Casting Simulation Can Be Easy

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Engineers' perception of numerical simulation software is positive, but in general they find it complex and difficult to use. For this reason, simulation packages are used by personnel specifically trained and prepared in the field of numerical simulation, and are generally far away from the production process. This prevents the analysis of results and the use of these tools where they are necessary.

The casting industry is not an exception. The foundry industry is predominantly a "small and medium enterprise (SME) industry, with more than 80% of companies employing less than 250 people , the adoption of new information communication technology (ICT), and in particular simulation tools, SMEs contribute to the increase in productivity and innovation capacity in the sector.

We create a new and innovative Software based on GiD called, Click2Cast.

The goal was to increase the efficiency of the design, engineering and production processes along the value chain in the world of simulation of casting processes, by using the tool not only during the engineering phase but also in the design and production phases.