The Responsible Business Simulator

Security Statement

Data Classification: Public

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pwc

Introduction

This document describes the application that can be opened through https://responsiblebusinesssimulator.pwc.nl

Please contact us if you need help opening or preparing a demo.

Demo cases

When opening the demo version of tRBS you can access five cases:

- Beerwiser - a fictional beer brewer
- DSM - a case on renewable energy sourcing
- Refugees - how to accommodate refugees
- Amplino - about investment in malaria medication
- IZZ - a case on optimizing spend for increased well being of health care employees

Create and account or login in

When going to the tRBS you will access the landing page and you can sign in using PwCs Multi Factor Authentication method (MFA) if an account has been created for you.

Click on the link and you will be redirected to the MFA procedure.
1. Fill in your e-mail address
2. Fill in your password
3. Follow the instructions to authenticate with your second factor (phone)

Once you are redirected to the tool you can read the terms and conditions and accept them.

Your first demo

When you are accessing the tool for the first time you need to go to *Case selection* in the menu on the left.

The box with the current selection shows if data is imported for the case you are looking at. Use the dropdown to select a case and hit *Save* to confirm.

Click the framework to get an overview of the steps of the Responsible Business Simulator.

If you want to create your own case this is explained in a later section.

When you have selected the case you want to view you can go to the *Import data* page

Import data

The left side of the Import data page gives instructions on the Load and Import functionality.

Use the *Load* button to fill your demo case with data.

With the full version of tRBS you will also use this page to import an Excel template and validate your input.

Once loading data is finished you can continue to the first step

Step 1

In step 1 you see the strategic challenge of the case.

Step 2

In step 2 you see the key outputs that came out of workshops and brainstorm sessions. The table displayed is filled using the Excel template or a preloaded case.

Key Output		Subtheme	Theme	Unit		Two Sided	Stb	Monetary	Automatic	Linear	Start	End	Threshold
Accidents reduction		⌄	People ⌄	#/year		☐	☐	☐	☑	☑			
Water use reduction		⌄	Planet ⌄	hl/year		☐	☐	☐	☑	☑			
Production cost reduction		⌄	Profit ⌄	%		☐	☐	☐	☑	☐			

Step 3

In step 3 you can play around with the loaded internal variable inputs. Use the right section of the page to add or adjust internal variable inputs.

The shown table is a combination of drivers with type INTERNAL_INPUT and the driver values.

Step 4

In step 4 you can play around with the loaded external variable inputs. The shown table is a combination of drivers with type EXTERNAL_INPUT. Use the right section of the page to add or adjust internal variable inputs

Step 5

Use this step to verify your uploaded data and hit the run button in the middle of the screen to calculate your model outcomes. Use the right side of the page to go over the validation steps.
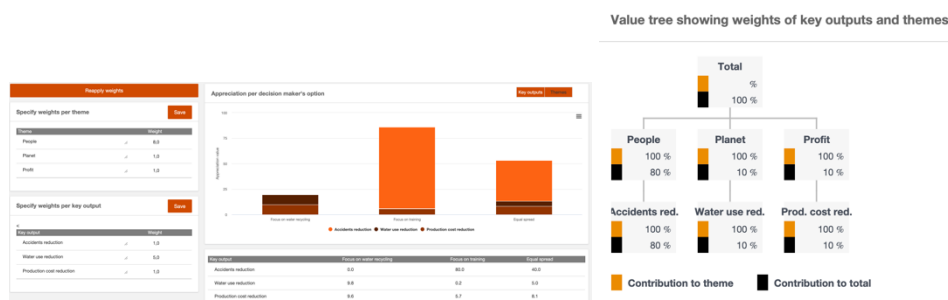
Step 6

In step six you validate you results. You can click to one of the four subpages of step six.

The weights can be adjusted in the page *Assign priorities.* Change the numbers next to the key outputs and themes and click save. Then click the button *Reapply weights* to re-evaluate the model with the new weights.
The page *Compare priorities* shows the tree with weights of the KPIs and themes resulting from the choices of weights in *Assign priorities.*

The other two sub steps of step 6 are to optimize the simulation and to show visuals for cases with KPIs and sub KPIs.

Optimization		Compare the options	
Go to Optimization ⓘ		**Go to Compare options** ⓘ	
Optimization		Compare the options	
- Set boundaries and constraints .		- Get more insight in how key-outputs contribute to the themes by means of pie and bar charts	
- Optimize the decisionmakers option.			

Step 7

Assign weights to the scenarios to incorporate your risk appetite.

How to reflect risk appetite?

Scenario weights reflect the risk appetite of the decision maker. E.g., putting more weight on a pessimistic scenario means that the optimal decision is geared more towards a negative outlook. In the next table, these scenario weights can be specified. By pressing the "Calculate appreciations" button, appreciations per scenario and overall are displayed.

Specify scenario weights   [Save]

Scenario		Weight
Base case	✎	1,0
Optimistic	✎	1,0
Pessimistic	✎	1,0

Appreciation per decision maker's option per scenario

Appreciation per decision maker's option including risk appetite

Summary

The summary page shows an overview of your case and has all the elements of the 7-step Responsible Business Simulator framework. The panel on the right can be folded to hide and give a more clear overview of the summary page. In this panel you can adjust the weights. Please not that you need to confirm after adjusting before hitting the button *Reapply weights.*
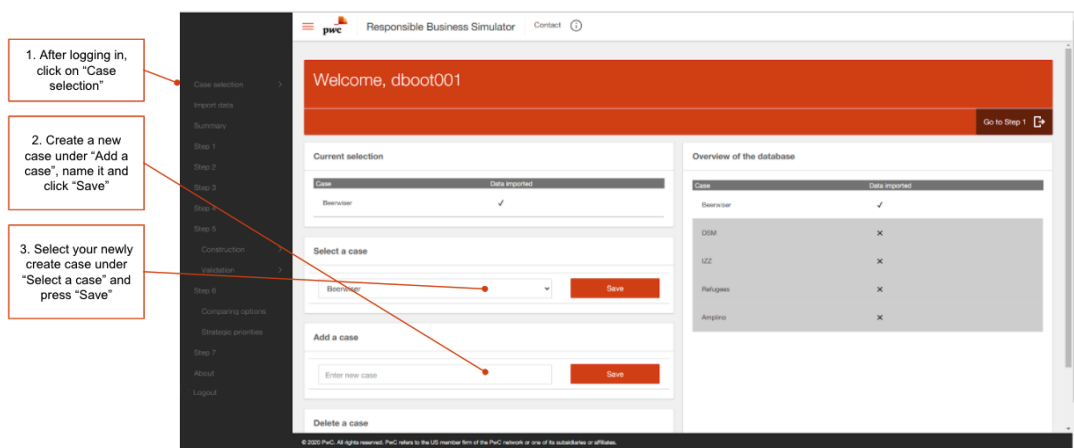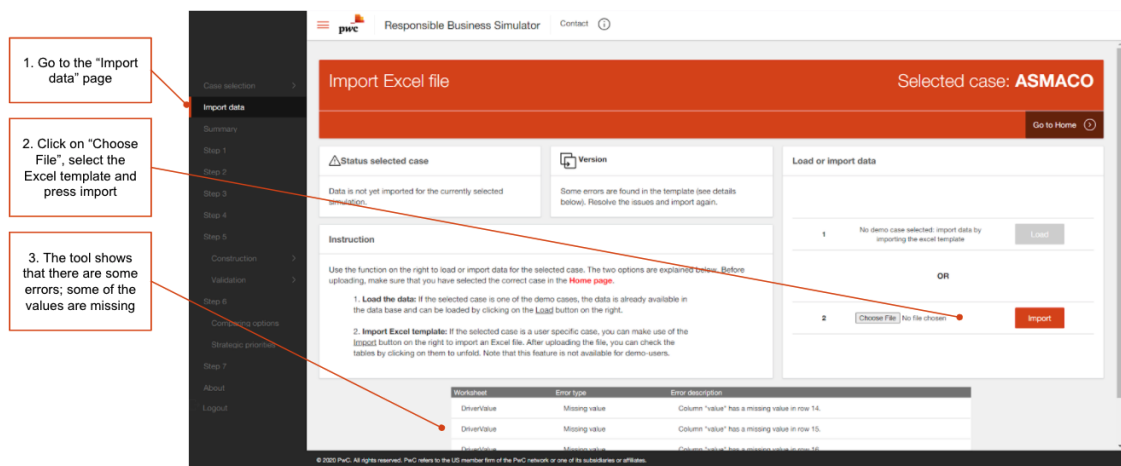

Create your own case

When in the *Case selection* page you can create your own (uniquely named) case that is automatically selected. Please be aware after creating your case you need to import an Excel sheet in the page *Import data.*

1. After logging in, click on "Case selection"

2. Create a new case under "Add a case", name it and click "Save"

3. Select your newly create case under "Select a case" and press "Save"

In

1. Go to the "Import data" page

2. Click on "Choose File", select the Excel template and press import

3. The tool shows that there are some errors; some of the values are missing
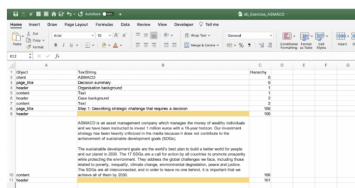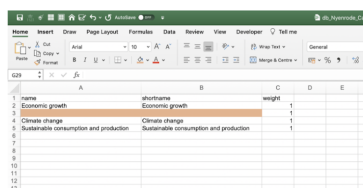
Create your own template

Use as a basis an existing template, for example download the Beerwiser from the Excel Export date. Then start filling the template for your own case.
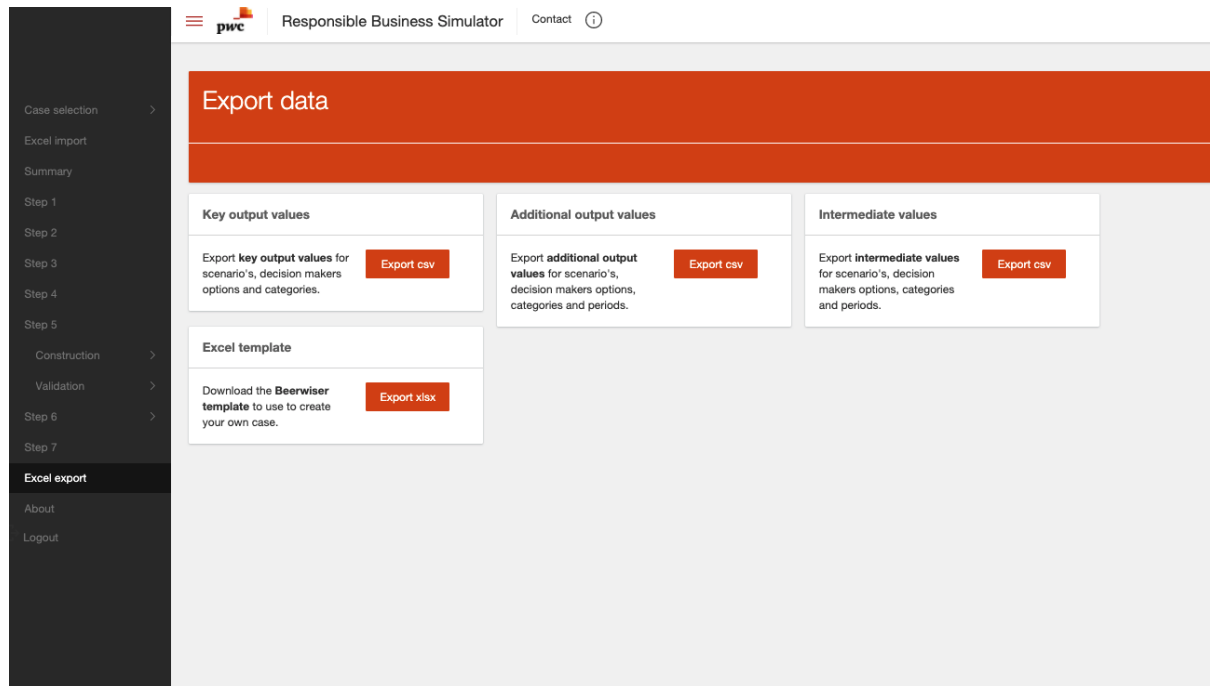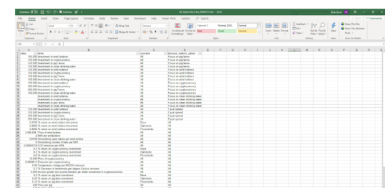

FrontEndDescriptions should be filled with case specific information. Important fields are language: NL/EN. This adjusts several generic buttons in the tool.
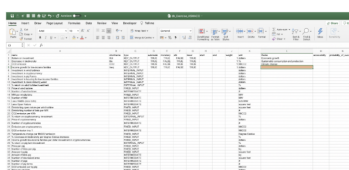

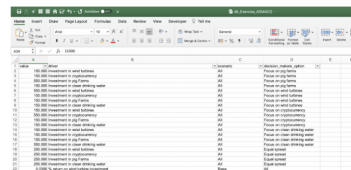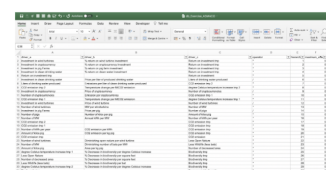FrontEndDescription

Theme

DecisionMakersOption / Scenario

Driver

DriverValue

Dependency

Then the sheets Theme, Driver, DecisionmakersOption, Scenario, DriverValue and Dependency should be filled.

Please take care of the following:

- Sheets should always be in this order and with the exact names:
    - FrontEndDescription
    - Theme,
    - Driver,
    - DecisionMakersOption,
    - Scenario,
    - DriverValue
    - Dependency
- Variables referring to each other between sheets (for example drivers and driver_values) should have identical names
- No additional columns should be added
- No additional empty rows should be added
- Sometimes Excel perceives touching a row or column as placing a value there. This might lead to errors in the validation of seemingly empty rows or columns. To resolve this please select all the rows below or columns to the right of the actual data and delete those (ctrl + '-').