



Contribution ID: 477

Type: **Poster Presentation**

## Experiences and lessons learned from Metso's Outotec pilot DRI smelting tests

*Tuesday 7 October 2025 20:00 (1 minute)*

“A smelting furnace (SAF, OBSF, ESF) has been recognized as an important new process step in decarbonization of iron and steel production. For de-risking the industrial projects utilizing new technologies, various test work steps have been necessary for scale up purposes. This paper is presenting Metso experiences and lessons learned from the in-house smelting test work. The most interesting topic are experiences of the new 3-in-line pilot DRI smelting furnace, where smelting of tens of tons carbon containing DRI and carbon free containing DRI has been done in Q1-Q2 2025.”

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**Session Classification:** Poster Session

**Track Classification:** Ironmaking - Direct reduction and smelting reduction