

Partner search/offer

02-11-2021

- **Relevant topic(s) in work programme**

- HORIZON-CL4-2022-TWIN-TRANSITION-01-02: Products with complex functional surfaces

- **Quick description of the project concept**

N/A

- **Description of the expertise requested/proposed (up to 1000 characters)**

- HORIZON-CL4-2022-TWIN-TRANSITION-01-02: Products with complex functional surfaces
Safe Metal is a foundry group and can produce very complex parts in steel in small quantity. We are skilled in 3D printing either to produce molds in sand or parts in steel. Especially we are focused on WAAM process to modify the surface of foundry parts either to add new functionalities or multi materials.
We are experts in foundry and metallurgy and on Non Destructive Testing.

- **Keywords describing the expertise requested/proposed (up to 10 words)**

Steel, foundry, sand, cast, metal, parts, finishing, high temperature, surface treatment, manufacturing

Organisation information

Organisation and country: SAFE METAL (FRANCE) as head company, CASTMETAL FEURS (FRANCE) and CASTMETAL VITORIA (SPAIN) as production plants.

Type of organisation:

Enterprise

Former participation in FP European projects?

No

Web address: <https://www.safe-metal.com/>

Description of the organisation:

As a subsidiary company of the Safe Group, **Safe Metal is a world leader in high-value steel foundry and green sand cast steel components** for the mobility (heavy road trucks), rail transport, handling, construction, energy and mining markets. With an expertise and experience built up over 150 years, Safe Metal supports its customers **from design to commissioning for parts from a few kilos to a few tons**. The cast steel components produced by Safe Metal benefit from know-how based on **6 specialized factories located in Europe**, Mexico and China, efficient and complementary, with a total capacity of 58,000 tons of products per year.

Safe Metal has also a R&D department that covers all the process activities (metallurgy, melting, solidification, molding, heat treatment, NDT...). R&D team can also design prototypes that will be produced using either 3D printing or conventional casting.

Contact details

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