



<https://cumin.univ-lille.fr/>

# Campus of University with Mobility based on Innovation and carbon Neutrality

## Annual workshop 2025



Pr. A. Bouscayrol  
(ST, L2EP)



Pr. E. Castex  
(SHS, TVES)



# E-mobility for GHG reduction ?

**In 2020**

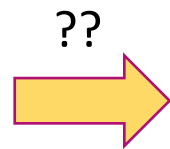
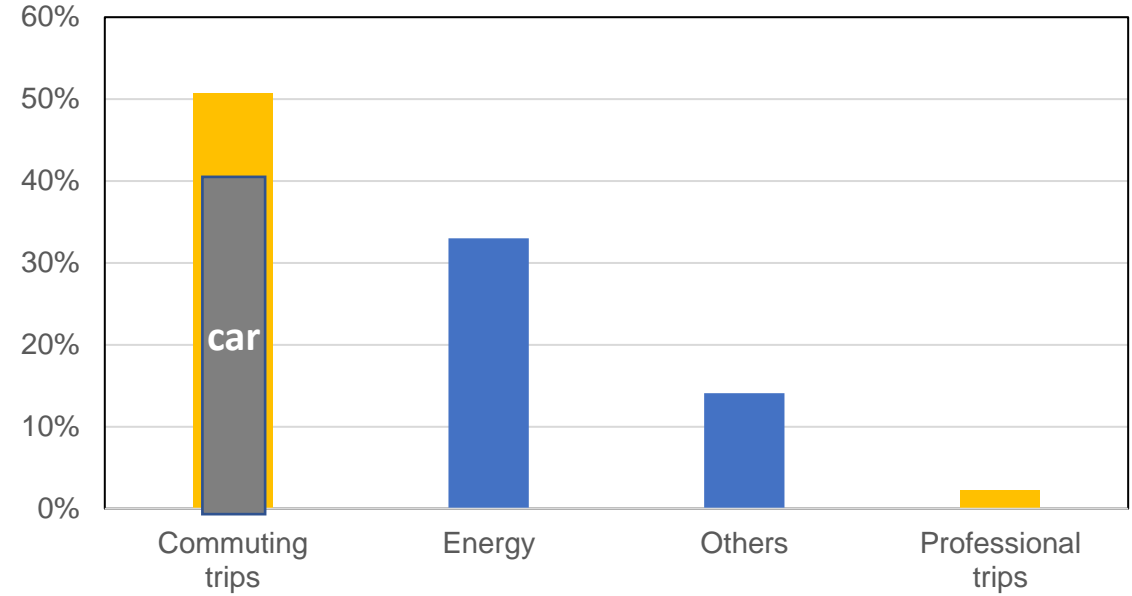
74 000 students

7 000 staff members

Green House Gases (GHG) 52 000 tons CO<sub>2</sub>eq

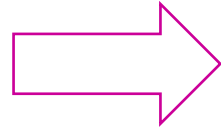


CO<sub>2</sub> equivalent

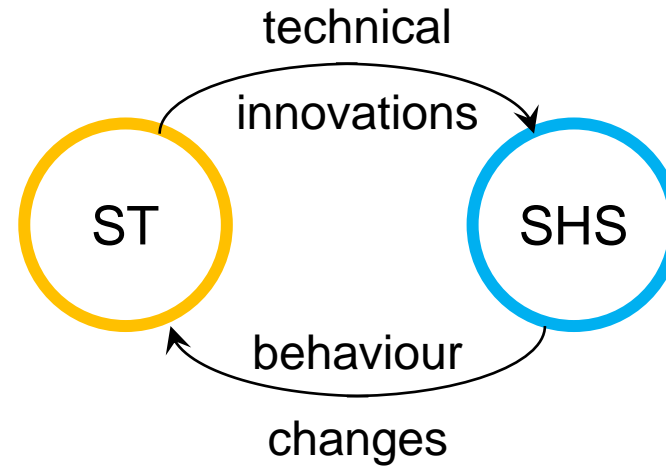


# Interdisciplinary programme

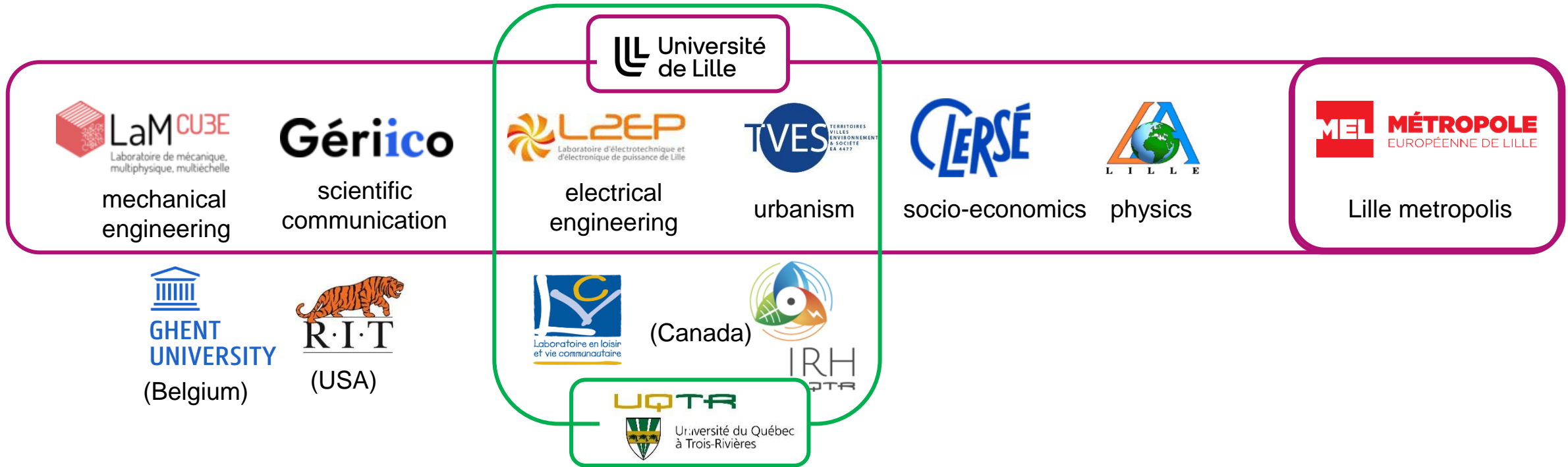
**C**ampus of  
**U**niversity with  
**M**obility based on  
**I**nnovation and  
**N**eutrality in carbon



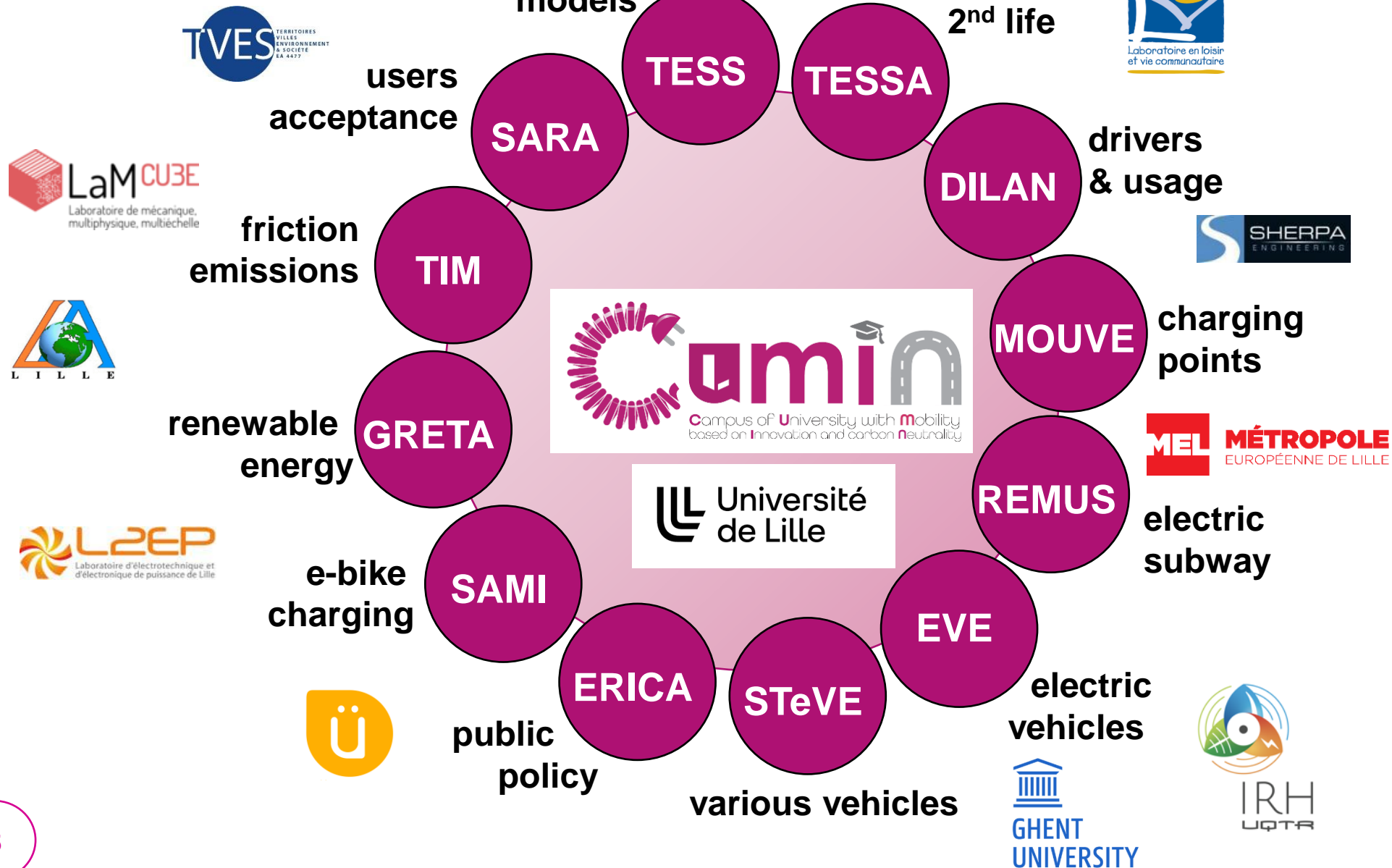
flexible methods and tools for e-mobility transition



# Interdisciplinary team



# CUMIN portfolio



### Funding

### Supports

# Some CUMIN figures

## Research:

- 12 scientific projects
- 6 co-supervised PhDs defended + 6 on-going
- 12 co-authored papers in journal (**10 in Q1!**) + 31 in conferences

## Education:

- More than 10 Master projects per year (ST & SHS)
- Interdisciplinary seminars in Master
- Interdisciplinary “Green mobility” doctoral unit since 2020

## Society:

- Ecologic Transition Plan of University of Lille (2023-2033)
- 3 committees on « Sustainable Development Goals » among 7
- Transition weeks, workshops & vehicle tests

### High-visibility for Univ. Lille



Visit of the French Ministry of higher education and Research / March 2024



7 AFFORDABLE AND  
CLEAN ENERGY



## Chair SDG – « Energy Transition »

United Nation Sustainable Development Goal n°7



### Chair coordinators

Betty LEMAIRE-SEMAIL

Pascal ROUSSEL

### Project Manager

Aude Nanquette





## Chair objectives:

- Structure research in the field of energy
- Stimulate new interdisciplinary projects;
- Propose interdisciplinary training programs in the field of energy
- Communicate and make know these actions beyond the academic world

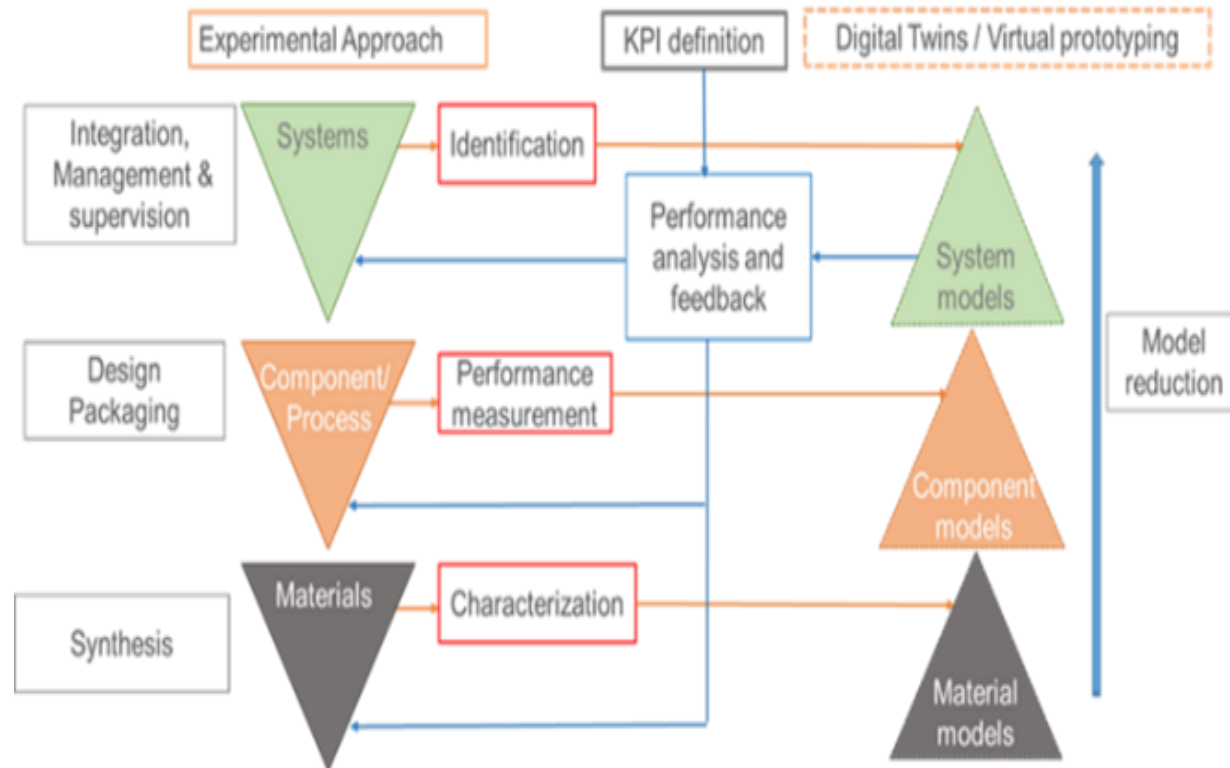


# Chair objectives and actions

- About research structuration and new interdisciplinary projects



Energy continuum: design, study, optimization and control of an energy conversion chain, from material to system.

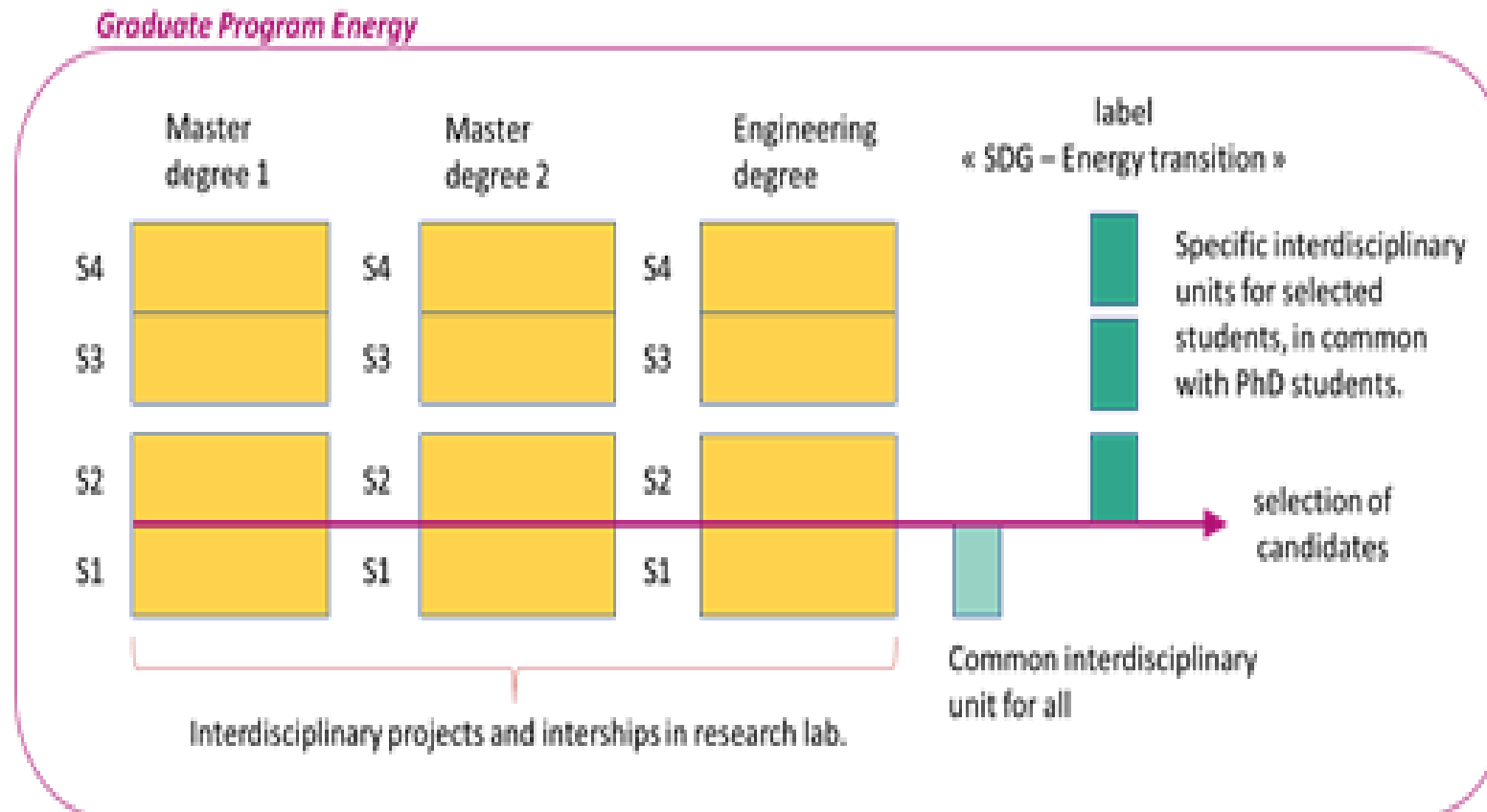


→ CDP proposal on Hydrogen conversion chain

# Chair objectives and actions

- About new training programs

“graduate program” on sustainable energy and applications



## Chair objectives and actions

- About communication beyond the University

“LID” Energy: open-Lab on energy

➔ bring together different perspectives on  
-what the energy transition should be,  
-how everyone perceives it,  
-what is expected and how everyone thinks to implement it.

➔ Thanks to a participative sciences approach



# Chair objectives and actions

- About communication beyond the University

“LID” Energy: open-Lab on energy

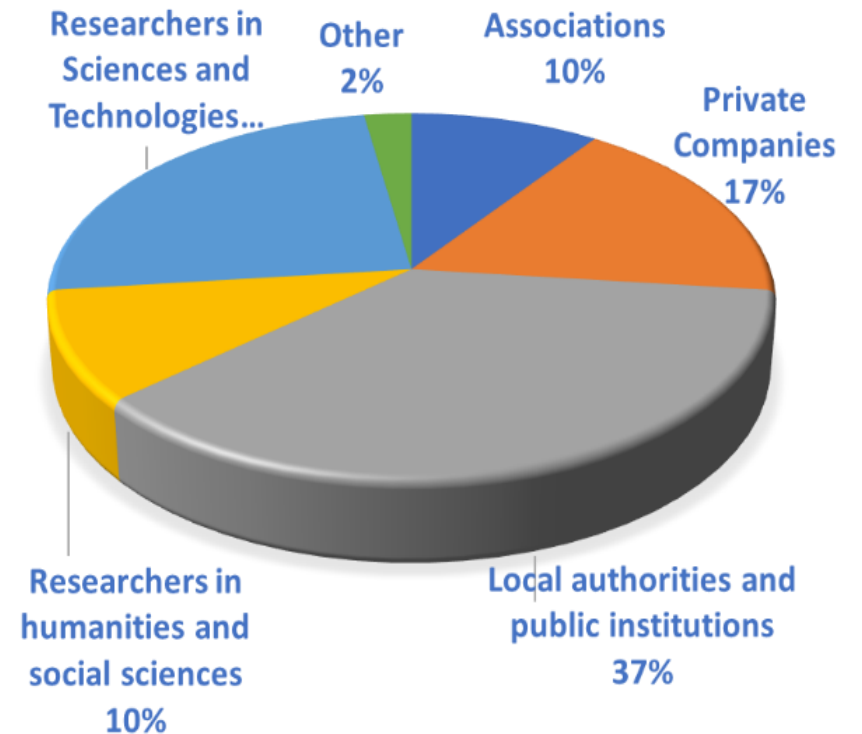
➔ Cross-sectional views on the subject

➔ 4 great questions

- Energy transition: why, for whom, with which society model?
- Rethink the uses
- Inform and train
- Systemic organization

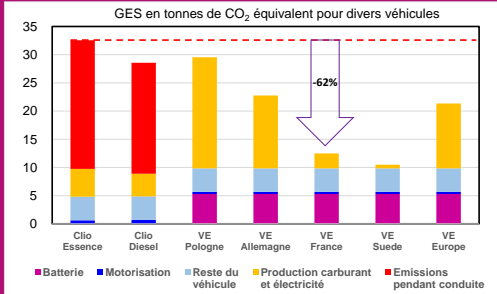


Questions to be addressed at the feedback symposium  
21 & 22 May 2025





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Our university as an exciting living lab towards eco-cities through an innovative transdisciplinary framework !

