- 7 labs
  - ECOLAB, CIRIMAT, IRIT, LAAS, LAPLACE, LMDC, PHASE
- Launched by Bertrand Montubert with the goals:
  - Improve quality of life
  - Reduce ecological impact
  - Reduce cost (electricity, heat, water)
- Managed by Marie-Pierre Gleizes
  - Followed by UPS patrimony/numerical vice president
  - Globally managed using very Agile methods!
Second round
- Provide a show-room at large scale for UPS labs
- First show room in U4 along with UPS fablab
- Provide an experimental platform for local SME
- Discussion with UPS SGE

Structuring action on the campus

Dissemination actions
- Digital Place, …
- PAUL SAB magazine
Current projects

- Platform PAULSAB
  - Lead by IRIT
  - Goal: Co-simulation of real/virtual systems using simulators from different UPS labs

- Energy-efficient campus
  - Lead by Georges Zissis
  - Electricity/Heat/Energy uses/Captors/Interaction
Current projects

- Multi-disciplinarity
  - Lead by IRIT
  - Do not forget users!
- Quality of service inside and outside buildings
- Management of fluids
- Several of them are currently looking for fundings
• ANR : PAULSAB
• CPER : demonstration platform
• ADEME : DC bus for light system
• PRES : Energy-efficient and sustainable Campus
• PRES transversality : Multi-disciplinary
• Several PRES/Region Phds
• 4 phds
  - DC bus for light systems
  - Detection of activity using cameras
  - Co-simulation
  - Bio-sourced materials for energy-efficiency and confort
Current projects

- 8 Master 2 students
- Data collection on the campus
- Visualisation of data from sensor networks
- Biosourced materials
- Thermal characterization of a building
- Ultra-performant concrete for common infrastructures
- Smart cameras
- Access control for buildings using NFC
- Data-base structuration for data from a smart campus

Come to the presentation on Friday at 2PM
• 2 possible PhDs in the team
  – Smart management of desktops for energy efficiency and improved usage (asked at PRES/Region level)
  – Smart grid for datacenter (might be funded by UPS)

• Links with the PRES project on energy
• Links with the Fablab
• Links with the « Smart house » at Blagnac
• Links with Mobile/Energy/Distributed systems actions in the team