

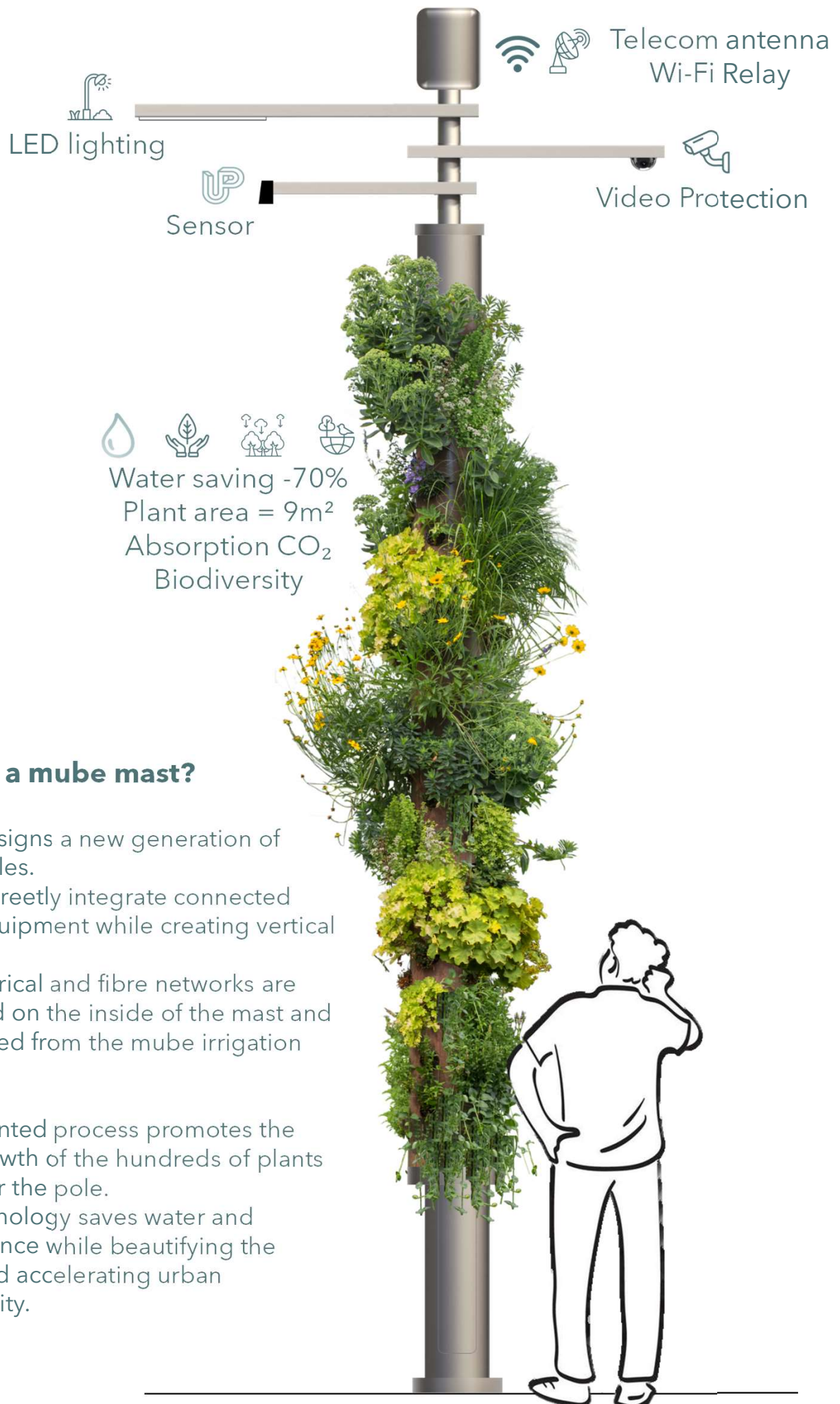
Green Mast



mube
Technology that grows

December 2025





What is a mube mast?

Mube designs a new generation of urban poles. They discreetly integrate connected urban equipment while creating vertical gardens. The electrical and fibre networks are protected on the inside of the mast and are isolated from the mube irrigation system.

This patented process promotes the rapid growth of the hundreds of plants that cover the pole. This technology saves water and maintenance while beautifying the space and accelerating urban biodiversity.



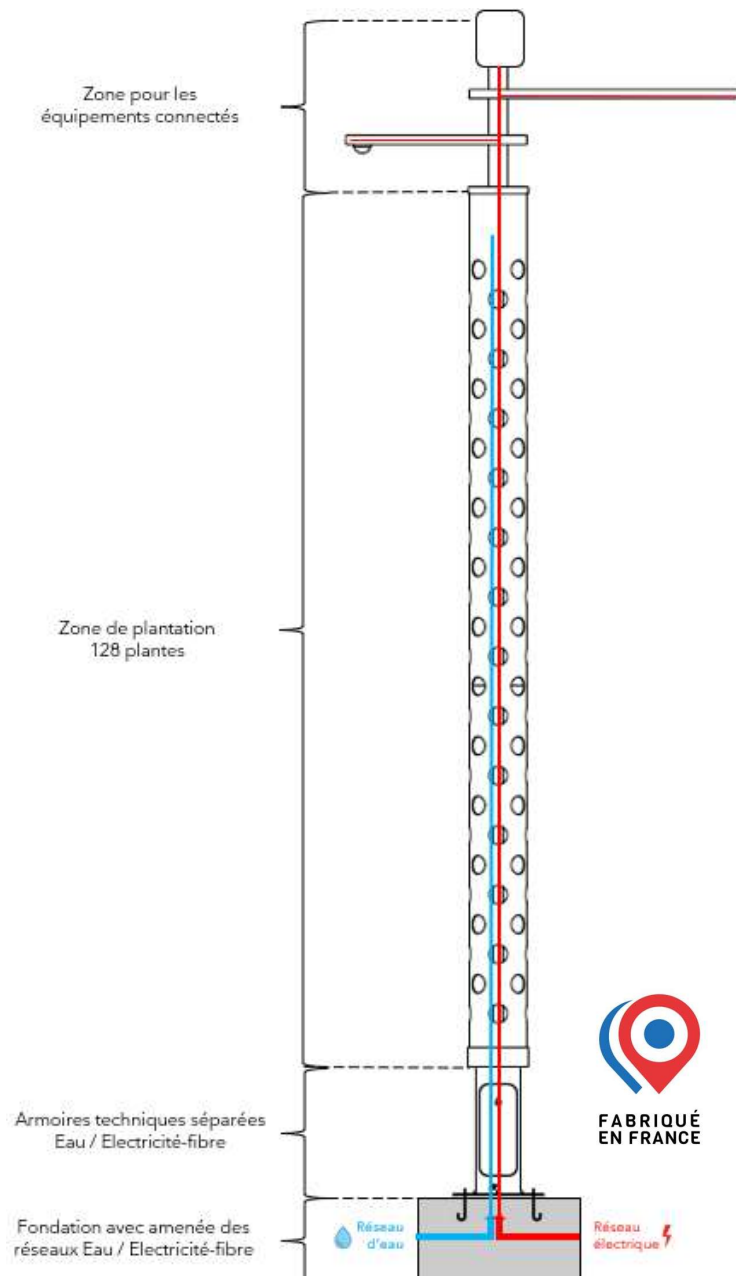
Technical data

6-metre vegetated mast

Minimum water pressure of the network: 3 bar
 Bolting on concrete (lighting standard)
 Water consumption: 5m³ / year
 Autonomous and controlled management of irrigation
 Number of plants: 128 (10 species)
 Maintenance: 2 to 4 passes / year
 Perennials and honey plants
 Specific substrate mube verticality (supplied)

If equipment at the top:

Lift: up to 80kg
 Camera / lighting / telecom / sensor support
 Internal passage of the electricity/fiber network
 Full-length secure technical cabinet





Paris 2022

The ideal support for telecoms and smart cities

The **mube** pole is the green alternative to pylons and other metal poles that line urban areas.

Electrical, fiber and telecom networks pass through the center of the mast via a protected sheath.

The **mube** pole is structurally designed to carry heavy loads, making it the ideal solution for the discreet deployment of connected equipment in the heart of urban centers.

With **mube**, connected services that benefit residents are protected and visually integrated into a harmonious green environment.



Paris 2024

Multiplying urban greenery

Opting for a **mube** pole rather than a metal pylon is a concrete and visible act in favor of the renaturation of urban centers and the well-being of residents.

The plants that cover the **mube** pole have been carefully selected to ensure that they are in bloom from the very first season.

In winter, when urban green spaces are scarce, the **mube** pole maintains its plant cover even at sub-zero temperatures.

The poles are equipped with a patented watering system; autonomous and intelligent, it reduces water and maintenance requirements by a factor of 3.

No other greening process offers the same benefits while consuming so few resources.



mube

Urban renaturation

- Specific plant palette
- 70% less watering
- Increased biodiversity
- CO2 capture
- Limits heat islands
- Natural air purifier

Intelligent and connected

- Autonomous irrigation
- 1-day installation
- Support compatible with urban equipment :
 - Smart camera
 - LED lighting
 - IoT Smart city
 - Telecom antennas
 - Environmental sensors

Aesthetic and innovative

- Changes the perception of urban infrastructure
- Beautifies spaces

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