

Results of project: Comparison of PET Bottle vs Steel

Introduction

In the following the results of the project are shown. This is a default template for the report of the project results. You can configure this template via the project editor by

- changing the text of the sections,
- adding or removing sections,
- moving sections around,
- and selecting visual components that should be shown.

Note that you can also use HTML elements to format the section texts. Additionally, you can export this report as an HTML page using the export button in the toolbar of the report view.

Project Variants

This table shows the name and description of the variants as defined in the project setup. The variant names of the project setup are used for all charts and tables of the other report components.

Variant	Description
SS	
PET	

Selected LCIA Categories

The table below shows the LCIA categories of the selected LCIA method of the project. Only the LCIA categories that are selected to be displayed are shown in the report. Additionally, a user friendly name and a description for the report can be provided.

Indicator	Unit	Description
Abiotic depletion	kg Sb eq	
Abiotic depletion (fossil fuels)	MJ	
Acidification	kg SO ₂ eq	
Eutrophication	kg PO ₄ --- eq	
Fresh water aquatic ecotox.	kg 1,4-DB eq	
Global warming (GWP100a)	kg CO ₂ eq	
Human toxicity	kg 1,4-DB eq	
Marine aquatic ecotoxicity	kg 1,4-DB eq	
Ozone layer depletion (ODP)	kg CFC-11 eq	
Photochemical oxidation	kg C ₂ H ₄ eq	
Terrestrial ecotoxicity	kg 1,4-DB eq	

LCIA Results

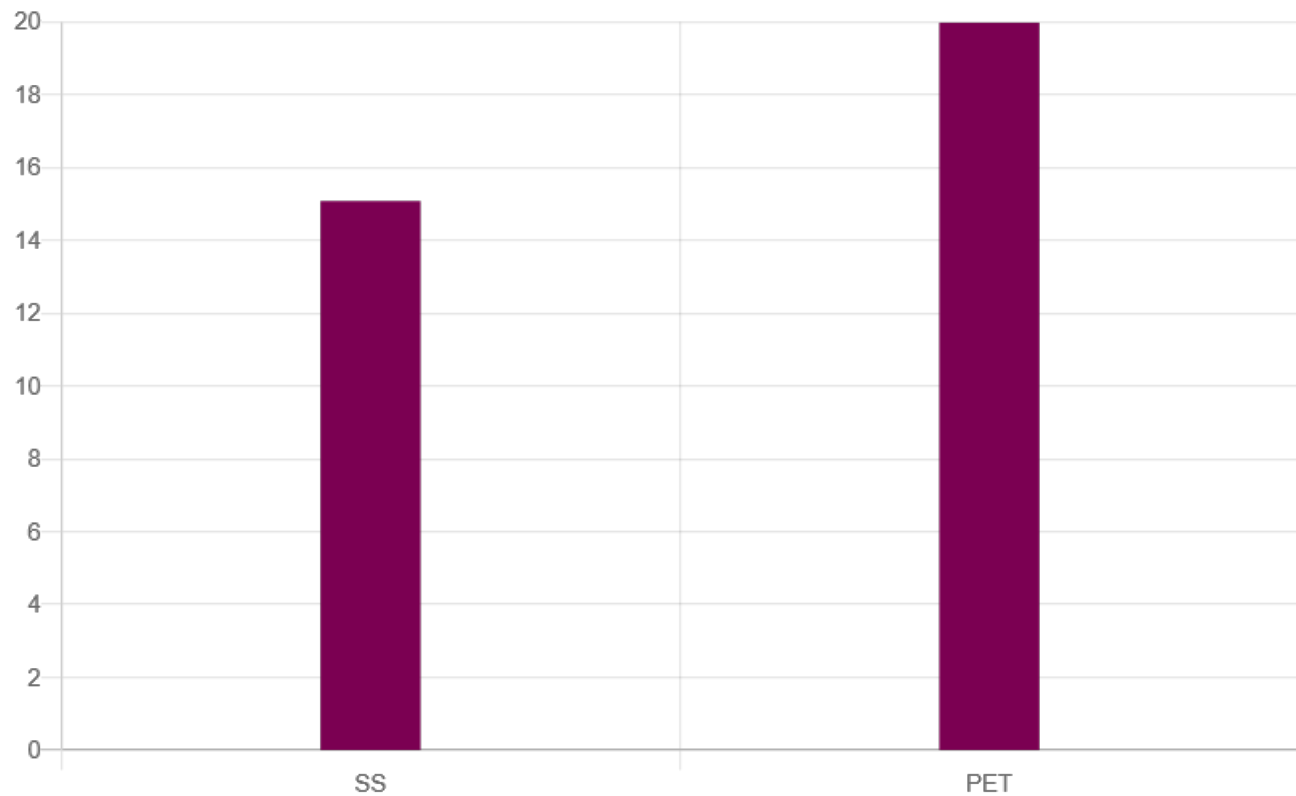
This table shows the LCIA results of the project variants. Each selected LCIA category is displayed in the rows and the project variants in the columns. The unit is the unit of the LCIA category as defined in the LCIA method.

Indicator	SS	PET	Unit
Abiotic depletion	2.05183e-4	2.25887e-3	kg Sb eq
Abiotic depletion (fossil fuels)	1.94745e+2	4.27338e+2	MJ
Acidification	5.80785e-2	7.05581e-2	kg SO ₂ eq
Eutrophication	3.19740e-2	3.54252e-2	kg PO ₄ --- eq
Fresh water aquatic ecotox.	8.98358e+0	1.14928e+1	kg 1,4-DB eq
Global warming (GWP100a)	1.50802e+1	1.99819e+1	kg CO ₂ eq
Human toxicity	1.39294e+1	1.99710e+1	kg 1,4-DB eq
Marine aquatic ecotoxicity	1.79950e+4	2.39207e+4	kg 1,4-DB eq
Ozone layer depletion (ODP)	1.62954e-6	6.02715e-5	kg CFC-11 eq
Photochemical oxidation	3.01663e-3	4.62857e-3	kg C ₂ H ₄ eq
Terrestrial ecotoxicity	8.73419e-2	8.34745e-2	kg 1,4-DB eq

Single Indicator Results

The following chart shows the single results of each project variant for the selected indicator. You can change the selection and the chart is dynamically updated.

Global warming (GWP100a)

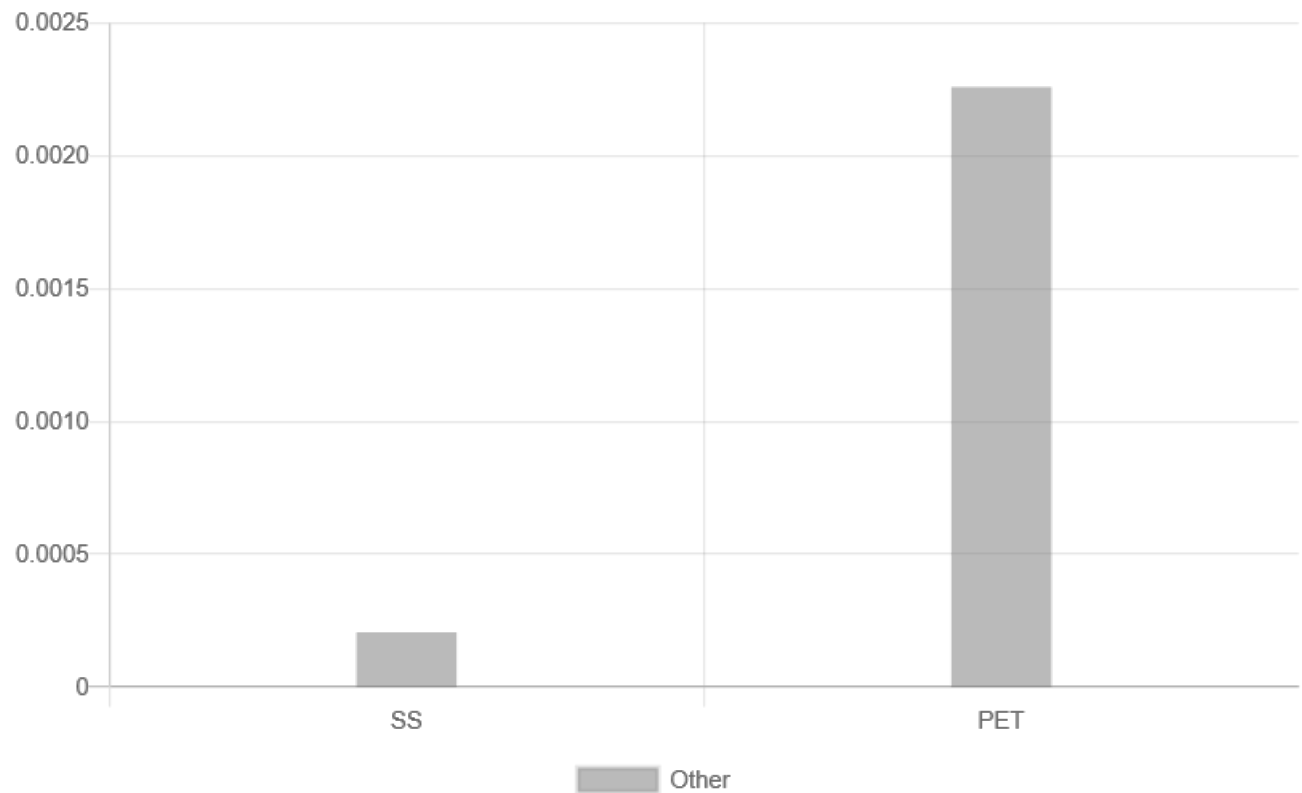


Process Contributions

This chart shows the contributions of the selected processes in the project setup to the variant results of the selected LCIA category. As for the single indicator results, you can change the selection and the chart is dynamically updated.

Abiotic depletion





Relative Results

The following chart shows the relative indicator results of the respective project variants. For each indicator, the maximum result is set to 100% and the results of the other variants are displayed in relation to this result.

