

Contribution ID: 5
Paper

Type: Oral Presentation - Presentation will be held without submitting a Full

## The role of BOF Converter Steelmaking in the Decarbonization of Steel Production

Tuesday, 20 May 2025 14:40 (20 minutes)

For our industry's efforts to reduce its contribution to CO2 emissions, including larger amounts of pre-reduced metallics in the raw materials mix represents major potential. Within existing integrated plants, this can be applied at the blast furnace, but the BOF shop plays an equally important role. An overview of existing technologies and methods is set out in this paper. The study also deals with the economic and environmental aspects.

## **Speaker Country**

Netherlands

Are you interested in publishing the paper in a Steel Research International special issue?

**Primary author:** Mr VERMA, Deepak (Danieli Corus)

Co-authors: Mr LARSSON, Peder (Danieli Corus); Mr VAN DEN BERG, Bart (Danieli Corus)

**Presenter:** Mr VERMA, Deepak (Danieli Corus)

**Session Classification:** New developments in converter technology

Track Classification: New developments in converter technology