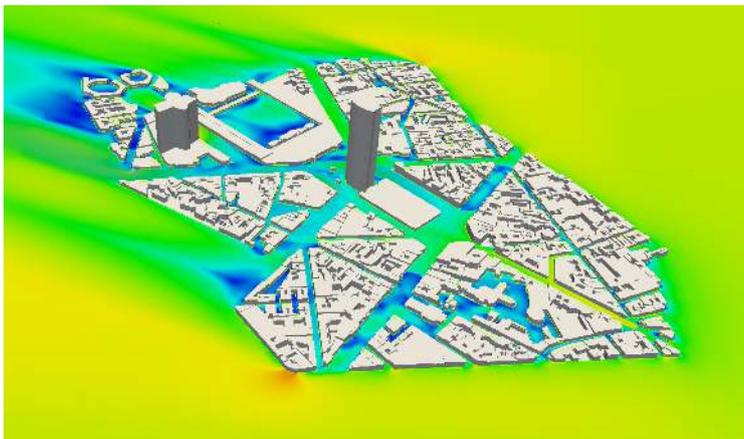




CFD SIMULATION : AN ASSET FOR SUSTAINABLE DEVELOPMENT

Exposure, heating, HVAC or natural ventilation... In the scope of energy efficiency in buildings, all the energetic aspects are important, without compromise on **comfort, safety & security or air quality**.

Using CFD simulation in your projects, you operate without risks the potential of your ideas and assess the effectiveness of an innovative solution in your context !

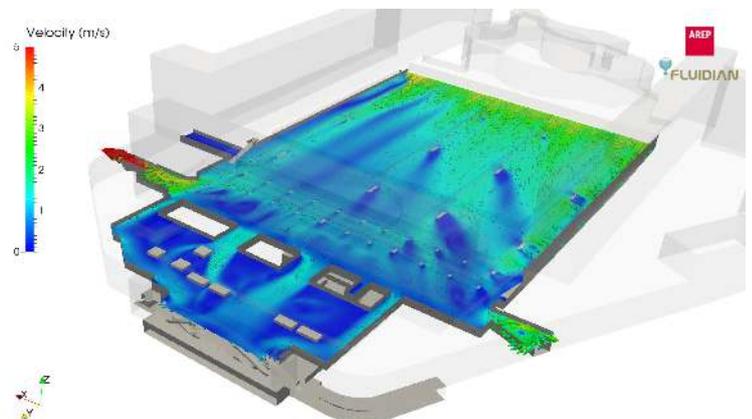


From the first sketch to the choice of the best strategy for heating and natural ventilation, we help you to improve essential criteria :

- Energy consumption
- Air quality & health aspects
- Dispersion of pollutants
- Wind & solar potential
- Safety and overall comfort

- Buildings
- Train & subway stations, airports
- Commercial centers
- Offices
- etc.

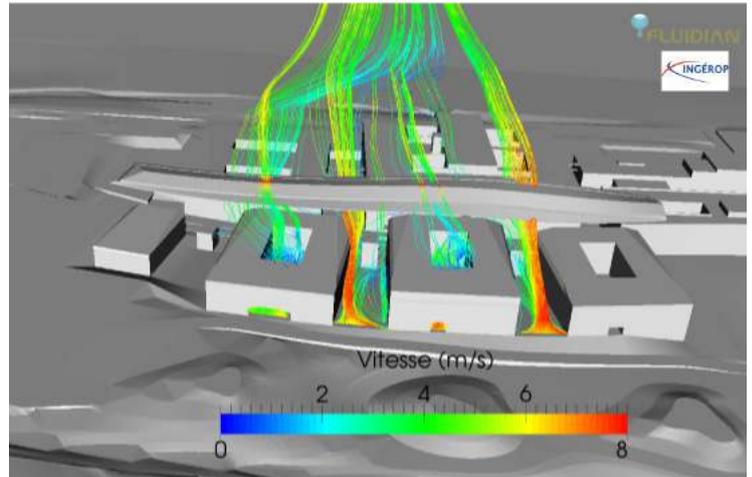
By using CFD simulation in your projects, **sun, wind, built environment, geographic location** are taken into account in the design !



Thermal comfort study (Montparnasse train station, Paris, Fr)

OUR OFFER

- CFD simulation of indoor & outdoor environments
- Consulting & technical assistance
- Software engineering
- Integration of scientific tools in a workflow



Study of natural ventilation in Pointe-à-Pitre hospital (Fr)

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!



THALES



CONTACT & INFORMATIONS

FLUIDIAN, 12 rue des Trois Cèdres - 95000 Cergy

Tél : +33 (0)1 77 62 39 35

www.fluidian.com



Fluidian is agreed by The French Ministry of Research & Education