FLOW Science®
MEDITERRANEA

The best solutions for CFD simulations

The world's best software for solving complex engineering problems.

We are an engineering company specializing in fluid dynamics simulation.

A diverse team of the world's leading experts in the **FLOW-3D**® suite, united to develop the most effective, state-of-the-art solutions in hydraulics, additive manufacturing, foundry and fluid dynamics.

Our expertise in virtual simulation allows us to guide you in the selection and implementation of these solutions, integrate them with other tools, and even develop ad hoc customizations.
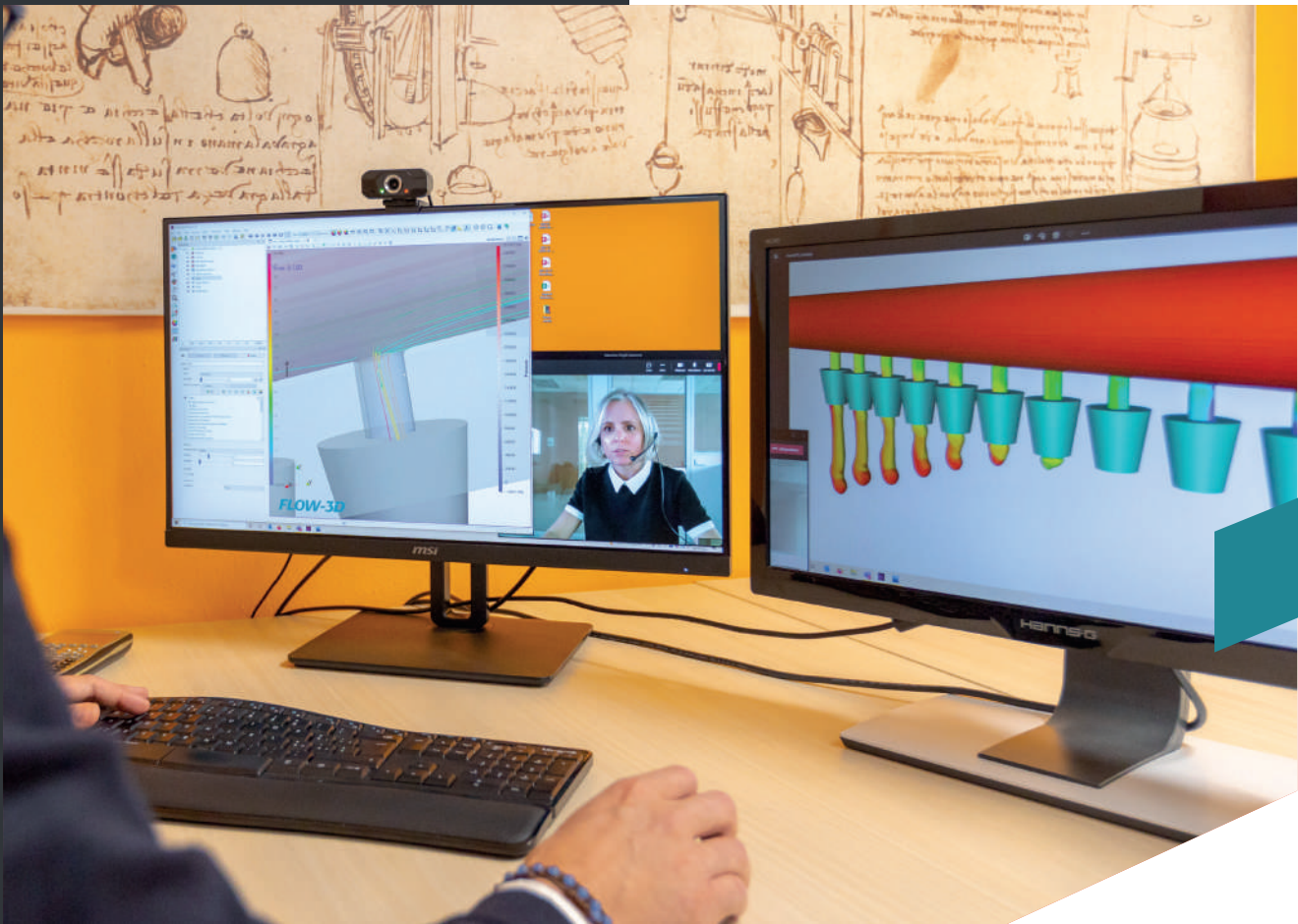
Skill, seriousness and ingenuity: our DNA.

Mission and Values

We want to help companies address engineering challenges with effective and efficient use of numerical simulation.

We want to help create a world in which technology serves the well-being of people and the environment.

We promote a close relationship with customers, to thoroughly understand their problems and difficulties, and help them step by step in their technology journey.

Sectors

We use state-of-the-art engineering simulation software to help companies be more competitive.

And where commercial software doesn't reach, we develop dedicated solutions. We identify a suitable solution for each specific industry.

Hydraulics

Foundry

Additive manufacturing

Bio/Micro/Nanofluidics

Consumer products

Marine Engineering

Welding

Aerospace

Automotive

Microfluidics

Software Resale

For more than twenty years we have been the official representatives of Flow Science for Italy/France, we have an in-depth knowledge of the entire suite of products marketed, and have acquired a know-how that allows us to identify the best possible solution every time in terms of quality, reliability over time and technological relevance. **Our range of engineering simulation software, chosen from among the best in the world**.

FLOW-3D®

One of the most accurate "general purpose" CFD software. Unique algorithms for free-surface transient flow simulation.

FLOW-3D® **CAST**

The best choice for foundry simulations. Specially designed for analysis of all types of castings.
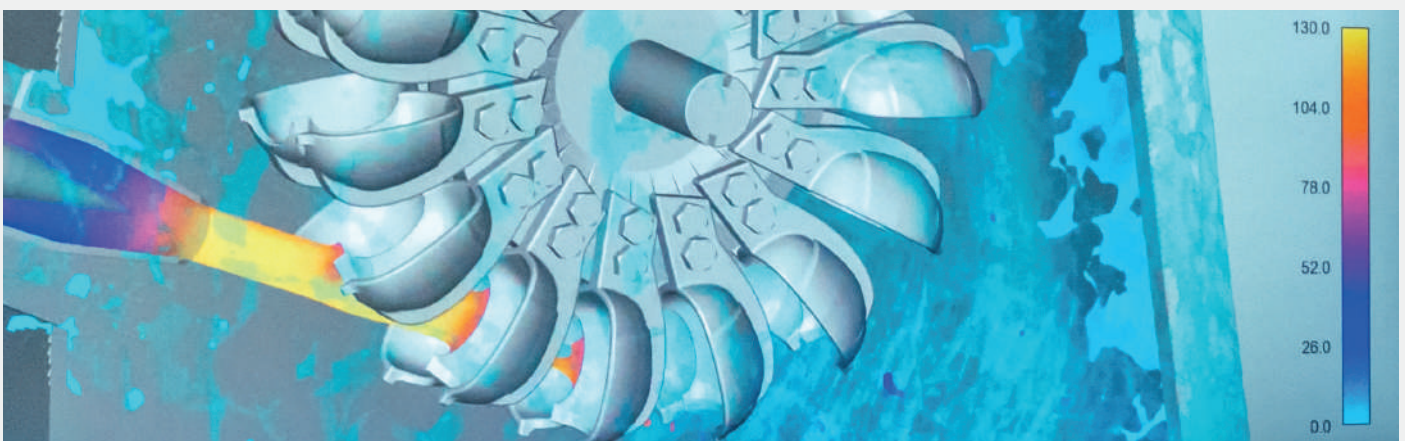
FLOW-3D® **HYDRO**

A state-of-the-art software designed specifically for CFD hydraulic modelling in civil and environmental engineering.

FLOW-3D® **AM/WELD**

Software for additive manufacturing and laser or arc welding, with a micro-scale CFD (computational fluid dynamics) approach and coupled with the discrete element method (DEM)
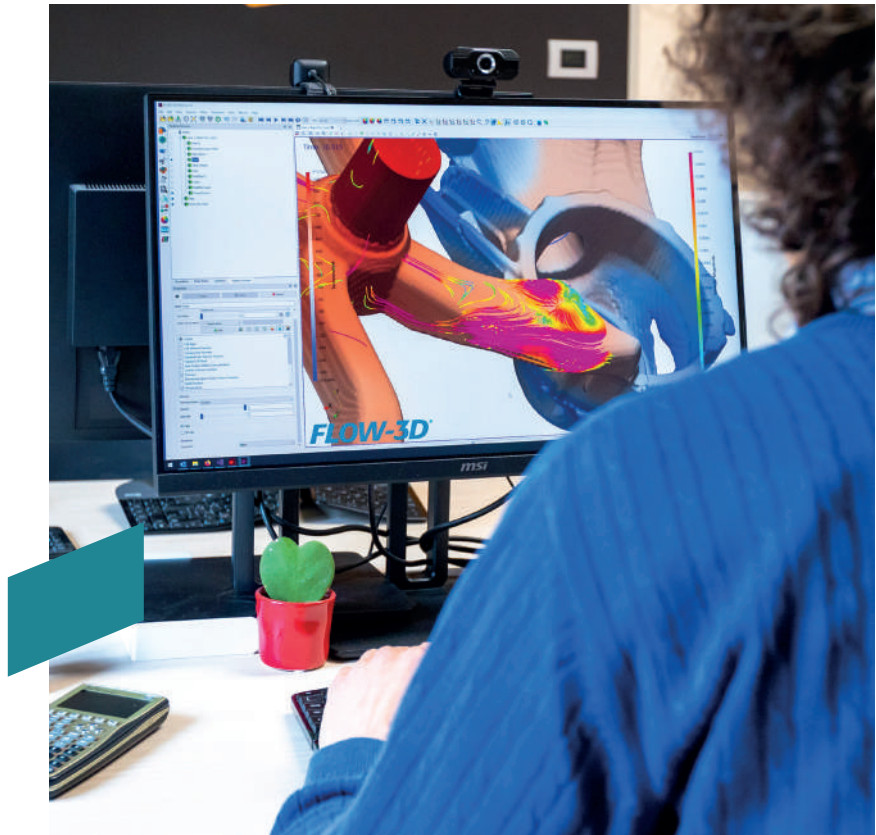
FLOW-3D® **(X)**

IMPROVEit derivative for the **FLOW-3D**® suite. A software designed to automate your work, interact with your third-party tools, and do multi-parametric multi-objective optimization.

Customised Software

Every customer is different; every customer's need requires a precise solution.

Therefore, among the services we strive to offer is the development of customized multi-physics simulation software (Windows and Linux environment), tailored to the specific requests we receive.

What can we do?

▸ Customise existing commercial software, to extend solver capabilities, and model new physical phenomena, based on proprietary know-how;

▸ Develop plug-ins to interface different software;

▸ Design new ad hoc software, under private licence, based on proprietary know-how.

Consulting and support

The skills of our engineering department and the experience gained in twenty years of **Flow Science** allow us to support the customer in the realisation of his project.
Engineering consultancy is a mission for us. We put expertise, precision and reliability into it.

- We want to help companies show their potential;

- We provide consulting in the area of simulation and numerical calculation through the computerised analysis of phenomena;

- We support the customer from the identification of the most suitable software technology through to project implementation.

What can we do?

We help SMEs, which need step-by-step support, and we support large companies that need specialists to supplement their in-house expertise in the advanced use of numerical tools.

The Team

A mix of creativity, curiosity and expertise to guide you in the choice and implementation of engineering software, integrating it with other tools up to developing ad hoc customisations.

Engineers, programmers and interface creators, specialists in numerical methods and simulation, united to develop the most innovative solutions.

"

At your side, building the future together.

"

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The best solutions for numerical simulations

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