

PRESS RELEASE – 15th Steelie Awards shortlist announced

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The World Steel Association (worldsteel) has announced the shortlist for the 15th 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, 14 October. The Steelies are awarded in six categories:

Excellence in low-carbon steel production:

- **ArcelorMittal** Steelanol: Converting steel mill gas to ethanol
- **China Baowu Steel Group Corporation Limited** HyCROF commercial demonstration project
- **CITIC PACIFIC Special Steel group Cp., Ltd** Hydrogen-full oxygen-intelligent combustion
- **JSW Steel Limited** Transition to low-emission steel production through a multi-pronged approach and transparent disclosure
- **POSCO** Interim ('bridge') technologies – low-emissions feedstock blend and digital twin to support transition to net-zero steelmaking
- **Shougang Group** Five-effects-in-one comprehensive utilisation system – integrated efficient recycling of 'combustion-heat-electricity-water-salt'

Innovation of the year:

- **JFE Steel Corporation** Development of 780MPa high-strength steel with excellent seismic resistance and construction efficiency achieved through an innovative heat treatment process
- **POSCO** AISi-coated 2GPa press hardened steel for automotive application: Innovation against hydrogen embrittlement
- **POSCO Holdings** Innovative PosZET® Welding Technology for Eco friendly/Lightweight/Cost-effective Auto Parts
- **Ternium** Nitrogen and residuals control in EAF for automotive and high-end applications
- **Ternium** Ternium steel solutions for optimised truck trailers used for freight transport

Excellence in sustainability:

- **Aceros AZA S.A.** AZA Contigo – Base recyclers
- **Gerdau S.A.** ESG in the supply chain
- **HBIS Group Co., Ltd** Carbon2Rock -Steel slag in situ fixed flue gas CO2 production negative carbon building materials project
- **Nucor Corporation** Nucor Brandenburg LEED v4 BD+C Silver Certified
- **POSCO** Odour control consulting programme for supply chain partners
- **Tenaris** Building the first Tenaris wind farm in Argentina

Excellence in Life Cycle Assessment:

- **ArcelorMittal** ArcelorMittal LCA modelling programme
- **China Baowu Steel Group Corporation Limited** An eco-design solution for non-LCA professionals - CFP prediction tool in the steel sector
- **Emirates Steel Arkan** Real-time carbon insights: Emirates Steel's LCA platform for carbon-conscious steel manufacturing
- **HYUNDAI Steel Company** LCA-based cooperation within the supply chain of the Hyundai Motor Group
- **JFE Steel Corporation** Low embodied-carbon green office building by adoption of green steel products, 'JGreeXTM'
- **JSW Steel Limited** Automation of LCI data collection process to reduce the turnaround time of LCA results and EPD declaration for stakeholder disclosures
- **Nippon Steel Corporation** Application of LCA to corrosion-resistant steel products CORSPACE for steel bridges and port facilities
- **Tata Steel** LCA methodology in multifunctional and circular systems

Excellence in education and training:

- **HBIS Group Co., Ltd** Promoting the cultivation of high skilled talents by establishing an enterprise training and education platform
- **Indian Iron & Steel Sector Skill Council (IIS SSC)** Recognition of prior learning (RPL) for contractual workforce
- **POSCO** Quality-Safety-Stability (QSS) training programme
- **Tata Steel** Enhancing and reinforcing the safety risk perception of the workforce in the organisation
- **Ternium** Ternium Leadership Excellence Academy for Cultural Transformation

Excellence in communications programmes:

- **ArcelorMittal** Believe in Zero
- **HBIS Group Co., Ltd** Hydrogen metallurgy project presents a steel green vision to the public
- **Jindal Steel and Power Limited (JSPL)** Steel of India
- **JSW Steel Limited** 25 years of JSW Steel Vijayanagar
- **POSCO** Fantasteel
- **Tata Steel** SteelCast podcast
- **Ternium** Steel for the Mobility of the Future
- **United States Steel Corporation (USS)** U.S. Steel and HGTV 2024 Smart Home Partnership

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 independent 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.