UMONS
University of Mons

Fab-IoT-Lab

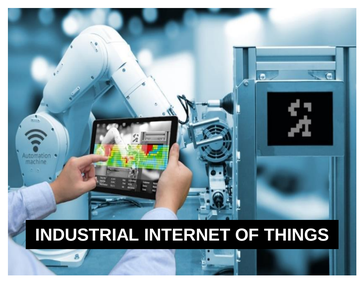
FabLab MONS

a Fab-IoT-Lab to support IoT projects of industries and entrepreneurs

Connected objects are taking a growing place in our lives:

- **Individuals**: house automation, eHealth, sport, quantified self, …
- **Communities**: smart cities, smart grids, transportation, …
- **Business**: cultural and creative industry, industrial enterprises, smart farming, …

The Fab-IoT-Lab project will support:



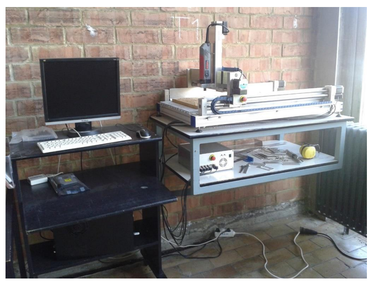
- **Business** that will develop connected objects to complement their product and service catalogue
- **Business** that want to improve their manufacturing process through IIoT
- **Entrepreneurs** that will use connected objects to create their business or service company

a Fab-IoT-Lab with the FabLab spirit

FabLab Mons is a place to:

- learn and train
- innovate
- co-create
- share
- get access to equipment
- get access to expertise

Electronic lab



Mill

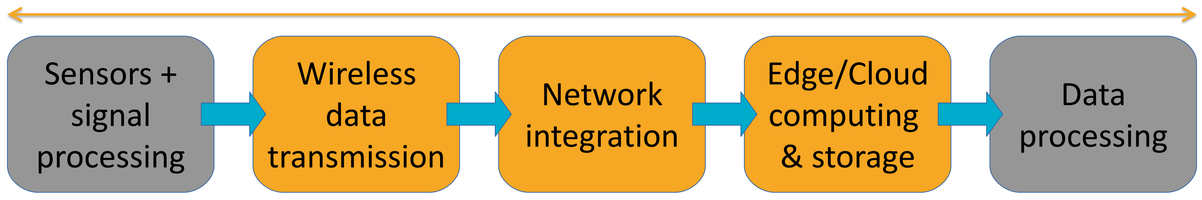
Laser cutter and engraver

3D printers

a Fab-IoT-Lab supported by the R&D of a multi-disciplinary team at UMONS

IoT requires many competencies.
At UMONS, we are focusing on:

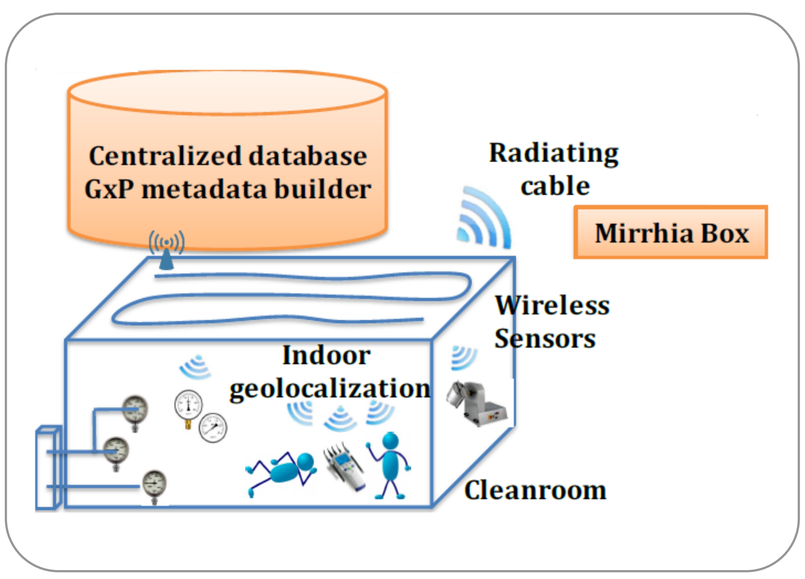
- developing **dedicated and efficient sensors**
- dimensioning **wireless transmission systems/networks**
- implementing **global integrated solutions** like edge and cloud computing

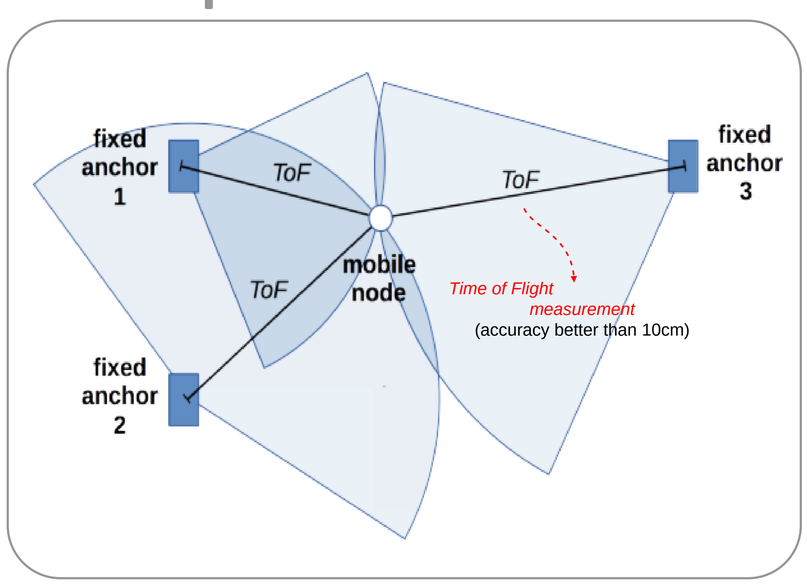


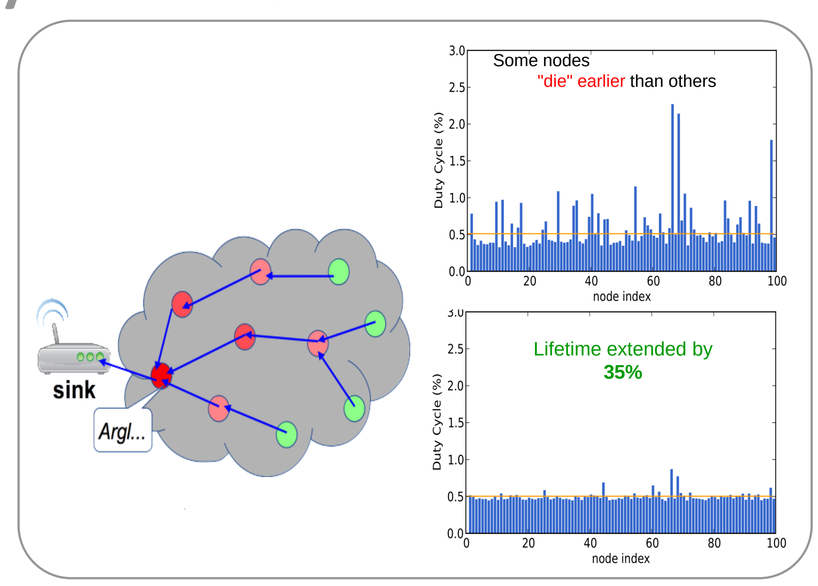
Four departments collaborate on this project:

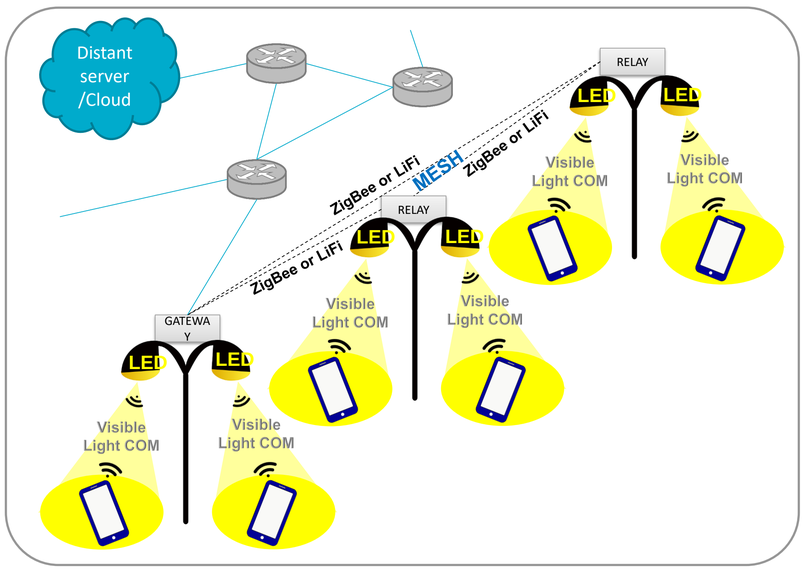
- Computer Networks & Telecommunications (Faculty of Science)
- Computer Science (Faculty of Engineering)
- Electromagnetism & Telecommunications (Faculty of Engineering)
- Electronics & Microelectronics (Faculty of Engineering)

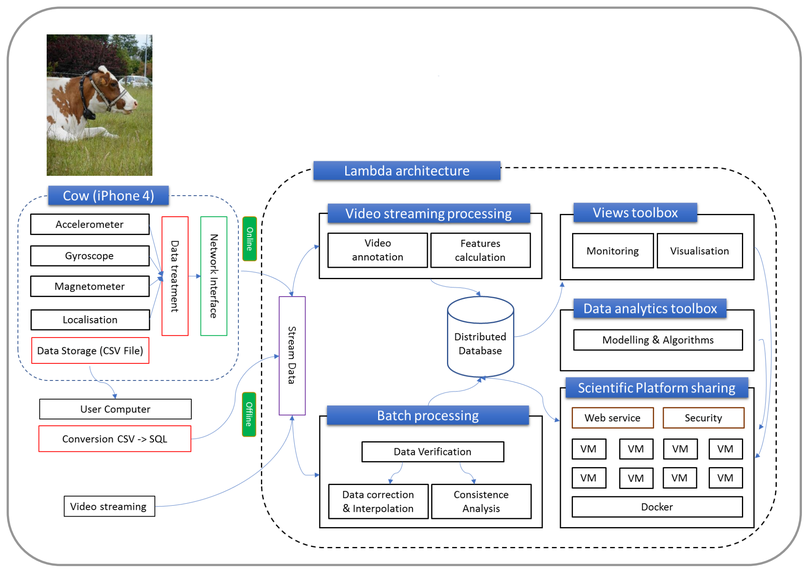
a Fab-IoT-Lab to improve research visibility to business

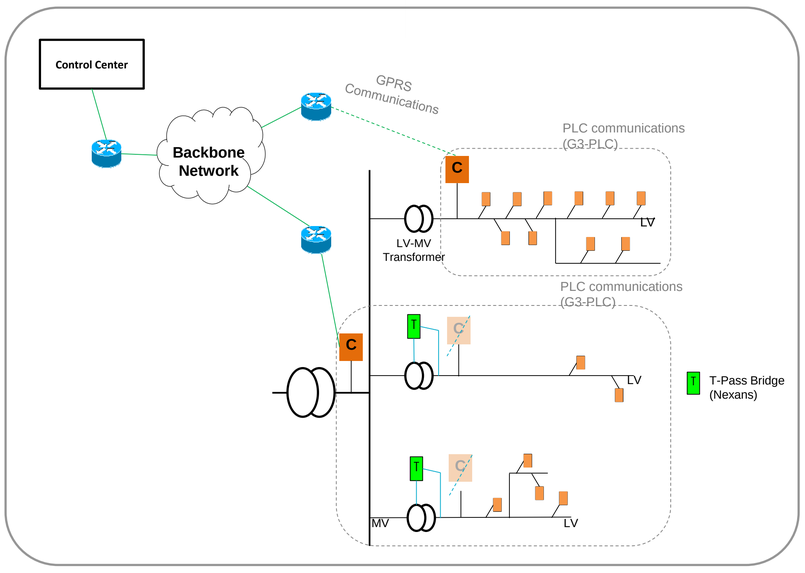












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UNION EUROPEENNE
Wallonie
LE FONDS EUROPÉEN DE DÉVELOPPEMENT RÉGIONAL ET LA WALLONIE INVESTISSENT DANS VOTRE AVENIR

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