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Study of China's Latest Five-Year Plan Shows Expected Growth in Copper Demand of 16%

New York, NY, March 9, 2017 – International Copper Association (ICA) today issued an analysis of China's thirteenth Five-Year Plan (FYP) which shows an estimated 16% increase of copper demand compared to the previous FYP. During this period, demand for copper is expected to grow from approximately 28 million tonnes to 32 million tonnes. The current FYP covers the years 2016 through 2020.

ICA, the leading authority on copper end-use, commissioned the research to All China Marketing Research Co., Ltd. who analyzed the expected demand for copper within six major end-use markets: building construction, power infrastructure, transportation, home appliances, manufacturing (industrial motors), and electronic information (mobile devices and computers). The sectors represent about 60% of the Chinese copper market.

“The expected demand for copper resulting from China's thirteenth FYP is a reflection of significant planned government investment in several markets,” said Colin Bennett, Market Analysis and Outreach, ICA. “China's shift towards urbanization plays well for copper in areas such as building construction, power infrastructure and transportation.”

A detailed look at the data shows the power infrastructure sector is expected to see a growth in copper demand from 4 to 5 million tonnes. Within this sector, China is expected to add 470 gigawatts of power to its infrastructure. 31% of that new power generation will come from wind and solar PV.

The building construction market is forecast to increase 14%, from 12.6 to 14.4 million tonnes. Non-electrical applications such as heating, ventilation, and air conditioning, hardware, and water and gas will account for 75% of the anticipated copper demand. Additionally, completed floor space of residential buildings is expected to increase 21% during this timeframe.

Another sector expected to see notable growth is electronic information. Although it is smaller in volume than building construction and power infrastructure, this category is expected to see a 30% increase (2.4 to 3.1 million tonnes) in copper demand during the FYP.

Within transportation, the electrical vehicle market is expected to see significant growth under the thirteenth FYP. The number of electric vehicles on the road are expected to increase over 830% from 480,000 to 4.5 million. As a result, the number of charging stations will grow from 2,000 to 12,000 and charging piles will increase from 240,000 to 4.6 million.

For a greater analysis of the China FYP and its impact on future copper demand, attend the ICA workshop and panel discussion during the [World Copper Conference 3–5 April 2017 during CESCO Week in Santiago, Chile.](#)

About International Copper Association (ICA)

ICA brings together the global copper industry to develop and defend markets for copper and to make a positive contribution to society's sustainable development goals. Headquartered in New York, ICA has offices in four primary regions: Asia, Europe and Africa, Latin America, and North America. Copper Alliance[®] programs and initiatives are executed in nearly 60 countries through its regional offices. For additional information please visit copperalliance.org.