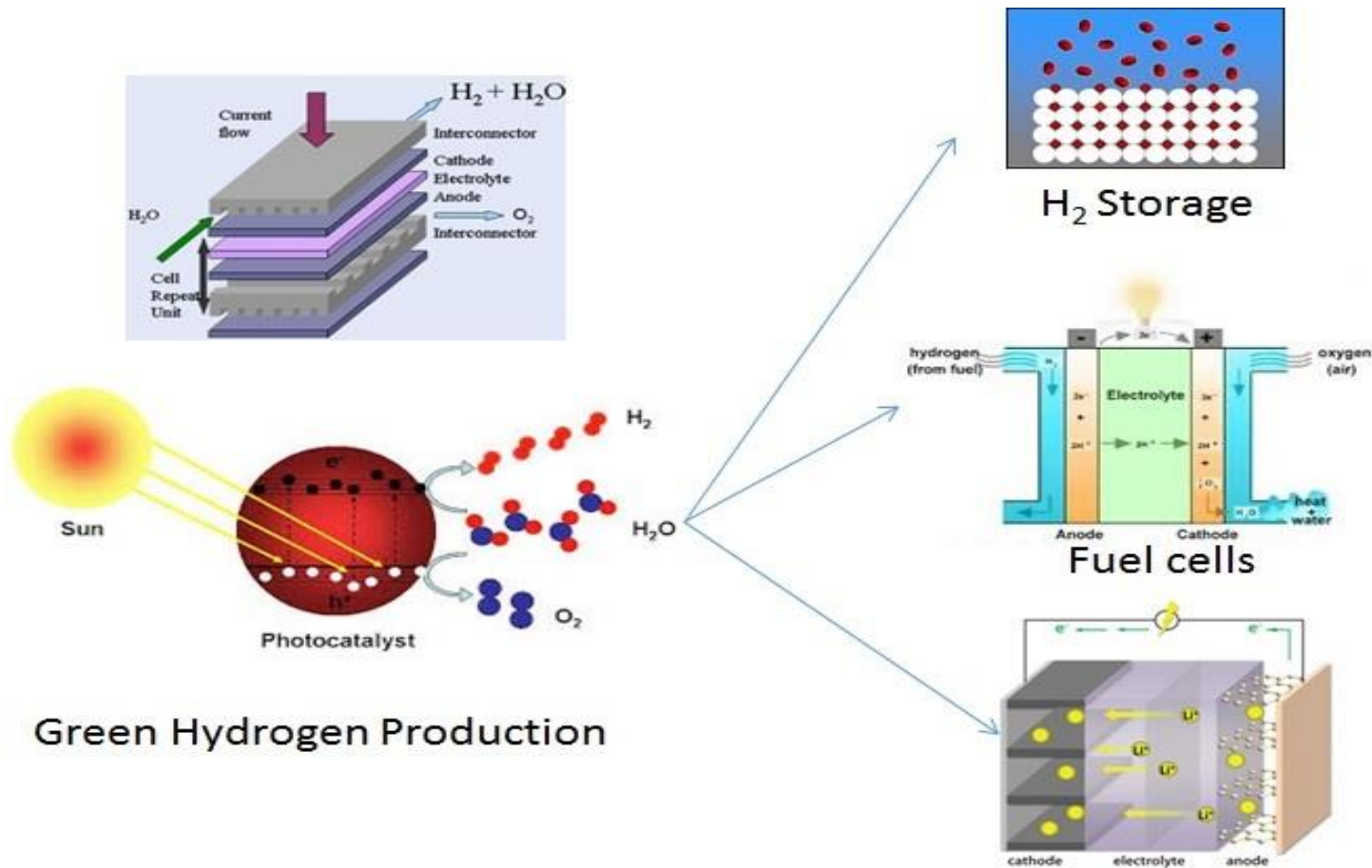
## Skills

- Nanomaterials for photocatalysis ([LCP/Univ Paris Sud](#))
- Artificial photosynthesis and fuel cells ([ICMMO/Univ Paris Sud](#))
- New materials for high temperature Solid Oxide Cells ([SPMS/CentraleSupélec](#))
- Hybrid perovskites for opto-electronics ([LAC/ENS Paris Saclay](#))
- Hydrogen storage by adsorption in organic framework materials ([ENSTA ParisTech](#))
- Bio-inspired photocatalysts ([I2BC/CEA Saclay](#))
- Conducting polymers and nanocomposites with carbon nanotubes and graphene ([PPSM/ENS](#))
- Porous silicon, amorphous semiconductors, surfaces ([PMC/Ecole Polytechnique](#))
- Economy of the energy transition ([CERC/UVSQ](#), [Polytechnique](#) and [EPEE Evry](#))

## Applications

- SOFC and PEFC,
- Solar fuels, Hydrogen production and storage
- Electrochemical batteries
- Supercapacitors

# Competence offer



# Contact details

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