

January 2025

## Cover Story

### **Copper's Role in EV drew the attention of almost 15000 visitors at Bharat Mobility Expo 2025!**

#### **Copper in Electric Vehicles**

**Bharat  
Mobility**  
GLOBAL EXPO 2025

**adani**  
Metals

ADITYA BIRLA  
HINDALCO

**vedanta**  
transforming for good



**ICA India and its members showcased the capabilities of India's copper industry at the Bharat Global Mobility Expo, attracting over 15,000 visitors.**

The event was a strategic platform to promote copper's vital role in the automotive sector, especially electric vehicles, to auto OEMs and a broad audience.

#### **Exhibition Objectives:**

- Promote the copper industry's capabilities to automotive manufacturers.
- Highlight copper's extensive use in the automotive sector, including its critical role in EVs.

## Key Takeaways:

- Copper is essential for India's economic growth and the transition to clean energy.
- The metal's importance spans various sectors, including construction, infrastructure, transportation, appliances, communication, defense, and healthcare.
- The exhibit targeted a diverse audience, from politicians and bureaucrats to auto OEMs and the general public.

Notable figures such as **Mr. Nitin Gadkari of the Ministry of Road Transport and Highways, Shri HD Kumaraswamy of the Ministry of Heavy Industries, Dr. Hanif Qureshi, IPS, and Shri Pankaj Jain of the Ministry of Petroleum and Natural Gas** engaged with our displays, affirming copper's significant role in powering sustainable transportation solutions.

The showcase not only **highlighted the functional advantages of copper but also encouraged meaningful discussions on its indispensable role in achieving sustainable energy goals. This expo was a testament to the enthusiasm and potential for copper to lead the way in an electrified future.**

[Watch The Glimpses](#)

## In Focus

### **Budget 2025: Customs Duty Removed on Copper Scrap & 12 other critical minerals**



#### **Budget 2025 Update** **Customs Duty Removed** **on Copper Scrap**

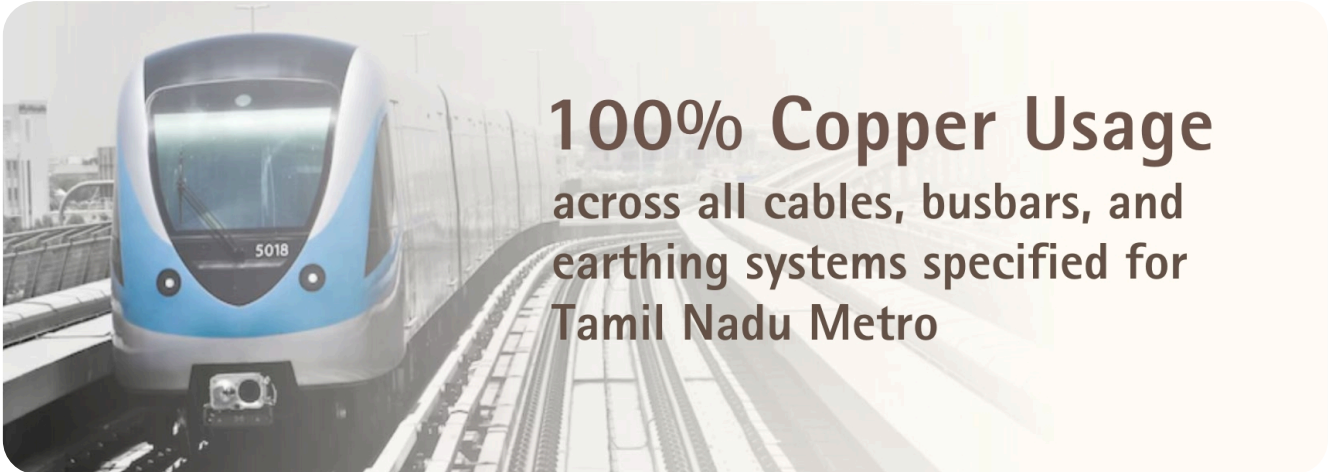
**In Budget 2025, the Indian government removed customs duties on copper scrap, following its 2024 decision to lift duties on copper blisters and concentrates.** This move aims to boost domestic copper processing and reduce costs for key industries.

Presently, India primarily relies on the **direct melting of scrap, resulting in variable copper purity** due to the use of diverse scrap types. Traditional methods are employed to reduce impurities, producing copper rods or billets which are non-compliant with the national standard. For electrical applications, **ETP-grade copper (99.9% purity, IS12444)** is essential to ensure safety and efficiency.

While the **Quality Control Order (QCO) is a step in the right direction, India must enhance its copper recycling process** through stronger policies and regulations to meet global standards and maximise copper's role in infrastructure, energy, and manufacturing.

## Copper Updates

### **100% Copper Specified for Tamil Nadu Metro Phase 2**



Tamil Nadu Metro Rail Authority incorporated **100% copper cables in their upcoming Metro Rail Phase 2 project** for all metro stations. This phase covers **8 underground metro stations**.

## **Event Highlight**



### **Solar-Powered Irrigation: A Step Towards Smarter Farming**

**January 22, 2025 | New Delhi**

ICA India, along with ASI and ICAR-NIAP, hosted a workshop on the potential of solar-powered micro-irrigation in agriculture. The discussions focused on how efficient solar adoption, backed by copper's reliability, can drive sustainable irrigation solutions.

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### **Copper Recycling in Focus at Battery Reuse Summit**

**January 18, 2025 | New Delhi**

ICA India's MD, Mayur Karmarkar, participated in the India Battery Recycling and Reuse Summit, discussing the role of copper in efficient battery recovery and circular economy strategies.

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## Energy Savings at SAIL Bokaro: Industrial Motors Study

**January 16, 2025 | Bokaro Steel Plant, Jharkhand**

A pilot project by ICA India and EESL at SAIL Bokaro Steel Plant assessed ways to optimize industrial motors. The study showcased energy savings and operational cost reductions, reinforcing copper's efficiency in motor applications.

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## BME Conclave 2025: Copper Trade, Markets & Policy

**January 3-4, 2025 | Mumbai**

At Bombay Metal Exchange (BME) Conclave 2025, ICA India's Mayur Karmarkar engaged with copper traders, recyclers, and policymakers to discuss market shifts, trade challenges, and evolving industry standards.

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## Enhancing Distribution Transformer Reliability

**December 13, 2024 | Visakhapatnam**

ICAI and ITMA hosted a National Workshop on Distribution Transformer (DT) Repair, Operation, and Maintenance, bringing together industry experts and policymakers. The session emphasized best practices, efficiency improvements, and the role of copper in enhancing transformer performance.

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International Copper Association India