



The ReMFra project

The objectives of the ReMFra project are to demonstrate and qualify a system for the recovery and the valorisation of the metal and mineral fractions contained in steel-making processing residues, to improve the metal recovery yield, to reach the full circularity and to reduce the environmental impact of the steel across Europe.

7th project meeting held in online mode

On **28 May 2026**, the 7th project meeting of **ReMFra** was held online. During the meeting, the partners discussed the **current project status, future approach and next steps**. Especially the 3rd reporting period and the subsequent review meeting with the Project Officer and the external evaluator were special parts of the meeting.

3rd project review meeting held

On **09 July 2026**, the ReMFra consortium held the 3rd project review meeting of **ReMFra** with the Project Officer and the external evaluator. Silvia Tosato, from the coordinator Tenaris SpA, and Wolfgang Reiter (K1-MET), the responsible DEC Manager, presented the status of the Work Packages (WP) 8. The meeting went well, and the valuable recommendations given by the external evaluator are being used and flow into the final period of the ReMFra project until its end in May 2027.

ReMFra Third Project Review Meeting



09/07/2026

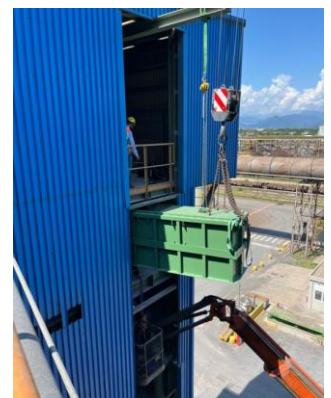
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Update on Plasma Reactor (Work Package 4)

Tenaris successfully completed environmental permitting activities for the Plasma Reactor pilot plant to be operated at the Dalmine site. No significant environmental impacts were found according to Italian environmental law. Final permission is now awaited.

In the meantime, the storage silos (pictures on the right) and associated mechanical, electrical, automation, and software systems were fully integrated with the existing plant infrastructure and validated. This marks an **important milestone for the ReMFra project**.

The Plasma Reactor ladle and refractory were designed and delivered (pictures below).



Outlook on next activities

Regarding the **Plasma Reactor** section, final environmental permission for the Tenaris Dalmine plant is awaited for final WP4 activities. This then leads to WP5 activities focusing on pilot plant campaigns.

Regarding the **RecoDust** section, the next smelting campaign is planned for October 2026 using dusts from the partners thyssenkrupp Steel Europe (BOF dust) and TATA Steel Nederland (Hlsarna dust). Trials take place at the Technical University of Leoben (Chair of Thermal Processing Technology) and are supported by K1-MET.

Regarding dissemination, we are proud to announce that **Wolfgang Reiter (K1-MET)** will present the topic “Zinc flexible RecoDust process” at the **18th Recy & DepoTech conference in Leoben/Austria** (18-20 November 2026) with co-authors from voestalpine Stahl (C. Thaler) and TU Leoben (K. Doschek-Held). This also helps us effectively increase the ReMFra project's outstanding potential to support the EU steel industry in advancing sustainable solutions for secondary resource use.



ReMFra

Newsletter #9

PROJECT PARTNERS:



Starting with the project coordinator, the consortium is composed as follows:

- [Tenaris Dalmine](#) (Italy, Coordinator)
- [Tenova](#) (Italy)
- [RINA Consulting – Centro Sviluppo Materiali](#) (Italy)
- [European Steel Technology Platform](#) (Belgium)
- [voestalpine Stahl](#) (Austria)
- [Montanuniversität Leoben, Chair of Thermal Processing Technology](#) (Austria)
- [FEhS Institut fuer Baustoffforschung e.V.](#) (Germany)
- [thyssenkrupp Steel Europe](#) (Germany)
- [Tata Steel Nederland](#) (The Netherlands)
- [Barna Steel \(Celsa Group\)](#) (Spain)
- [K1-MET](#) (Austria)

FUNDING SCHEME AND CONSORTIUM

✓ Call: Horizon Europe Clean Steel Partnership (HORIZON-CL4-2021-TWIN-TRANSITION-01-19)

Type of action: Innovation Action (IA)

Granting authority: European Health and Digital Executive Agency

✓ The ReMFra project receives funding by the European Union (Grant Agreement no. 101058362).

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