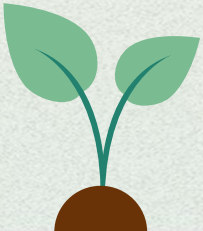
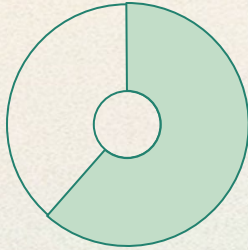


BloomPulse

Precise. Efficient. Sustainable.



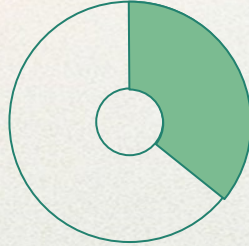
70%



Globally, agriculture accounts for around 70% of freshwater withdrawals

Source: UNESCO

30-40%



Percentage of water lost in agriculture due to inefficient irrigation.

Source: Precision Pumping Systems

11%



Percentage of farms in the EU managed by people under 40.

Source: FAO

**Presence
Lack of precise data**



**Precise. Efficient.
Sustainable.**

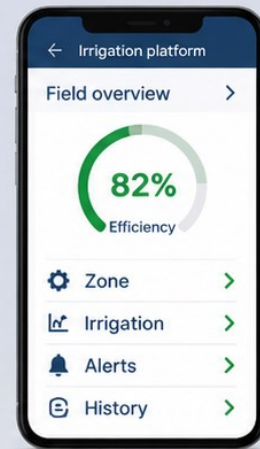
Irrigation = OpEx.



PLATFORM



NB-IoT



1. Sensors send their readings

2. Server processes the data

3. Field device receives info about the required state of the valve



ZONE 1

62%



OPEN



ZONE 2

45%



OPEN

Existing solutions

	Manual irrigation	Timers	Valve-controller systems	BloomPulse
Data-driven decisions	●	●	●	●
Efficiency	●	●	●	●
Labor need	●	●	●	●
Remote control	●	●	●	●
Installation complexity	—	●	●	●
Scalability	—	●	●	●



Milesight - UC511 & UC512



Escular - Smart Valve Control Unit

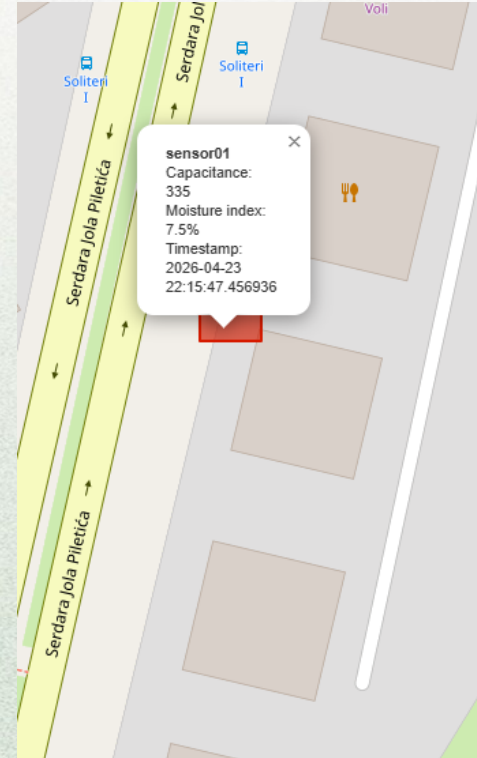


Hunter - ICC2 & HCC Controller

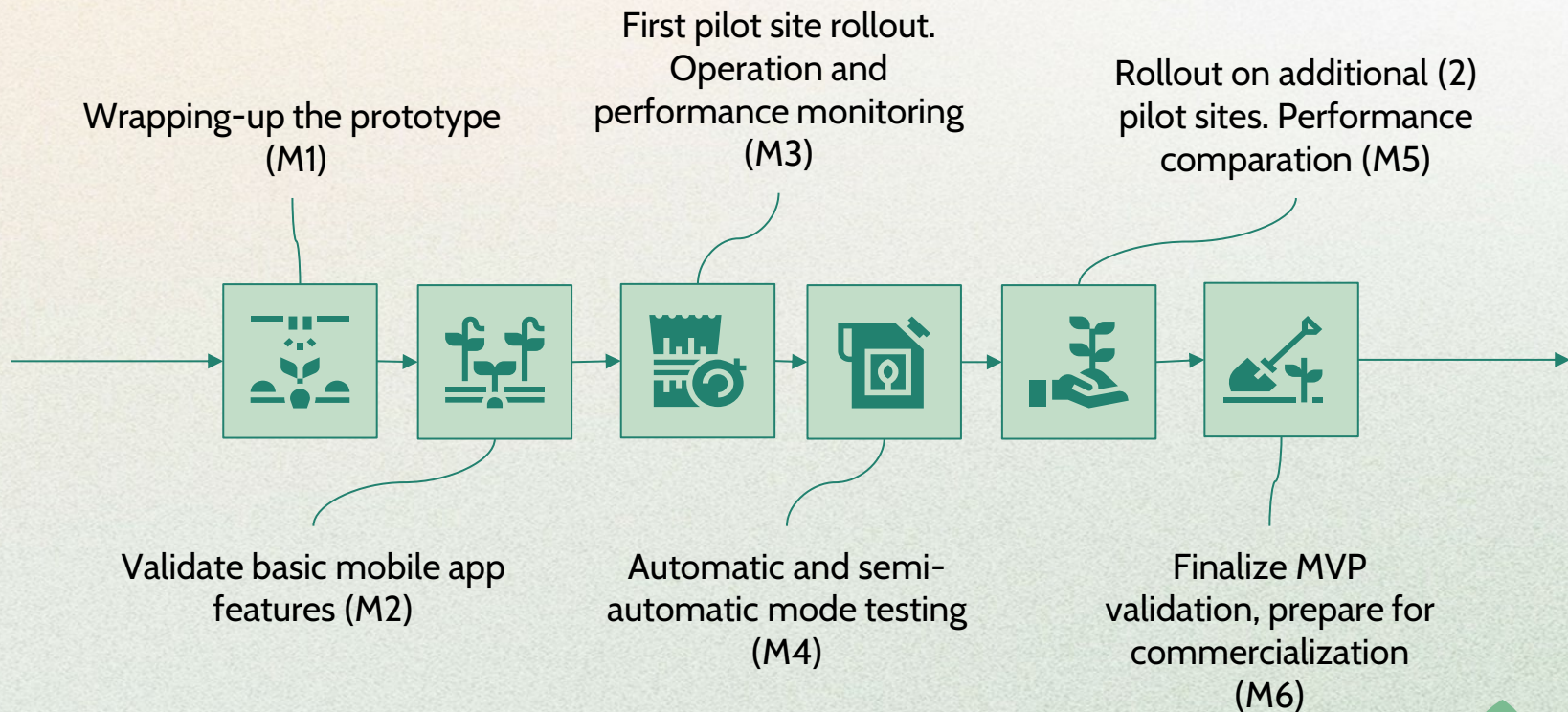
No electrical cables

Controller virtualization

Prototype



Roadmap





BloomPulse

Smart irrigation solution that saves water, time and money.

We are seeking support to pilot the system on the first farms and validate the results under real-world conditions.

