



Draft Agenda

Day 1 26th April

Keynote Session – Optimizing DRI production: environmental sustainability and alternative revenue streams

08:45 Chairperson's opening remarks

09:00 Carbon capture and sequestration in DRI

- How does carbon capture work?
- What possible markets are there for the CO₂?

Arafat Yafei, CEO, Reyadah/ADNOC

09:30 CO₂ capture and DRI recycling

- How much DRI can be sequestered from the process? How can plants be modified to do this?
- Briquetting oxide fines and DRI sludge – what is required to do this?

Joel Morales, Technical Marketing Manager, ENERGIRON/Tenova Hyl

09:50 Optimising DRI production and automation

- How can DRI production be made more efficient?
- What can DRIPax offer DRI operators?

Robert Montgomery, Plant Sales Manager – MENA Region, Midrex

10:15 Key strategies for exceptional plant productivity, availability and reliability at Qatar Steel DR modules

Durgesh Gupta, Head of Section, Direct Reduction Department, Qatar Steel

10:45 Challenges to the DRI industry in the MENA region

- DRI competitiveness in relation to the scrap price
- How can DRI producers adapt to gradually increasing energy costs and cost reduction initiatives?
- Emirates Steel – plant performance and challenges ahead

Appala Poodi, Plant Manger DR Module, Emirates Steel Company

11:15 Networking refreshment break

11:45 Technical aspects of carbon capture

- What process is used to capture and store the CO₂?
- Installation costs – capex and ROI



Dipak Sakaria, CCF Project Manager, **Reyadah/ADNOC**

12:15 Performance of Centralloy® 60 HT D tubes in Midrex® DRI units

- New alloy material and enhanced reformer tube lifetime in Midrex® modules

Pablo Cardin, Product Manager, **Schmidt+Clemens Group**

12:45 Advanced Microalloyed steel for Midrex type reformer tubes

- How can temperature capability and life span be increased?

Juan Carlos Cairo, DRI Tech Manager, **Manoir Industries**

13:15 Networking lunch break

Session II: Case studies

14:30 Algeria - new mega module

- What are the commercial advantages of setting up a mega module in Algeria?
- Which markets will this module serve?

Yousef Ahmed Al Muhannadi, General Manager, **Algerian Qatari Steel**

15:00 Egypt – Ezz Rolling Mill's mega module

- Succeeding in difficult start up conditions
- First year process enhancement and production

Gopal Seenivasagam, Plant Manager, **Ezz Rolling Mills**

15:30 Jindal Shadeed –adapting to tight gas supply

- What steps have been taken to ensure DRI production remained consistent in tight gas supply conditions?

Gautam Das, Deputy General Manager, **Jindal Shadeed**

16:00 Networking refreshment break

16:30 Advanced simulation and control systems of the ENERGIRON plants

- How can DRI quality and plant consumptions be optimized in a reliable and consistent way?
- How to avoid the typical delay between detection of DRI quality changes and consequent modification of operating parameters?

Iouri Martynov, Sales Manager, **ENERGIRON/Danieli**

Session III: Supporting the DRI industry – Inputs and shipping

17:00 Safe shipping of DRI

- What requirements are there to ship DRI safely? How are regulations changing?



Chris Barrington, Secretary, IIMA (International Iron Metallics Association)

17:30 Networking reception and end of day 1

Day 2 27th April

Session IV: Raw materials – Iron ore and steel scrap

08:45 Chair person's opening remarks

09:00 Iran – world leading DRI production rates

- Iranian iron ore – what quality is available?
- Pelletizing bottle neck – when will this ease?
- Global trade – could iron ore be exported internationally?

Dr. Bahram Shakuori, President, Mines & Mineral Industrial Commission of Iran Chamber of Commerce

Dr. Keyvan Jafari Tehrani, Head of International Affairs, Iropex

Mohammad Reza Nikousokhan, Commerce Deputy, IRITEC

Hossein Etminan, Commercial Manager, Golgohar

Shafie Shafieian, Advisor to the Managing Director, Iran Central Plateau Iron Ore Mines Complex

11:00 Networking refreshment break

11:30 Vale Oman – reliable pellet source

Humberto Oliveira, Head of Technical Marketing – DR & India, Vale

12:00 Iron ore – availability and forecasts

- Iron ore prices - will the price recovery continue? Where will prices stabilise?
- Metal Bulletin's DR grade pellet index

Jon Mulcahy, Analyst, Metal Bulletin Index

Session V: Pelletizing technology

12:30 Comparison of straight grate and grate kiln pelletizing technologies

- A technical and economic comparison of available technologies

Manuel Huerta, Senior Process Engineer – Iron & Steel, Hatch

13:00 Advances in pelletizing technology

- How are pelletizing technologies improving process efficiency, product consistency and environmental sustainability?



Stefan Mehl, Director – Solution Sales – Ferrous and Ferroalloys, **Outotec**

13:30 Networking lunch and end of conference