

# PRESS RELEASE – 13<sup>th</sup> Steelie Awards shortlist announced

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The World Steel Association (worldsteel) has announced the shortlist for the 13<sup>th</sup> Steelie Awards. The Steelie Awards recognise member companies for their contribution to the steel industry over a one-year period in a series of categories impacting the industry. The winners will be revealed on Monday 17 October. The Steelies are awarded in six categories:

## Excellence in low-carbon steel production:

- **Ansteel Group Corporation Limited** Low CO<sub>2</sub> emission blast furnace charge solution based on low basicity high silicon pellets and its application
- **Ansteel Group Corporation Limited** The R&D of digitisation and networking energy management system at the Bayuquan site
- **ArcelorMittal** CO<sub>2</sub> reduction by means of coke oven gas co-injection in blast furnace
- **JSW Steel Limited** Project SEED (Sustainable Energy Environment and Decarbonisation)
- **Tenaris** Smart furnace for scrap use optimisation based on mathematical models and data science
- **Ternium** Carbon capture and utilisation (CCU) in Ternium Mexico

## Innovation of the year:

- **Big River Steel, a U. S. Steel Company** Development of a single phase (SP) nano-precipitation strengthened batch-annealed SP590 sheet steel with outstanding formability: a low-cost, greener DP590 alternative?
- **HYUNDAI Steel Company** Development of materials for electric vehicle reducer
- **HYUNDAI Steel Company** Development of 1.5 GPa hot stamping steel in conjunction with high toughness performance
- **JFE Steel Corporation** Novel arc welding process for heavy-thickness steel plates with ultra-narrow groove weld joints
- **POSCO** STS high-speed extended width AC electrolytic pickling technology

## Excellence in sustainability:

- **Bangladesh Steel Re-Rolling Mills Limited** An innovative project for utilising 100% induction furnace slag to replace unsustainable fired clay bricks and stone chips in Bangladesh
- **Gerdau S.A.** BIOCOKE

- **JFE Steel Corporation** Refractories for hot metal transport vessels contributing to a sustainable society
- **JSW Steel Limited** Development of construction sand from waste steel slag
- **POSCO** Recycling shell waste for sustainable steelmaking

### Excellence in Life Cycle Assessment:

- **ArcelorMittal** Carbon footprint of cold stamping and hot stamping components
- **HBIS Group Co., Ltd.** Using LCA to promote the carbon emission reduction in the whole value chain of hydrogen-based DRI projects
- **JSW Steel Limited** Developing and implementing an Environment Product Declaration (EPD) programme and promoting it in market communications
- **Nippon Steel Corporation** EPD development for steel products
- **Tata Steel** PACI – a tool to support innovation and customer engagement through life cycle thinking in the steel value chain
- **Tata Steel** Using LCA to identify environmental hotspots to drive decarbonisation

### Excellence in education and training:

- **Emirates Steel Arkan** Career Aspirations Programme
- **HBIS Group Co., Ltd.** High Skilled Talents Training Centre
- **JSW Steel Limited** TalenTech
- **Tata Steel** Capability Building for Agile Transformation (UDAAN)
- **Ternium** Competences Certification Programme for Risky Tasks (CCRT)

### Excellence in communications programmes:

- **Gerdau S.A.** How the century-old Gerdau transformed its image and became the steel company with the highest global engagement
- **HYUNDAI Steel Company** Children's Vocational Experience Center
- **JSW Steel Limited** 'Always Around' campaign
- **POSCO** Programme designed to bring the steel industry closer to the social media-savvy MZ generation
- **Tata Steel** Communication on diversity and inclusion
- **Tenaris** New way of working and new offices
- **Ternium** Ternium Safety Day

The [selection process](#) for the shortlist varies between awards. In most cases the submissions are requested via the appropriate worldsteel committee. Entries are then judged by selected expert panels.

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## Notes

- The World Steel Association (worldsteel) is one of the largest and most dynamic industry associations in the world, with members in every major steel-producing country. worldsteel represents steel producers, national and regional steel industry associations, and steel research institutes. Members represent around 85% of global steel production.