Hephaesnus

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Efficient and **Autonomous** Firefighting

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Forest Fires, a Rising Calamity

Pedrogão Grande, 2017

Jasper, 2024

986 740
Fires in 2023

Carmo Industries, 2024

Interecycling Industries, 2024

Sallus Guard

100% Autonomous
Detection and
Firefighting

Safety Perimeter

Ornamental,
Premium Value

Patented Design

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Sallus: Main Market Advantages

No connection to electricity or water needed

24/7

Always Active – Always with you

Full Protection of wooden structures

Fully Autonomous

Added Value to your Property!

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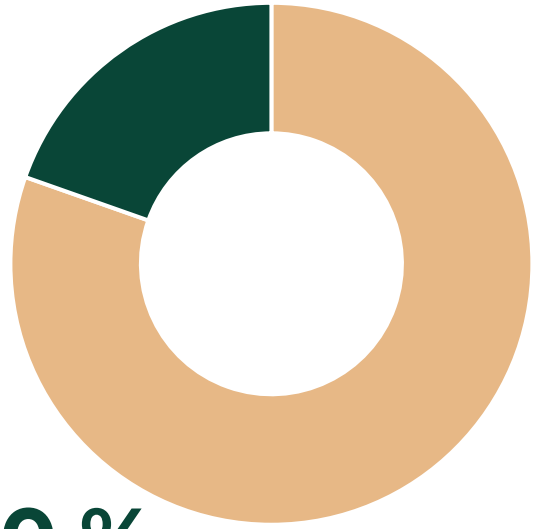
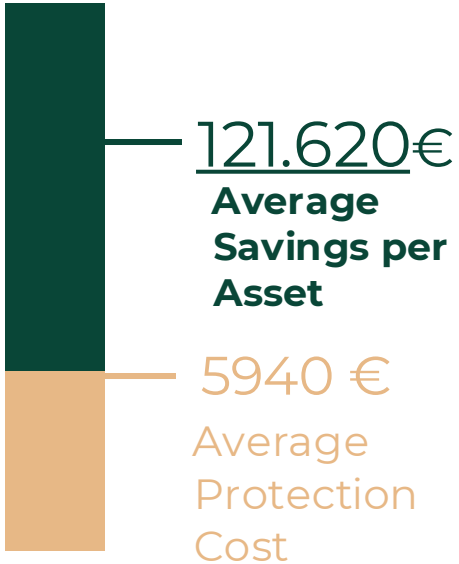
Current Market Data



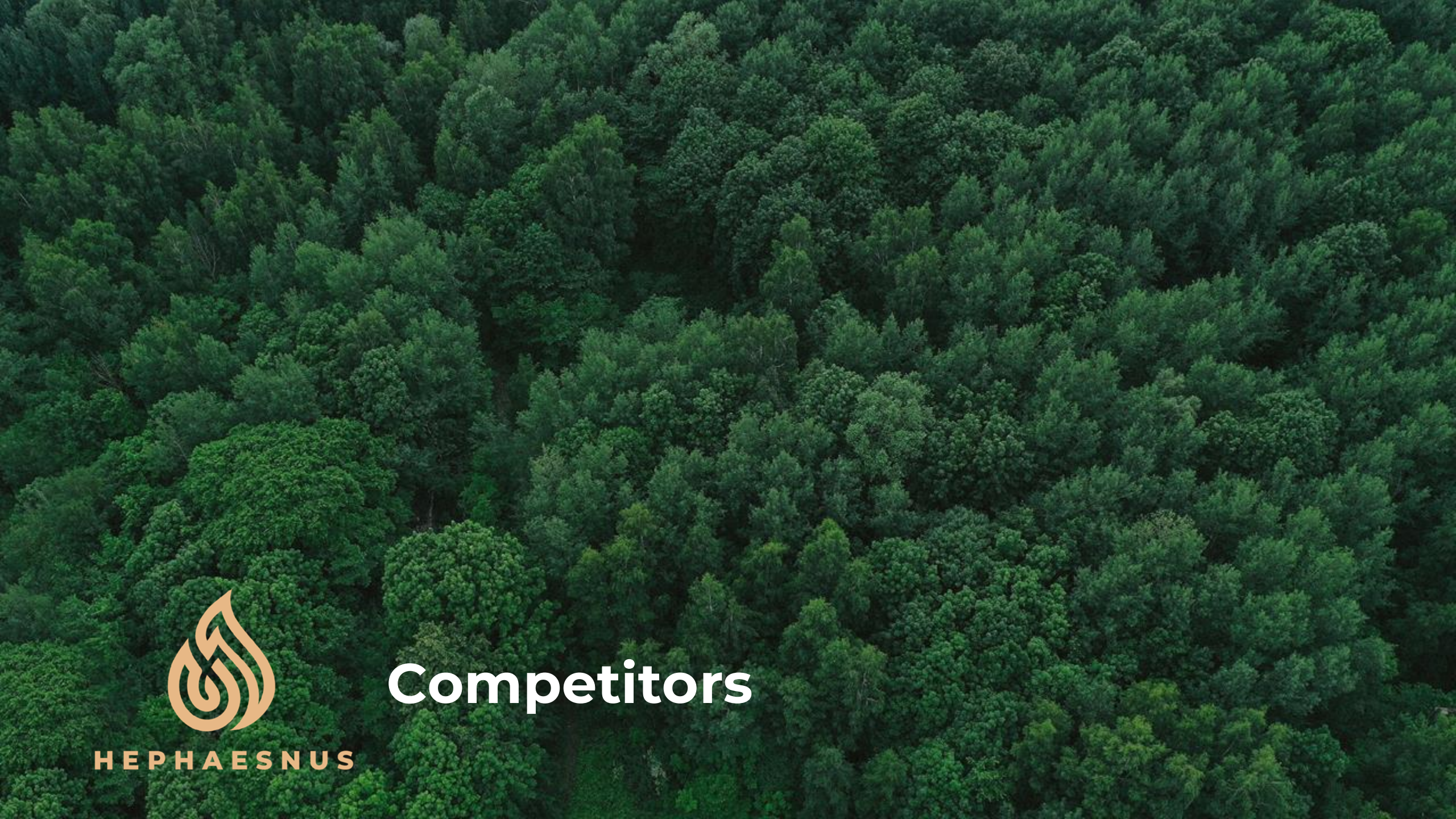
80 %

Out of 10 companies want a physical demonstration of the Vase*



PREVENT use in Rural Asset(144 m^2)

*Physical Demonstrations to be carried out until December 2024



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Competitors

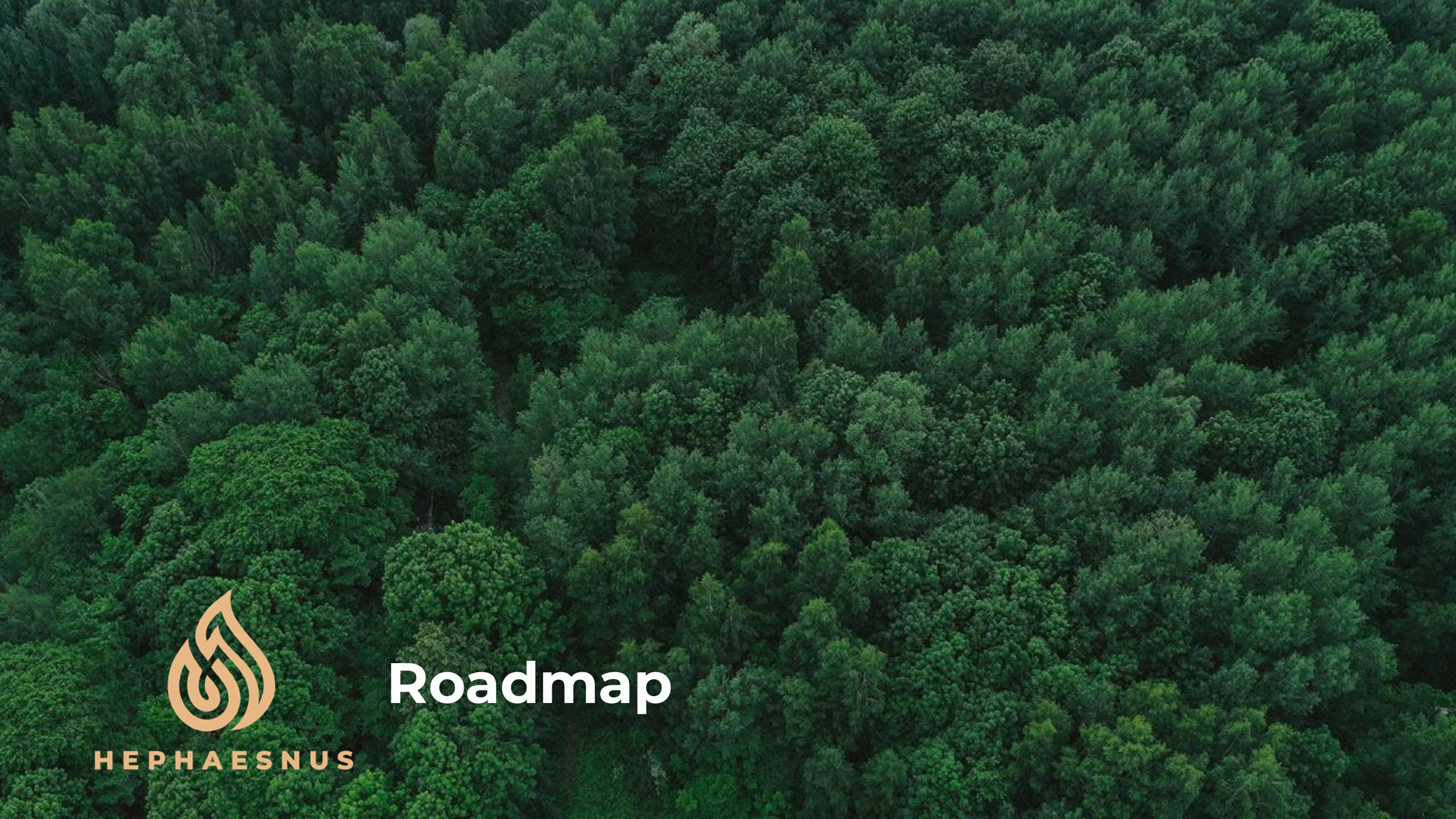
Competitors

Sprinkler Systems

- High Costs
- Requires permanent connection to water and electricity systems
- Dwindling Cost-Efficiency

Fire Sensors
(e.g. Dryad; Torch)

- High Costs
- Detection Only
- Requires Connection to complex IoT systems



Roadmap

Roadmap

2024

Sallus Guard

Last Software Tests

Today

Pre-Launch

Incorporation of new Communication Module

Q4 2025

Product Promotion and Internationalisation (Spain)

Team

Team

Amaro Martins
MA
CEO

Project Manager & Innovation
Financing
Human Resources Management
Marketing & Communication

Henrique Bastos
MSc
CEO

Research and Pipeline Development

Laboratorial Testing and Product Development

Dra. Catarina Pinho
R&D Director

PhD in Material Engineering

R&D Planning

Product Development

Élio Fonseca
Chief Production Manager

50 Years Experience;

Production Management
Operations

Amanda Arvizu
Mechanical Engineer

Product Development & Operations

Dr. Sajad Kiani
Scientific Advisor

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Next Developments

Next Developments

Integrating Communication Technology

Sending fire detection alarm to asset owners (via mobile)

Communicating Detection Data back to Hephaesnus

Join the Change in Fighting Forest Fires!

hephaesnus.com

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