

# ALCOA eVALUATOR for Endur-AI™

## User guide

### General Information

The eVALUATOR is organized as follows:

- In the top of the screen there is the selection bar to move from one Tab to another.
- Below the selection bar, the screen is divided into two main areas: to the left you can see an explanation of the subject of the Tab and below of it you can see the area with the editable parameters\*; to the right you can see a "Did you know?" area, a summary of the financial analysis and the condensed chart that compares investment versus saving on the vehicle lifespan. If you click on the "EXPAND" button below the chart you can see the cash flow chart and a summary of the main benefits on the vehicle lifespan.

\*the default values of the parameters are based on market data; you can edit each parameter in order to customize the evaluation on your specific reality

### TAB 1: Fleet Profile

1. Select the type of tipper for which you want to do the analysis.
2. Customize the values for the two parameters.
3. Move to Tab 2: "Fuel saving".

### TAB 2: Fuel saving

1. Customize the values for the nine parameters.  
Pay attention that the sum of the three yellow areas must be equal to 100% when you have finished editing the values.  
Pay attention that the sum of the three violet areas must be equal to 100% when you have finished editing the values.
2. In the "Did you know?" area you have the possibility to evaluate what we have called "Secondary Fuel Saving" that is the fuel saving originated by the increased efficiency of the transport system thanks to the increased load capacity, that allows to run less km per year to carry a certain amount of load. If you insert 0% you not consider this secondary fuel saving, contrariwise if you insert 100% you consider it at his maximum theoretical value.
3. Move to Tab 3: "Additional payload".

### TAB 3: Additional payload

1. Customize the values for the six parameters.
2. Move to Tab 4: "Maintenance".

### TAB 4: Maintenance

1. Select the material that you load more frequently.
2. Compare how much your potential saving decrease if you use a common aluminum alloy like 5083 H111, instead of Alcoa ENDUR-AL™.
3. Customize the values for the others four parameters.
4. Move to Tab 5: "Scrap value".

#### TAB 5: Scrap value

1. Customize the values for the two parameters.
2. Move to Tab 6: "Green".

#### TAB 6: Green

1. Customize the values for the two parameters.
2. Click on the "EXPAND" button below the chart to visualize the cash flow chart and the summary of the main savings.