



SIMULWIND: maintenance **SIMUL**ator for the sustainability of European **WIND** farms

Project nº 2017-1-DE02-KA202-004261

IO3: WIND SIMULATOR “New practice instructions”



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GUIDE TO CARRY OUT A NEW PRACTICE

New practice: name, initial info, save. (active practice check)

The screenshot shows the 'ADMINISTRATOR' interface for 'SIMULWIND'. The left sidebar contains navigation options: 'PERFORM PRACTICE', 'PRACTICE MANAGEMENT' (highlighted), 'TOOL, MATERIAL AND PPEs MANAGEMENT', 'WIND TURBINE MODEL MANAGEMENT', 'USERS', and 'ADMINISTRATOR PROFILE'. The main area is titled 'NEW PRACTICE' and includes a 'DATA' tab. The form contains fields for 'Practice Name', 'Initial EPIS text', and 'Initial Practical Text'. On the right, there is an 'Explanatory video' section with a 'SELECT VIDEO' button and an 'ACTIVE PRACTICE' checkbox. A 'BACK TO LIST' link is in the top right corner. The Windows taskbar at the bottom shows the search bar and system clock (11:44, 20/11/2019).

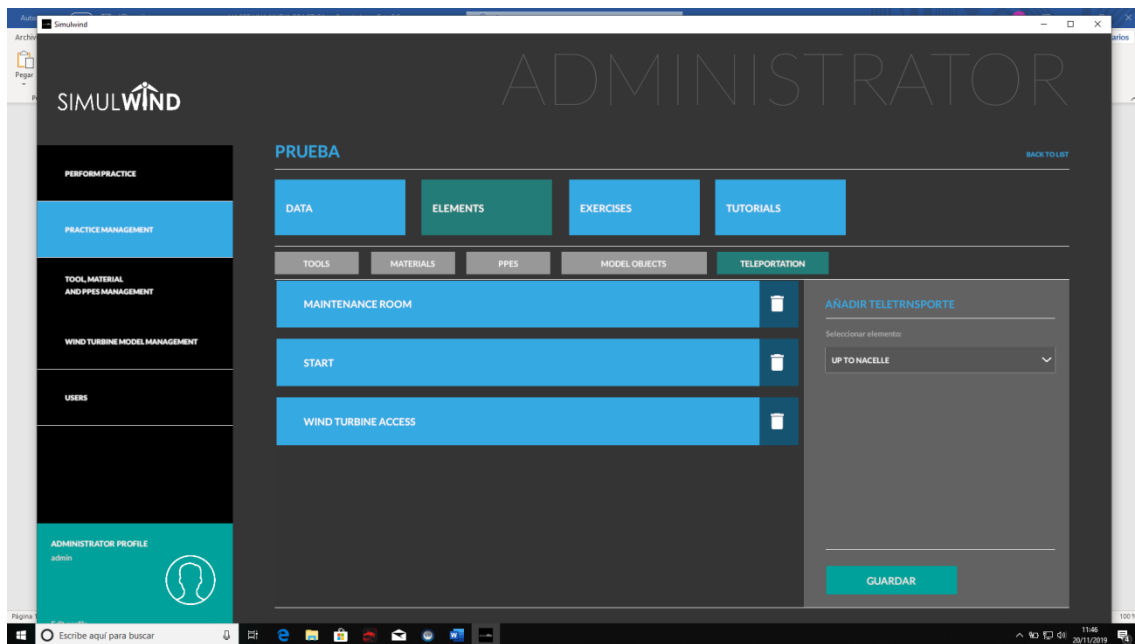
In practice management can be edited

To add the elements: tools, materials, PPEs is specified if they are necessary to leave the maintenance room.

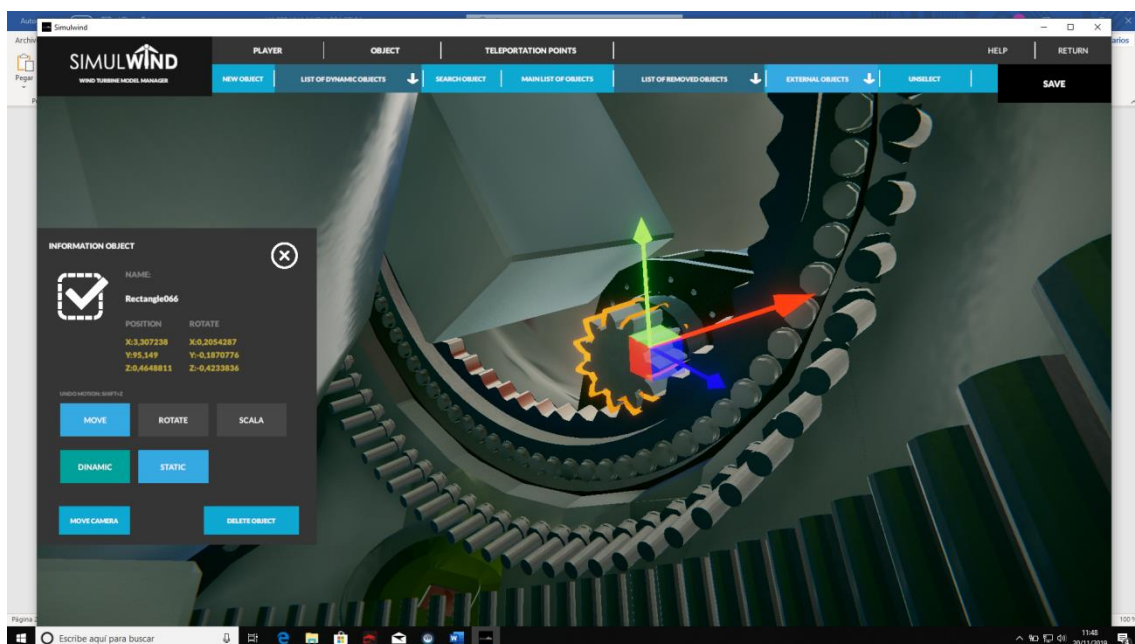
The screenshot shows the 'ADMINISTRATOR' interface for 'SIMULWIND' in the 'PRUEBA' (Test) section. The left sidebar is the same as the previous screenshot. The main area has tabs for 'DATA', 'ELEMENTS' (highlighted), 'EXERCISES', and 'TUTORIALS'. Under 'ELEMENTS', there are sub-tabs for 'TOOLS', 'MATERIALS', 'PPES', 'MODEL OBJECTS', and 'TELEPORTATION'. The 'TOOLS' sub-tab is active, showing three items: 'Wahita Tulsie', 'CALIPER', and 'Lever', each with an edit icon. On the right, the 'ADD OBJECT' form is visible, with a 'Select object' dropdown set to 'HEX WRENCH SET'. It includes checkboxes for 'Mandatory object' (YES/NO) and 'Hidden Object' (YES/NO), a note 'The tool is duplicated of a wind turbine element' with a 'YES' checkbox, and a 'SAVE' button. The Windows taskbar at the bottom shows the search bar and system clock (11:45, 20/11/2019).

You also have to add the teleport points that will be used

To add the things you have to select them in the menu on the right and give them to "save"



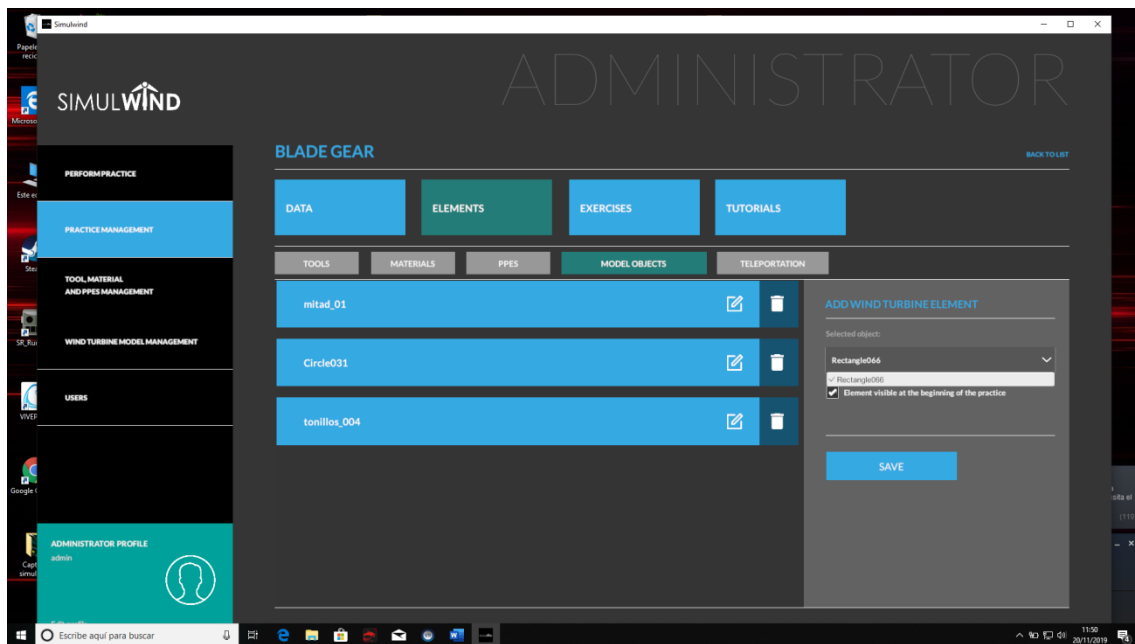
To add model objects of the turbine you have to enter wind turbine model management and make the objects that we want dynamic



In order to be clicked you have to have the object screen open

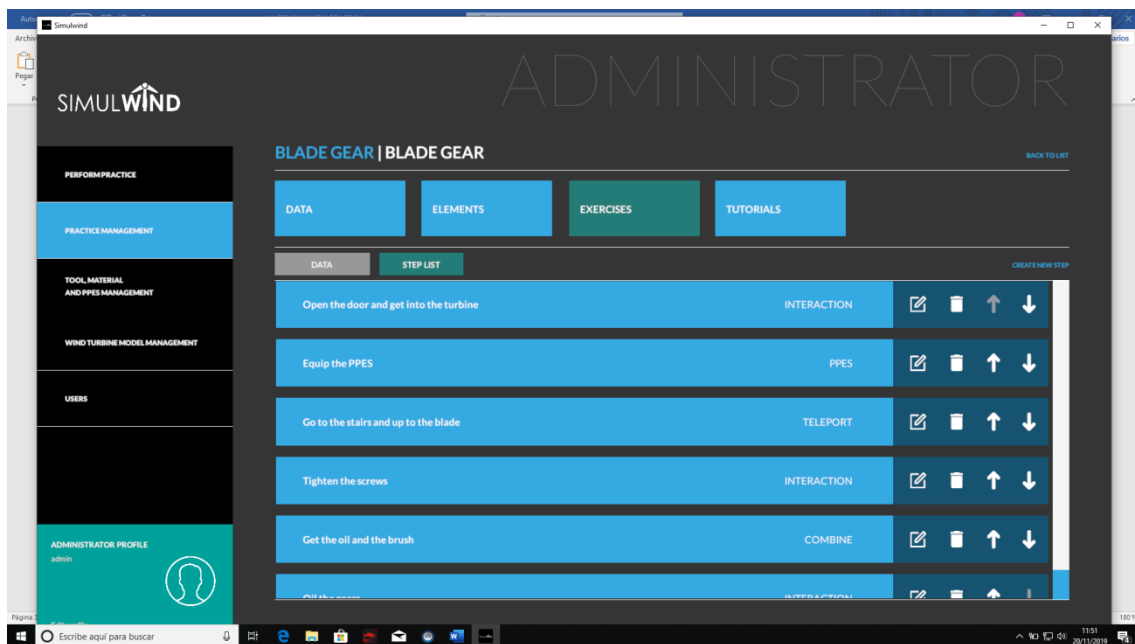
In case you cannot click you have to search them manually using the name that appears in the blender 3D model

Once dynamic facts you have to save and exit the application, when you reopen it and enter practice management they should appear in the list of model objects and can be added to elements.



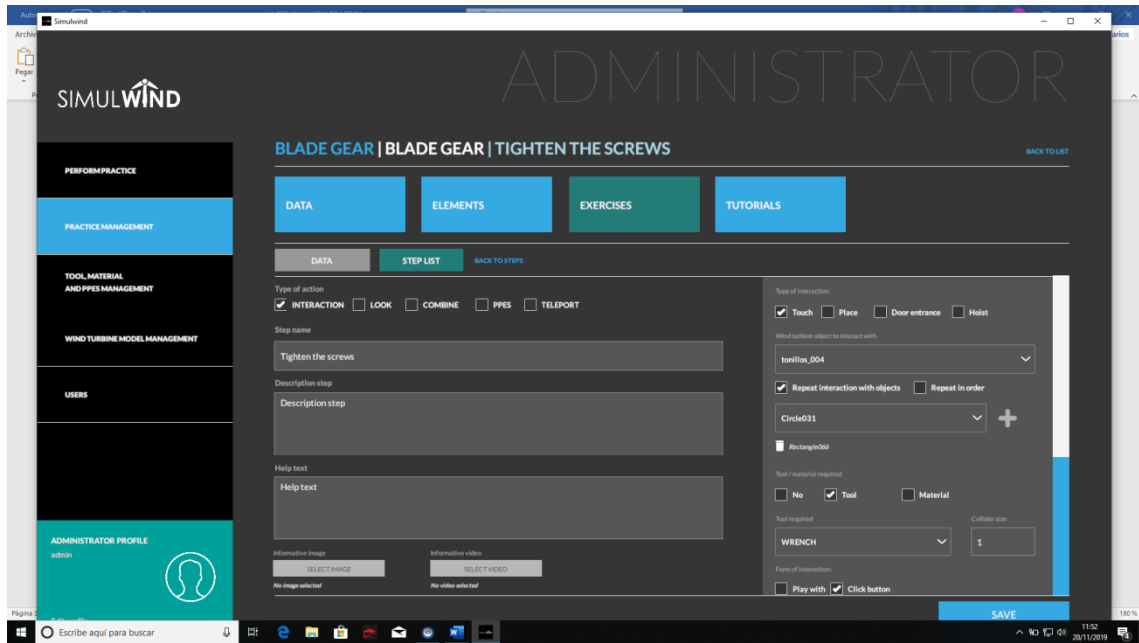
To do the steps: you do a new exercise, you give it a name and info

Once done you can edit and add the steps

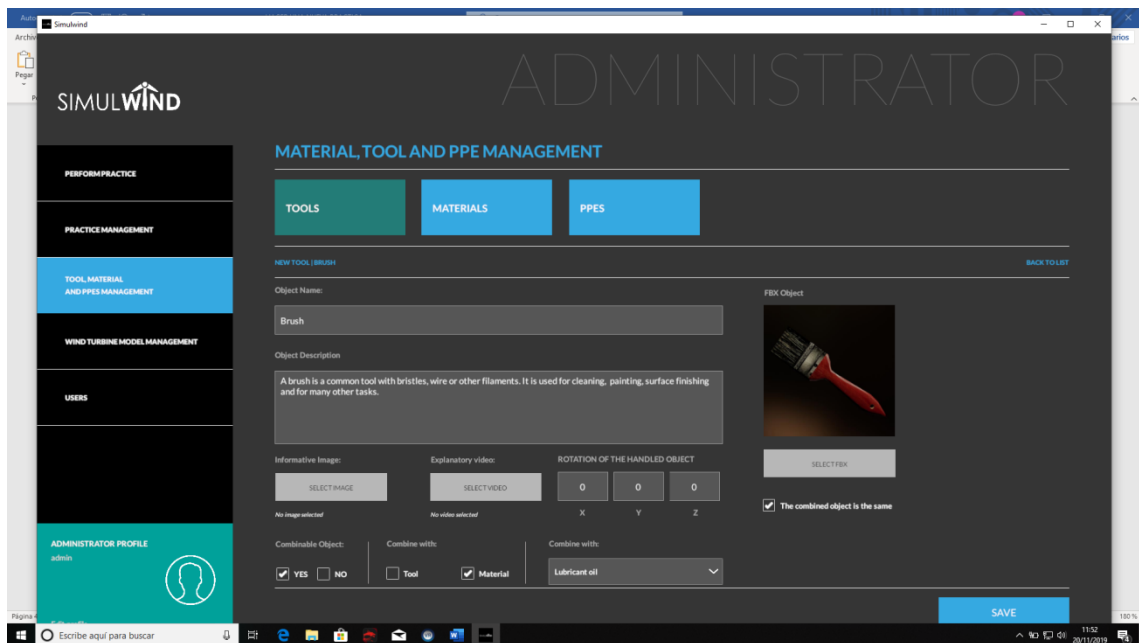


Things to keep in mind:

- -To make a model object have to be touched with a tool you have to check the box to repeat action with objects, although it will only be done with 1



- -For a tool can be combined with a material you have to go to the general list of items and check the box of combinable.



- In the part of the blades there is no floor and it is not possible to move during those steps

