

EUROPEAN STEEL IN FIGURES

2017 EDITION
COVERING 2012-2016

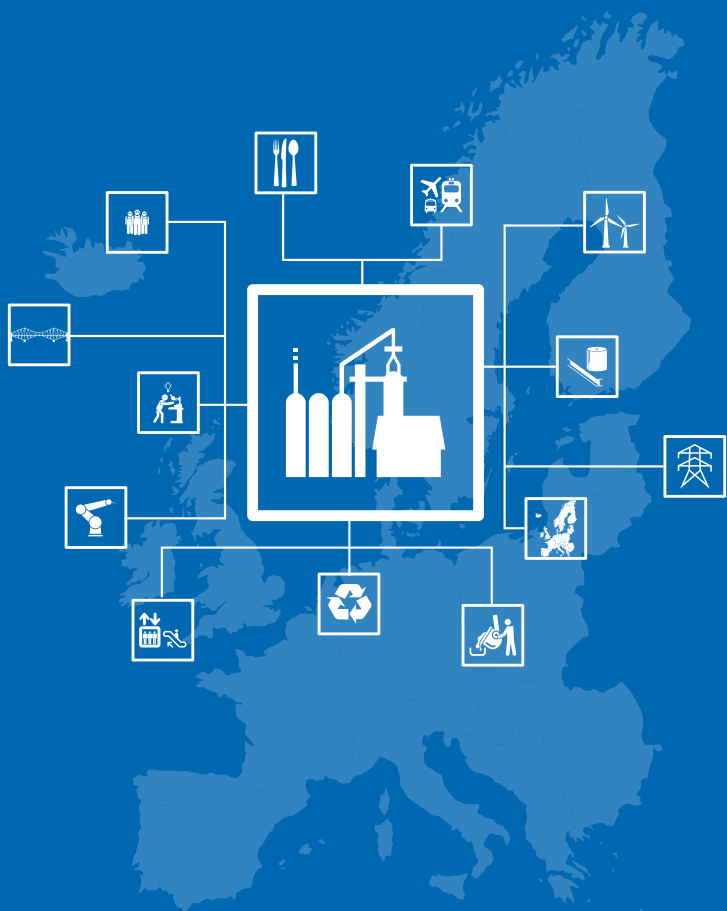


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EUROPEAN STEEL IN FIGURES 2017

EU steel demand rose again in 2016, and the EU steel market has continued its recovery in the first part of 2017, though at a slightly lower rate. Demand is continuing to gradually bounce back from the lows of 2013-2014. Indeed, apparent consumption in the EU grew by about 3.2% over 2016. However, this increase in demand was largely absorbed by imports, which reached 24% of total deliveries. The historical average share of imports is 17%.

Total steel imports (of all qualities, including semis) increased by 9% in 2016 to 35.4 million tonnes, 3 million tonnes more than in 2015. The rise in finished imports was 10%, with flat products rising 10% and long products 9% compared with 2015. Total exports fell by 11% in 2016 to 24.6 million tonnes. As a consequence of the continuing rise in imports and sharp drop in exports, the EU remained a net importer of steel in 2016, to the extent of 10.8 million tonnes. Taking into account that imports continued to grow in the first months of 2017, uncertainty over imports distorting the supply-demand balance in the EU will continue for the time being.

The impact on jobs and capacity has been significant. Direct employment in the sector is now 318,727, down from 405,000 before the economic crisis.

In this ninth edition of European Steel in Figures you will find the above information and more. It provides data on the steel industry over the last five years, including on EU demand, production, trade and employment. I hope you will find this overview a useful guide to the state of the European steel industry.

For more information, please visit our website:

www.eurofer.eu

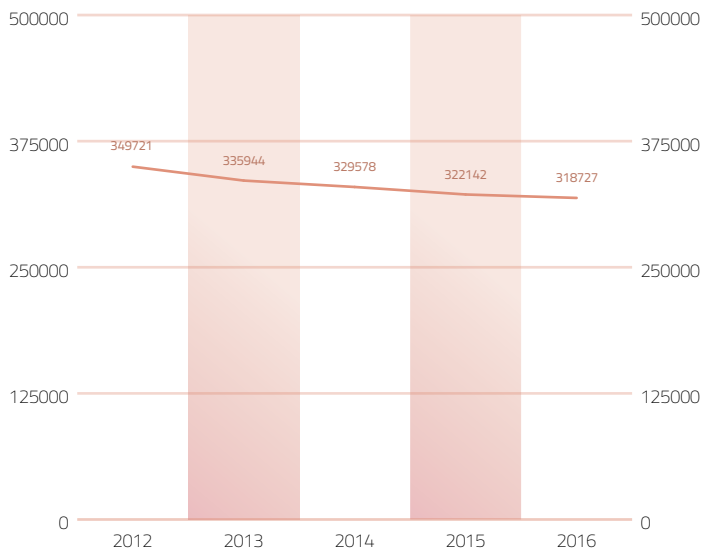
April 2017

Axel Eggert

Director General

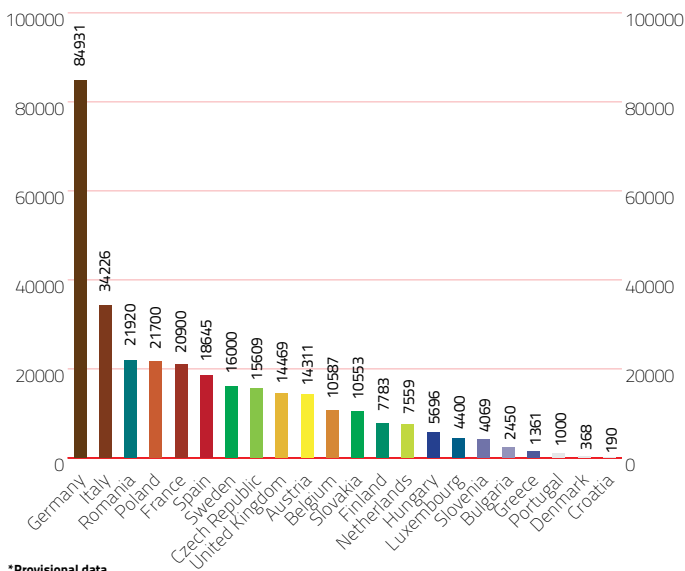
The European Steel Association (EUROFER)

EVOLUTION OF EMPLOYMENT*



*Provisional data for 2016

EMPLOYMENT LEVEL 2016*



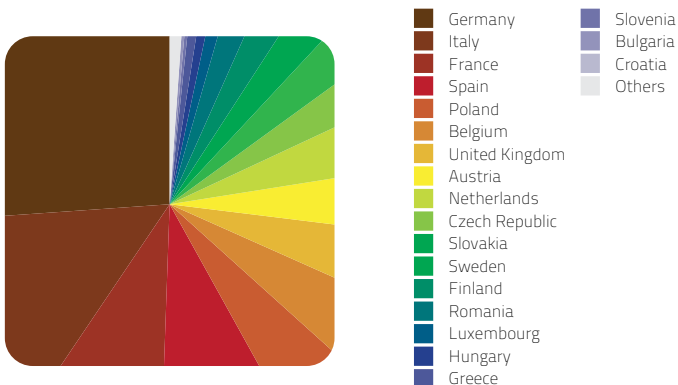
*Provisional data

All qualities
in '000 metric tonnes

CRUDE STEEL OUTPUT PER COUNTRY

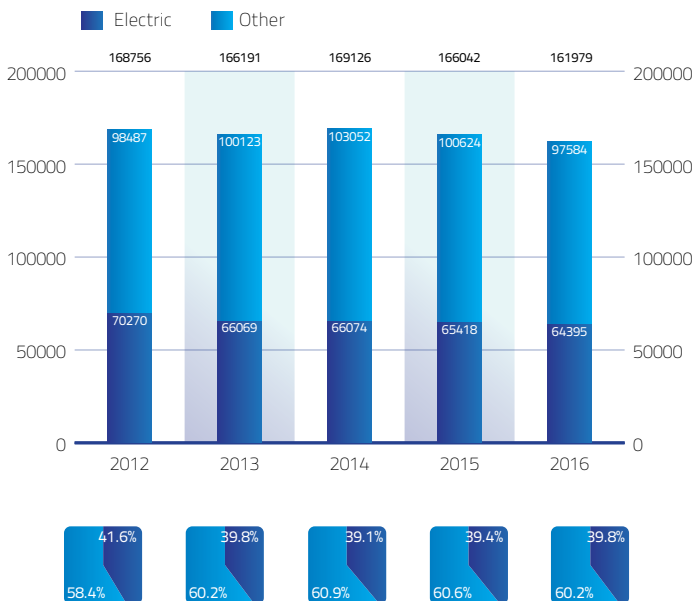
	2012	2013	2014	2015	2016	% share of EU 2016
Austria	7421	7953	7876	7687	7438	4.6
Belgium	7301	7093	7331	7257	7687	4.8
Bulgaria	633	523	612	543	527	0.3
Croatia	1	135	167	122	0	0.0
Czech Republic	5072	5152	5360	5262	5305	3.3
Finland	3759	3517	3807	3988	4101	2.5
France	15607	15685	16143	14984	14413	8.9
Germany	42661	42645	42943	42676	42080	26.0
Greece	1247	1030	1022	910	1158	0.7
Hungary	1542	883	1131	1674	1279	0.8
Italy	27252	24093	23714	22018	23370	14.5
Luxembourg	2208	2089	2193	2127	2175	1.3
Netherlands	6879	6713	6964	6995	6917	4.3
Poland	8366	7950	8541	9198	8940	5.5
Romania	3292	2985	3158	3352	3276	2.0
Slovakia	4403	4511	4705	4562	4808	3.0
Slovenia	666	654	641	625	644	0.4
Spain	13639	14130	14187	14846	13631	8.4
Sweden	4289	4372	4514	4348	4595	2.8
United Kingdom	9753	11874	12061	10853	7635	4.7
Others	2764	2206	2053	2015	1998	1.2
EU 28	168756	166191	169126	166042	161979	100

SHARE PER COUNTRY (2016)

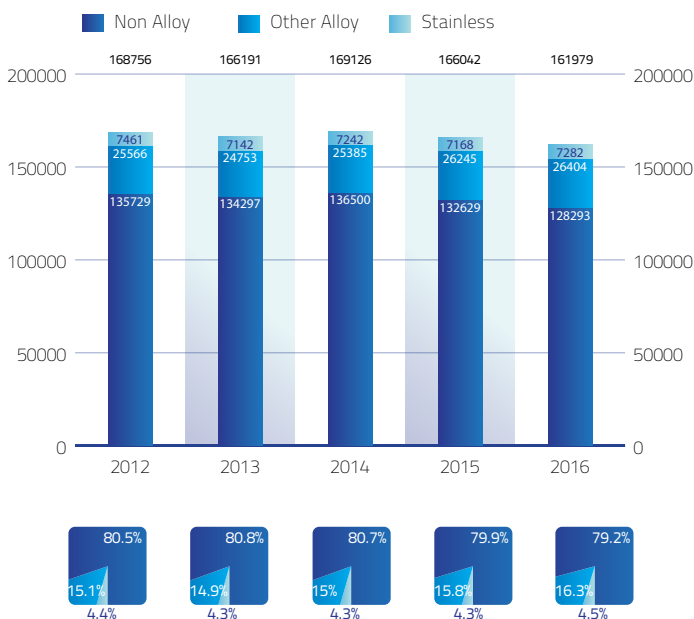


All qualities
in '000 metric tonnes

CRUDE STEEL PRODUCTION BY PROCESS



CRUDE STEEL PRODUCTION BY QUALITY

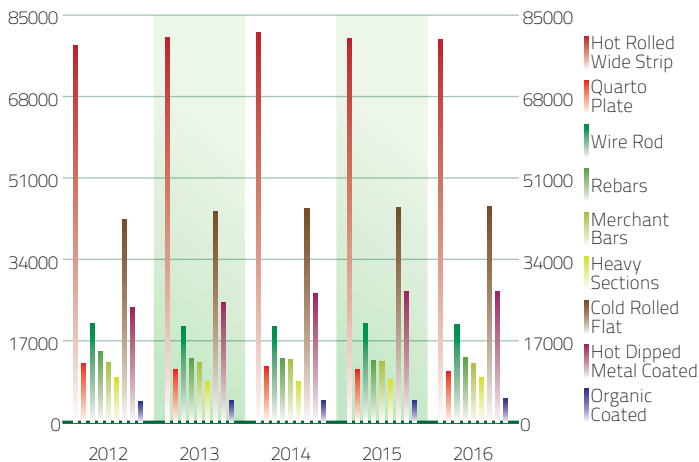


All qualities
in '000 metric tonnes

TOTAL FINISHED STEEL PRODUCTION

	2012	2013	2014	2015	2016
Total Hot Rolled	152766	150590	152523	150967	150533
Flat	92602	92836	94336	92437	92177
Hot Rolled Wide Strip	78729	80358	81281	80024	79941
Quarto Plate	12350	11021	11551	10936	10567
Long	60164	57755	58187	58530	58357
Wire Rod	20694	20063	20081	20593	20400
Rebars	14706	13342	13282	12971	13413
Merchant Bars	12447	12562	13058	12774	12304
Heavy Sections	9300	8584	8590	8894	9398
Cold Rolled Flat	42422	43931	44649	44780	45053
Hot Dipped Metal Coated	23985	25009	26786	27299	27362
Organic Coated	4318	4479	4564	4574	4863

VOLUME PER SELECTED PRODUCT CATEGORY



Shares in total hot rolled:

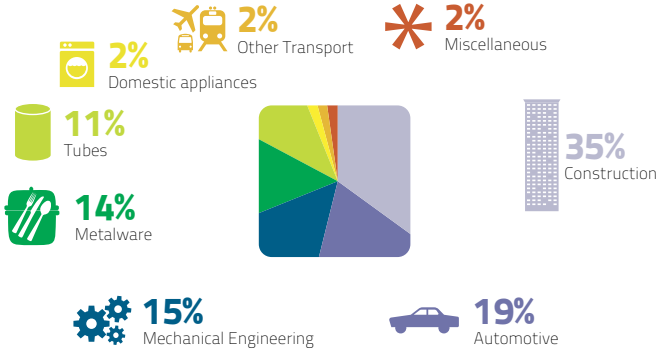


Flat
Long

Average 2012/2016

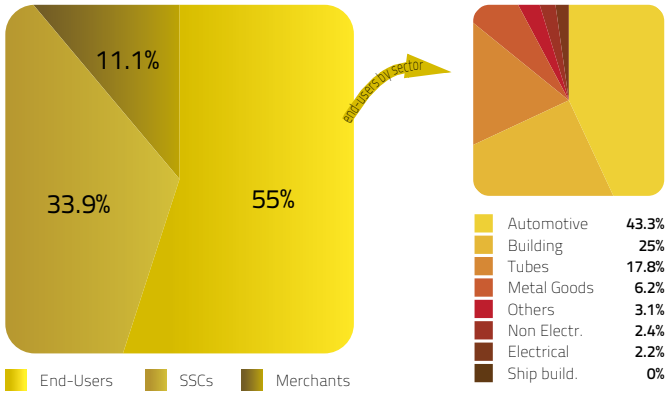
All qualities:

SECTOR SHARES IN TOTAL STEEL CONSUMPTION

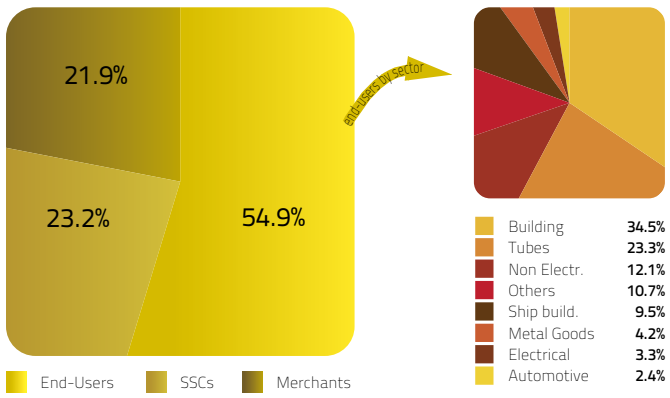


Non-alloy steels and other alloy steels:

FLAT PRODUCTS DELIVERIES: STRIP MILL PRODUCTS

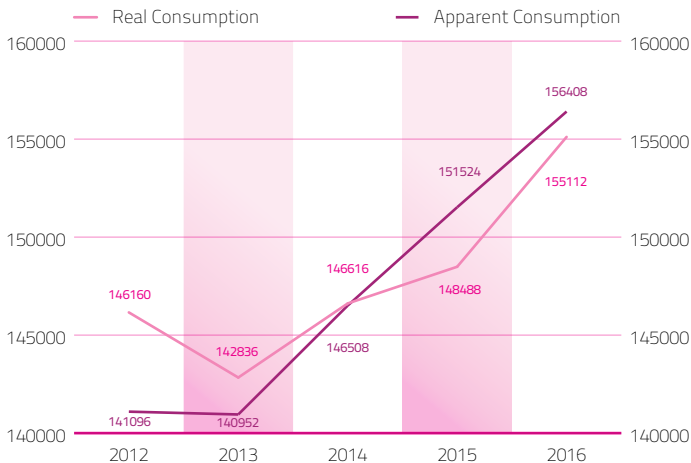


FLAT PRODUCTS DELIVERIES: QUARTO PLATES



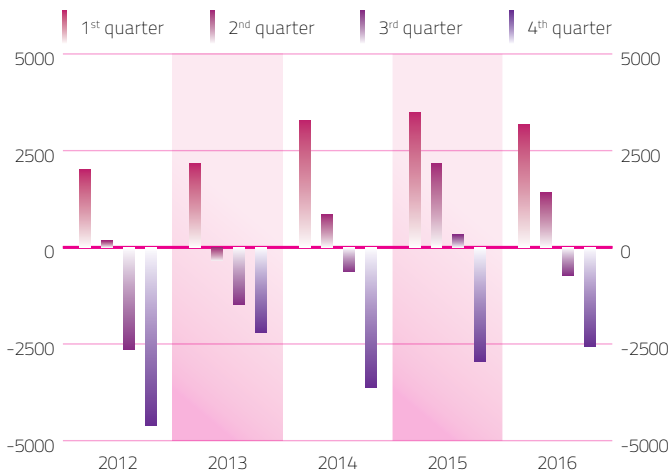
All qualities
in '000 metric tonnes

REAL & APPARENT CONSUMPTION



STOCK CHANGE

		2012	2013	2014	2015	2016
1st quarter	■	2001	2154	3291	3495	3165
2nd quarter	■	174	-354	846	2166	1410
3rd quarter	■	-2631	-1482	-636	330	-720
4th quarter	■	-4611	-2202	-3618	-2958	-2565

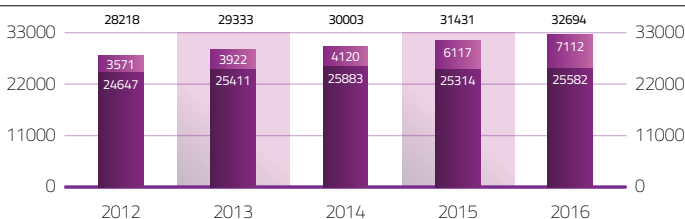


European Deliveries

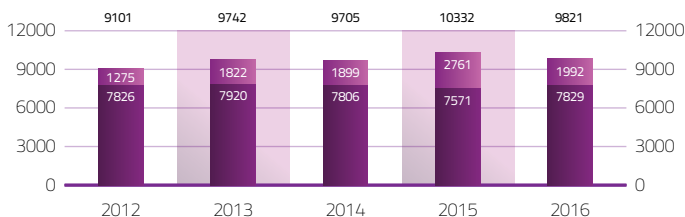
Imports third countries

Non-alloy steels and other alloy steels in '000 metric tonnes

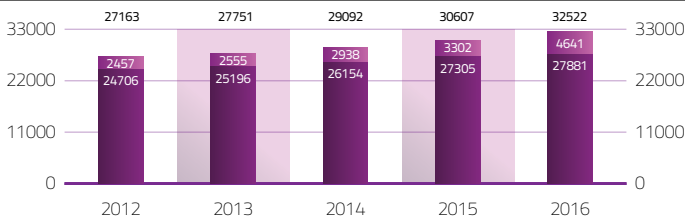
HOT ROLLED FLAT PRODUCTS



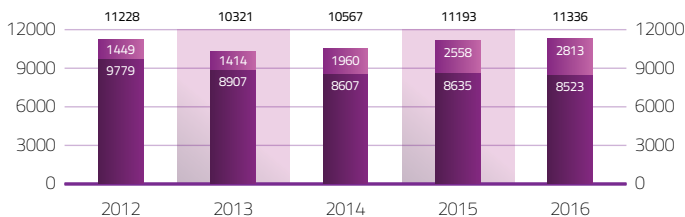
COLD ROLLED SHEETS



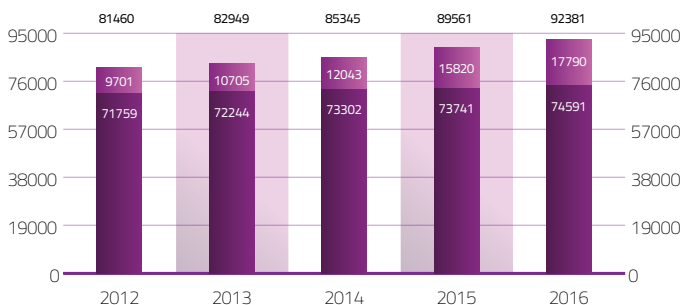
TOTAL COATED SHEETS



QUARTO PLATES



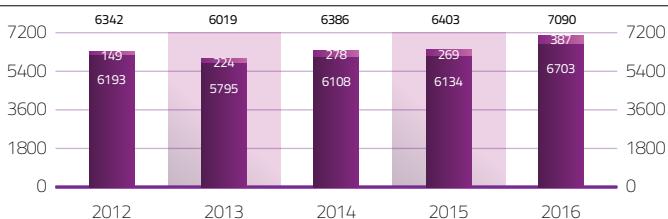
TOTAL FLAT PRODUCTS



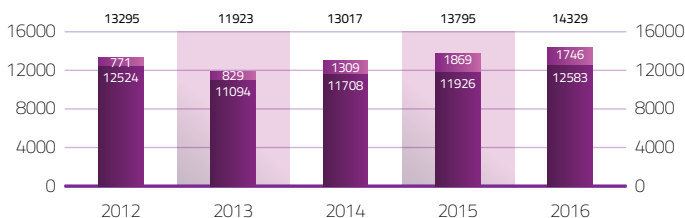
Non-alloy steels
and other alloy steels
in '000 metric tonnes

European Deliveries Imports third countries

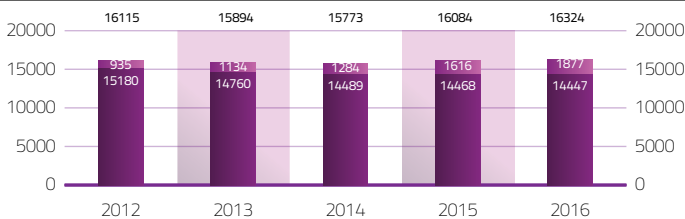
BEAMS



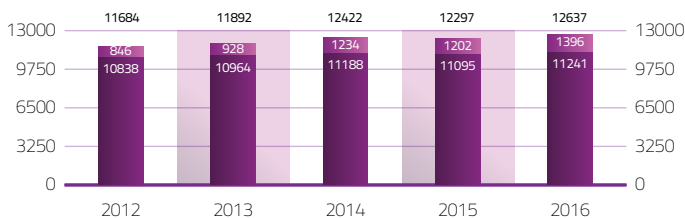
REBARS, INCLUDING DEFORMED RODS



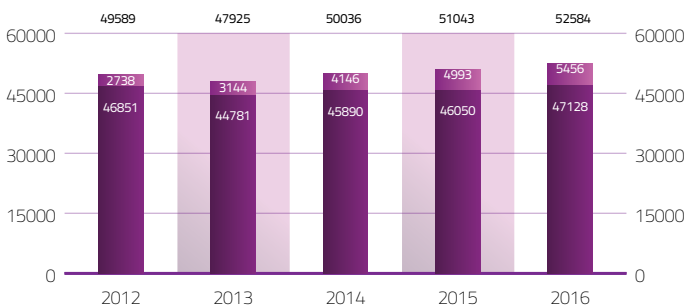
WIRE ROD, EXCLUDING DEFORMED RODS



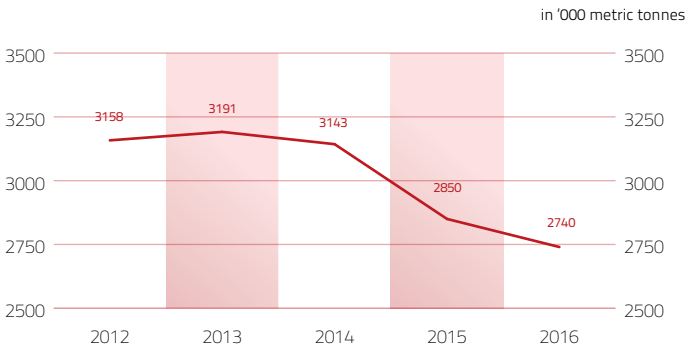
MERCHANT BARS



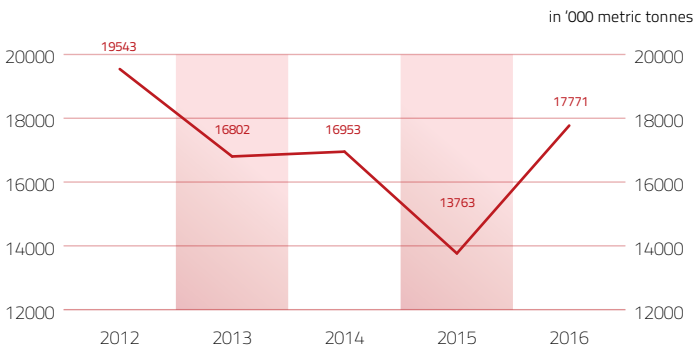
TOTAL LONG PRODUCTS



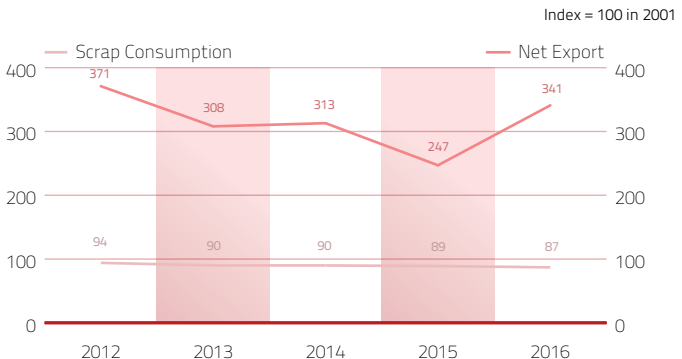
IMPORT



EXPORT



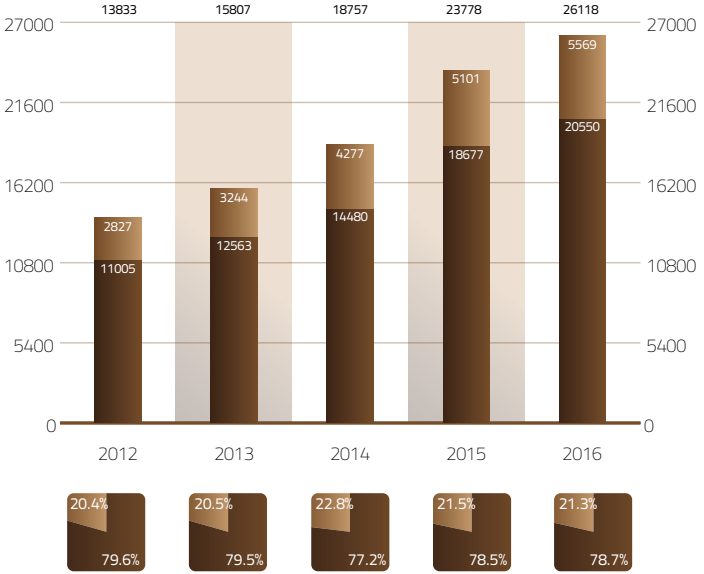
SCRAP CONSUMPTION & NET EXPORT



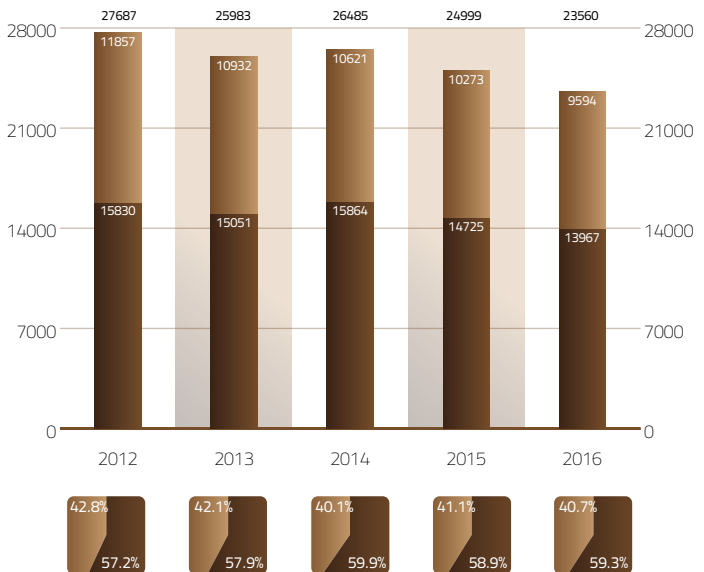
All qualities
in '000 metric tonnes

Flat Long

THIRD COUNTRIES IMPORTS

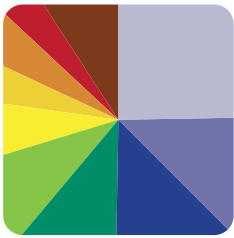


THIRD COUNTRIES EXPORTS



All qualities

TOP IMPORTS FLAT PRODUCTS



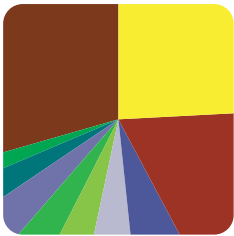
	2016	Avg'11/'15
China	25%	26%
Russia	13%	16%
South Korea	13%	10%
Ukraine	11%	12%
India	9%	8%
Turkey	7%	7%
Iran	5%	3%
Brazil	5%	2%
Taiwan	4%	3%
Others	9%	12%

LONG PRODUCTS



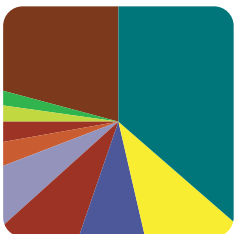
	2016	Avg'11/'15
Turkey	15%	15%
Russia	15%	8%
Ukraine	14%	13%
Belarus	13%	10%
China	9%	11%
Switzerland	9%	14%
Norway	7%	9%
Bosnie-herzegovine	3%	5%
Moldova	3%	4%
Others	10%	11%

TOP EXPORTS FLAT PRODUCTS



	2016	Avg'11/'15
Turkey	24%	22%
U.S.A.	17%	15%
Switzerland	7%	7%
China	6%	5%
India	5%	5%
Mexico	4%	4%
Russia	3%	4%
Algeria	3%	4%
Egypt	2%	2%
Others	29%	31%

LONG PRODUCTS



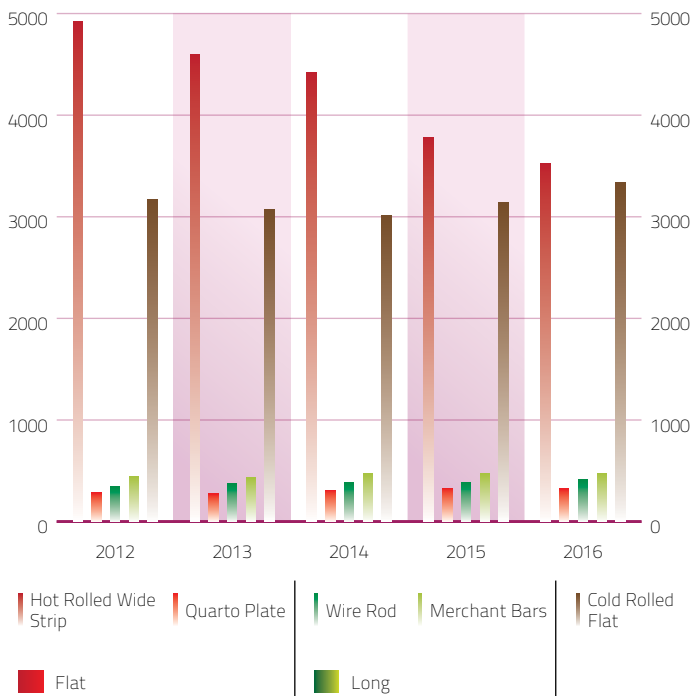
	2016	Avg'11/'15
Algeria	33%	35%
Turkey	9%	8%
Switzerland	9%	8%
U.S.A.	9%	8%
Canada	5%	4%
Morocco	4%	3%
Israel	3%	2%
Norway	3%	2%
Mexico	2%	1%
Others	22%	28%

in '000 metric tonnes

TOTAL FINISHED STAINLESS STEEL PRODUCTION

	2012	2013	2014	2015	2016
Total Hot Rolled	5999	5669	5590	4969	4742
Flat	5208	4866	4733	4109	3850
Hot Rolled Wide Strip	4923	4594	4423	3781	3528
Quarto Plate	285	272	311	328	322
Long	791	803	856	860	891
Wire Rod	346	373	384	388	413
Merchant Bars	445	430	473	472	478
Cold Rolled Flat	3170	3076	3017	3140	3334

VOLUME PER SELECTED PRODUCT CATEGORY



Shares in total hot rolled:

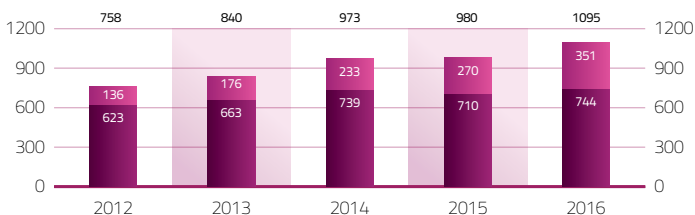


16 STAINLESS STEEL - MARKET SUPPLY

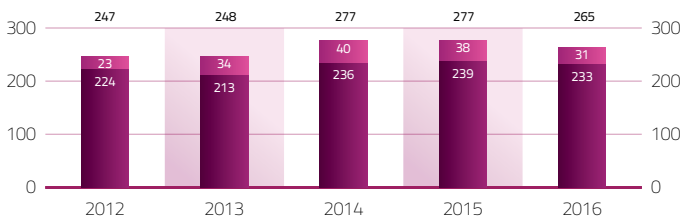
European Deliveries Imports third countries

in '000 metric tonnes

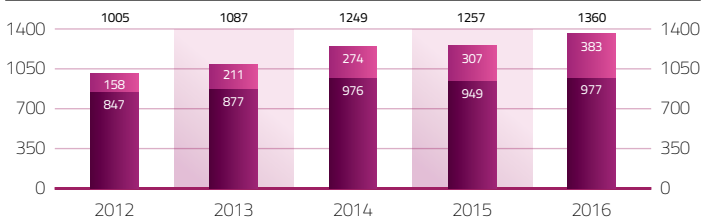
HOT ROLLED STRIP MILL PRODUCTS FOR DIRECT USE



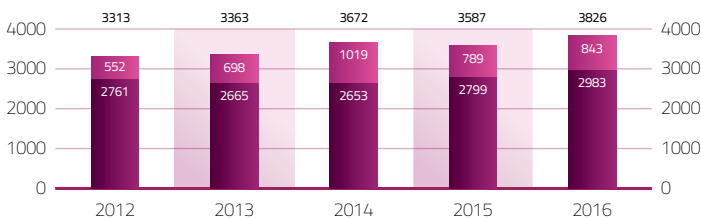
QUARTO PLATES



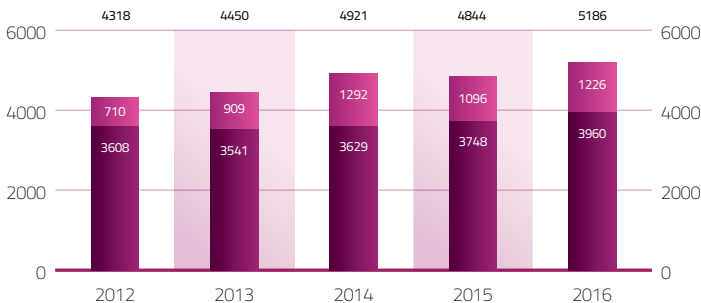
TOTAL HOT ROLLED FLAT PRODUCTS



COLD ROLLED FLAT PRODUCTS



TOTAL STAINLESS STEEL FLAT PRODUCTS

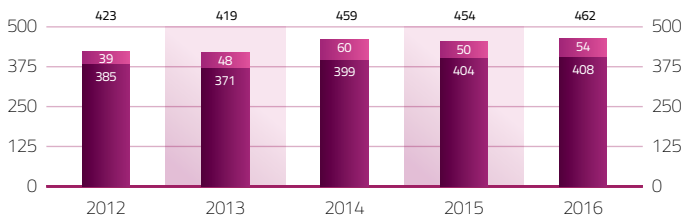


in '000 metric tonnes

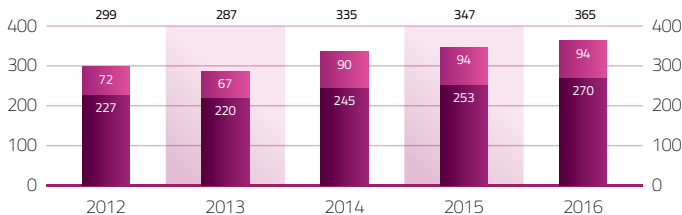
European Deliveries

Imports third countries

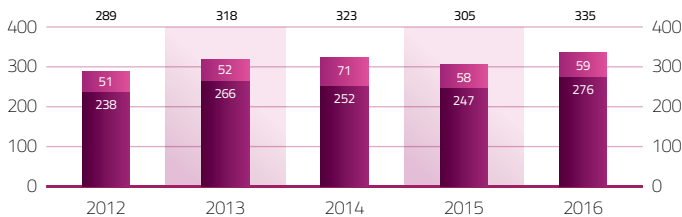
HOT ROLLED BARS AND SECTIONS



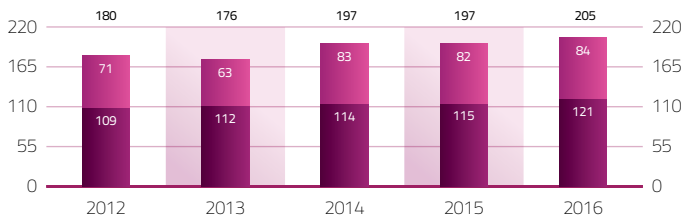
BRIGHT BARS



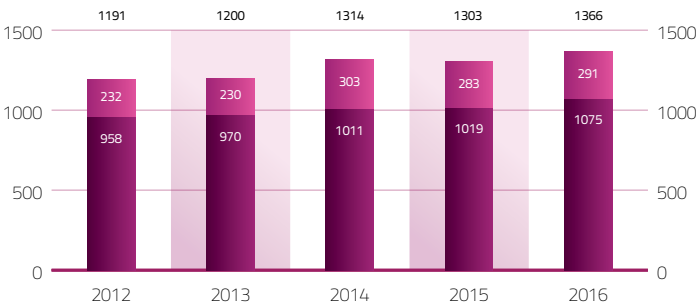
WIRE ROD



DRAWN WIRES



TOTAL STAINLESS STEEL LONG PRODUCTS



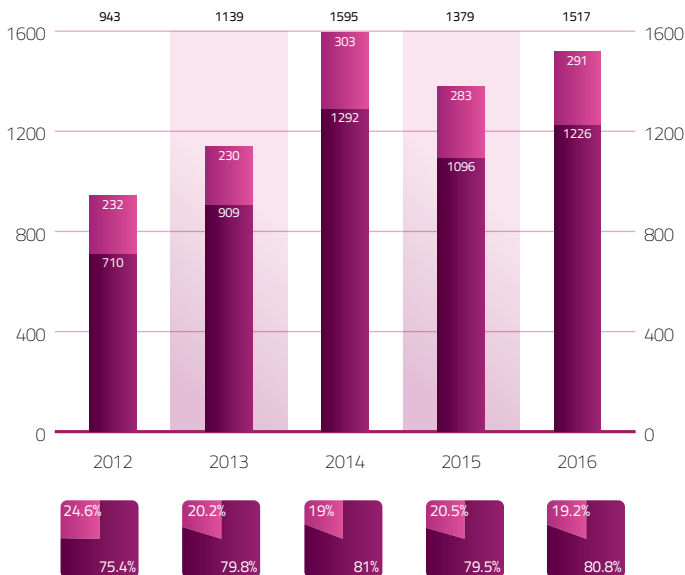
Including 1st transformation

Flat Long

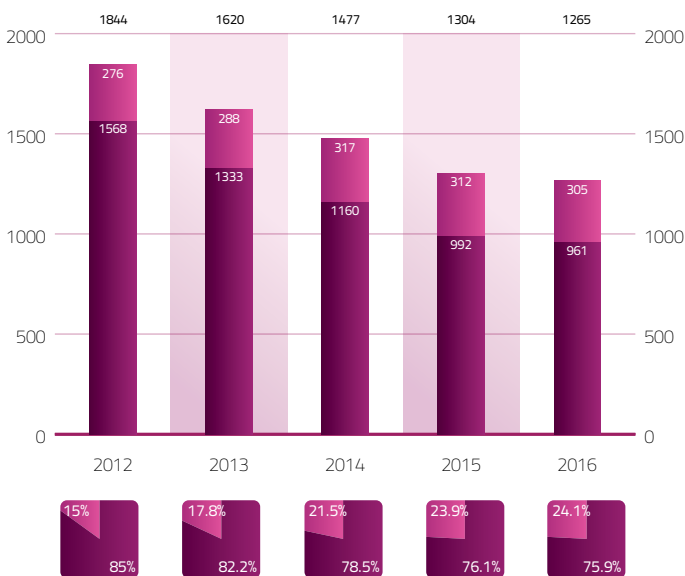
in '000 metric tonnes

Total including for re-rolling

THIRD COUNTRIES IMPORTS



THIRD COUNTRIES EXPORTS



ABOUT THE EUROPEAN STEEL ASSOCIATION (EUROFER)

EUROFER is located in Brussels and was founded in 1976. It represents the entirety of steel production in the European Union. EUROFER members are steel companies and national steel federations throughout the EU. The major steel companies and national steel federations in Switzerland and Turkey are associate members.

ABOUT THE EUROPEAN STEEL INDUSTRY

The European steel industry is a world leader in innovation and environmental sustainability. It has a turnover of around €170 billion and directly employs around 320,000 highly-skilled people, producing on average 170 million tonnes of steel per year. More than 500 steel production sites across 22 EU Member States provide direct and indirect employment to millions more European citizens. Closely integrated with Europe's manufacturing and construction industries, steel is the backbone for development, growth and employment in Europe.

Steel is the most versatile industrial material in the world. The thousands of different grades and types of steel developed by the industry make the modern world possible. Steel is 100% recyclable and therefore is a fundamental part of the circular economy. As a basic engineering material, steel is also an essential factor in the development and deployment of innovative, CO₂-mitigating technologies, improving resource efficiency and fostering sustainable development in Europe.

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