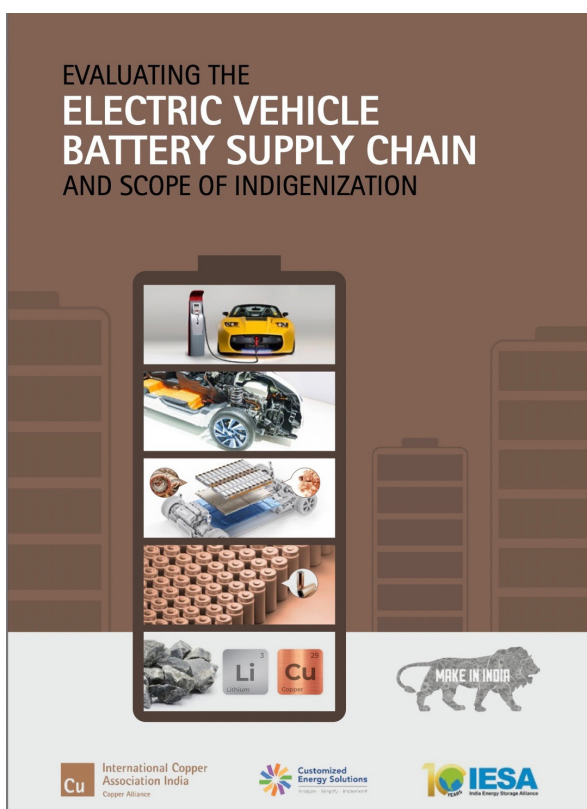


May 2023

Cover Story

ICA India's Whitepaper Reveals Crucial Role for Copper in Strengthening Domestic EV Manufacturing Ecosystem for Atmanirbhar Bharat



The white paper Evaluating the Electric Vehicle Battery Supply Chain and Scope of Indigenization highlights the significant role of EV batteries in India's clean energy transition for the automotive sector.

To fulfill future demand for batteries and motors in the EV deployment, the country needs to develop a complete value chain domestically.

Further as per industry estimates around 140 GWh of manufacturing of cells will be needed in India by 2030.

The study, conducted by the International Copper Association India (ICA India) and India Energy Storage Alliance (IESA), identifies gaps in domestic battery and component manufacturing and recommends solutions. The study recognises the importance of supporting the supply chain by expanding the PLI-ACC scheme to incorporate the components and materials used, including copper foil.

Promoting in-house production of copper foil, a critical component in cell manufacturing, will strengthen India's EV manufacturing ecosystem, reduce import dependency and support India's commitment to achieving net-zero emissions, aligning with the vision of Atmanirbhar Bharat.

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In Focus

ICA India Releases Whitepaper on Risk Management and mitigation measures in Solar Power Plants



Record investment in India's renewable energy sector spurs growth, but risks need mitigation for solar projects

Investment in India's renewable energy sector has reached new heights, with a record-breaking \$14.5 billion invested in the fiscal year 2021-22, marking a significant increase of 125% from the previous year.

While Solar power projects though perceived as Plug & Play solutions, sectoral experience suggests that the projects are experiencing severe time and cost over-runs due to a variety of factors that either directly or indirectly impact a project's financial viability. **This whitepaper takes this as a cue and stresses on the significant potential risks that Solar projects may face from inception to completion.** It also outlines possible mitigation measures to minimize the impact of the identified risks in order to maintain the industry's attractiveness to investors and the sector's profitability.

The paper provides valuable insights and recommended measures for stakeholders in the solar power plant value chain, aiding decision-making processes for current and future solar companies in India's market.

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Announcement

ICA India Honoured at IESA Industry Excellence Awards With Best Partner Organization for Exceptional Support in Advancing India's Energy Storage and Mobility Sectors



The 6th IESA Industry Excellence Awards on Energy Storage, eMobility, green hydrogen & Microgrids was held in Delhi. International Copper Association India was recognised for its exemplary efforts in supporting the Indian industry in the areas of energy storage, and E-mobility sectors.

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