NEWSLETTER

ISSUE 6 | June 2026

InSGeP

NEWS | VIEWS | ANNOUNCEMENTS

InSGeP

INVESTIGATIONS OF SLAGS FROM NEXT GENERATION STEEL MAKING PROCESSES

SNEAKPEEK

Driving Forward

Beyond 50% completion | Activities underway

Team Spotlight

Leading the way | Introducing our suppliers and academic partner

Updates & Events

Breaking news | Latest findings and project activities

COORDINATED INDUSTRIAL AND RESEARCH ACTIVITIES UNDERWAY

As the InSGeP project moves beyond 50% completion, significant progress has been achieved toward its core objectives. Recently, partners were actively evaluating cooling and granulation routes to tailor slag properties for industrial use, including wet and dry granulation processes aimed at producing particles/granulates from EAF/Smelter slags, derived from DRI/HBI based steelmaking, relevant for applications such as cement. These activities support the effective utilisation of future steelmaking by-products.

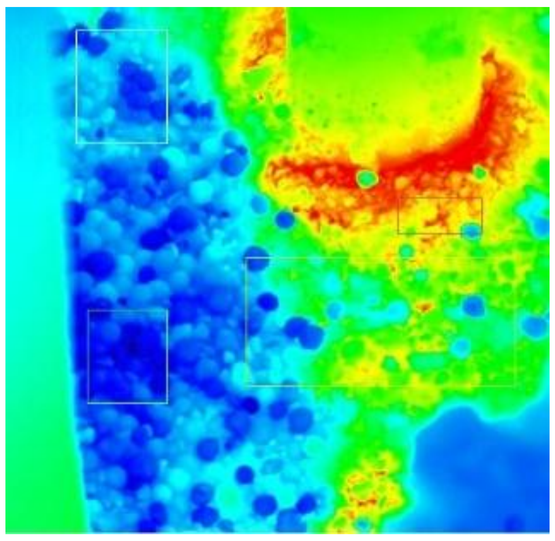
The project receives funding from the European Union's Research Fund for Coal and Steel research program under grant agreement number 101112665.

TEAM SPOTLIGHT

MEET OUR SUPPLIERS AND ACADEMIC PARTNER

PRIMETALS TECHNOLOGIES is a global engineering and technology company serving the metals industry. Primetals Technologies is a Group Company of Mitsubishi Heavy Industries, with around 7,000 employees worldwide. The company offers a complete technology, product, and services portfolio that includes integrated electrics and automation, digitalization, and environmental solutions. This covers every step of the Iron and steel production chain.

Within the InSGeP project, Primetals Technologies is focusing on EAF slag analysis from their references, Smelter pilots tests with slag granulation, and evaluating disc-based dry granulation for Smelter slags.



tenova is a global engineering and technology company serving the metals and mining industries. Headquartered in Italy, Tenova delivers advanced solutions that support the efficient, innovative, and sustainable industrial production worldwide.

Tenova designs, supplies, and services advanced technologies for steelmaking, metal processing, and mining worldwide. Its portfolio spans EAF and DRI plants, rolling and heat-treatment systems, automation, digitalization, and mineral processing solutions. Sustainability is a central pillar of Tenova's strategy, with technologies that reduce energy use and emissions and support the shift to low-carbon, hydrogen-ready production models. Driven by innovation, reliability, and a strong focus on safety, Tenova collaborates with customers globally to drive sustainable change in the metals and mining industries.

Sant'Anna School of Advanced Studies – Pisa (SSSA) is an autonomous public university with special statutory status, in applied sciences, research, and innovation. In InSGeP, SSSA contributes through the Sustainability and Climate Interdisciplinary Center, represented by three research groups: ICT for Complex Industrial Systems and Processes

(ICT-COISP) center of the TeCIP Institute, which has long-standing expertise in the steel sector; the COGITO lab (Consumption Oriented Green Innovation Tools for Life Cycle Assessment), which has expertise in the application of the Life Cycle Assessment (LCA) methodology; the Institute of Crop Science, which develops scientific activities related to the crop production and supply chain. The SSSA team focuses on advanced modelling and simulation tools for monitoring, optimization, and control of steel production processes, with particular attention to environmental sustainability, circular economy, and industrial symbiosis solutions. Since 2000, ICT-COISP has participated in 68 RFCS projects and has coordinated 10 projects, among them iSlag and REUSteel.

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CONTINUING THE CONVERSATION

6th IN-PERSON PROJECT MEETING IN BILBAO

On December 11–12, 2025, the 6th in-person project meeting took place at Sidenor facility in Bilbao, Spain. The sessions included detailed discussions with partners and work package leaders and were complemented by a visit to the facilities, providing participants with practical insights into ongoing work. Over the two days, the consortium exchanged ideas, clarified priorities, and set the direction for the next phase of the project, aiming to transform discussions into concrete actions and measurable progress.

LATEST DEVELOPMENTS

MILESTONE MOMENTS

Dissemination activities

5th Newsletter sent out in November 2025

18 Presentations at events and Conference

Analysis and trials

Granulation trials ongoing

HPSR samples ready for analysis

InSGeP Investigations of Slags from Next Generation Steel Making Processes

START DATE | 01-07-2023
PROJECT DURATION | 48 months
TOPIC | RFCS-02-2022-RPJ
COORDINATED BY | FEhS
CONTACT | info@insgep.eu
WEBSITE | insgep.eu

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To be informed about the most recent news and developments, visit our website, follow us on LinkedIn, and sign up for our newsletter on insgep.eu!

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