

Intelligent IoT oneM2M Hackathon: plant monitoring

Team Haka

Team members



LIEVRE Agathe

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NGUYEN Assia

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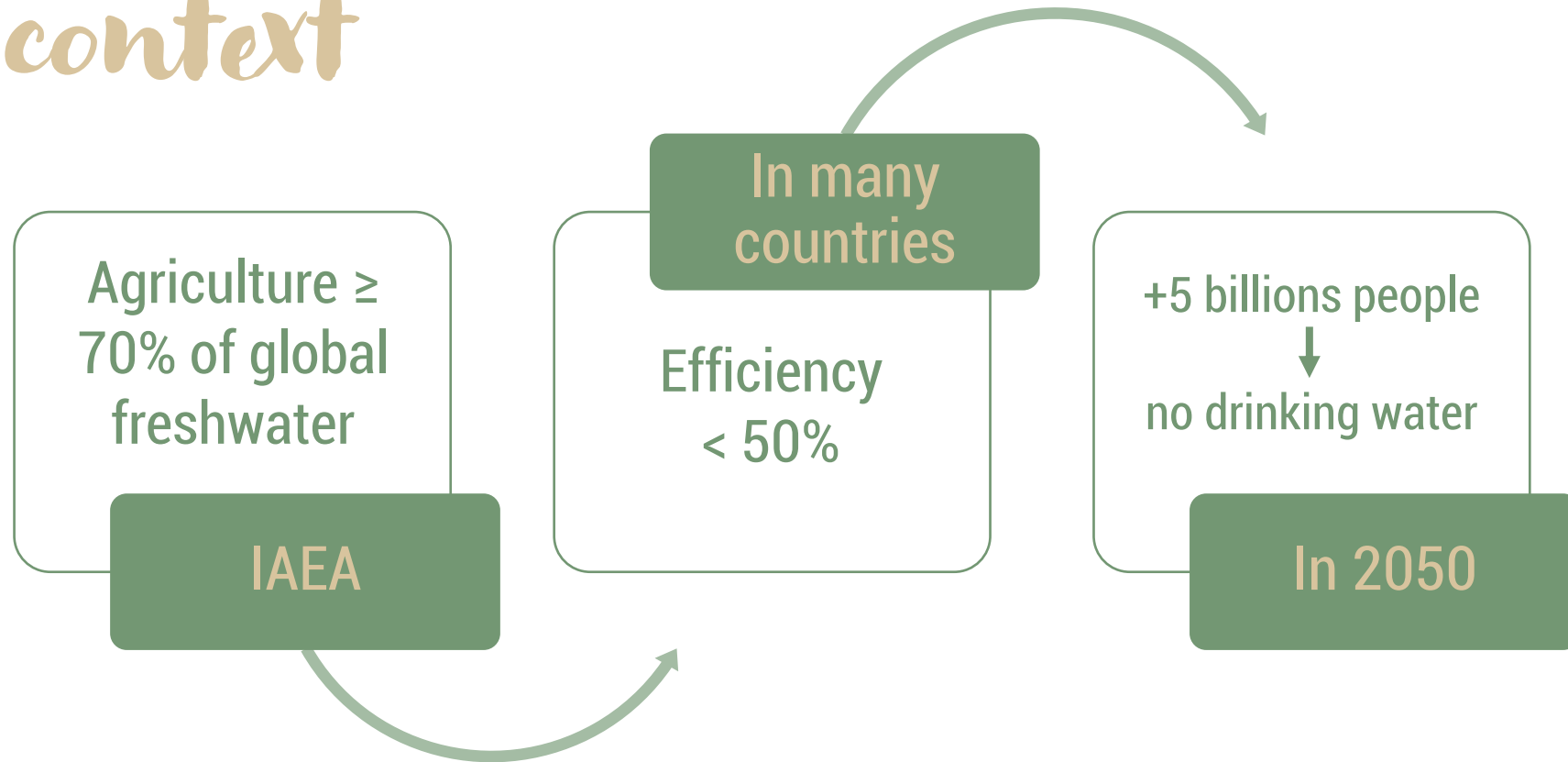
BOUISSON Arnaud

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GRAU Victor

The context



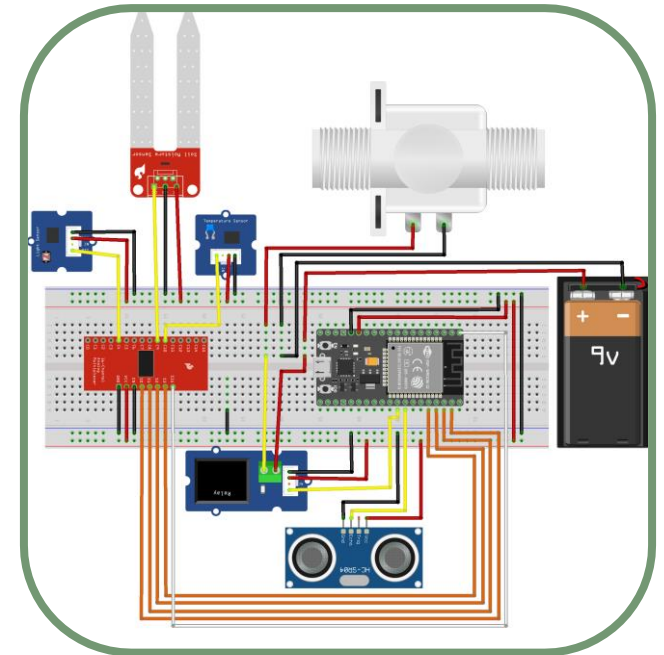
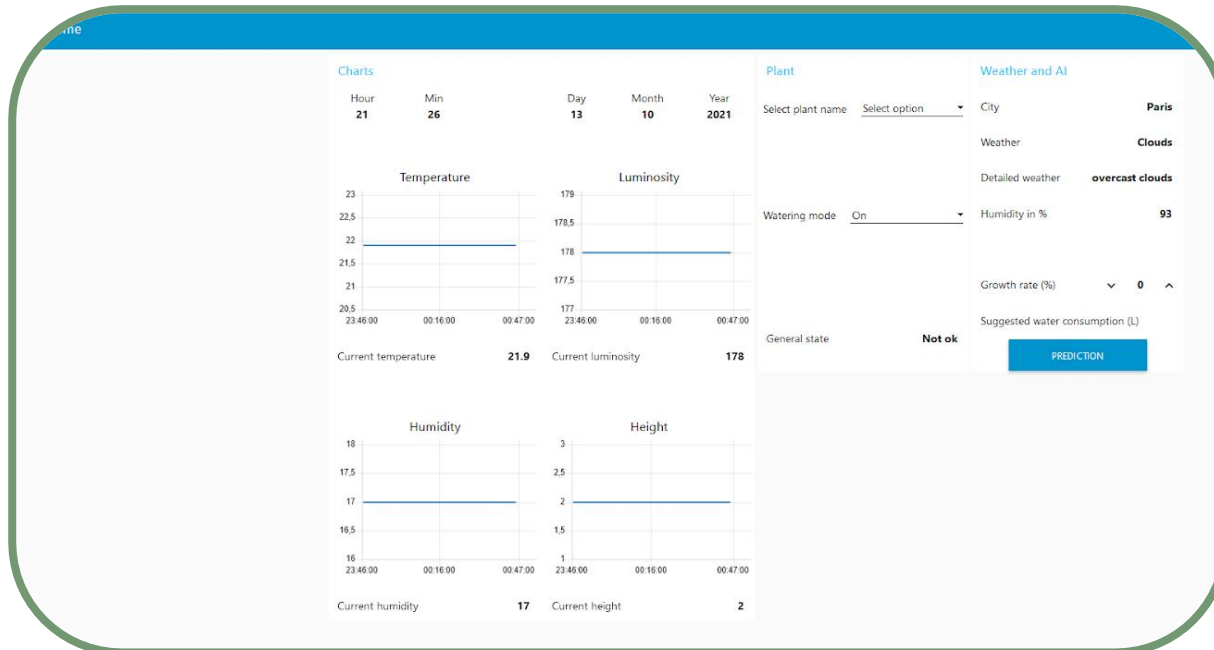
This concern was our main motivation.



Our vision

Our solution is a plant monitoring system that can:

- Monitor plants' surroundings and health parameters
- Monitor plants' growth
- Manage watering in a smart way



Our OM2M system



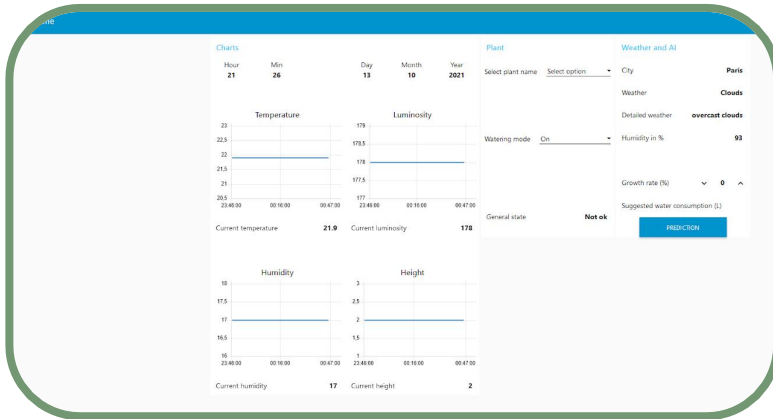
IN



MN



ADN



POST request: the watering mode

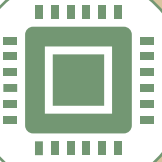
POST request: compilation of the data

POST request: data from sensors
GET request: to know when to turn on or off the water actuator

To go further



Improve the watering strategy



Implement other sensor platforms and other sensors



Implement data base, collect data and train the AI



Make the system autonomous with solar panels