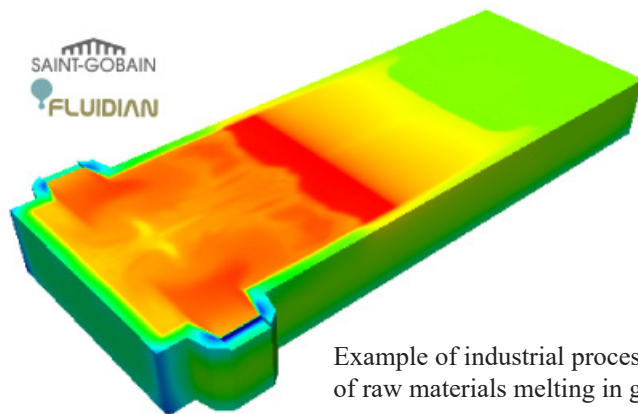




MODELLING OF INDUSTRIAL PROCESS

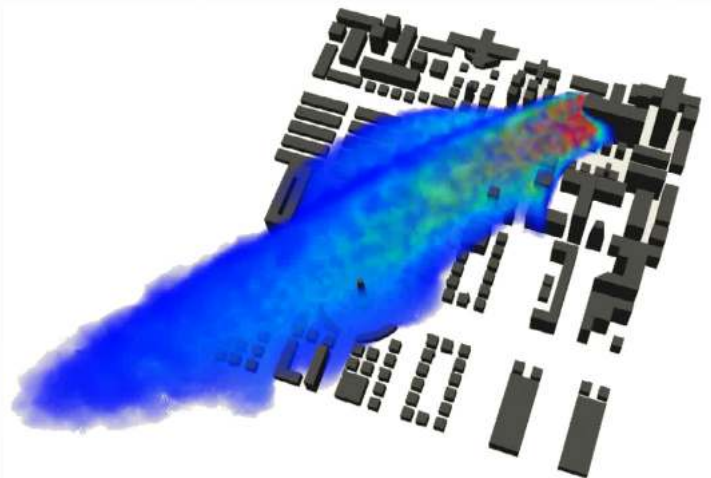
Having a solid experience in the simulation of industrial process, we are able to help improve your installations in terms of **quality, energy consumption and global performance.**



Example of industrial process : thermal simulation of raw materials melting in glass furnace

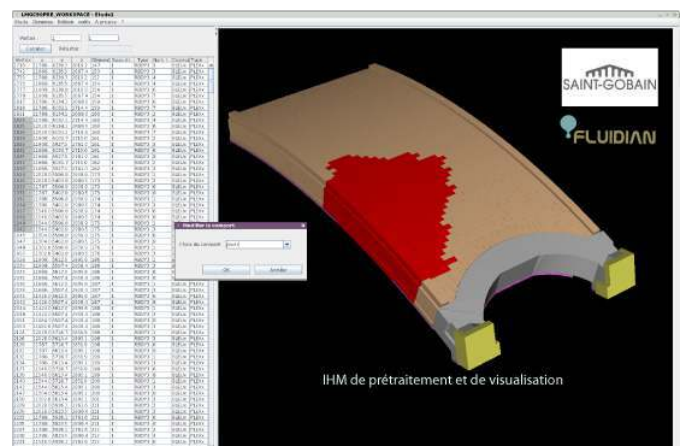
SAFETY & SECURITY

By simulating the dispersion of pollutants (dust, chemical agents, particles) we can visualize their spatial distribution and improve **safety conditions for operating staff in factory and around industrial sites.**



OUR R&D OFFER

- Simulation of process
- Software engineering of workflows
- Benchmark of software
- Customization of open-source software
- Automatization of set-up, mesh
- Development of GUI
- R&D Consulting & technical assistance



OUR SKILLS

The issues of industrial process are often complex and multi-physics: stationary or unsteady, turbulent or laminar, reactive, multiphase flows, etc.

- **General Fluid Dynamics** : turbulent flows RANS/LES, reactive flows, species transport, etc.
- **Thermal transfers** : convection, conduction, radiation
- **Combustion** : kinetic and equilibrium reactions, general thermo-dynamic
- **Free surface flows** : VOF/Level Set methods

OPEN-SOURCE

We are specialized in customizing and engineering global solutions based on open-source software and libraries for scientific computation



OpenFOAM SALOME



OUR REFERENCES

Leading players of **Construction, Industry** or **Defence & Safety**, they're trusting us to boost their innovation!

SAINT-GOBAIN

THALES



INGÉROP



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