Raper for Recycling

15

European Pulp and Paper Industry



Wood

Part I - CEPI Countries

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Market Pulp

Origin of Fibres 2016 General Notes

European Pulp and Paper Industry

CEPI - The Confederation of European Paper Industries

EUROSTAT (detailed external trade)

CEPI was founded in 1992 and represents 92% of the European* pulp and paper industry in terms of production (*Europe minus Russian Federation).

The Confederation of European Paper Industries (CEPI) is a Brussels-based non-profit making organisation, which represents the European pulp and paper industry towards the European Institutions. Through its member associations, CEPI also represents approximately 495 pulp, paper and board producing corporations across Europe, ranging from small and medium-sized enterprises, to multinationals (counting companies with a presence in more than one CEPI country only once).

Methodology and Consistency

The statistics included in this report are a compilation of the data received annually from the National Associations, which are Members of CEPI, as well as data downloaded from the Eurostat External Trade Database. In many cases, figures for previous years have been revised and therefore differ from those reported in the previous edition.

Some additional sources have been used when necessary and relevant, such as IHS and RISI.

Sources of Data

Wood		Market Pulp		Paper for Recycling		
Consumption	CEPI Members (Annual Statistics)	Consumption	CEPI Members (Annual Statistics)	Utilisation	CEPI Members (Annual Statistics)	
Imports CEPI	EUROSTAT (detailed external trade)	Imports CEPI	CEPI Members (Annual Statistics)	Imports CEPI	CEPI Members (Annual Statistics)	
Imports EU-28 2005-2007	Poyry Origin of Fibre Study 2008	Imports EU-28	EUROSTAT (detailed external trade)	Imports EU-28	EUROSTAT (detailed external trade)	

HS/CN Import Code Used

Imports EU-28 2008-2013

Wood		Market Pulp	
Softwood (SW) Pulpwood	4403 2019 + 4403 2039 + 4403 2099	Mechanical and Semi-Chemical	4701 + 4705
Hardwood (HW) Pulpwood	4403 9290 + 4403 9930 + 4403 9959 + 4403 9995	Chemical	4704 (Sulphite) + 4703 (Sulphate)
Softwood (SW) Chips	4401 2100	Other Pulp	4706
Hardwood (HW) Chips	4401 2200	Paper for Recycling	4707

CEPI Countries in 2016

Austria: AT - Belgium: BE - Czech Republic: CZ - Finland: FI - France: FR - Germany: DE - Hungary: HU - Italy: IT - The Netherlands: NL - Norway: NO - Poland: PL - Portugal: PT - Romania: RO - Slovak Republic: SK - Slovenia: SI - Spain: ES - Sweden: SE - United Kingdom: UK

EU-28 Countries in 2016

Austria: AT - Belgium: BE - Bulgaria: BG - Croatia: HR - Cyprus: CY - Czech Republic: CZ - Denmark: DK - Estonia: EE - Finland: FI - France: FR - Germany: DE - Greece: GR - Hungary: HU - Ireland: IE - Italy: IT - Latvia: LV - Lithuania: LT - Luxembourg: LU - Malta: MT - The Netherlands: NL - Poland: PL - Portugal: PT - Romania: RO - Slovak Republic: SK - Slovenia: SI - Spain: ES - Sweden: SE - United Kingdom: UK

Definitions

More information and details related to the definitions and descriptions of terms and categories used in the European Paper Industry can be found in the new CEPI booklet "Pulp and Paper Industry - Definitions and Concepts". http://www.cepi.org/topics/statistics

Origin of Fibres 2016 General Notes

European Pulp and Paper Industry

Wood Consumption and Trade

The wood used for pulp and paper manufacturing is mainly constituted of the following assortments: pulpwood (roundwood other than sawlogs, from silvicultural measures such as thinning or final felling), chips and residues from sawmills. The utilisation of sawlogs is very limited and sawdust volumes consumed are negligible. The relative shares of softwood and hardwood used depend on the country considered and the pulp and paper grades produced. The main softwood species used are pine and spruce. The main hardwood species used are birch, eucalyptus, beech and aspen. Oak is hardly used.

The wood consumption figures reported by the pulp and paper companies and included in the CEPI statistics are the volumes of wood at the mill gates and come from domestic supply or imports.

Regarding imports, although it is impossible to define the exact destination of the wood imported, it is estimated that around 80 to 90% of imported pulpwood and a limited share of imported sawlogs (process residues) is being used for pulp and paper manufacturing. The remaining part of the imported pulpwood is going to the manufacturing of particle board (oriented strand board – OSB) and pellets, while the main share of imported sawlogs is going to the manufacturing of particle board and fibreboard (medium density fibreboard – MDF), according to consultants (Indufor and Pöyry Management Consulting Oy).

To calculate the share of the domestic origin of the wood consumed by the pulp and paper industry, i.e. the share of the wood consumed that is not imported, it is assumed that 100% of the pulpwood imported, 100% of the chips imported and 0% of the sawlogs and sawdust imported are going to pulp and paper manufacturing.

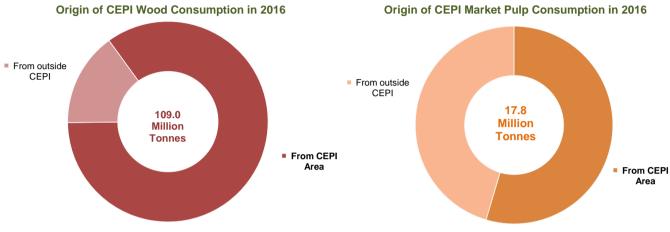
Related HS Codes

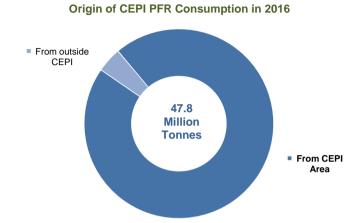
Assortments	Sį	oecies	HS Codes
		Spruce	4403 20 19
	Softwood (Coniferous)	Pine	4403 20 39
	(,	Other Softwood	4403 20 99
Pulpwood (roundwood other than sawlogs)		Beech	4403 92 90
(**************************************	Hardwood	Eucalyptus	4403 99 30
	(Non-Coniferous)	Birch	4403 99 59
		Aspen	4403 99 95
Chips	Softwood	Not Defined	4401 21 00
Chips	Hardwood	Not Defined	4401 22 00

European Pulp and Paper Industry



Part I - CEPI Countries

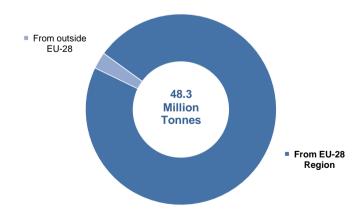


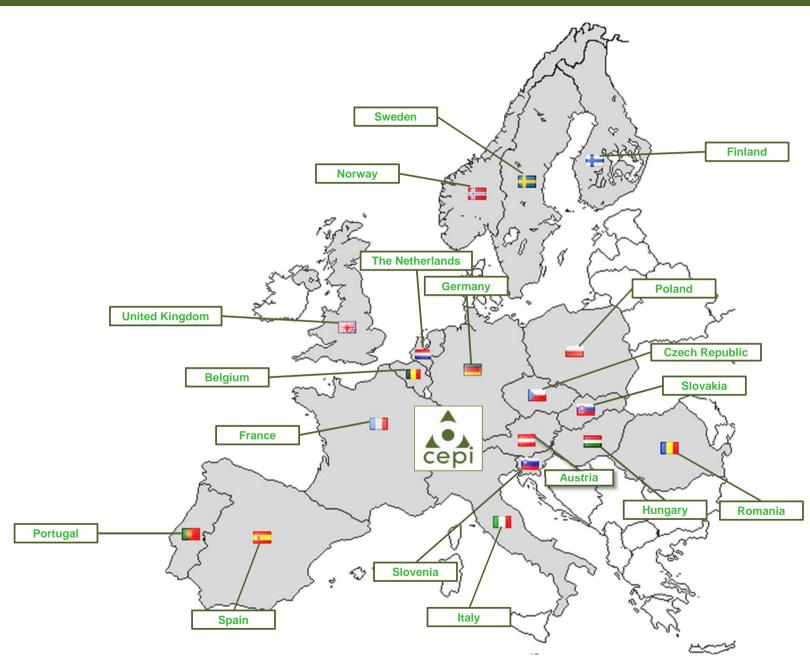


Part II - EU-28 Countries

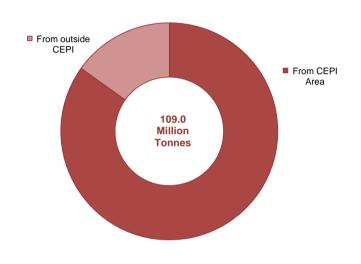
Origin of EU-28 Market Pulp Consumption in 2016 Origin of EU-28 Wood Consumption in 2016 From outside From outside EU-28 EU-28 107.5 17.5 Million Million **Tonnes Tonnes** From EU-28 Region From EU-28 Region



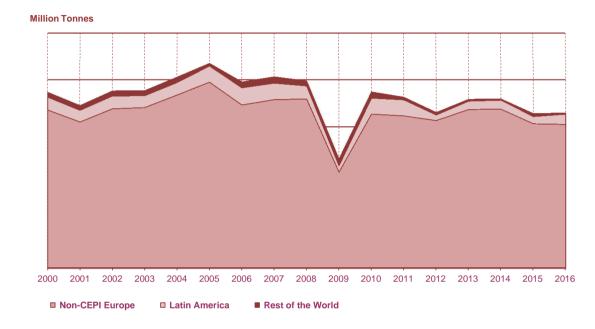




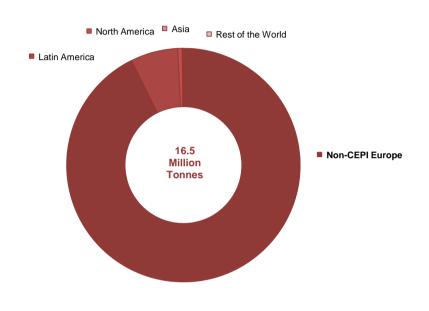
Origin of CEPI Wood Consumption in 2016



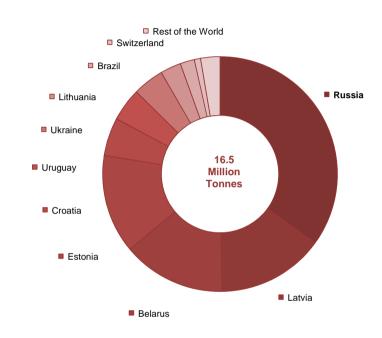
Origin of CEPI Wood imports by Source Region



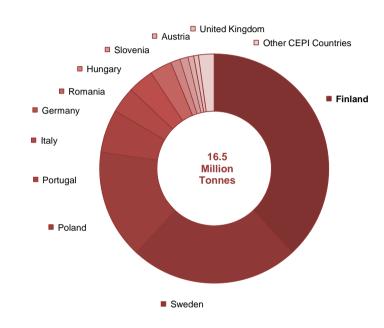
Origin of CEPI Wood Imports by Source Region in 2016



Origin of CEPI Wood Imports by Source Country in 2016



Biggest CEPI Wood Importers in 2016*



Highlights

CEPI Wood Imports* by Country in 2016

'000 Tonnes	Imports	% of Total
Finland		
Sweden		
Poland		
Portugal		
Italy		
Germany		
Romania		
Hungary		
Slovenia		
Austria		
United Kingdom		
France		
Czech Republic		
Norway		
Netherlands		
Slovakia		
Belgium		
Spain		
Total CEPI Imports*	0	

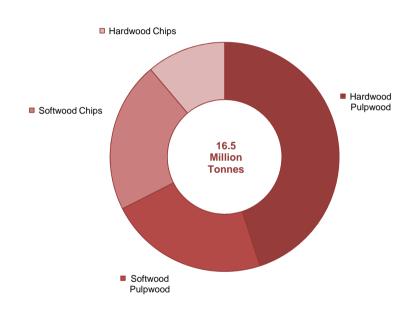
^{*} Imports from outside CEPI

CEPI Wood Imports from Outside CEPI by Importing Country and by Origin in 2016

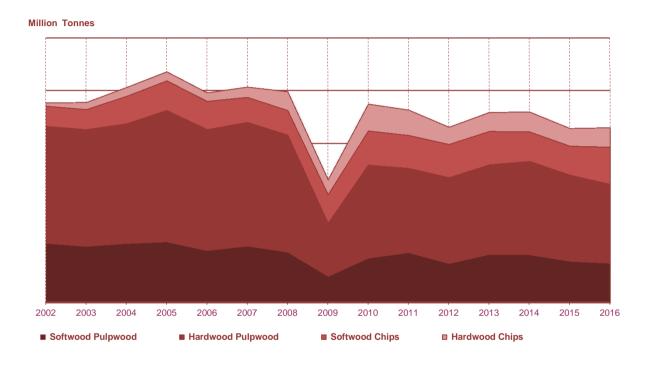
'000 Tonnes	Russia	Latvia	Belarus	Estonia	Croatia	Uruguay	Ukraine	Lithuania	Brazil	Rest of the World	Total	% of Total
Finland												
Sweden												
Poland												
Portugal												
Italy												
Germany												
Romania												
Hungary												
Slovenia												
Austria												
United Kingdom												
France												
Czech Republic												
Norway												
Netherlands												
Slovakia												
Belgium												
Spain												
Total CEPI Imports												

CEPI Wood Imports by Grade in 2016

CEPI Wood Imports by Grade

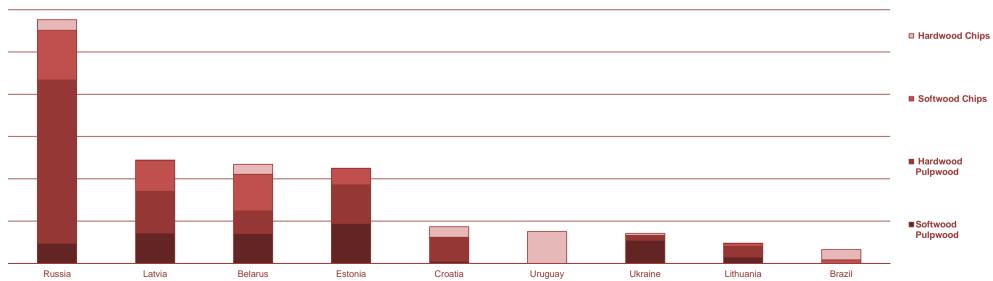


Highlights



CEPI Wood Imports by Source Country in 2016

'000 Tonnes	Softwood Pulpwood	Hardwood Pulpwood	Softwood Chips	Hardwood Chips	Total Wood	% of Total CEPI Imports	% of Total CEPI Consumption
Russia							
Latvia							
Belarus							
Estonia							
Croatia							
Uruguay							
Ukraine							
Lithuania							
Brazil							
All Other Countries							
Total CEPI Imports							



CEPI Wood Imports by Importing Country in 2016

		OLI I Wood Imports by	Importing Country in 20	,,,,		
'000 Tonnes	Softwood Pulpwood	Hardwood Pulpwood	Softwood Chips	Hardwood Chips	Total Wood	% of Total
Finland						
Sweden						
Poland						
Portugal						
Italy						
Germany						
Romania						
Hungary						
Slovenia						
Austria						
United Kingdom						
Other CEPI Countries						
Total CEPI Imports						
Million Tonnes						
						□ Hardwood Chips
						Softwood Chips
						■ Hardwood Pulpwood

Romania

Hungary

Slovenia

Austria

United Kingdom

Other CEPI

Countries

Finland

Poland

Italy

Portugal

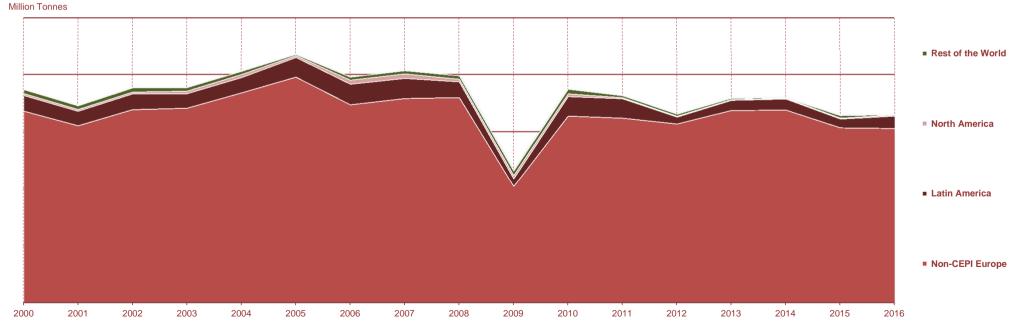
Germany

Sweden

■ Softwood Pulpwood

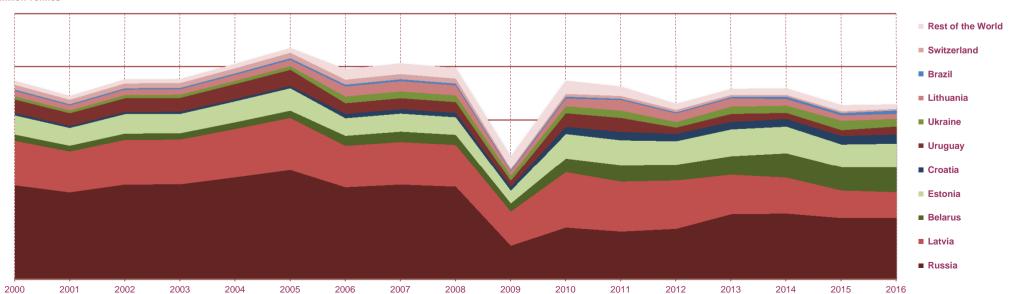
Evolution of CEPI Wood Imports by Source Region

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Non-CEPI Europe													
Latin America													
North America													
Asia													
Rest of the World													
Total CEPI Imports													

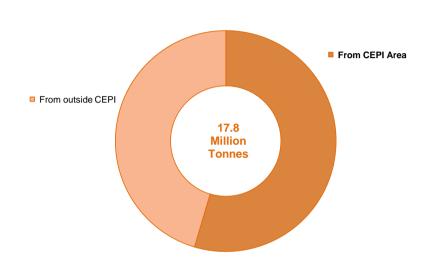


Evolution of CEPI Wood Imports by Source Country

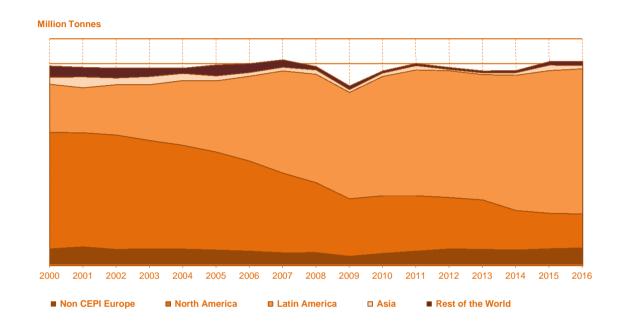
'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Russia													
Latvia													
Belarus													
Estonia													
Croatia													
Uruguay													
Ukraine													
Lithuania													
Brazil													
Switzerland													
Rest of the World													
Total CEPI Imports		·						·	·		·	·	



Origin of CEPI Market Pulp Consumption in 2016



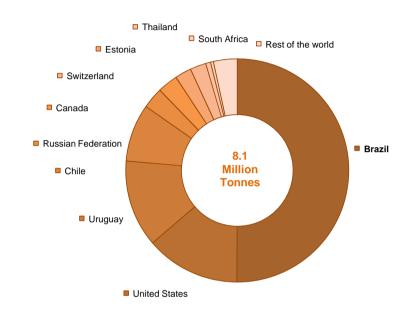
Origin of CEPI Market Pulp imports by Source Region



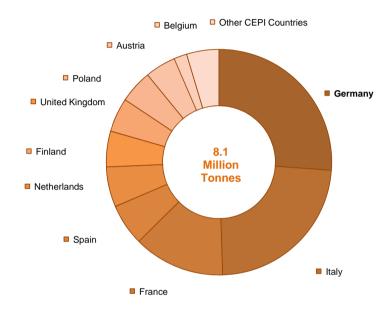
Origin of CEPI Market Pulp Imports by Source Region in 2016

Non-CEPI Europe North America North America North America

Origin of CEPI Market Pulp Imports by Source Country in 2016



Biggest CEPI Market Pulp Importers in 2016*



Highlights

CEPI Market Pulp Imports in 2016*

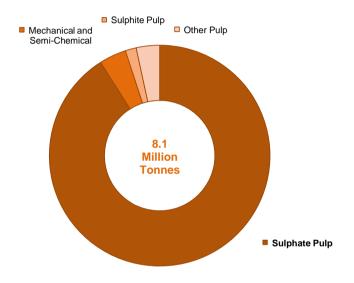
'000 Tonnes	Imports	% of Tota
Germany		
Italy		
France		
Spain		
Netherlands		
United Kingdom		
Finland		
Poland		
Austria		
Belgium		
Sweden		
Czech Republic		
Slovenia		
Hungary		
Slovak Republic		
Romania		
Portugal		
Norway		
Total CEPI Imports*		

^{*} Imports from outside CEPI

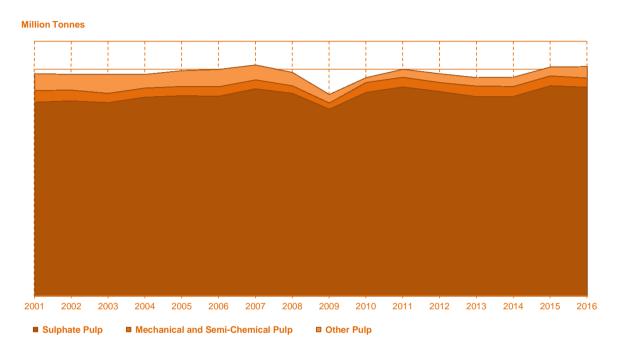
CEPI Market Pulp Imports by Importing Country and by Origin in 2016

'000 Tonnes	Brazil	Other Latin America	United States	Canada	Russia	Switzerland	Other Non-CEPI Europe	Asia	Rest of the World	Total Imports	% of Total
Germany											
Italy											
France											
Spain											
Netherlands											
United Kingdom											
Finland											
Poland											
Austria											
Belgium											
Sweden											
Czech Republic											
Slovenia											
Hungary											
Slovak Republic											
Romania											
Portugal											
Norway											
Total CEPI Imports											

CEPI Market Pulp Imports by Grade in 2016

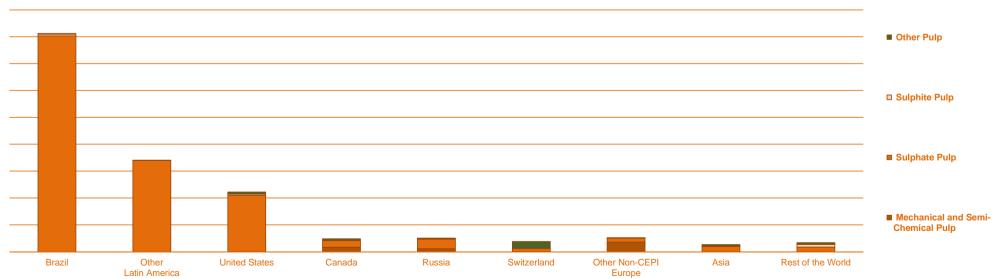


CEPI Market Pulp Imports by Grade



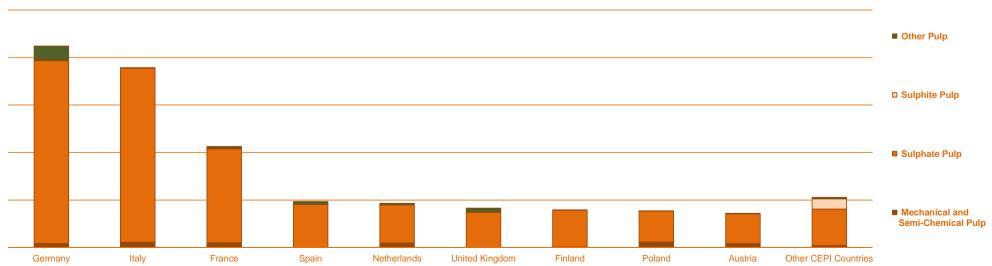
CEPI Market Pulp Imports by Source Country in 2016

'000 Tonnes	Mechanical and Semi- Chemical Pulp	Sulphate Pulp	Sulphite Pulp	Other Pulp	Total Pulp	% of Total	% of Market Pulp Consumption
Brazil							
Other Latin America							
United States							
Canada							
Russia							
Switzerland							
Other Non-CEPI Europe							
Asia							
Rest of the World							
Total CEPI Imports							



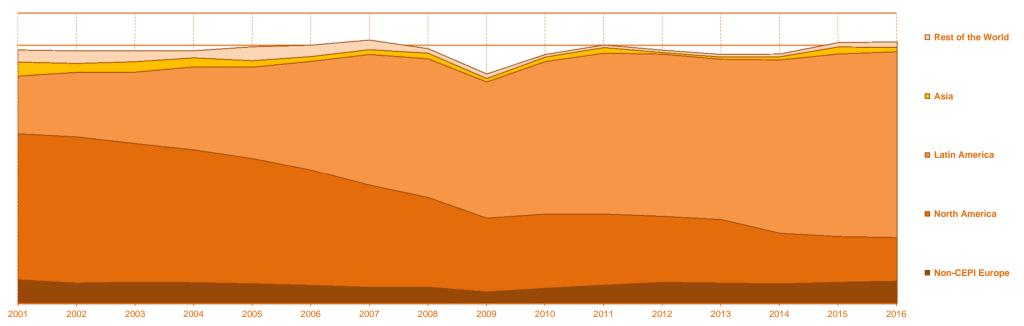
CEPI Market Pulp Imports by Importing Country in 2016

Germany Italy France Spain Netherlands			Total Pulp	% of Total
France Spain Netherlands				
Spain Netherlands				
Netherlands				
United Kingdom				
Finland				
Poland				
Austria				
Other CEPI Countries				
Total CEPI Imports				



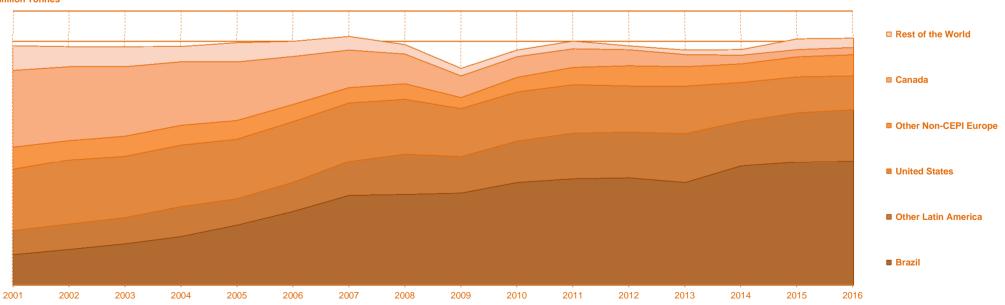
Evolution of CEPI Market Pulp Imports by Source Region

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Share of Total	% Chg 2016/2015
Non-CEPI Europe													
North America													
Latin America													
Asia													
Africa													
Rest of the World													
Total CEPI Imports													

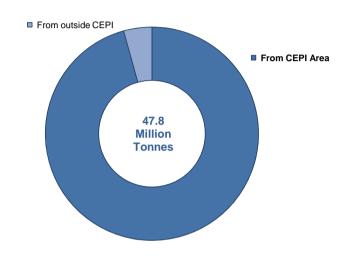


Evolution of CEPI Market Pulp Imports by Source Country

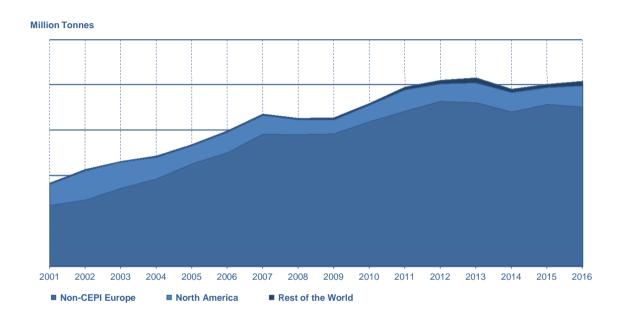
'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Share of Total	% Chg 2016/2015
Brazil													
Other Latin America													
United States													
Canada													
Russia													
Switzerland													
Other Non-CEPI Europe													
Asia													
Rest of the World	·	·	·		·	·	·	·	·	·		·	
Total CEPI Imports		·	·		·	·	·	·	·			·	



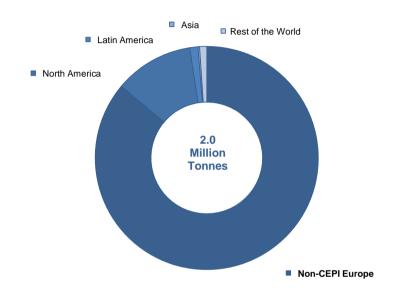
Origin of CEPI Paper for Recycling Utilisation in 2016



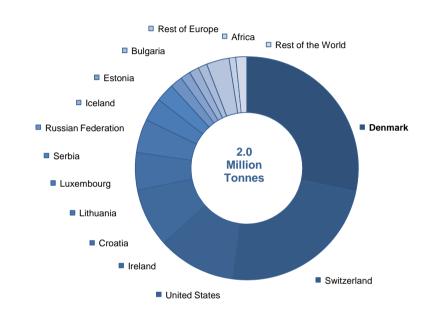
Origin of CEPI Paper for Recycling imports by Source Region



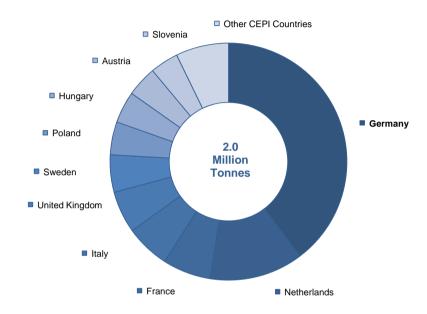
Origin of CEPI Paper for Recycling Imports by Source Region in 2016



Origin of CEPI Paper for Recycling Imports by Source Country in 2016



Biggest CEPI Paper for Recycling Importers in 2016*



Highlights

CEPI Paper for Recycling Imports in 2016*

'000 Tonnes	Imports	% of Total
Germany		
Netherlands		
France		
Italy		
United Kingdom		
Sweden		
Poland		
Hungary		
Austria		
Slovenia		
Spain		
Finland		
Belgium		
Romania		
Slovak Republic		
Czech Republic		
Norway		
Portugal		
Total CEPI Imports		

^{*} Imports from outside CEPI

CEPI Paper for Recycling Imports* by Importing Country and by Origin in 2016

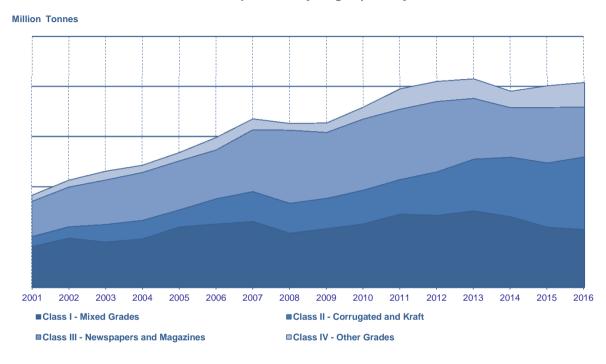
'000 Tonnes	Denmark	Switzerland	USA	Ireland	Croatia	Lithuania	Luxembourg	Serbia	Russian Federation	Other Non-CEPI Europe	Rest of the World	Total Imports	% of Total
Germany													
Netherlands													
France													
Italy													
United Kingdom													
Sweden													
Poland													
Hungary													
Austria													
Slovenia													
Spain													
Finland													
Belgium													
Romania													
Slovak Republic													
Czech Republic													
Norway													
Portugal													
Total CEPI Imports													

^{*} Imports from outside CEPI

CEPI Paper for Recycling Imports by Grade in 2016

Class III Newspapers and Magazines 2.0 Million Tonnes Class II Corrugated and Kraft

CEPI Paper for Recycling Imports by Grade



Highlights Highlights

Note

According to the EN 643 "European List of Standard Grades of Paper for Recycling and Board", the following is the official paper for recycling grade listing:

Mixed Grades (470790): 1.01.00, 1.02.00, 1.03.00, 5.01.00, 5.02.00, 5.03.00, 5.03.01, 5.05.00, 5.05.01, 5.05.02, 5.11.00

Corrugated and Kraft (470710): 1.04.00, 1.04.01, 1.04.02, 1.05.00, 1.05.01, 4.01.00, 4.01.01, 4.02.00, 4.03.00, 4.04.00, 4.05.00, 4.06.00, 4.07.00, 4.08.00, 5.04.00, 5.08.00, 5.12.01, 5.13.00, 5.13.01

Newspapers and Magazines (470730): 1.06.00, 1.06.01, 1.06.02, 1.07.00, 1.09.00, 1.11.00, 2.01.00, 2.02.00, 2.02.01

Other Grades (470720): 2.03.00, 2.03.01, 2.04.00, 2.04.01, 2.05.00, 2.05.01, 2.06.00, 2.06.01, 2.07.00, 2.07.01, 2.08.00, 2.10.00, 2.11.00, 2.12.00, 2.13.00, 2.14.00, 2.14.01, 3.01.00, 3.02.00, 3.03.00, 3.03.01, 3.04.00, 3.05.01, 3.06.00, 3.08.00, 3.09.00, 3.10.00, 3.10.01, 3.11.00, 3.11.01, 3.12.00, 3.13.00, 3.14.00, 3.15.01, 3.16.00, 3.16.01, 3.17.00, 3.18.01, 3.18.02, 3.19.00, 3.20.00, 3.20.01, 5.05.03, 5.06.00, 5.06.01, 5.07.01, 5.09.00, 5.10.01, 5.14.00, 5.14.01

CEPI Paper for Recycling Imports by Source Country in 2016

'000 Tonnes		lass I d Grades	Class II Corrugated and Kraft	Class III Newsp. and Magazines	Class IV Other Grades	Total Paper for Recycling	% of total	% of Paper for Recycling Utilisation
Denmark								
Switzerland								
United States								
Ireland								
Croatia								
Lithuania								
Luxembourg								
Serbia								
Russian Federation								
Rest of the World								
Total CEPI Imports								
'000 Tonnes								
								Class IV Other Grades Class III
	_							Newsp. and Magazines Class II
								Corrugated and Kraft Class I Mixed Grades
Denmark	Switzerland	United States	s Ireland	Croatia Lithuania	Luxembourg	Serbia Russian Federati	on Rest of the World	_

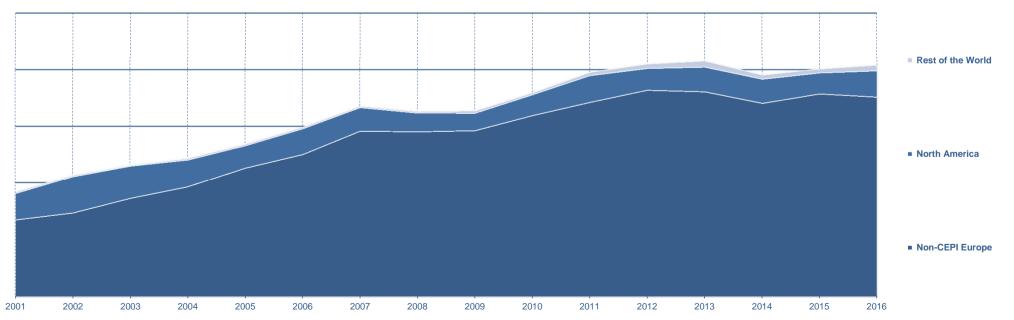
CEPI Paper for Recycling Imports* by Importing Country in 2016

'000 Tonnes	Mi	Class I ixed Grades		ass II ed and Kraft	Class III Newsp. and Maga	zines	Class IV Other Grades	Total Pa	per for Recycling	% of Total
Germany										
Netherlands										
rance										
taly										
Jnited Kingdom										
Sweden										
Poland										
Hungary										
Austria										
Other CEPI Countries										
Total CEPI Imports										
'000 Tonnes										
										Class IV Other Grades
										Class III - Newsp. and Magazines
										Class II - Corrugated and Kraft
										Class I - Mixed Grades
Germany	Netherlands	France	Italy	United Kingdom	Sweden	Poland	Hungary	Austria	Other CEPI Countries	

^{*} Imports from outside CEPI

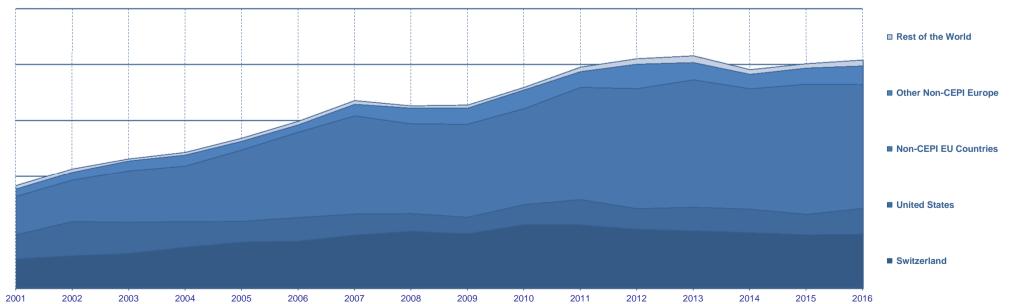
Evolution of CEPI Paper for Recycling Imports by Source Region

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Non-CEPI Europe													
North America													
Latin America													
Asia													
Africa													
Rest of the World													
Total CEPI Imports													



Evolution of CEPI Paper for Recycling Imports by Source Country

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Share of Total	% Chg 2016/2015
Switzerland													
United States													
Russia													
Non-CEPI EU Countries													
Other Europe													
Latin America													
Rest of the World													
Total CEPI Imports													



Origin of Fibres 2016

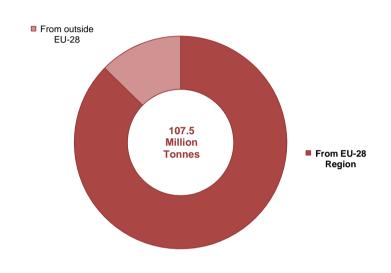
European Pulp and Paper Industry

Part II EU-28 Region

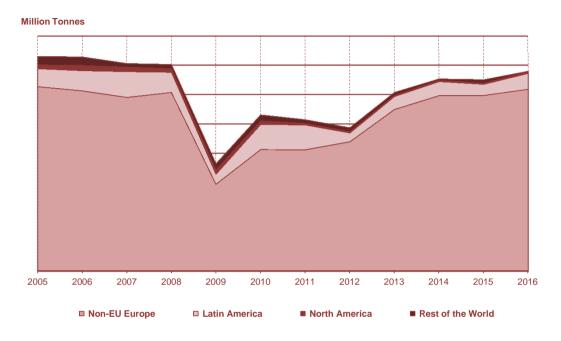




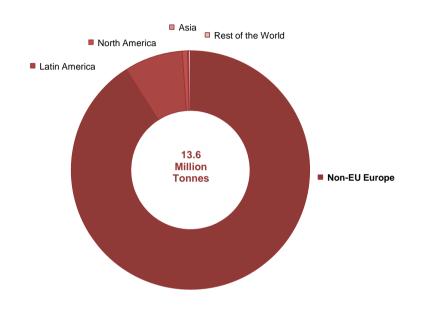
Origin of EU-28 Wood Consumption in 2016



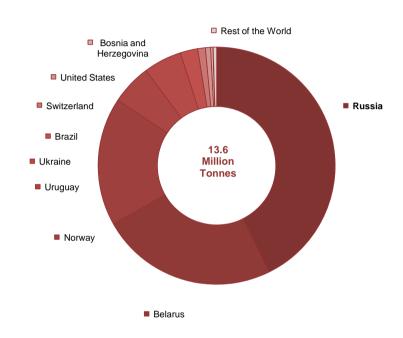
Origin of EU-28 Wood imports by Source Region



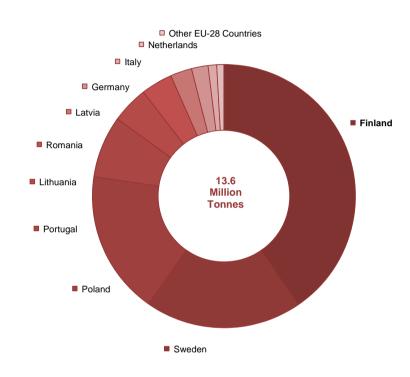
Origin of EU-28 Wood Imports by Source Region in 2016



Origin of EU-28 Wood Imports by Source Country in 2016



Biggest EU-28 Wood Importers in 2016*



Highlights

EU-28 Wood Imports by Country in 2016*

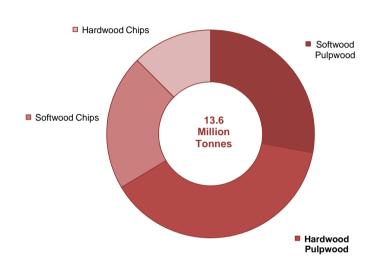
'000 Tonnes	Imports	% of Total
Finland		
Sweden		
Poland		
Portugal		
Lithuania		
Romania		
Latvia		
Germany		
Italy		
Netherlands		
Austria		
France		
Czech Republic		
Denmark		
Hungary		
Other EU-28 Countries		
Total EU-28 Imports		

^{*} Imports from outside EU Region

EU-28 Wood Imports by Importing Country and by Origin in 2016

'000 Tonnes	Russia	Belarus	Norway	Uruguay	Ukraine	Brazil	Switzerland	United States	Bosnia & Herzagovina	South Africa	Rest of the World	Total	% of Total
Finland													
Sweden													
Poland													
Portugal													
Lithuania													
Romania													
Latvia													
Germany													
Italy													
Netherlands													
Austria													
France													
Czech Republic													
Denmark													
Hungary													
Slovakia													
Ireland													
Estonia													
Other EU-28 Countries													
Total EU-28 Imports													

EU-28 Wood Imports by Grade in 2016

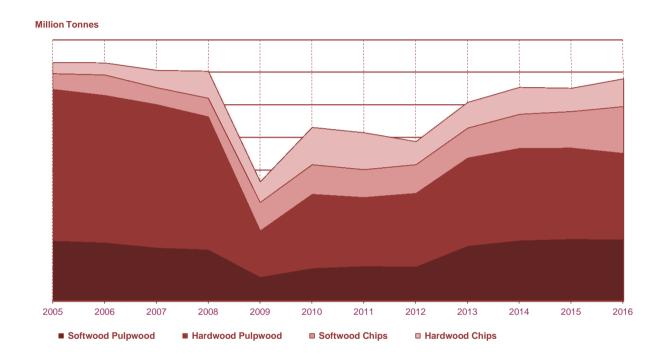


Highlights

Hardwood pulpwood accounted for 38.5% of all wood imported in EU-28 in 2016.

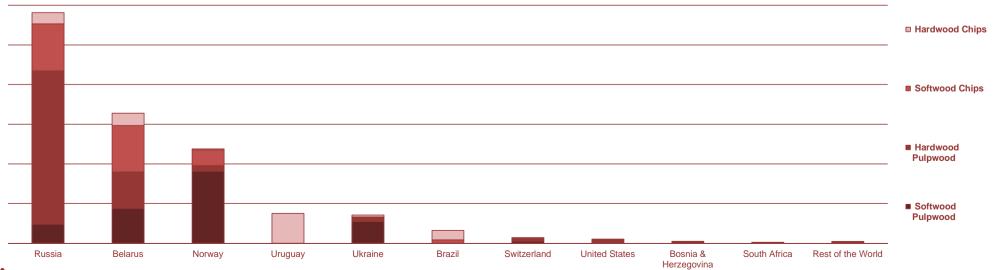
Imports of all hardwood took 51.0% of all wood imports into the EU-28 region in 2016.

EU-28 Wood Imports by Grade



EU-28 Wood Imports by Source Country in 2016

		20 20 11	oca importo by course	3 00 and 3 m 2010			
'000 Tonnes	Softwood Pulpwood	Hardwood Pulpwood	Softwood Chips	Hardwood Chips	Total Wood	% of Total	% of Total Wood Consumption
Russia							
Belarus							
Norway							
Uruguay							
Ukraine							
Brazil							
Switzerland							
United States							
Bosnia & Herzegovina							
South Africa							
Rest of the World							
Total EU-28 Imports							
Million Tonnes							
							■ Hardwood Chips



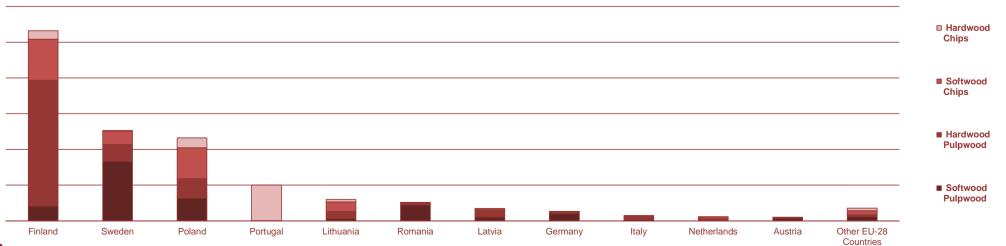
EU-28 Wood Imports by Source Region in 2016

'000 Tonnes	Softwood Pulpwood	Hardwood Pulpwood	Softwood Chips	Hardwood Chips	Total Wood	% of Total
Non-EU Europe						
Latin America						
North America						
Asia						
Africa						
Oceania						
Total EU-28 Imports						
						■ Rest of the world
						□ Latin America
Softwood Pulpwo	ood Har	dwood Pulpwood	Softwood Chips	Hardwood Chips	s	■ Non-EU Europe



EU-28 Wood Imports by Importing Country in 2016

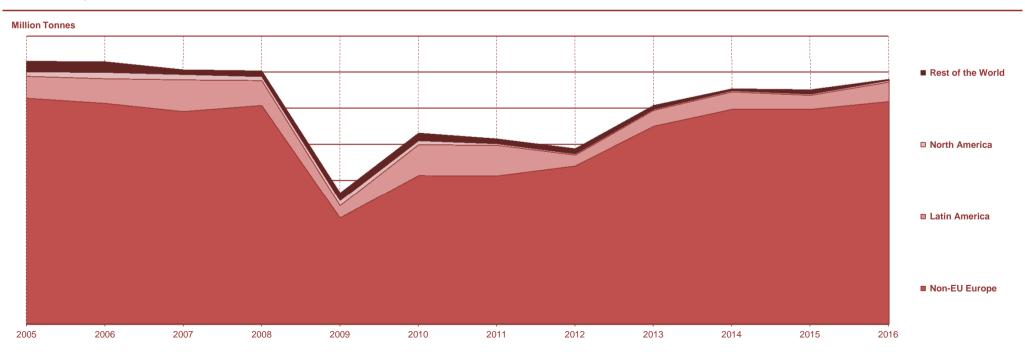
'000 Tonnes	Softwood Pulpwood	Hardwood Pulpwood	Softwood Chips	Hardwood Chips	Total Wood	% of Total
Finland						
Sweden						
Poland						
Portugal						
Lithuania						
Romania						
Latvia						
Germany						
Italy						
Netherlands						
Austria						
Other EU-28 Countries						
Total EU-28 Imports						



Evolution of EU-28 Wood Imports by Source Region

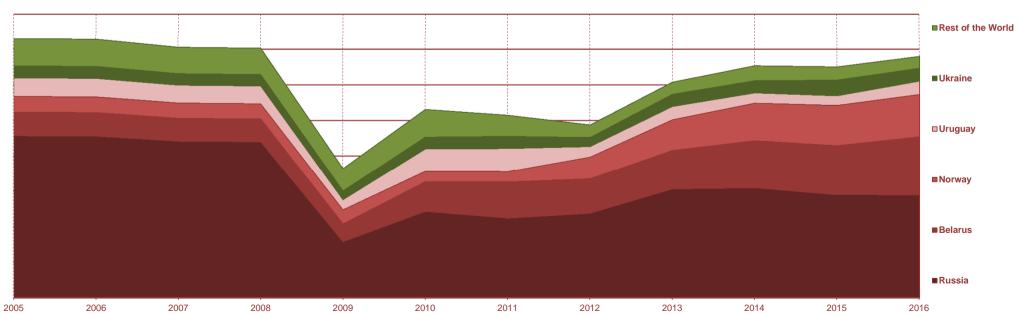
'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Non-EU Europe													
Latin America													
North America													
Asia													
Africa													
Rest of the World													

Total EU-28 Imports



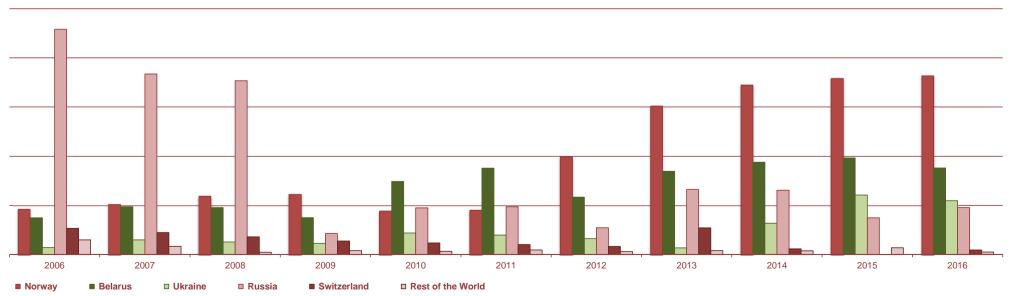
Evolution of EU-28 Wood Imports by Source Country

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Russia													
Belarus													
Norway													
Uruguay													
Ukraine													
Brazil													
Switzerland													
Congo													
Rest of the World													
Total EU-28 Imports													



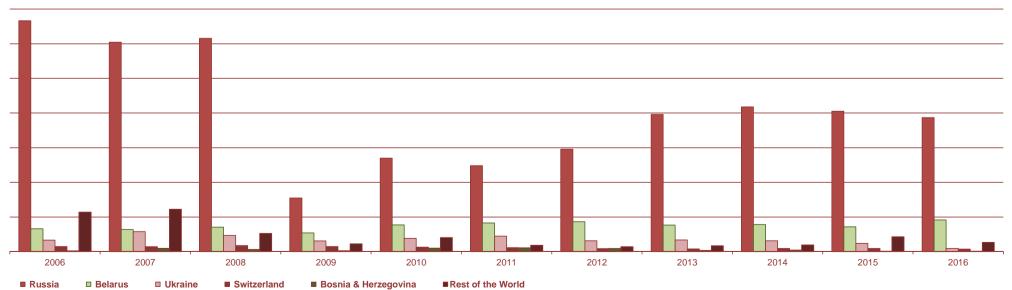
Evolution of EU-28 Imports of Softwood Pulpwood

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Norway													
Belarus													
Russia													
Switzerland													
Ukraine													
Rest of the World													
Total EU-28 Imports													



Evolution of EU-28 Imports of Hardwood Pulpwood

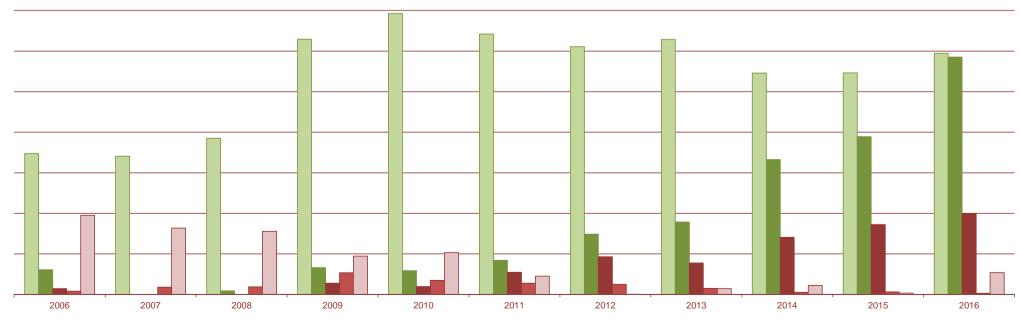
'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Russia													
Belarus													
Ukraine													
Switzerland													
Bosnia & Herzegovina													
Rest of the World													
Total EU-28 Imports													



Evolution of EU-28 Imports of Softwood Chips

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Russia													
Belarus													
Norway													
Switzerland													
Rest of the World													
Total EU-28 Imports													

Million Tonnes



■ Russia

Belarus

Norway

■ Switzerland

■ Rest of the World

Evolution of EU-28 Imports of Hardwood Chips

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Uruguay													
Russia													
Belarus													
Brazil													
Ghana													
Congo													
Liberia													
Chile													
Rest of the World													
Γotal EU-28 Imports													
Million Tonnes													

Uruguay

Belarus

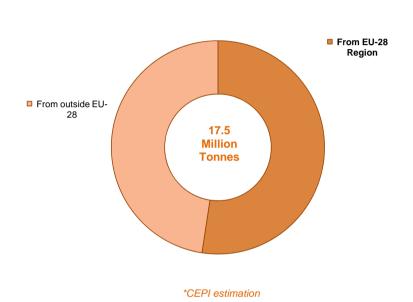
■ Russia

Brazil

■ Ghana

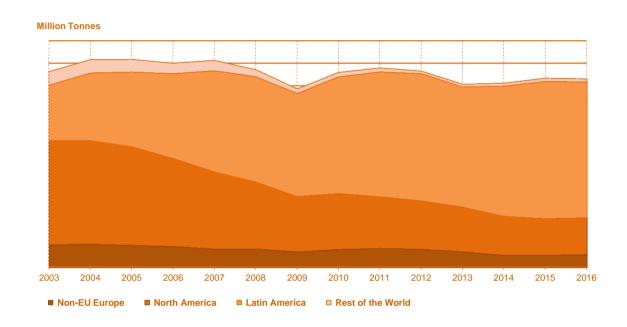
■ Rest of the World

Origin of EU-28 Market Pulp Consumption* in 2016



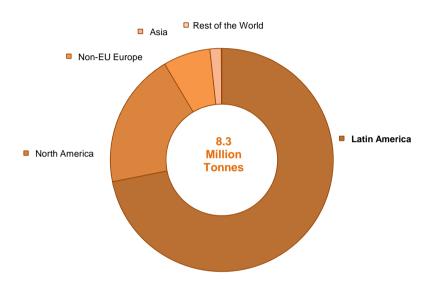
Highlights

Origin of EU-28 Pulp imports by Source Region



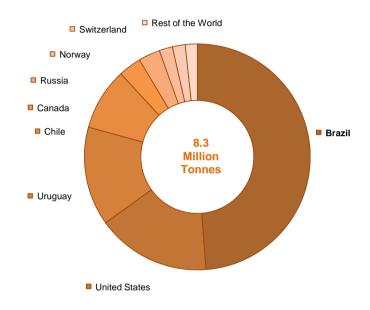
Highlights

Origin of EU-28 Pulp Imports by Source Region in 2016



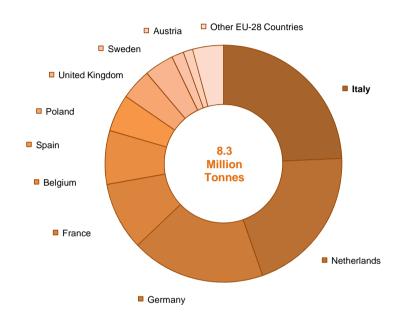
Highlights

Origin of EU-28 Pulp Imports by Source Country in 2016



Highlights

Biggest EU-28 Pulp Importers in 2016*



Highlights

EU-28 Pulp Imports in 2016*

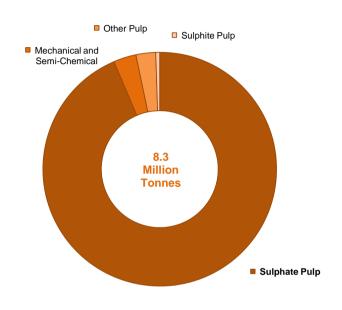
'000 Tonnes	Imports	% of Tota
Italy		
Netherlands		
Germany		
France		
Belgium		
Spain		
Poland		
United Kingdom		
Sweden		
Austria		
Slovenia		
Denmark		
Finland		
Czech Republic		
Greece		
Hungary		
Romania		
Slovakia		
Other EU-28 Countries		
Total EU-28 Imports		

^{*} Imports from outside EU Region

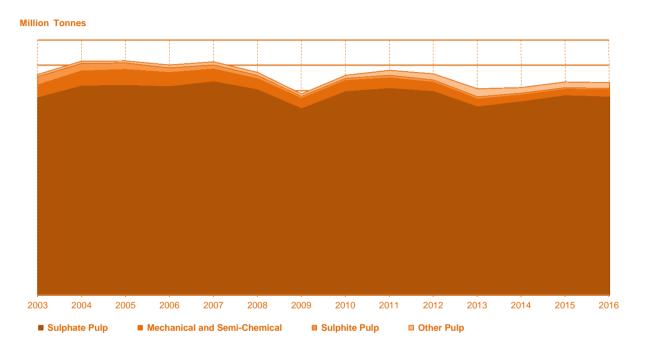
EU-28 Pulp Imports by Importing Country and by Origin in 2016

'000 Tonnes	Brazil United States	Uruguay	Chile	Canada	Russia	Norway	Switzerland	Rest of the World	Total Imports	% of Total
Italy										
Netherlands										
Germany										
France										
Belgium										
Spain										
Poland										
United Kingdom										
Sweden										
Austria										
Slovenia										
Denmark										
Finland										
Czech Republic										
Greece										
Hungary										
Romania										
Slovakia										
Other EU-28 Countries										
Total EU-28 Imports										

EU-28 Pulp Imports by Grade in 2016



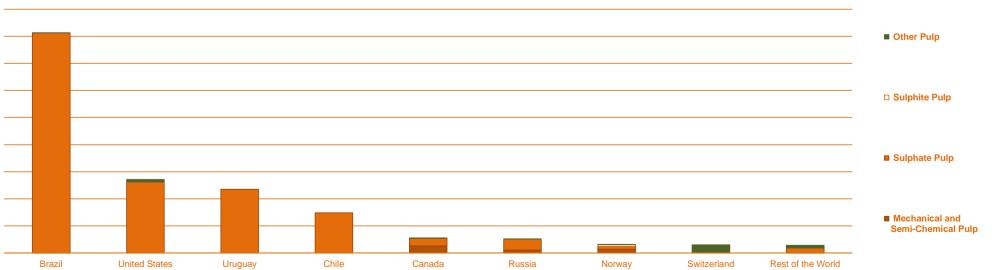
EU-28 Pulp Imports by Grade



Highlights Highlights

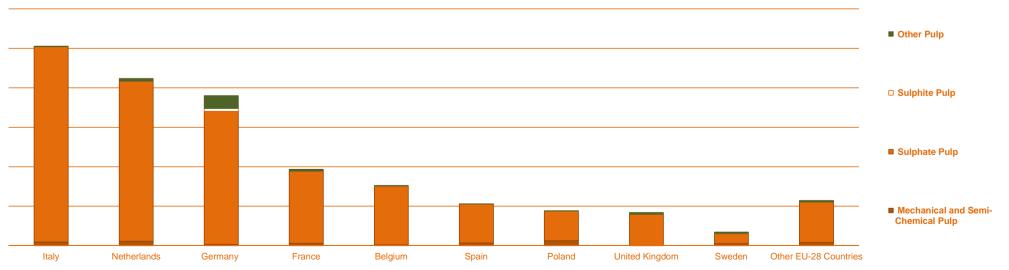
EU-28 Pulp Imports by Source Country in 2016

'000 Tonnes	Mechanical and Semi- Chemical	Sulphate Pulp	Sulphite Pulp	Other Pulp	Total Pulp	% of total	% of EU Market Pulp Consumption
Brazil							
United States							
Uruguay							
Chile							
Canada							
Russia							
Norway							
Switzerland							
Rest of the World							
Total EU-28 Imports							



EU-28 Pulp Imports by Importing Country in 2016

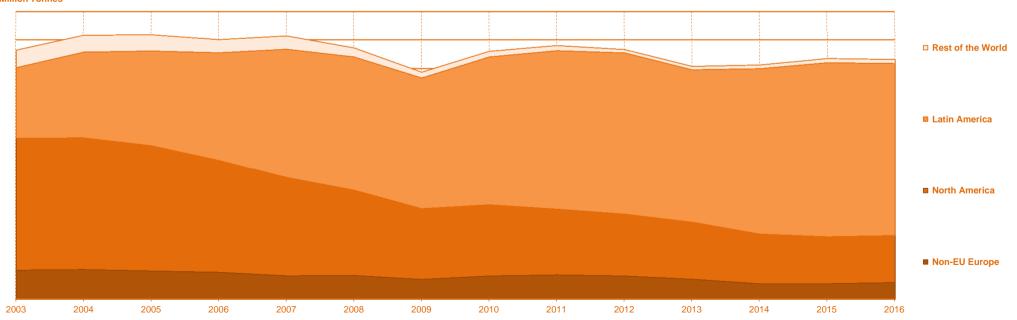
'000 Tonnes	Mechanical and Semi- Chemical	Sulphate Pulp	Sulphite Pulp	Other Pulp	Total Pulp	% of total
Italy						
Netherlands						
Germany						
France						
Belgium						
Spain						
Poland						
United Kingdom						
Sweden						
Other EU-28 Countries						
Total EU-28 Imports						



Pulp

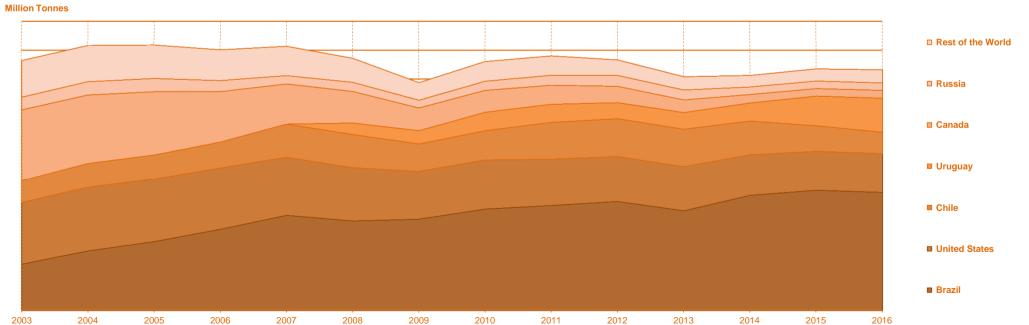
Evolution of EU-28 Pulp Imports by Source Region

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Non-EU Europe													
North America													
Latin America													
Asia													
Africa													
Rest of the World													
Total EU-28 Imports													



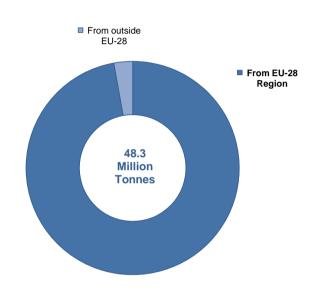
Evolution of EU-28 Pulp Imports by Source Country

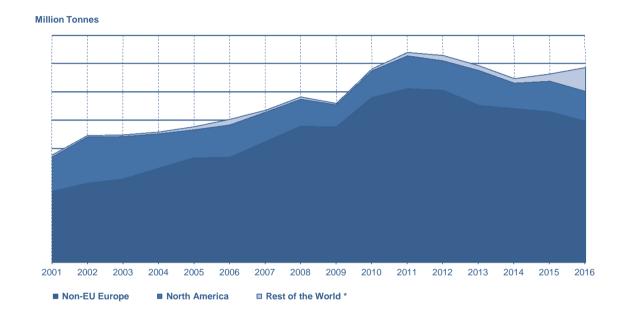
'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Brazil													
United States													
Chile													
Uruguay													
Canada													
Russia													
Norway													
Switzerland													
Rest of the World													
Total EU-28 Imports													



Origin of EU-28 Paper for Recycling Utilisation in 2016

Origin of EU-28 Paper for Recycling imports by Source Region

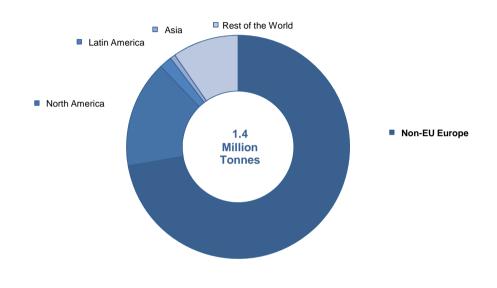


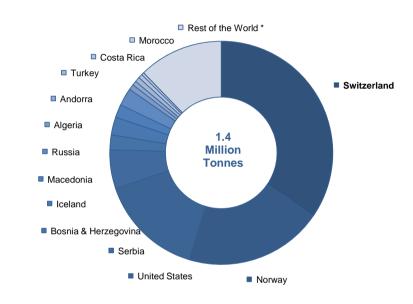


Highlights Highlights

Origin of EU-28 Paper for Recycling Imports by Source Region in 2016

Origin of EU-28 Paper for Recycling Imports by Source Country in 2016

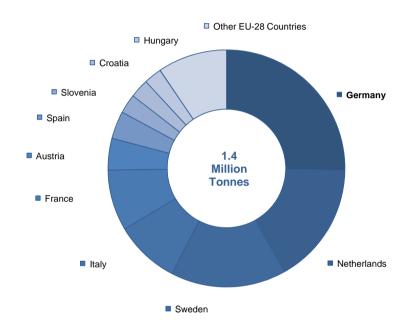




Highlights

Highlights

Biggest EU-28 Paper for Recycling Importers in 2016*



Highlights

EU-28 Paper for Recycling Imports in 2016*

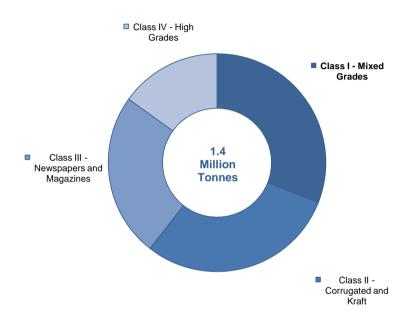
'000 Tonnes	Imports	% of tota
Germany		
Netherlands		
Sweden		
Italy		
France		
Austria		
Spain		
Slovenia		
Croatia		
Hungary		
Denmark		
Finland		
Bulgaria		
Greece		
Belgium		
Poland		
Romania		
Lithuania		
United Kingdom		
Other EU-28 Countries		
Total EU-28 Imports		

^{*} Imports from outside EU Region

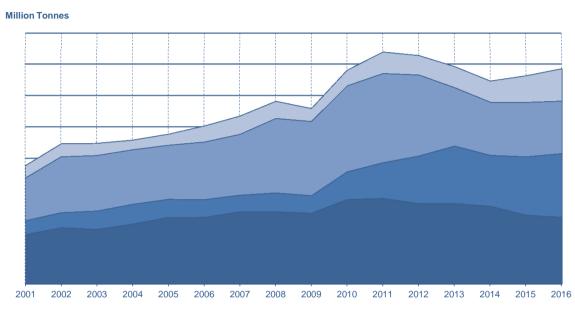
EU-28 Paper for Recycling Imports by Importing Country and by Origin in 2016

'000 Tonnes	Switzerland	Norway United States	Serbia	Iceland	Russia	Bosnia & Herzegovina	Macedonia	Rest of the World	Total Imports	% of Total
Germany										
Netherlands										
Sweden										
Italy										
France										
Austria										
Spain										
Slovenia										
Croatia										
Hungary										
Denmark										
Finland										
Bulgaria										
Greece										
Belgium										
Poland										
Romania										
Lithuania										
Other EU-28 Countries										
Total EU-28 Imports										

EU-28 Paper for Recycling Imports by Grade in 2016



EU-28 Paper for Recycling Imports by Grade



■Class I - Mixed Grades ■Class II - Corrugated and Kraft ■Class III - Newspapers and Magazines ■Class IV - High Grades

Highlights Highlights

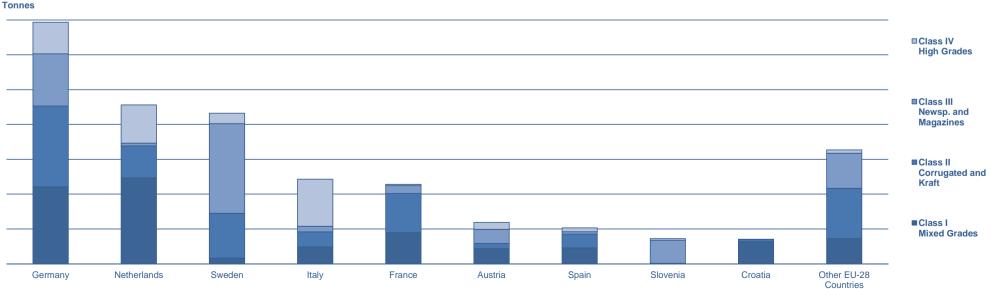
EU-28 Paper for Recycling Imports by Source Country in 2016

O Tonnes	Class I Mixed Grades	Class II Corrugated and	d Kraft	Class III Newsp. and Magazines	Class I\ High Grad			% of Total	% of Paper for Recycling Utilisation
itzerland									
rway									
ited States									
rbia									
snia & Herzegovina									
land									
cedonia									
ssia									
st of the World									
tal EU-28 Imports									
									Class IV High Grades Class III Newsp. and Magazines
									Class II Corrugated and Kraft Class I Mixed Grades
									-
Switzerland	Norway	United States S	Serbia	Bosnia & Herzegovina	Iceland	Macedonia	Russia	Rest of the World	-

EU-28 Paper for Recycling Imports by Importing Country in 2016

'000 Tonnes	Class I Mixed Grades	Class II Corrugated and Kraft	Class III Newsp. and Magazines	Class IV High Grades	Total Paper for Recycling	% of Total
Germany						
Netherlands						
Sweden						
Italy						
France						
Austria						
Spain						
Slovenia						
Croatia						
Other EU-28 Countries						
Total EU-28 Imports						

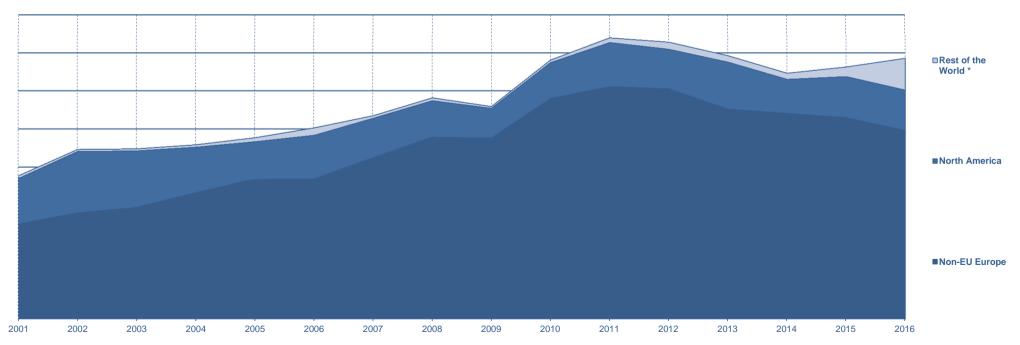
'000 Tonnes



Evolution of EU-28 Paper for Recycling Imports by Source Region

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Non-EU Europe													
North America													
Latin America													
Asia													
Rest of the World *													
Total EU-28 Imports													

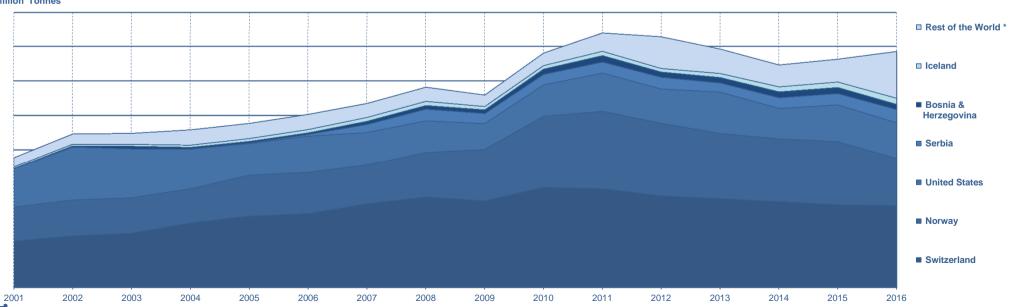
* Rest of the World includes 100 000 tonnes imported from "not determined countries" in 2016 (source: Eurostat).



Evolution of EU-28 Paper for Recycling Imports by Source Country

'000 Tonnes	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% of Total	% Chg 2016/2015
Switzerland													
Norway													
United States													
Serbia													
Bosnia & Herzegovina													
Iceland													
Macedonia													
Russia													
Rest of the World *													
Total EU-28 Imports													

* Rest of the World includes 100 000 tonnes imported from "not determined countries" in 2016 (source: Eurostat).



Origin of Fibres 2016 Geonomenclature

European Pulp and Paper Industry

CEPI uses the European Union Geonomenclature for its statistics

Europe

CEPI Countries

Austria, Belgium, Czech Republic, Finland, France, Germany, Hungary, Italy, The Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, United Kingdom.

Other Europe than CEPI Countries

Albania, Andorra, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Faeroe Islands, Gibraltar, Greece, Iceland, Ireland, Isle of Man, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldova (Republic of), Monaco, Montenegro, Russia, San Marino, Serbia, Svalbard & Jan Mayen Islands, Switzerland, Turkey, Ukraine, Vatican City State.

EU-28 Countries

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, United Kingdom.

Africa

Algeria, Angola, Benin, Botswana, British Indian Ocean Territory, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Ceuta, Chad, Comoros, Congo, Congo (Democratic Republic), Cote d'Ivoire, Djibouti, Egypt, Equatorial Guinea, Africa, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libyan Arab Jamahiriya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Melilla, Morocco, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, Saint Helena, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Togo, Tunisia, Uganda, Western Sahara, Zambia, Zimbabwe.

Asia

Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Darussalam, Cambodia, China, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Korea (Democratic People's Republic of), Korea (Republic of(S)), Kuwait, Kyrgyzstan, Lao People's Democratic Republic, Lebanon, Macao, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syrian Arab Republic, Taiwan, Tajikistan, Thailand, Timor Leste, Turkmenistan, United Arab Emirates, Uzbekistan, Viet Nam, West bank /Gaza, Yemen.

Latin America

Anguilla, Antigua & Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Brazil, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands (Malvinas), French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent & Grenadines, Sint-Maarten (France), Suriname, Trinidad & Tobago, Turks & Caicos Islands, Uruguay, Venezuela, Virgin Islands (British), Virgin Islands (U.S.).

North America

Canada, Greenland, Saint Pierre and Miguelon, United States.

Rest of the World

American Samoa, Antarctica, Australia, Bouvet Island, Christmas Island, Cocos (Keeling) Islands, Cook Islands, Fiji, French Polynesia, French Southern Territories, Guam, Hawaiian Islands (U.S.), Heard & McDonald Islands, Kiribati, Marshall Islands, Micronesia (Federated States of), Nauru, New Caledonia, New Zealand, Niue, Norfolk Island, Northern Mariana Islands, Palau, Papua New Guinea, Pitcairn, Samoa, Salomon Islands, South Georgia & South Sandwich Islands, Tokelau, Tonga, Tuvalu, US Minor Outlying Islands, Vanuatu, Wallis & Futuna Islands.