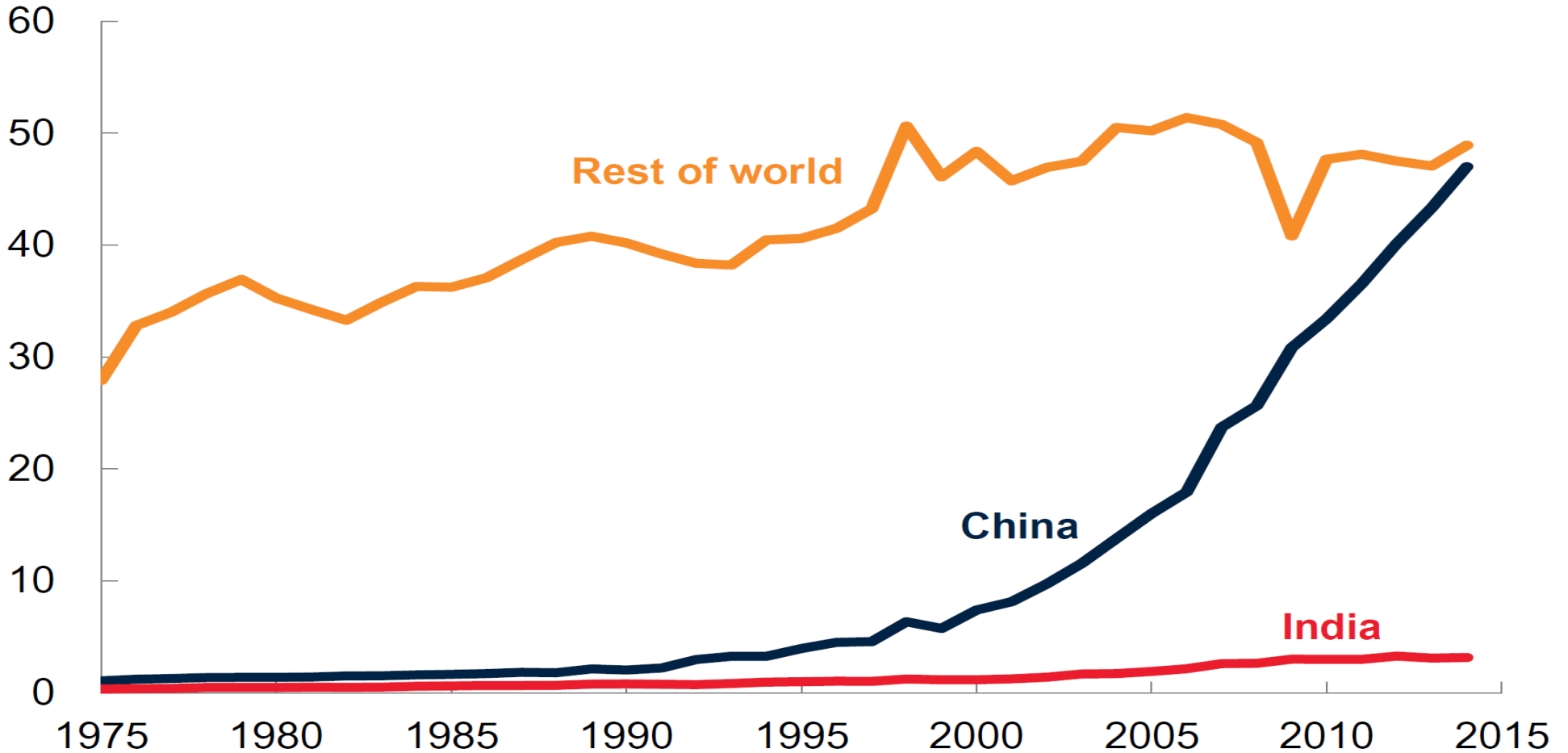


Metal consumption

Million metric tons



Source: World Bureau of Metal Statistics.

Note: Last observation is 2014. The six metals are: aluminum, copper, lead, nickel, tin, and zinc.

Area: Metals

- The Indian metal business is focused on
 - Steel
 - Aluminium
 - Copper
 - Zinc
 - Lead
 - Rare earths and
 - Titanium

- For all metals, per capita consumption in the Indian context is substantially lower than the global average. Same is the case for R&D expenditure

- Opportunities are huge due to rising demands

- Lack of strategic positioning is the main challenge along with dumping by China

Iron & Steel : Current Status

- India is the world's largest producer of sponge iron with a host of coal based units, located in the mineral-rich states of the country. Indian sponge iron production contributes more than one-third of the global production.
- India is world's third largest steel producer. (~ 125 Mtpa as per data of 2017).
- India is expected to reach 2nd position globally very soon (140Mtpa)
- India's per capita consumption of Steel is 57 kg/a while it is 460 kg/a in China, 507kg/a in Japan and 1157 kg/a in Korea.
 - The world average is 215 kg/a. Indian market is expected to grow to 200 kg/a by 2030.