

PRESS RELEASE – 14th Steelie Awards shortlist announced

09 October 2023 | Brussels, Belgium

The World Steel Association (worldsteel) has announced the shortlist for the 14th 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, 16 October. The Steelies are awarded in six categories:

Excellence in low-carbon steel production:

- **Aço Verde do Brasil (AVB)** Scrap pre-heating for BOF charging
- **ArcelorMittal** ArcelorMittal's 'Forest to Steel' strategy: bioenergy as a driver for greener steel production
- **China Baowu Steel Group Corporation Limited** Development and application of low-carbon metallurgical technology based on HyCROF
- **Emirates Steel Arkan** CO₂ synergy: transforming Emirates Steel Arkan emissions into enhanced oil recovery solution for ADNOC
- **HBIS Group Co., Ltd.** Unique coke oven gas zero-reforming DRI process combined with EAF
- **POSCO Holdings** HMR70 steelmaking technology in combined blowing converter

Innovation of the year:

- **Ansteel Group Corporation Limited** Integrated design of single chemistry of multi-grade AHSS and industrial application
- **Big River Steel, a US Steel Company** Development of a high-strength, high-formable, lean, single-phase, nano-precipitation strengthened sheet steel for automotive applications with a minimum tensile strength of 780MPa
- **China Baowu Steel Group Corporation Limited** Technology and development of Fe-Ni-based alloys wide and heavy plates in the photovoltaic industry
- **JFE Steel Corporation** Water-quench type 1.5GPa ultra-high strength cold rolled steel sheet and new cold pressing technology for automotive parts
- **voestalpine AG** Tailormade functional steel (tfs)

Excellence in sustainability:

- **China Baowu Steel Group Corporation Limited** The complete set of process, equipment and demonstration of green and efficient rotary hearth furnace collaborative treatment of solid and hazardous waste in iron and steel plant
- **JSW Steel Limited** Waste plastic injection in blast furnace
- **Mobarakeh Steel Company (MSC)** 'Sustainable Water Management by Creating Shared Value with Local Communities'
- **POSCO Holdings** Fe-enhanced slag silicate fertilizer: How application of blast furnace slag reduces methane emissions in rice farming
- **Ternium** and **Tenaris** ProPymes: Ternium and Tenaris value chain strengthening programme

Excellence in Life Cycle Assessment:

- **Baotou Iron & Steel (Group) Co., Ltd** Develop green steel with LCA and jointly carry out eco-design with mine vehicle enterprises
- **China Baowu Steel Group Corporation Limited** Application of Baosteel online detailed LCA platform
- **China Steel Corporation (CSC)** Green transition in the steel industry: CSC leads carbon footprint inventory and innovation based on LCA
- **CITIC PACIFIC Special Steel Group Co., Ltd** Innovation practice in China's first Product Category Rule (PCR) for special steel used in automotive components
- **JSW Steel Limited** Using LCA in new Advanced High Strength Steel product development and promotion
- **POSCO Holdings** LCA-based case studies on avoided emissions measurement

Excellence in education and training:

- **China Baowu Steel Group Corporation Limited** Rotation training programme for frontline employees
- **Gerdau S.A.** Culture path – openness with truth and respect
- **JFE Steel Corporation** Achieving a smooth skill transfer method by systematising work standards
- **JSW Steel Limited** Action Learning Projects at JSW by cross-functional teams: new ideas for business and strategic optimisation
- **POSCO Holdings** Technician Level Designation and Master Title Programme (TL Programme)
- **Tata Steel** Schools of Excellence
- **Ternium** From conventional classroom training to high-engagement immersive training for operators using virtual reality – development of a continuous casting simulator

Excellence in communications programmes:

- **ArcelorMittal** 'Futurising' podcast (series two)
- **Gerdau S.A.** Infinite stage: with Gerdau, steel becomes key attraction at world's largest music and entertainment festival
- **JSW Steel Limited** Earth Care Awards 2022
- **POSCO Holdings** 'Miracle of 135 Days'
- **Tata Steel** Tata Steel on campus - connecting with the makers of tomorrow
- **Tenaris** Tenaris for Energy Transition
- **United States Steel Corporation** Steel Stories by U. S. Steel Podcast

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.