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# **WasteAndMaterialFootprint Documentation**

***Release 0.1.11***

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**Dec 26, 2023**



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**CHAPTER  
ONE**

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## **INTRODUCTION**

The WasteAndMaterialFootprint tool is a python package that allows one to calculate the waste and material footprint of any product or service inside of the life cycle assessment database ecoinvent. The tool is based on the paper

**\* THESE DOCUMENTS ARE STILL UNDER CONSTRUCTION \***

The full api reference is available on this site, however

### **1.1 Motivation**

### **1.2 Limitations**



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**CHAPTER  
TWO**

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**INSTALLATION**



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**CHAPTER  
THREE**

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**USAGE**



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**CHAPTER  
FOUR**

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**EXAMPLES**

See the *examples* directory for an examples of how to use the WasteAndMaterialFootprint package. The folder *batteries* contains a small case study using the package to calculate the waste and material footprints of several battery technologies in ecoinvent 3.10.



## API REFERENCE

### 5.1 WasteAndMaterialFootprint package

#### 5.1.1 WasteAndMaterialFootprint.main module

#### 5.1.2 Submodules

#### 5.1.3 WasteAndMaterialFootprint.ExchangeEditor module

#### 5.1.4 WasteAndMaterialFootprint.ExplodeDatabase module

#### 5.1.5 WasteAndMaterialFootprint.FutureScenarios module

#### 5.1.6 WasteAndMaterialFootprint.MakeCustomDatabase module

#### 5.1.7 WasteAndMaterialFootprint.MethodEditor module

#### 5.1.8 WasteAndMaterialFootprint.SearchMaterial module

#### 5.1.9 WasteAndMaterialFootprint.SearchWaste module

#### 5.1.10 WasteAndMaterialFootprint.VerifyDatabase module



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**CHAPTER  
SIX**

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**INDICES AND TABLES**

- genindex
- modindex
- search