



ICSG Directory of Global Copper First Use Capacity: 2020 Edition

The International Copper Study Group has released its 2020 edition of the “Directory of Copper and Copper Alloy Fabricators – First Use”. This directory provides a systematic global overview of companies and plants involved in the use of refined copper, copper scrap and copper alloy scrap. Plants covered are those using refined copper and scrap to produce copper wire rod, tubes, other copper semis and brass mill products. The 2020 edition includes an updated overview of plant capacities for 2019, new copper use capacity commissioned in 2020 and the future pipeline of copper and copper alloy fabrication projects by country and by product. New capacities are reported in every region, together with an update of the current plant status.

A significant number of new plants using refined copper and scrap are reported in China, Vietnam, the United States, Malaysia, Japan, Thailand and Bulgaria. We continue to monitor the reallocation of production capacity from North Asia, China and the Korean Republic to Vietnam, Thailand and to other ASEAN countries. The reallocation of plants from North East Asian fabricators to South Asia for cost and trade reasons are identified case by case. A detailed description of the capacity situation for every fabricated product and country is included, with a description of the status of each of the new plants expected to be commissioned in 2020-2022. A review of the global capacity pipeline of the projects to be commissioned in 2021-2022 reveals an important expected addition of over 3 million tonnes with copper wire rod capacity addition of 1.5 million tonnes.

An order form is attached to this press release and the Directory also includes a comprehensive Excel database.

Directory of Global Fabrication Capacity by Region: End of 2020 and Project Pipeline

Excluding Projects Commissioned to Start Operations Beyond 2020 and Projects Cancelled and Delayed in 2016-2020

	Castings/								Not Classified	Total
	Foil	Ingots	Powder	PSS	RBS	Tubes	Alloy Wire	Wire Rod		
China	641.4	-	-	2,651.8	1,015.7	2,828.4	356.4	19,042.8	-	26,818.0
EU-27+UK+Norway+Switzerland	10.0	469.5	6.0	999.0	1,800.9	694.1	225.9	2,835.7	-	7,011.1
North East Asia ex-China	414.6	174.0	11.5	978.7	654.8	490.5	186.0	2,980.0	96.0	6,004.1
North America	41.0	247.7	-	695.3	616.4	888.9	68.0	2,771.8	18.0	5,347.1
South East Asia, India and Oceania	135.6	171.6	20.6	372.3	420.8	489.8	74.3	3,206.7	72.2	4,817.1
Middle East and North Africa	2.5	81.7	-	87.0	224.0	142.9	6.9	2,456.8	-	3,071.1
South and Central Americas	35.8	38.5	-	506.5	217.7	227.0	64.8	1,409.2	-	2,418.7
Rest of Europe+Central Asia	2.0	39.7	26.1	202.0	54.0	87.4	5.4	1,115.0	-	1,531.6
Africa - Southern and Central	-	23.4	-	49.9	76.4	25.0	3.3	176.5	-	348.5
	Castings/								Not Classified	
	Foil	Ingots	Powder	PSS	RBS	Tubes	Alloy Wire	Wire Rod		
Existing Plants December 2020	1,282.9	1,246.1	64.2	6,542.5	5,080.7	5,874.0	991.0	35,994.5	290.0	57,367.3
Project Pipeline 2021-2022	147.0	-	-	693.0	410.0	100.0	50.0	1,497.0	-	2,897.0
Project Pipeline 2023 and More	-	-	-	50.0	-	-	-	1,400.0	-	1,450.0
All Capacity Reported 2020	1,429.9	1,246.1	64.2	7,285.5	5,490.7	5,974.0	1,041.0	38,891.5	290.0	61,714.3

