



Future China Transport

Study Name: Future China Transport
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New research commissioned by the International Copper Association (ICA) has found that copper demand from the Chinese transport sector could rise to 3.3 million tonnes by the year 2030. Such a rise would mean a 2.13 million tonne increase from 2018 levels. The change, driven by overall increases in China's transport infrastructure, will primarily come from the automotive and rail sectors.

Copper demand forecast for Chinese transport sectors 2018 - 2030

Copper demand forecast (neutral case)

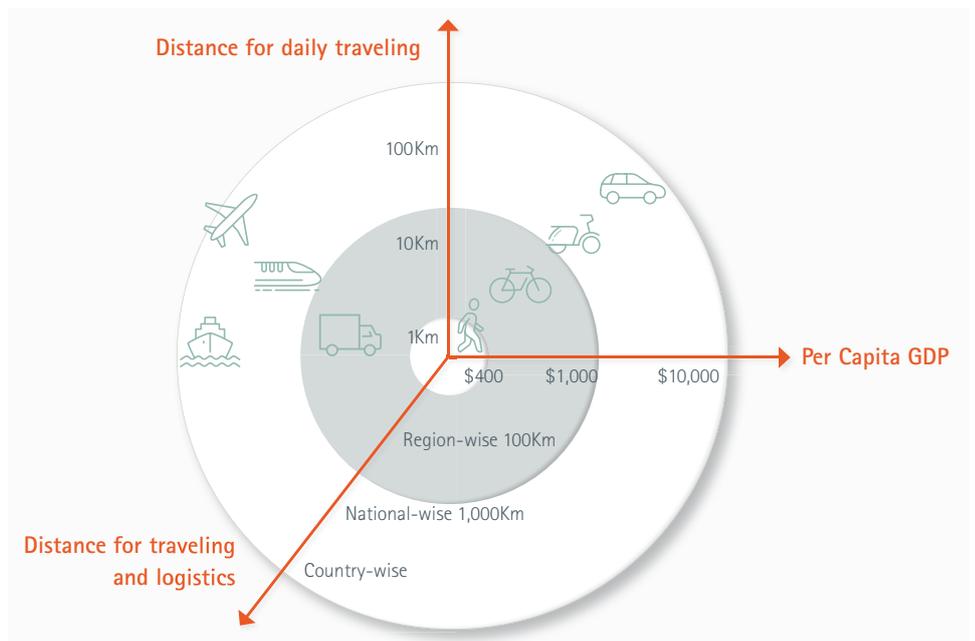
Unit: thousand tonnes copper



Development of China's transportation system

From 2008 - 2018, per capita GDP in China increased from \$1,000 to \$10,000. The result was increased urbanization, investment in transport infrastructure and individuals, demands for better logistics. Due to the large land area and high population density in China, high-speed rail is a suitable

solution for future transportation requirements at a national level. This network will support regional and cross-regional economic development. Change has been driven by electrification, autonomy, connected, sharing and environmental friendliness within all modes of transport.



Copper intensity increase 2009 - 2019 in Chinese transport sectors

