

Specialists in 3D modelling of fluid flows (**Computational Fluid Dynamics**), we offer our expertise for the implementation of computing solutions for the improvement of your processes:

- analysis for the establishment of industrial sites in HES terms
- energy consumption
- improvement of performances
- reduce production costs
- improve working conditions through sites with higher HES standards



## OUR R&D OFFER

- CFD simulation studies
- In-house implementation of solutions
- CFD tools benchmarks
- Customization of open-source tools
- Setup and meshing automation
- Development of HMI/GUI
- Consulting and assistance
- Training on simulation tools

We remain at your service to evaluate your needs and create a proposal for a tailored technical solution.

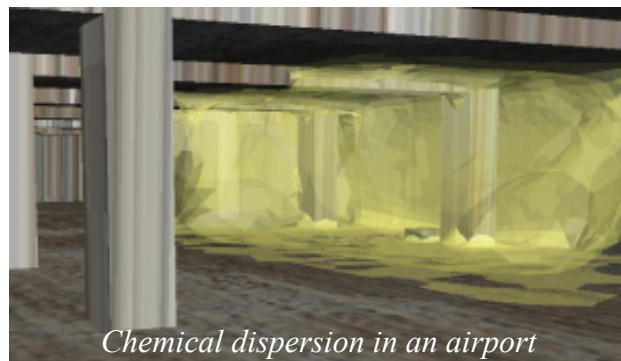
## TAX-RESEARCH AGREEMENT

Approved by the **French Ministry of Higher Education and Research**, FLUIDIAN benefits from the research tax credit for all your R&D projects.



## RISK AND SECURITY MANAGEMENT

Modelling of pollutants (**Radiological, Biological or Chemical** substances, particles) allows to visualize their dispersion in space and estimate compounds concentrations in each place of the infrastructure. Optimization of warning devices and countermeasures through these simulations can improve the security of people in **critical infrastructures** (railway and subway stations, airports, etc.) as well as in **industrial sites**.



## A FOCUS ON GLASS INDUSTRY

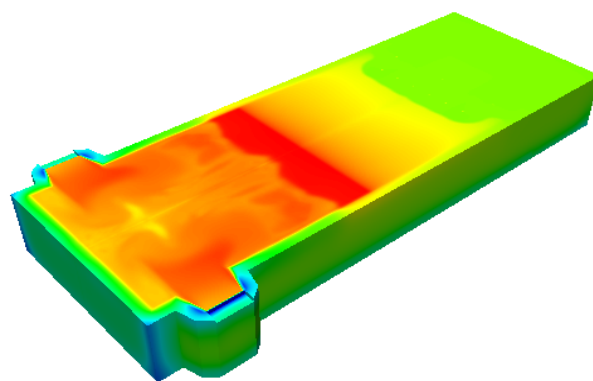
Having a solid experience in the simulation of different phases of glass making process, we are able to help improve the efficiency of equipment used in this industry: **Unit-melter, float glass furnaces, U-flame furnaces, electric furnaces, feeders, etc.**

In the scope of constant improvement of the efficiency, all energetic aspects are important, without compromising **quality or productivity**.



## REFERENCES

FLUIDIAN provides major actors of various sectors (**industry, construction and defence**) with its engineers expertise and R&D know-how



## CONTACT ET INFORMATIONS

FLUIDIAN  
10 rue de Chateaudûn  
75009 Paris  
Tél : +33 (0)1 77 62 39 35  
[www.fluidian.fr](http://www.fluidian.fr)  
[infos@fluidian.fr](mailto:infos@fluidian.fr)