3D EAU

3D modelling at the service of water and the environment

Design : assessing the performance of a settlement tank

Issue

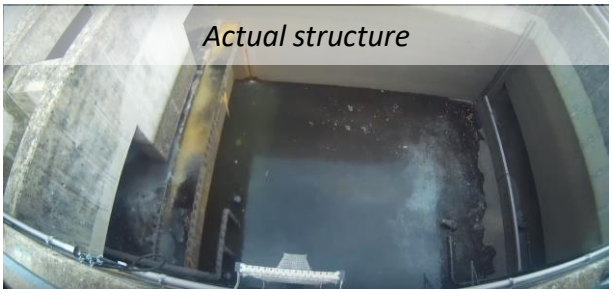
To assess and optimise the functioning of a pre-existing or future structure

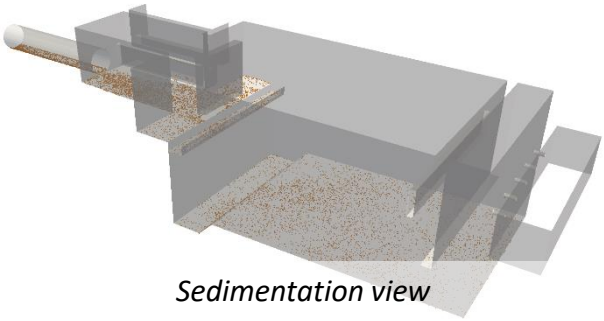
The 3D EAU Solution

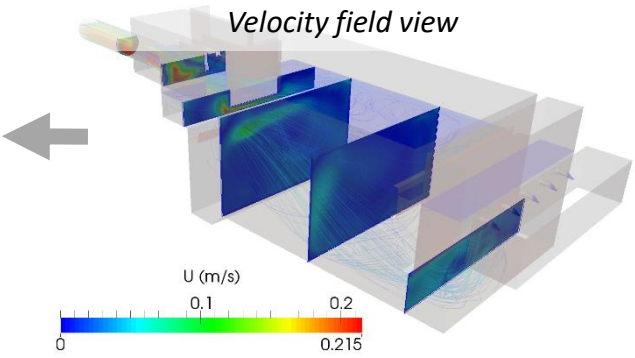
Survey the structure as it functions in its hydraulic environment

Diagnose eventual shortcomings and suggest an optimisation procedure

Model different optimisation scenarios for the structure







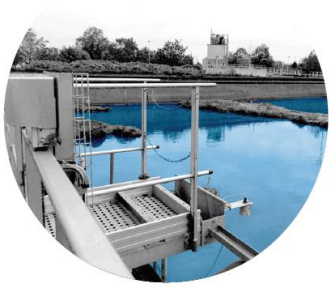
Avantages

- **Preliminary hydraulic analysis** (prior to 3D CFD modelling) to identify optimisation possibilities
- **Expert-led diagnosis** of the structure's functioning realised in collaboration with the constructor
- **Simulation of optimisation** scenarios to obtain cost-effective construction and/or operational solutions

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

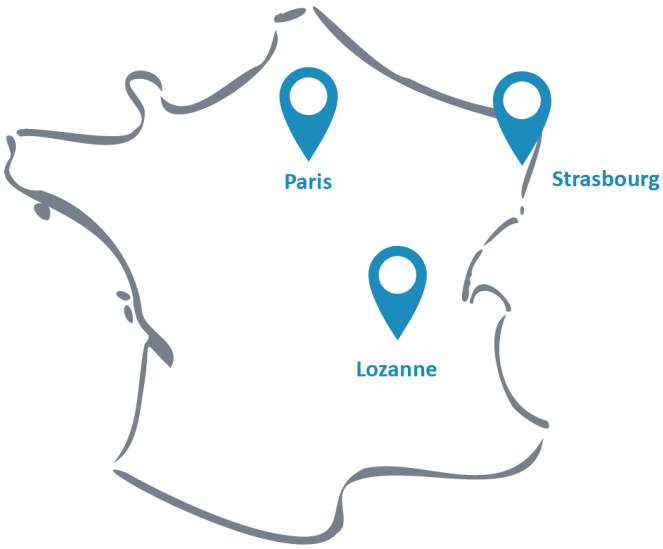
Feasibility and optimisation study

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

HYDRASS 3D EAU

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.



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