

i-PhD
concours d'innovation

LES
**DEEP
TECH**



Sa



PROES

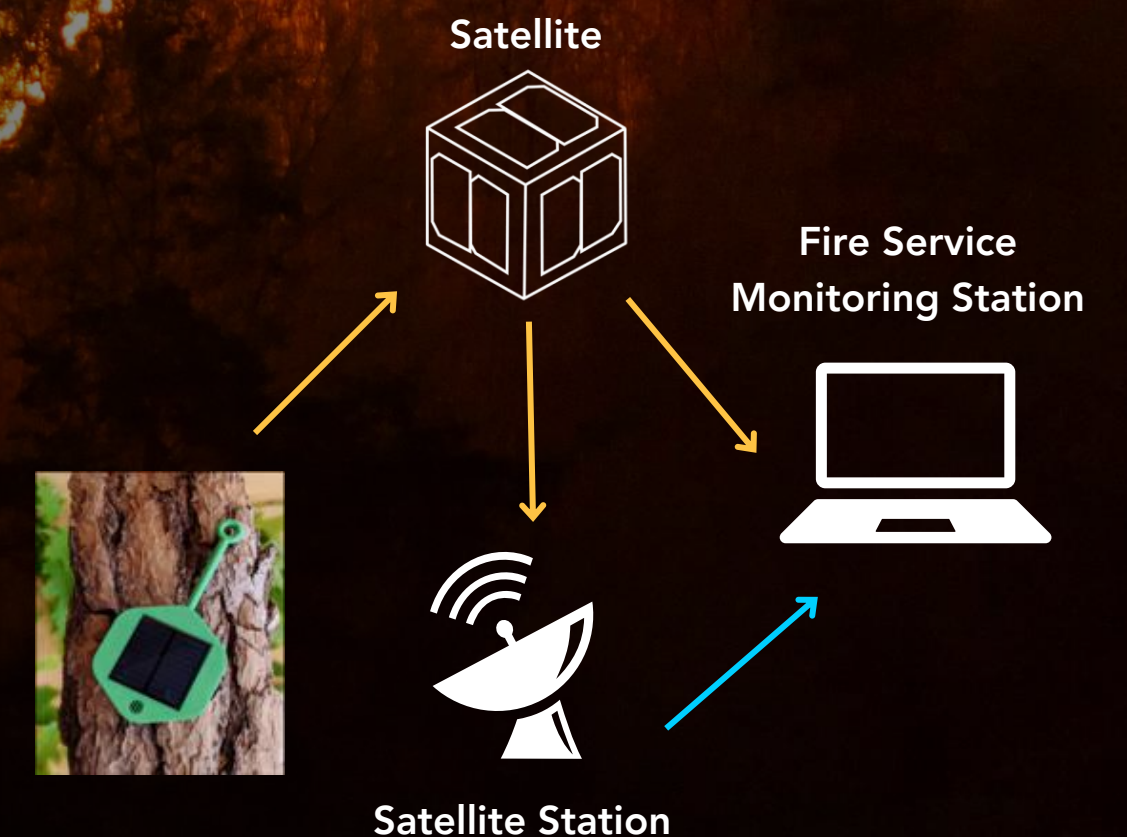


Purpose & Value

EMPOWERING A SAFER **GLOBALLY CONNECTED** WORLD

Added Value? Addressing the complexities of existing terrestrial and Satellite Solutions for IoT applications to overcome geographical barriers with terrestrial networks and avoid High power and expensive satellite solutions by offering an extremely cost efficient, scalable 1U CubeSat Constellation tailored for IoT.

Why Participate? To enhances the communication in remote or underserved areas & prevent environmental disasters, asset loss, etc



Organization Profile

4 Engineers, 1 senior financial advisor, 1 director

Our technical expertise:

- *Satellite Expert*
- *Telecommunication system Engineer*
- *RF System Design*
- *Firmware Development (FPGA Engineer)*
- *Embedded Software development*
- *Electronic Engineering*

Co-founder and CEO

Double degree MSc. Physics

Personal Funding of the project

PI in 2nd year + Public funds(bpi)

(CES2023 innovation award.



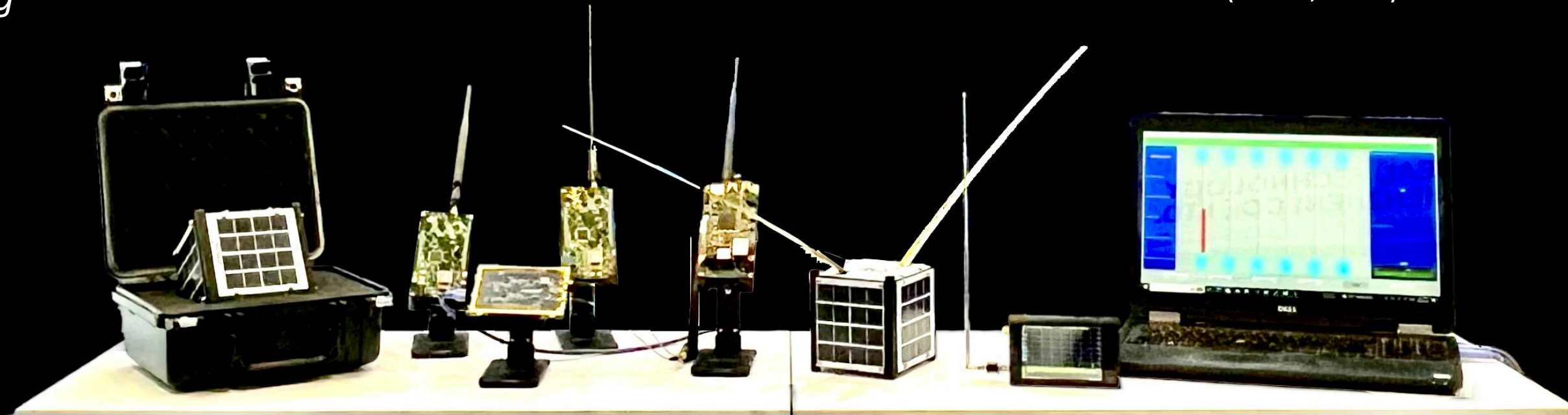
Dr. Garsault, Co-founder

PhD and Post Doc in

Telecommunication.

Winner of the French innovation

concours (i-PhD,2019)



Vision, Motivation, content

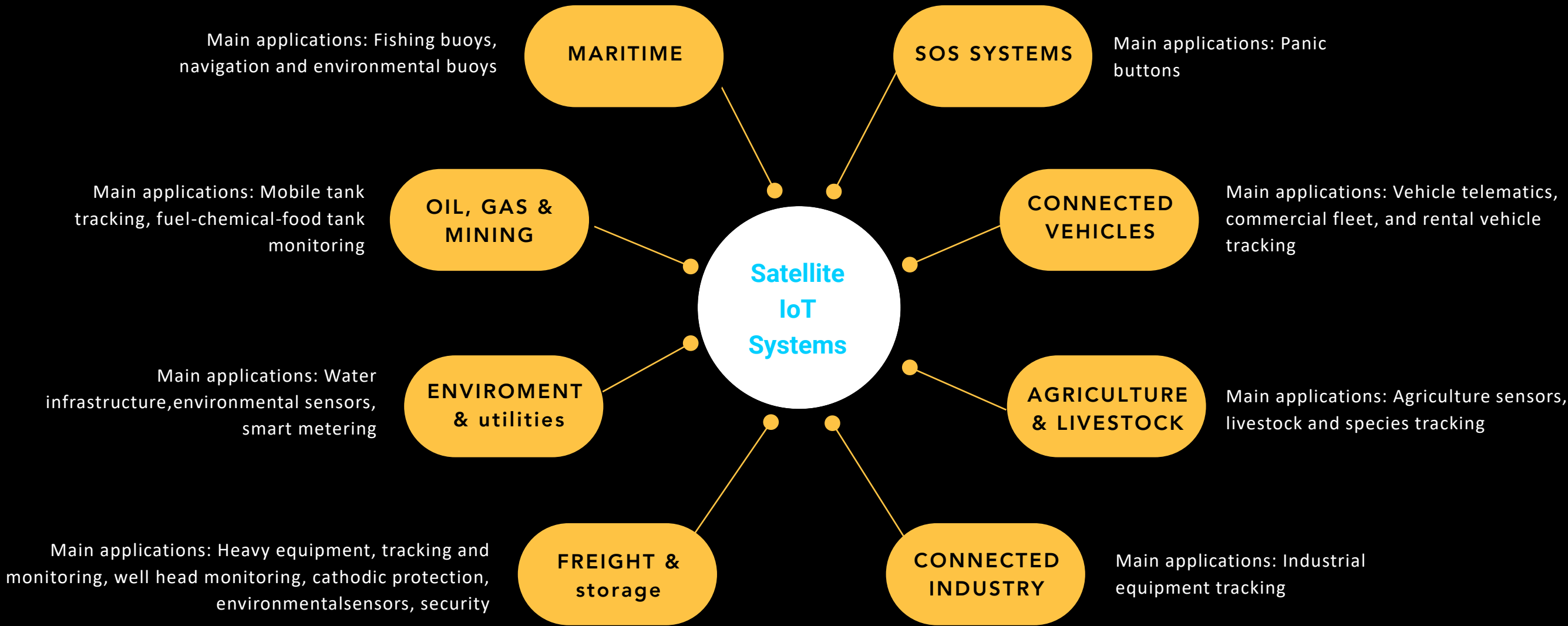
- 1- Enabling reliable and efficient data transmission in remote or poorly connected areas, **enhancing operational efficiency, decision-making, and safety** for industries operating in isolated regions.
- 2- Driving **sustainable development** by facilitating **environmental monitoring** to prevent disasters such as wildfires, while also fostering technological advancements in satellite-based IoT communication for diverse industry applications.
- 3- Offering **scalable, cost-effective** satellite networks tailored for IoT applications such as mining, agriculture, M2M industries, etc. **enhances the communication** in remote or underserved areas while overcoming geographical barriers of terrestrial networks.
- 4- Fostering innovation and economic expansion by promoting **equal access** to advanced communication technologies, and **empower SMEs** by providing them with **affordable** IoT connectivity solutions, reducing reliance on expensive traditional satellite options.





Potential partners

High potential demand for low-power satellite IoT offering



CCI PARIS
PARIS ILE-DE-FRANCE



French National Innovation Award i-PhD

Thanks for your attention

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Presentation is available via:

