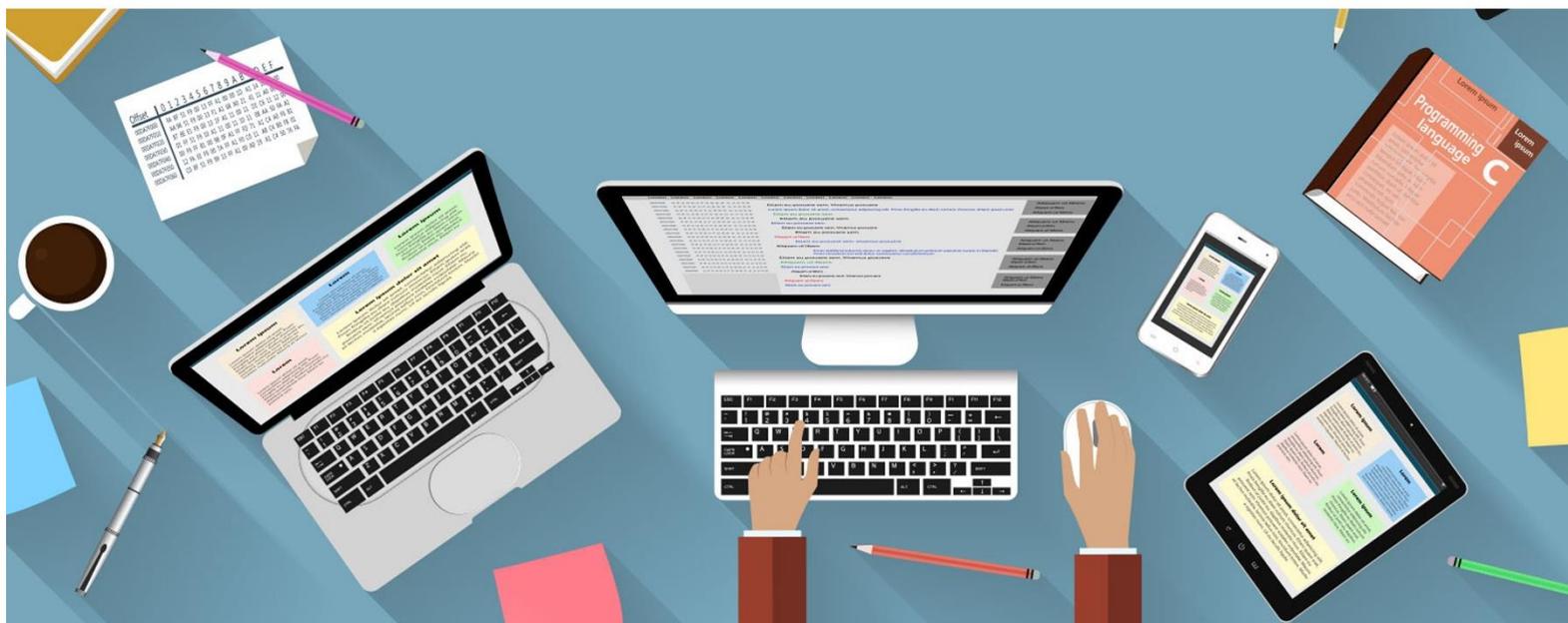




歐盟EF資料庫

流性質、單位群、資料來源介紹



流性質介紹

影片內容概要

資料庫-流性質網址:

https://ecoinvent.lca-data.com/flowpropertyList.xhtml?stock=EF2_0_Chemicals

entries: 264 (264 total) (page 1 of 27) 1 2 3 4 5 6 7 8 9 10 10 entries per page			
名稱	類別	預設單位群	預設單位
Ag_wt	Quantities / Technical quantities / material content	Unit of mass	kg
Aluminium and aluminium alloys (unspecified)	Quantities / Technical quantities / VDA material classification / 2 Lights alloys, cast and wrought alloys / 2.1 Aluminium and aluminium alloys	Unit of mass	kg
Aluminium content	Chemical composition of flows	Units of mass	kg
Antimony content	Chemical composition of flows	Units of mass	kg
Area	Technical flow properties	Units of area	m2
Area*time	Technical flow properties	Units of area*time	m2*a
Argon content (mass)	Chemical composition of flows	Units of mass	kg
Arsenic content	Chemical composition of flows	Units of mass	kg
Ash_wt	Quantities / Technical quantities / material content	Unit of mass	kg
As_wt	Quantities / Technical quantities / material content	Unit of mass	kg

流性質係指與流(Flows)相關的性質/技術說明，包含化學成份、環境性質、技術性質...等
目前共有264項流性質資訊。

影片內容概要

類別(Category)

類別(Category)	預設單位群集 (Default Unit Group)	預設單位 (Default Unit)
化學成份(Chemical composition of flows)	質量(Unit of Mass)	Kg
環境量(Environmental quantities)	面積(Unit of area)	M2
EDIP 1997*a	面積*時間(Unit of area*time)	M2*a
其他流性質(Other flow properties)	生物生產量(Biotic Production Unit)	Kg/a
數量(Quantities)	標準體積(Unit of standard volume)	Nm3
Crim(未知類別)	GWP(Unit of GWP)	Kg CO2eq
歐洲環保署-相關指標(EAA indicators)	生物性資源枯竭(Unit of Abiotic resource consumption, CML 2001)	Kg Sbeq
Ecoinvent	酸化潛勢(Unit of acidification potential)	Unit of acidification potential
經濟量(Economic quantities)	優養化潛勢(Unit of nitrification potential)	Unit of nitrification potential
土地利用量(Land use quantities)	淡/海水生態毒性(Unit of Freshwater/Marine Aquatic	Unit of Aquatic Eco-toxicity

影片內容概要

Flow Property data sets

entries: 264 (264 total) (page 1 of 27)  10 entries per page

Name ^	Category ^	Default Unit Group ^	Default Unit ^
Ag_wt	Quantities / Technical quantities / material content	Unit of mass	kg
Aluminium alloys (unspecified)	Quantities / Technical quantities / VDA material classification / 2 Lights alloys, cast and wrought alloys / 2.1 Aluminium and aluminium alloys	Unit of mass	kg
Aluminium content	Chemical composition of flows	Units of mass	kg
Antimony content	Chemical composition of flows	Units of mass	kg
Area	Technical flow properties	Units of area	m2
Area*time	Technical flow properties	Units of area*time	m2*a
Argon content (mass)	Chemical composition of flows	Units of mass	kg
Arsenic content	Chemical composition of flows	Units of mass	kg
Ash_wt	Quantities / Technical quantities / material content	Unit of mass	kg
As_wt	Quantities / Technical quantities / material content	Unit of mass	kg

entries: 264 (264 total) (page 1 of 27)  10 entries per page

點開任一項目(例如: Ag wt)

影片內容概要

Flow Property data set overview page

Data set: Ag_wt (22.00.000)

[View complete dataset](#)

[Download data set as XML file](#)

Name Ag_wt	Unit Group Unit of mass	Default Unit kg	
Classification Quantities / Technical quantities / material content			Synonyms
General comment			

該項目的名稱為Ag_wt

單位群集屬於質量單位

使用的單位為kg

特徵(Classification):數量(quantities)/技術含量(Technical quantities)/物質含量(material content)

影片內容概要

Flow Property data set overview page

Data set: Ag_wt (22.00.000)

		View complete dataset	Download data set as XML file
Name Ag_wt	Unit Group Unit of mass	Default Unit kg	
Classification Quantities / Technical quantities / material content			Synonyms
General comment			

點開完整數據集 “view complete dataset”

影片內容概要

Flow Property Data set: Ag_wt (en) en

- ▶ Flow Property information
- ▶ Modelling and validation
- ▶ Administrative information

共有三個部分，分別為：

- 數據資訊(Data set information)
- 建模與驗證(Modelling and Validation)
- 行政資訊(Administrative information)

影片內容概要

數據資訊(Data set information)

▼ Flow Property information	
Data set information	
Name	Ag_wt
Classification	Class name : Hierarchy level GaBiCategories: Quantities / Technical quantities / material content
Quantitative reference	
Default Unit	<u>Unit of mass</u> (kg)

名稱(Name):Ag_wt

特徵(Classification)

類別名稱(Class Name): 層次結構級別(Hierarchy level)

GaBi類別(GaBi Categories): 數量(Quantities) / 技術含量(Technical quantities) / 物質含量(material content)

量化參考(Quantitative reference)

預設單位(Default Unit): 質量單位-公斤(Unit of mass- kg)

影片內容概要

建模與驗證(Modelling and Validation)

▼ Modelling and validation

Compliance Declarations

Compliance	Compliance system name <u>ILCD compliance 1.1</u>	Approval of overall compliance <i>Fully compliant</i>
------------	--	--

符合性宣告(Compliance Declarations)

符合的系統名稱(Compliance system name): ILCD compliance 1.1

整體符合性的許可(Approval of overall compliance): 完全符合(Fully compliance)

影片內容概要

行政資訊(Administrative information)

▼ Administrative information	
Data entry by	
Time stamp (last saved)	2011-07-01T10:18:10+01:00
Data set format(s)	<u>ILCD format 1.1</u>
Publication and ownership	
UUID	29e690b7-91ee-466e-a6b5-364cae4fb066
Data set version	22.00.000

時間戳記-最後更新(Time stamp-last saved):2011-07-01

資料庫格式(Data set format): ILCD format 1.1

出版及所有權(Publication and ownership)

UUID: 29e690b7-91ee-466e-a6b5-364cae4fb066

資料庫版本(data set version): 22.00.000

單位群介紹

影片內容概要

資料庫-單位群網址:

https://ecoinvent.lca-data.com/unitgroupList.xhtml?stock=EF2_0_Chemicals

Unit Group data sets

entries: 50 (50 total) (page 1 of 5) ◀ ◀◀ 1 2 3 4 5 ▶▶ ▶ 10 ▾ entries per page		
名稱	類別	預設單位
Areatime-unit	Units / Technical units	m2*yr
Biotic Production Unit (Occ.)	Units / Land use units	kg
Biotic Production Unit (Transf.)	Units / Land use units	kg/a
Erosion Resistance Unit (Occ.)	Units / Land use units	kg
Erosion Resistance Unit (Transf.)	Units / Land use units	kg/a
Groundwater Replenishment Unit (Occ.)	Units / Land use units	mm*m2
Groundwater Replenishment Unit (Transf.)	Units / Land use units	(mm*m2)/a
Mechanical Filtration Unit (Occ.)	Units / Land use units	cm*m ²
Mechanical Filtration Unit (Transf.)	Units / Land use units	cm*m2/d
Physicochemical Filtration Unit (Occ.)	Units / Land use units	(cmol*m2*a)/kg

entries: 50 (50 total) (page 1 of 5) ◀ ◀◀ **1** 2 3 4 5 ▶▶ ▶ 10 ▾ entries per page

單位群(Unit group data sets)集合資料庫中所使用的單位，可在此處查詢相關單位的資訊，包含數據資訊...等。

影片內容概要

Unit Group data sets

entries: 50 (50 total) (page 1 of 5)  10 entries per page

Name 	Category 	Default Unit 
Areatime-unit 	Units / Technical units	m2*yr
Biotic Production Unit (Occ.)	Units / Land use units	kg
Biotic Production Unit (Transf.)	Units / Land use units	kg/a
Erosion Resistance Unit (Occ.)	Units / Land use units	kg
Erosion Resistance Unit (Transf.)	Units / Land use units	kg/a
Groundwater Replenishment Unit (Occ.)	Units / Land use units	mm*m2
Groundwater Replenishment Unit (Transf.)	Units / Land use units	(mm*m2)/a
Mechanical Filtration Unit (Occ.)	Units / Land use units	cm*m2
Mechanical Filtration Unit (Transf.)	Units / Land use units	cm*m2/d
Physicochemical Filtration Unit (Occ.)	Units / Land use units	(cmol*m2*a)/kg

entries: 50 (50 total) (page 1 of 5)  10 entries per page

點開任一項目(如:Areatime-unit)

影片內容概要

Unit Group data set overview page

Data set: Areatime-unit (29.00.000)

View complete dataset		Download data set as XML file
Name Areatime-unit	Default Unit m2*yr	
Classification Units / Technical units	Other units ○ m2*yr ○ m2a	
General comment		

名稱(Name): Areatime-unit

預設單位(Default unit): m2*yr

特徵(Classification): 單位(Units)/ 技術單位(Technical units)

其他單位(Other units): m2*yr, m2a

一般資訊(General comment): 無相關資訊

影片內容概要

Unit Group data set overview page

Data set: Areatime-unit (29.00.000)

[View complete dataset](#)

[Download data set as XML file](#)

Name

Areatime-unit

Default Unit

m2*yr

Classification

Units / Technical units

Other units

- m2*yr
- m2a

General comment

點開完整數據集 “view complete dataset”

影片內容概要

Unit Group Data set: Areatime-unit (en) en

- ▶ **Unit Group information**
- ▶ **Modelling and validation**
- ▶ **Administrative information**
- ▶ **Units**

共有四個部分，分別為：

- **數據資訊(Data set information)**
- **建模與驗證(Modelling and Validation)**
- **行政資訊(Administrative information)**
- **單位(Unit)**

影片內容概要

數據資訊(Data set information)

▼ Unit Group information	
Data set information	
Name	Areatime-unit
Classification	Class name : Hierarchy level GaBiCategories: Units / Technical units
Quantitative reference	
Default Unit	m2*yr

名稱(Name): Areatime-unit

特徵(Classification)

類別名稱(Class Name): 層次結構級別(Hierarchy level)

GaBi類別(GaBi Categories): 單位(Unit) / 技術含量(Technical quantities)

量化參考(Quantitative reference)

預設單位(Default Unit):預設單位-平方公尺*年(Default Unit-m2*yr)

影片內容概要

建模與驗證(Modelling and Validation)

▼ Modelling and validation

Compliance Declarations

Compliance	Compliance system name <u>ILCD compliance 1.1</u>	Approval of overall compliance <i>Fully compliant</i>
------------	--	--

符合性宣告(Compliance Declarations)

符合的系統名稱(Compliance system name): ILCD compliance 1.1

整體符合性的許可(Approval of overall compliance): 完全符合(Fully compliance)

影片內容概要

行政資訊(Administrative information)

▼ Administrative information	
Data entry by	
Time stamp (last saved)	2016-04-15T18:40:50+01:00
Data set format(s)	<u>ILCD format 1.1</u>
Publication and ownership	
UUID	efd8c21a-6a33-4093-b139-437ac1b64ed9
Data set version	29.00.000

時間戳記-最後更新(Time stamp-last saved):2016-04-15
資料庫格式(Data set format): ILCD format 1.1

出版及所有權(Publication and ownership)
UUID: efd8c21a-6a33-4093-b139-437ac1b64ed9
資料庫版本(data set version): 29.00.000

影片內容概要

單位(Unit)

▼ Units

Name	Mean value	Kommentar
m2*yr	1.0	
m2a	1.0	

名稱(Name): m2*yr, m2a

平均值(Mean value): 均為1.0

評論(Kommentar): 無相關資訊

資料來源介紹

影片內容概要

資料庫-資料來源網址:

https://ecoinvent.lca-data.com/sourceList.xhtml?stock=EF2_0_Chemicals

Source data sets

entries: 16416 (16416 total) (page 1 of 1642) 1 2 3 4 5 6 7 8 9 10 10 entries per page		
名稱	類別	類型
	Publications and communications	Undefined
Engineering process and cost model for a conventional corn wet milling facility	Reference, Citation / General information source	Undefined
100512 System boundaries diagram - with reuse.jpg	Images	Undefined
100512 System boundaries diagram - with reuse.jpg	Images	Undefined
100512 System boundaries diagram - without reuse.jpg	Images	Undefined
13. Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes	Reference, Citation / General information source	Other unpublished and grey literature
2006 IPCC Guidelines for National Greenhouse Gas Inventories	Reference, Citation / General information source	Other unpublished and grey literature

此處可以查閱資料庫相關資料、參考資料以及圖片，可以依據類別 (Category)或是類型(Type)選取想查閱的資訊。

影片內容概要

Source data sets

entries: 16416 (16416 total) (page 1 of 1642)   entries per page

Name ^	Category ^	Type ^
2011 worldsteel Critical review report	Publications and communications	Undefined
Engineering process and cost model for a conventional corn wet milling facility	Reference, Citation / General information source	Undefined
100512 System boundaries diagram - with reuse.jpg	Images	Undefined
100512 System boundaries diagram - with reuse.jpg	Images	Undefined
100512 System boundaries diagram - without reuse.jpg	Images	Undefined
13. Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes	Reference, Citation / General information source	Other unpublished and grey literature
2006 IPCC Guidelines for National Greenhouse Gas Inventories	Reference, Citation / General information source	Other unpublished and grey literature

搜尋資料來源(如:2011 worldsteel Critical review report)

影片內容概要

Source data sets

entries: 2 (16416 total) (page 1 of 1) 1 10 entries per page		
Name ^	Category ^	Type ^
<u>2011 worldsteel Critical Review Report</u>	Publications and communications	Other unpublished and grey literature
<u>2011 worldsteel Critical Review Report</u>	Reference, Citation	Other unpublished and grey literature

點選第一個，查看其資訊。

影片內容概要

Source data set overview page

Data set: 2011 worldsteel Critical Review Report (03.00.000)

[View complete dataset](#)

[Download data set as XML file](#)

Name 2011 worldsteel Critical Review Report		
Short name 2011 worldsteel Critical Review Report	Citation 2011 worldsteel LCA Methodolgy Report	
Classification Publications and communications	Publication type Other unpublished and grey literature	Belongs to ○ worldsteel
General comment		
Digital files No records found.		

名稱(Name): 世界鋼鐵協會關鍵審查報告(2011 worldsteel Critical review report)

簡稱(Short name): 同上

引用(Citation): 世界鋼鐵協會LCA方法學報告(2011 worldsteel LCA methodology report)

特徵(Classification): 出版物及資訊(Publication and communications)

出版類型(Publication Type): 其他未出版的灰色文獻(Other unpublished and grey literature)

所有權(Belongs to): 世界鋼鐵協會(worldsteel)

一般資訊(General comment): 無相關資訊

附件(Digital files): 無附件內容

影片內容概要

Source data set overview page

Data set: 2011 worldsteel Critical Review Report (03.00.000)

[View complete dataset](#)

[Download data set as XML file](#)



Name 2011 worldsteel Critical Review Report		
Short name 2011 worldsteel Critical Review Report	Citation 2011 worldsteel LCA Methodolgy Report	
Classification Publications and communications	Publication type Other unpublished and grey literature	Belongs to ○ worldsteel
General comment		
Digital files No records found.		

點開完整數據集 “view complete dataset”

影片內容概要

Source Data set: 2011 worldsteel Critical Review Report (en)

- ▶ Source information
- ▶ Administrative information

共有兩個部分，分別為：

- 資料來源資訊(Source information)
- 行政資訊(Administrative information)

影片內容概要

資料來源資訊(Source information)

▼ Source information	
Data set information	
Short name	2011 worldsteel Critical Review Report
Classification	Class name : Hierarchy level ILCD: Publications and communications
Source citation	2011 worldsteel LCA Methodolgy Report
Publication type	Other unpublished and grey literature
Belongs to	<u>worldsteel</u>

名稱(Name): 2011 worldsteel Critical review report

特徵(Classification)

類別名稱(Class Name): 層次結構級別(Hierarchy level)

ILCD: 出版及資訊(Publication and communications)

來源引用(Source citation): 2011 worldsteel LCA methodology report

出版類型(Publication Type): Other unpublished and grey literature

所有權(Belongs to): 世界鋼鐵協會(worldsteel)

影片內容概要

行政資訊(Administrative information)

▼ Administrative information	
Data entry by	
Time stamp (last saved)	2013-02-18T11:10:18.736+01:00
Data set format(s)	<u>ILCD format 1.1</u>
Publication and ownership	
UUID	1f603bb6-40dd-4bf5-b994-ebab49f0794b
Data set version	03.00.000

時間戳記-最後更新(Time stamp-last saved):2013-02-18 T11:10:18+01:00
資料庫格式(Data set format): ILCD format 1.1

出版及所有權(Publication and ownership)

UUID: 1f603bb6-40dd-4bf5-b994-ebab49f0794b

資料庫版本(data set version):03.00.000