Sustainability and climate change present growing challenges for policymakers, businesses, and society. Regulators are adopting policies intended to break the link between economic growth and the use of natural resources. Industries are making new products and systems that need fewer materials, but still satisfy customer expectations. Society, both businesses and citizens, needs to be much more aware of the importance of returning end-of-life products back into recovery and recycling.

This infographic shows how copper supports the circular economy.

- **Challenges**
  - Urbanization
  - Infrastructure
  - Population growth
  - Resource availability
  - Mobility needs
  - Summer heat
  - Energy supply
  - Precipitation
  - Greenhouse gases
  - Deforestation
  - Water availability
  - Globalization

- **Cu**
  - **MAKE**
    - Copper is a naturally occurring mineral resource in the earth's crust.
    - 26.0 M Tonnes of copper products made by the copper industry
  - **USE**
    - The superior electrical and thermal conductivities of 1 tonne of copper can deliver lifetime savings of:
    - 100 – 7,500 T $25,000 – 2.5 M
  - **RETURN**
    - Being 100% recyclable, copper can be used again and again with no loss of properties.

- **3.7 M** Tonnage end-of-life scrap
- **4.9 M** Tonnage factory scrap
- **1/3** Of the global demand for copper is met through recycling

For more information about the copper industry's commitment to sustainability please visit sustainablecopper.org and copperalliance.org

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