

- **Example 7** – Assign site index (S) values to the NFI plots missing that information

Even-aged stands  
 $S = f(h_{dom}, t, 10)$



**279 NFI plots:**

139 plots with S

137 plots without S

**Because:**

tree heights were not measured or stand age not recorded (e.g. recently harvested stands)

Uneven-aged stands  
 $S = f(?, ??, ???)$



**69 NFI plots:**

Without S

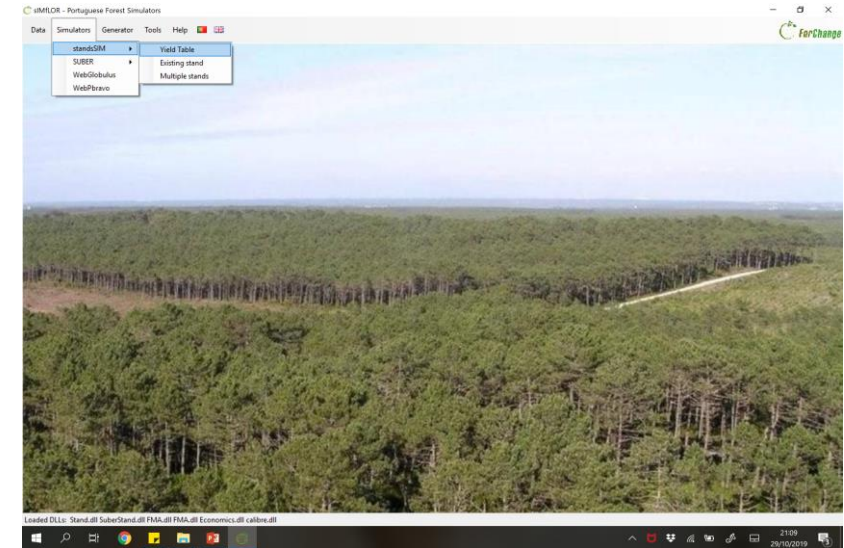
7) Suppose you need to prepare inputs to run some eucalyptus simulations using StandsSIM simulator. This tool requires information about site index (S), but S estimates are not available for all NFI plots.

The data in spreadsheet Ex\_7 shows that only 139 of the 348 plots have been assigned an S value.

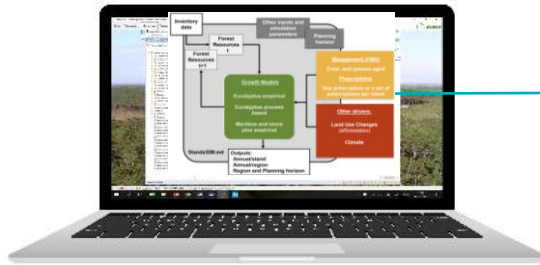
Use plots with S to build the distribution of NFI plots by S class and using Monte Carlo simulation assign S values to the remaining plots taking into consideration that S values lower than 8 and greater than 26 are not realistic. Consider S classes with range=1

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StandsSIM.md



Planted Stand



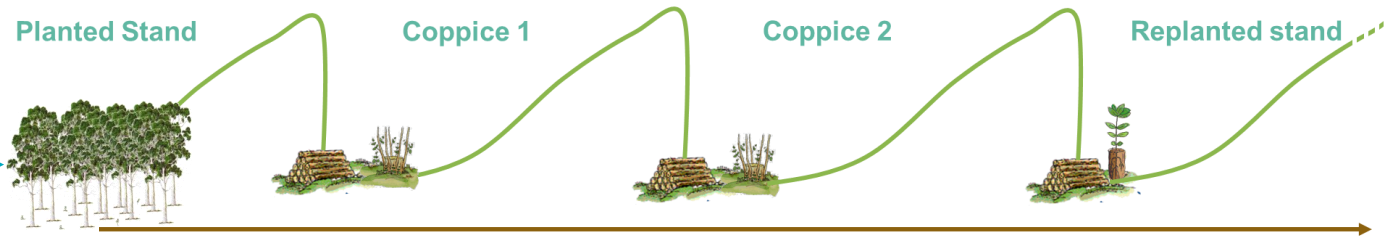
Coppice 1



Coppice 2



Replanted stand



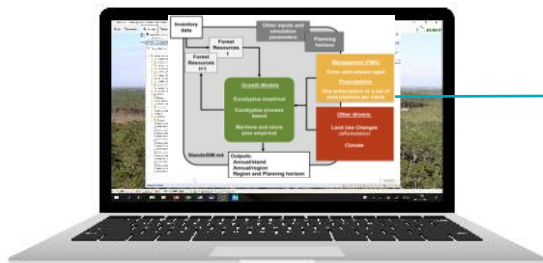
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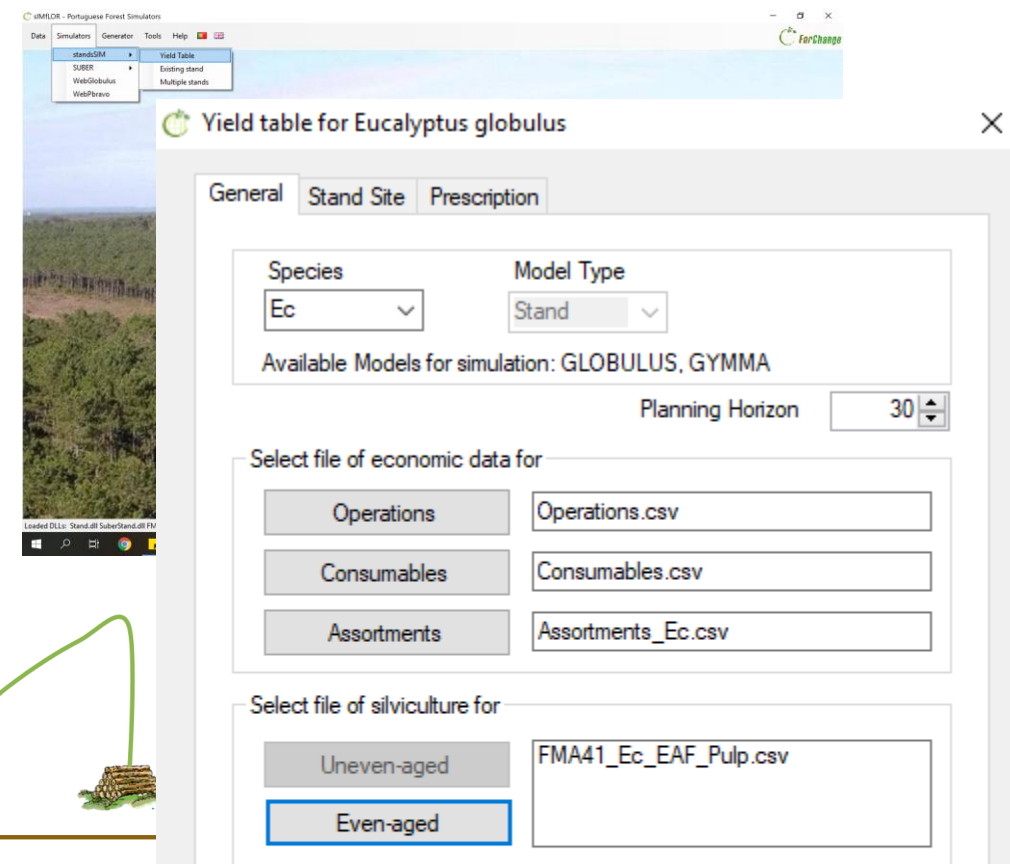
StandsSIM.md



Planted Stand



Coppice 1



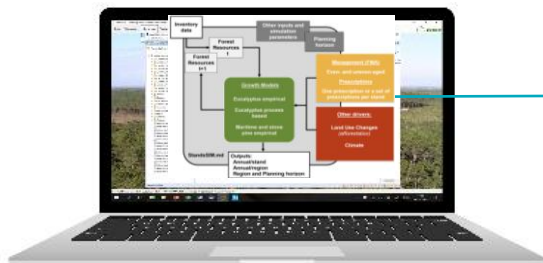
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Planted Stand



Coppice 1



Yield table for Eucalyptus globulus

Yield table for Eucalyptus globulus

General Stand Site Prescription

Topographic data

Altitud 0

Coordinate 0

Coordinate 0

Site Index

☐ NUT III ☐ Local

SI Classes

☒ SI Value (m) 19.0

Clima

Type Annual average

☐ Climatic Station

☐ Import

Climate data

☐ Insert Data

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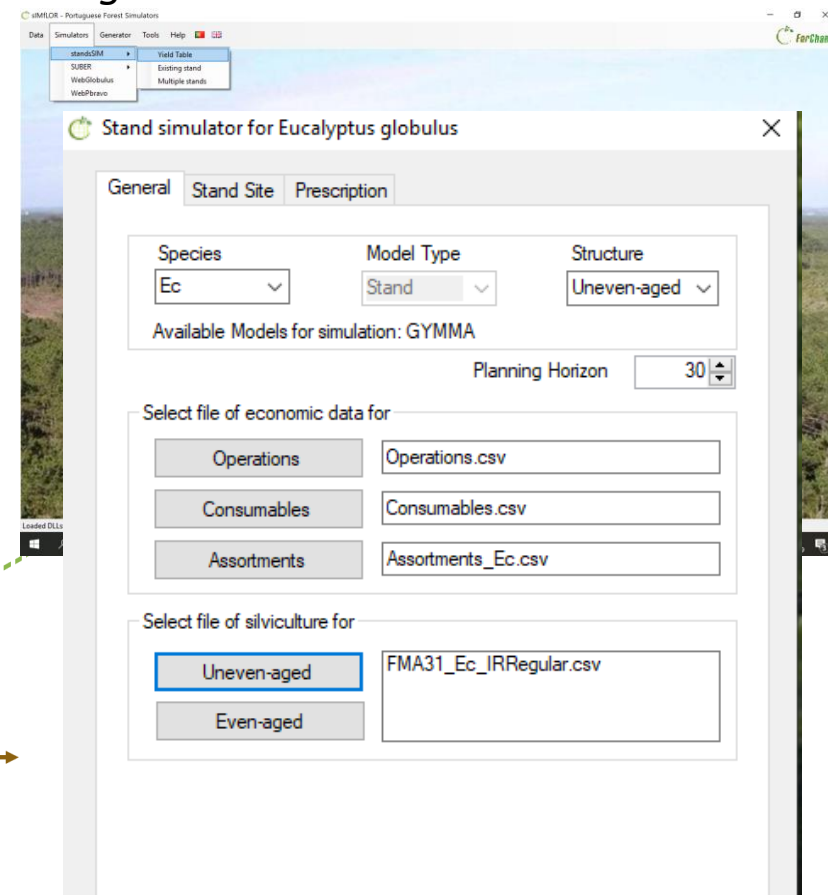
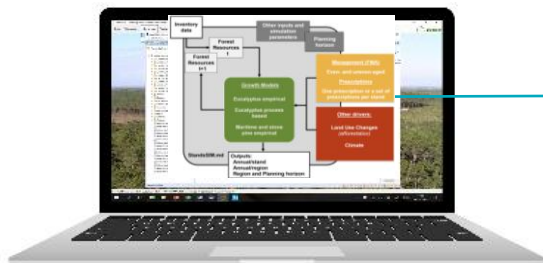
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**CONVERT:** Uneven- to Even-aged

$H_{dom} = ?$

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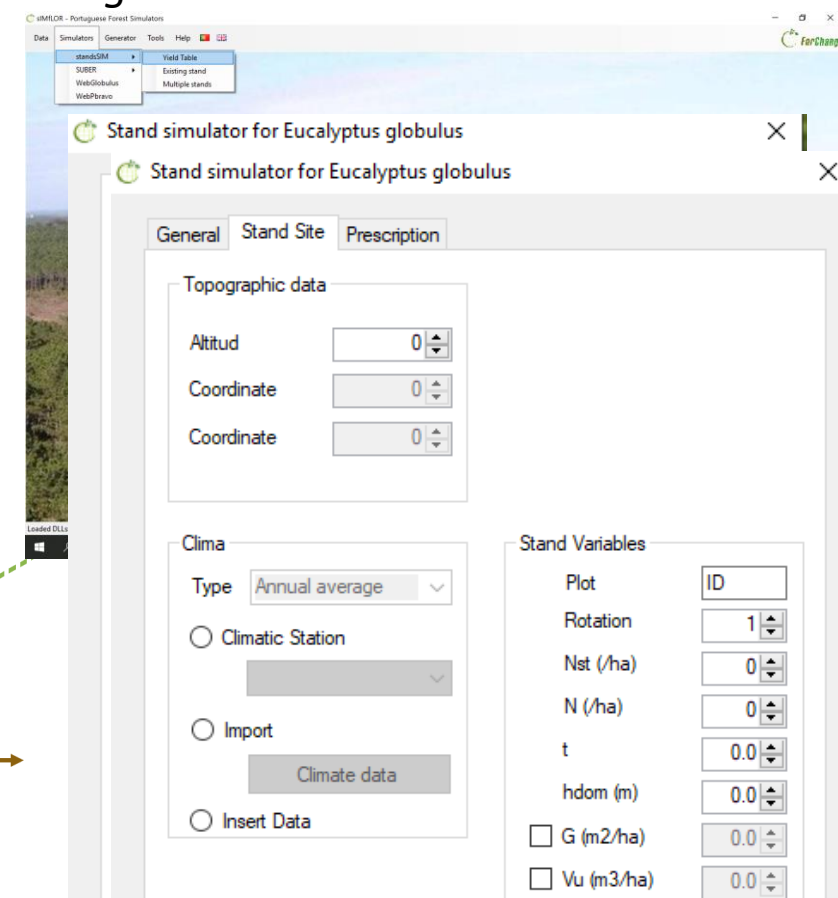
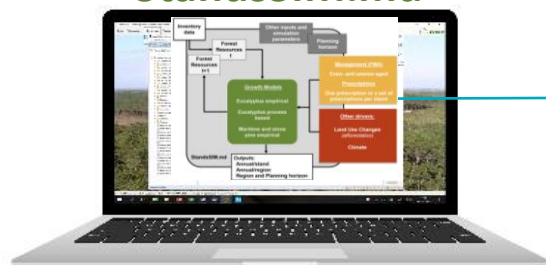
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