

PRESS RELEASE – 16th Steelie Awards shortlist announced

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The World Steel Association (worldsteel) has announced the shortlist for the 16th 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, 13 October. The Steelies are awarded in six categories:

Excellence in low-carbon steel production:

- **ArcelorMittal Torero**: Upgrading wood waste into renewable fuel for a greener steel industry: a large-scale demonstration
- **China Baowu Steel Group Corporation Limited**: Optimisation of raw materials preparation for ironmaking using third-generation straight grate pelletising technology
- **EMSTEEL**: Pioneering low-carbon steel: EMSTEEL's multi-lever net-zero strategy
- **JSW Steel Limited**: Sustainable energy, environment, and decarbonisation (SEED): Accelerating decarbonisation through process efficiency and innovation

Innovation of the year:

- **HYUNDAI Steel Company**: Development of 1.8GPa grade ultra high-strength hot-stamping material coated with zinc
- **InfraBuild SENSE 600**: Innovative lower-embodied carbon reinforcing steel solution
- **JFE Steel Corporation**: Development of advanced sour resistant low-alloy steel for sour gas transportation pipes to contribute stable energy supplies
- **JFE Steel Corporation**: J-Lecoa™: World-first integrated levelling control system for fully automated hot strip mill operation
- **POSCO**: Ni-free high manganese austenitic steel for cryogenic energy industries

Excellence in sustainability:

- **China Steel Corporation (CSC)**: Zhong Neng offshore wind farm – advancing a triple win for the economy, environment, and society
- **EMSTEEL**: EMSTEEL suppliers' ESG impact mapping and responsible sourcing framework
- **Gerdau S.A.**: Gerdau for Rio Grande do Sul: Rebuilding the state after a climate tragedy
- **HBIS Group Co., Ltd.**: Cross-utilisation of waste water and waste heat forming a new path for the deep integration of EAF process and urban development

- **HYUNDAI Steel Company** Advancement of resource circulation using byproducts between different industries
- **Mobarakeh Steel Company** Transforming industrial sludge into strategic value: A sustainability-driven innovation in steelmaking
- **Ternium** Winds of change: Ternium's first step into renewable energy in Argentina

Excellence in Life Cycle Assessment:

- **ArcelorMittal** Life Cycle Assessment being a vital part of AI-driven structural optimisation - Virtual Design Platform (VDP)
- **CITIC PACIFIC Special Steel Group Co., Ltd.** Innovative practices in the development of low-carbon special steel products and brand building based on Life Cycle Assessment
- **HBIS Group Co., Ltd.** "LCA+Life Well-Being Index" Collaborative Evaluation System: Innovating to drive marketing and application of metal decorative products
- **Jingye Group** Research and application of metal powder PCR based on steel joint production
- **JSW Steel Limited** Use of LCA tool to predict the impact of green hydrogen manufacturing process and its injection in gas-based DRI plant under various scenarios.
- **POSCO** CEFacT: A system that responds to steel industry decarbonisation standards

Excellence in people:

- **ArcelorMittal** Integration of army veterans and supporting the families of fallen employees
- **China Steel Corporation (CSC)** Next-generation operational training and process assistance system through digital twin technology
- **JSW Steel Limited** JSW Steel's strategic framework for scaling steel technical expertise and innovation
- **POSCO** TL advancement: The key to a sustainable workforce and enduring expertise
- **Tata Steel Limited** Forging futures: Skilled hands, strong minds, safer tomorrow
- **Ternium** From policy to practice: Advancing inclusion across Ternium's industrial system

Excellence in communications programmes:

- **ArcelorMittal** The Paris 2024 Olympic and Paralympic Games
- **Gerdau S.A.** Steel is POP: The steel sunglasses that united Gerdau and Chilli Beans at Rock in Rio.
- **JSW Steel Limited** JSW Steel MSME Empowerment
- **Tenaris** Safety in First Person
- **Tenaris** TenarisSiderca 70th anniversary
- **Ternium** "Tomorrow, Santa Cruz" Documentary – Building Futures Through Education
- **UNESID** #WomenOfSteel #MujeresDeAcero
- **United States Steel Corporation (USS)** I Live Here, Too

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.