



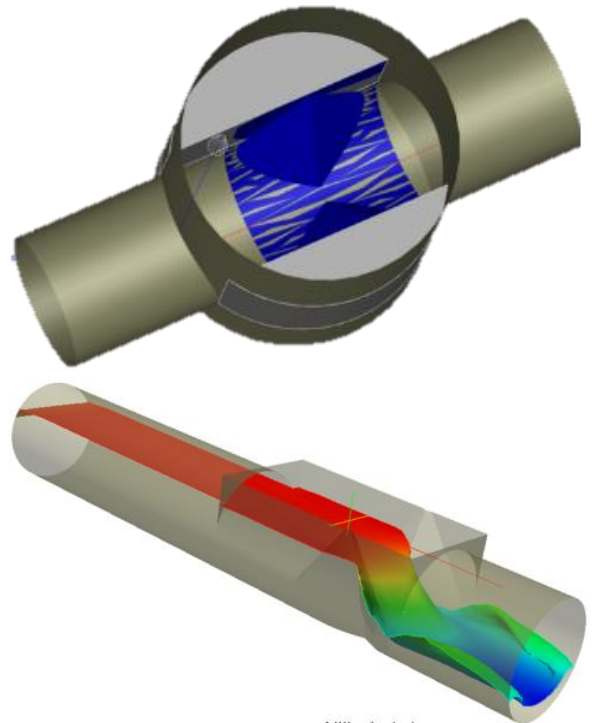
Design of an industrial product



Challenge

Designing an industrial product that fully complies with the client's specifications

Examples: Venturi flume, drinking water system chlorination device, lamella clarifier for wastewater or stormwater treatment, etc.



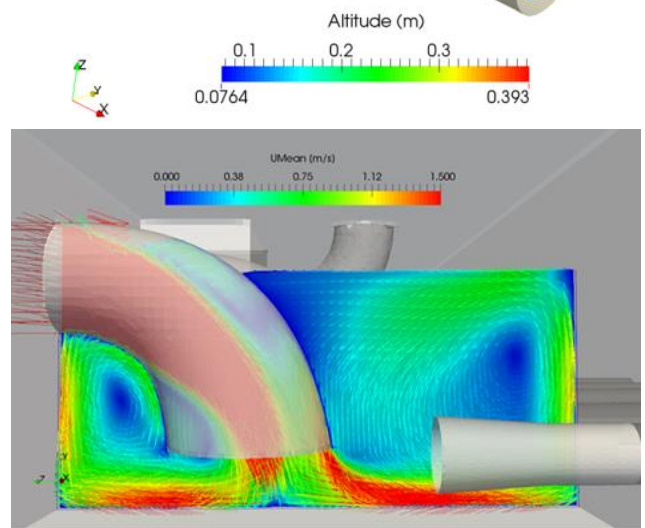
The 3D EAU solution

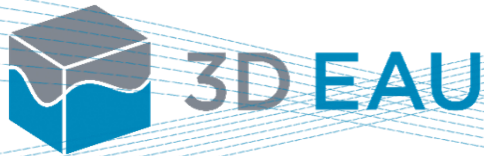
Optimising the design of the product through **3D hydraulic modelling**.



Advantages

- A reliable, scientifically validated tool.
- Much more time-efficient than building several prototypes and testing them in a laboratory.
- A real optimisation process





3D EAU

Hydraulic 3D modelling at the service of water and the environment

Our services



Self-monitoring

Development of measurement systems adapted to the hydraulic configuration and the unique characteristics of each structure.



Continuous monitoring

Definition of the position and type of measuring device adapted to the objectives of the continuous monitoring

Feasibility and optimisation study

Validation or optimisation of the design of structures prior to construction in order to guarantee their correct operation.



Design and manufacture of hydraulic equipment

Manufacture of reliable and robust solutions to reduce overflows and/or deposits by combining Hydrass's experience and 3D EAU's hydraulic expertise.

HYDRASS
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