

Report Launch

'Financing the Decarbonization of Indian Secondary Steel Sector: Towards an Enabling Environment'

**Date: 18th December 2023 | Time: 15:00-16:30 (IST)
Online**

About the Event

India is the second largest producer of steel in the world, with its secondary steel sector contributing to about 55 per cent of the overall output. The Indian secondary steel sector is predominantly comprised of Directly Reduced Iron (DRI) units using Electric-arc or Induction furnaces, as well as several small and medium-sized steel rerolling mills. The dependence of coal continues to prevail strongly within the secondary steel sector in India, which remains highly emission intensive – emitting an estimated 50 million tonnes of CO₂ annually (TERI-GIZ, 2022). Consequently, in pursuit of India's climate commitments to achieve net-zero emissions by 2070, it becomes crucial for India to decarbonize its steel sector and facilitate the secondary steel sector, in particular, to improve upon energy efficiency and emission reduction goals. The adoption of energy-efficient and low-carbon technologies for decarbonization, however, requires significant financial support. Currently, the Indian secondary steel sector faces several bottlenecks to accessing finance. Given the scale of transition required, without access to international finance, the decarbonization of MSMEs in the steel sector may not be possible in time.

The Energy and Resources Institute, in association with DIW Berlin, conducted a study titled '**Financing the Decarbonization of Indian Secondary Steel Sector: Towards an Enabling Environment**' to elaborate on the challenges faced by the Indian secondary steel sector in accessing finance for decarbonization technologies and to identify the ways in which an enabling environment can be developed to allow international finance to be channelled into facilitating technological upgradation for the sector. The **Webinar** will see the launch of our study which also elaborates on the potential of several low-carbon transition technologies and pathways for the sector, alongside their financial requirements. The webinar will bring together key stakeholders from industry, financial institutions, academia, and the policy sphere to deliberate on the suggested policy needs and strategies for the cost-effective, timely decarbonization of the secondary steel sector to ultimately contribute to India's climate ambitions.