METACAST

Mapping, Educating, Training Applying models in continuous CASTing

Mould flux level   Melt level
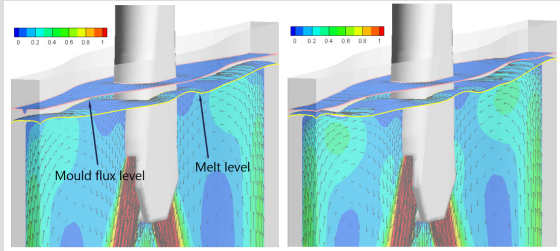
METACAST unites academic expertise and industrial know-how to create a common modelling framework for continuous casting in Europe. Through open-access training, networking, and knowledge transfer, the project enhances the industrial application of numerical models (as shown in the picture above).

**Funded by the European Union**

Objectives

METACAST contributes to the dissemination of findings from global research and RFCS projects on the modeling of continuous casting and promotes their industrial application. The transfer of knowledge between science and industry ensures that modern modelling approaches contribute directly to process optimization in steel production.

METACAST supports the safe and sustainable design of working environments in the steel industry by providing training on digital tools such as Digital Twins. The targeted use of models helps to identify potential hazards at an early stage and minimize direct contact with unsafe work areas.

Consortium Partners

The METACAST consortium consists of leading European partners from science and industry who work together on the dissemination and application of modern modeling methods:
RINA CONSULTING (Italy), VDEh-Betriebsforschungsinstitut (Germany), K1-MET (Austria), SIDENOR I+D (Spain) and SWERIM (Sweden)
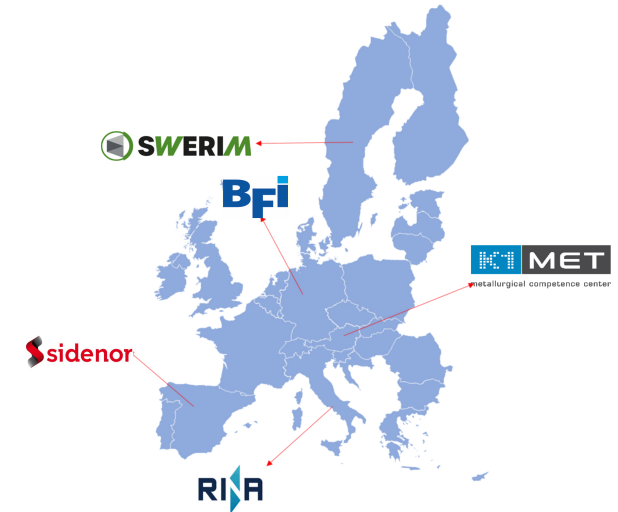
More information about the project can be found on our website
https://metacast-project.eu/
and on our LinkedIn page.
Stay connected and learn more about METACAST!