

# EU Brokerage Event

## on Industrial KET\* in Horizon Europe

\*Key Enabling Technologies

10th November 2022 • Strasbourg

Conference &  
Bilateral/B2B Meetings

Calls  
2023- 2024

**Project idea/ Field of expertise:**

Air quality in urban areas

**Organisation Name:**

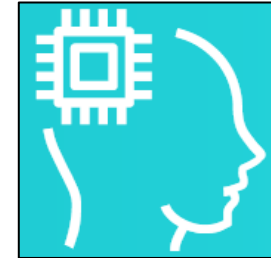
Air&D

**Addressed topic(s):**

Air&D has developed state of the art solution to enhance air quality in urban areas through national award winning thesis that tackles several aspect of urban pollution and provides innovative tools to answer them

# Air&D

- Start up since september 2017 partner with Icube laboratory
- Specialize in modeling and monitoring air quality in urban areas using state of the art fluids mechanics, artificial intelligence and sensors tools



## **Metrology :**

- Determining on site pollution
- Compliance with regulations

## **3D fluid mechanics Modeling :**

- Compliance of urban project with regulations
- Diagnostic of urban areas
- Provide structural solution to improve air quality for new projects

## **Artificial Intelligence :**

- High resolution system
- Track pollution in real time city wide
- Test mitigation scenarios
- Implementation of urban facilities

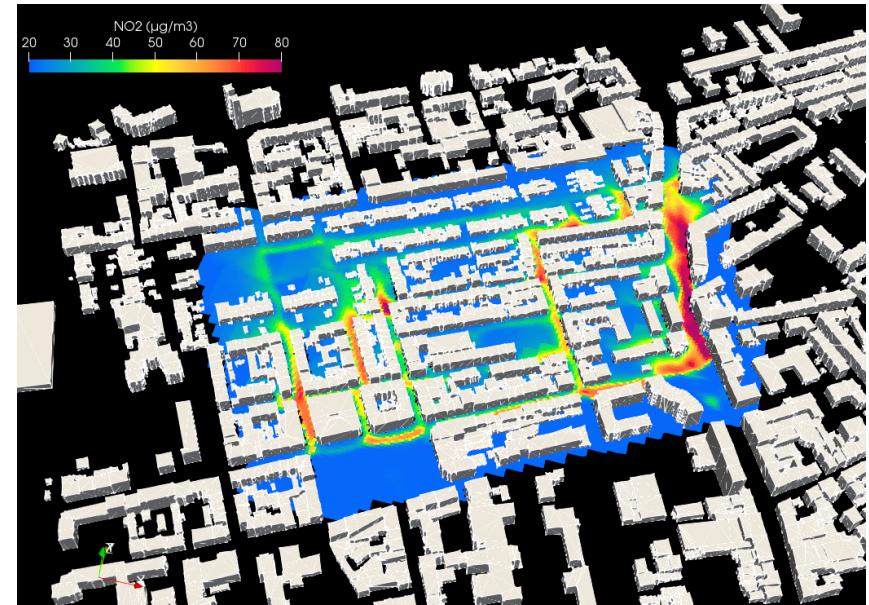


## Visualization tools :

- Real time pollution diagnostic
- Comprehension of pollutant dispersion
- Communication tool and transparency
- Empowering citizens

## Decision tools :

- to test scenarios policy on transport at the city scale with high resolution
- to determine location of public facilities to protect sensitive people (entrance of school, bus shelters, etc.)



# Contact details

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## Contact person

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