2B FOREST

Extreme wildfire prevention using ForestSIM®

SPEAKER

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WWW.2BFOREST.PT

FSC FLORESTAS® PARA TODOS PARA SEMPRE

The FSC® (Forest Stewardship Council) is dedicated to promoting responsible forest management worldwide. FSC®- C135716.

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FORESTSIM

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Forest consultancy

Planning and management

National Forest Certification Group

*1058 active members**

*43 435 ha of certified forests**

Owners of ForestSIM®

National Certification Group - CoC

*49 Chain of Custody partners**

2BOffice

1st Iberian FSC Certification Project

* September 2024

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FIRE-RES OIC 24

Our solution aims to gather knowledge on wildfire prevention from:

- Landowners with certified forests in the Living Lab areas of Vale do Sousa and Lousã
- 2BForest technicians
- FIRE-RES partners

*to **improve the contents of ForestSIM®***

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WHAT IS FORESTIM®?

- *Online platform to support Forest Management and Certification*
- *Document management system with integrated WebGIS*
- *Integration with desktop computers and mobile devices*

FORESTSIM®

Owned by: 2B FOREST

Co-financed by: THE NAVIGATOR COMPANY

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WHO USES FORESTIM®?

- *5 Forest Certification management entities*
- *5.000+ forest producers*
- *300.000+ forest plots*
- *Over 20 forest advisors*
- *English version of the platform under way*

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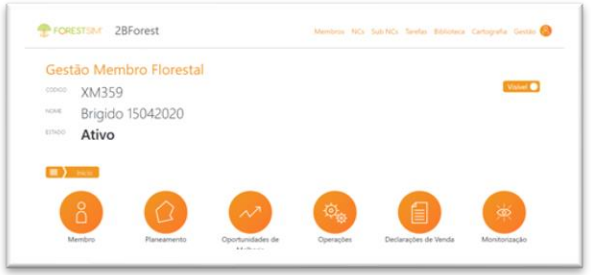
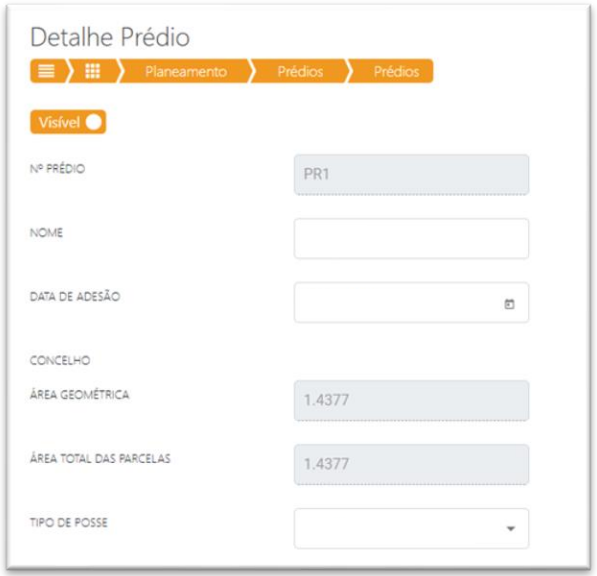
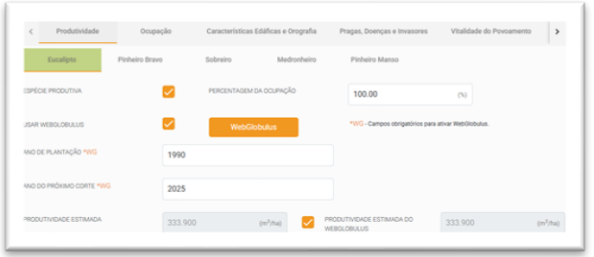
FORESTIM® CHARACTERISTICS

- ***Web-based** system*
- ***Cloud-based** architecture*
- Various **user profiles**
- Supports **QGIS** data for online map production
- **Information exchange** with other *web-based* platforms







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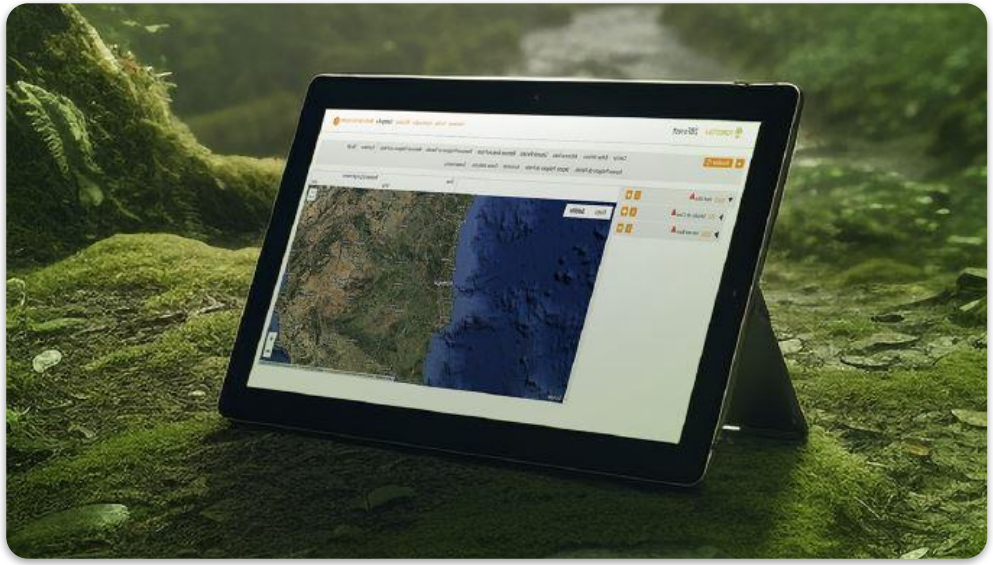
FORESTIM® BENEFITS

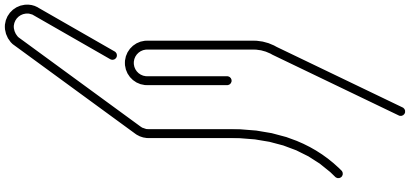
- Access to **real time** information
- Data import in Excel format
- **Updated planning and budget**
- **Cost reduction**



FORESTIM® AS A FIRE PREVENTION TOOL

Increasing number of landowners with certified forests and easy access to ForestSIM®

Need to promote active forest management to avoid the occurrence and mitigate the impact of wildfires



- Better planning
- Instructions on how to conduct operations under critical periods
- Advisory services involving multiple properties under fire risk
- WebGIS tools to identify fire prone areas

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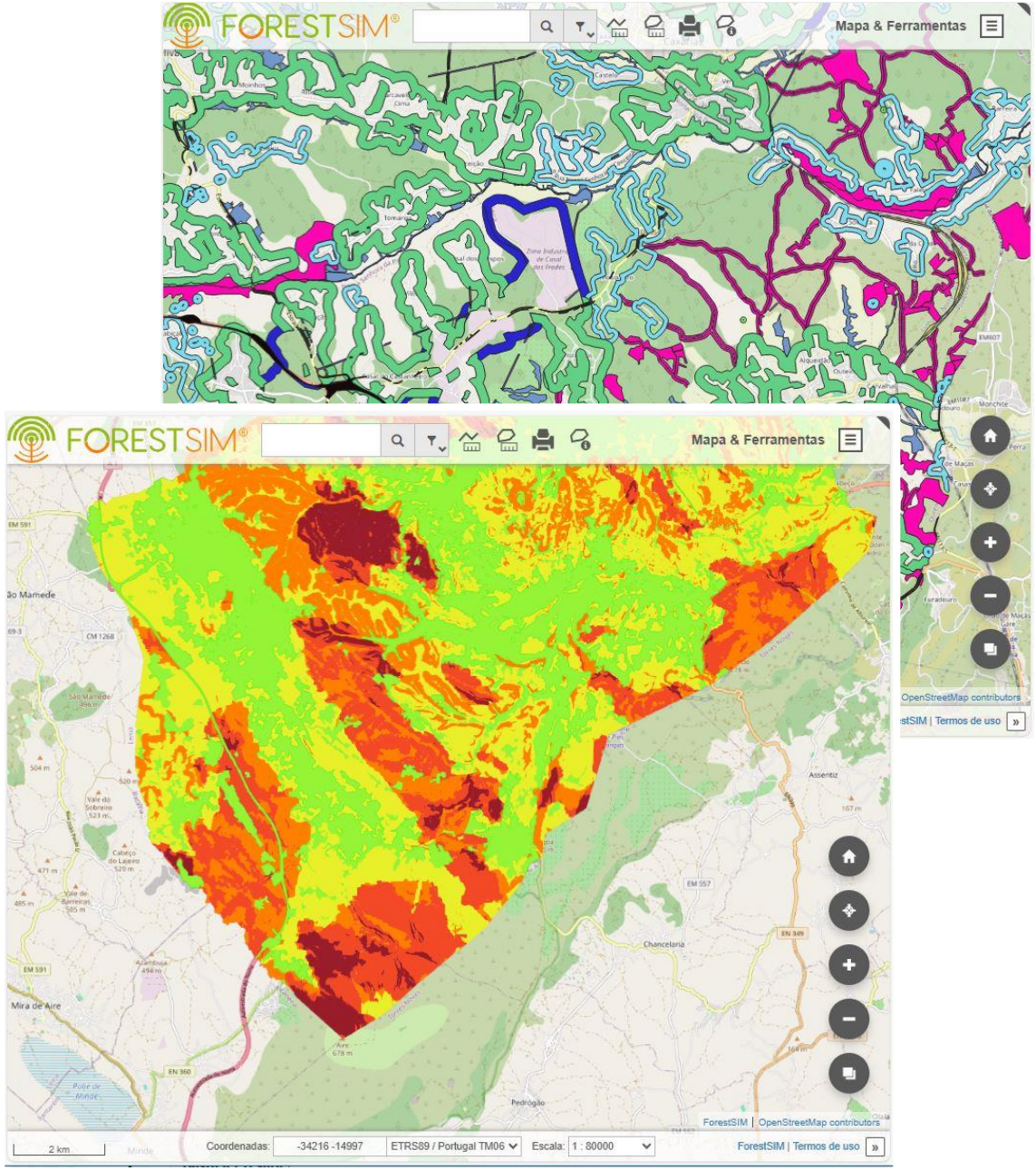
FORESTIM® AS A FIRE PREVENTION TOOL

- *Visualization of burned areas*
- *Visualization of Municipal Plans for Forest Defense Against Wildfires*
- *Visualization of Wildfire Danger*
- *Mapping of forest properties and production plots*



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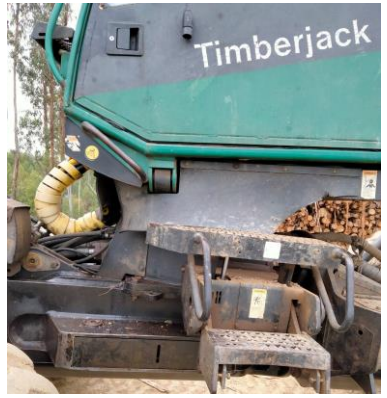
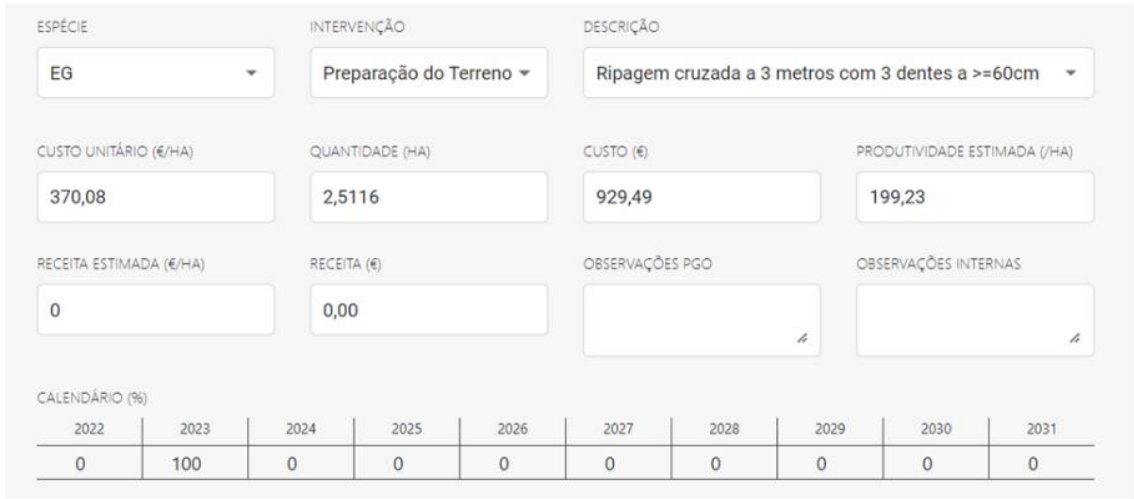
FORESTIM® AS A FIRE PREVENTION TOOL

- *Advice on **Best Forestry Practices** to mitigate wildfire impact*
- *Operational control of planned forest operations*
- *Compliance with national legislation*
- *Compliance with FSC Forest Management and Ecosystem Services certification standards*





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Help us improve **ForestSIM®**!

More information at:

WWW.2BFOREST.PT/FORESTSIM

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Thank you for listening!

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