Comin
INDUSTRY

SHARED INTELLIGENCE SOLUTIONS FOR THE ENVIRONNEMENT

Environmental impacts management
Worksite news for local residents

DISTURBANCES CAUSED BY CONSTRUCTION OR INDUSTRIAL OPERATIONS :
A SOURCE OF STRESS, ENVIRONMENTAL, POLITICAL AND FINANCIAL RISK

FOR RESIDENTS

Feeling helpless, coping with worsening living conditions.

FOR CONTRACTING AUTHORITIES

Answering complaints, managing discontent and difficulties in ensuring a good quality of life for inhabitants.

FOR COMPANIES

Financial risk if specific waivers to construction timetables are cancelled, lack of efficiency onsite, impact on company image.

Comin

Shared Serenity.

Com'in develops digital solutions for **environmental impacts management and neighbours information** that contribute to a better living together.
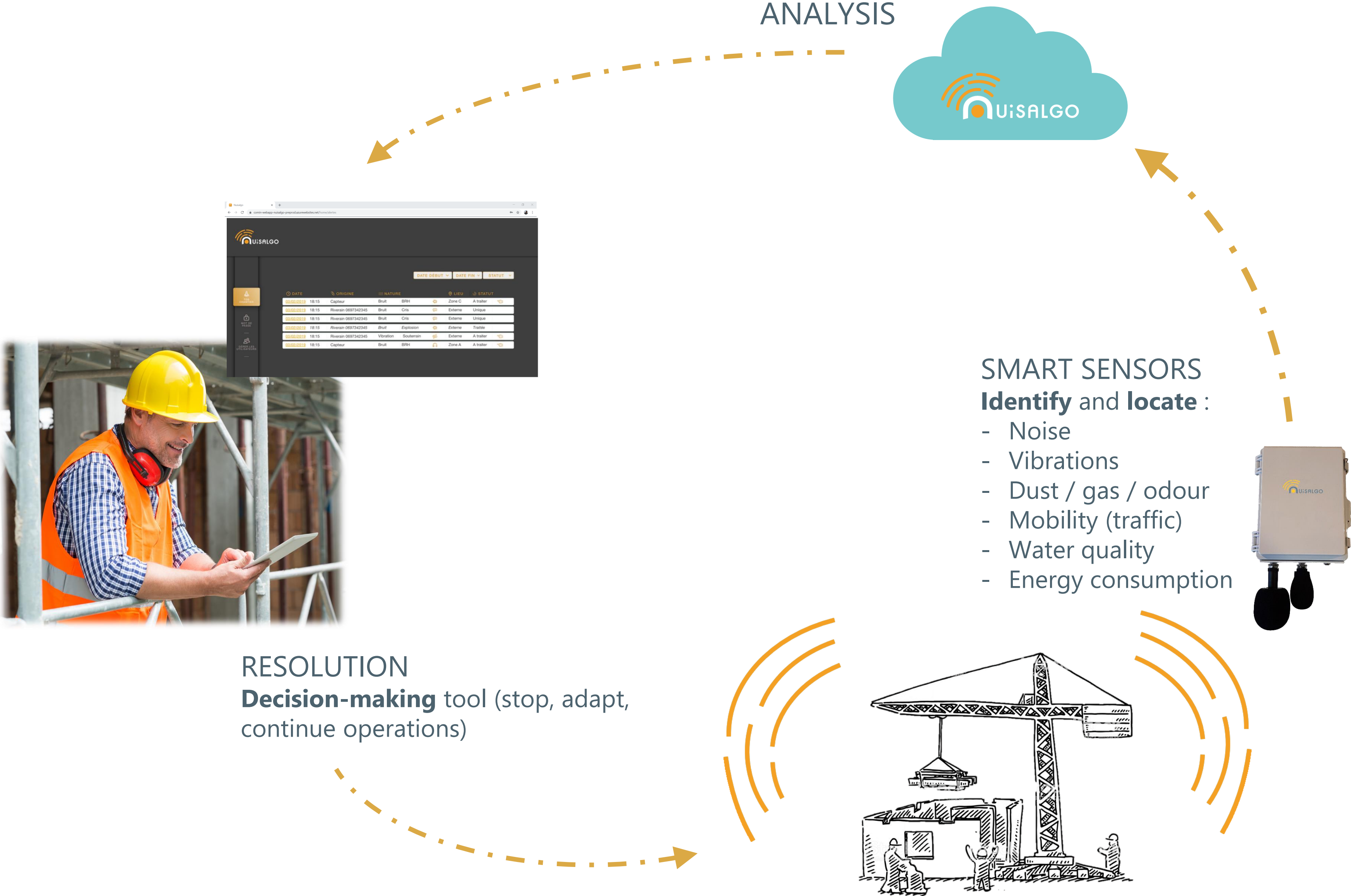
To ensure both **successful construction projects** and **neighbours' acceptability**, we provide you with tools based on objective listening and information.

We redesigned traditional **nuisances monitoring solutions** to make it a real decision support tool ➔ environmental impacts generated by construction sites are better managed, relationship with the community is improved, companies' margins and timing are respected.

ANALYSIS

SMART SENSORS
Identify and **locate** :
- Noise
- Vibrations
- Dust / gas / odour
- Mobility (traffic)
- Water quality
- Energy consumption

RESOLUTION
Decision-making tool (stop, adapt, continue operations)

Comin

Shared Serenity.

We install Smart Sensors at key points of the worksites:

- In order to monitor noise, vibrations, air quality, water quality, energy consumption and nuisances such as mud on the ground or traffic congestion.

- In order to identify 🚜 and precisely locate 📍 disturbances thanks to our AI-based algorithms.

- In order to provide you with a unique environmental impact management solution and ensure a better quality of life for local residents.

Shared Serenity.

NOTIFICATIONS

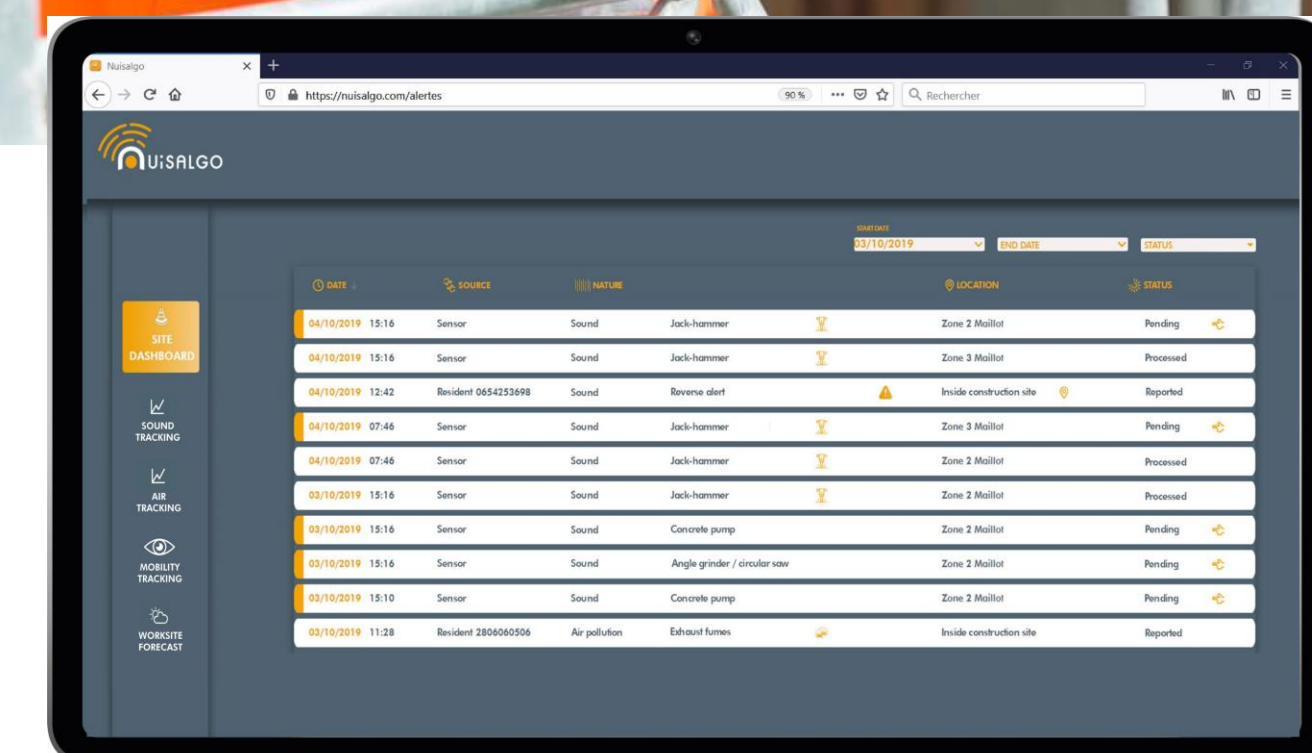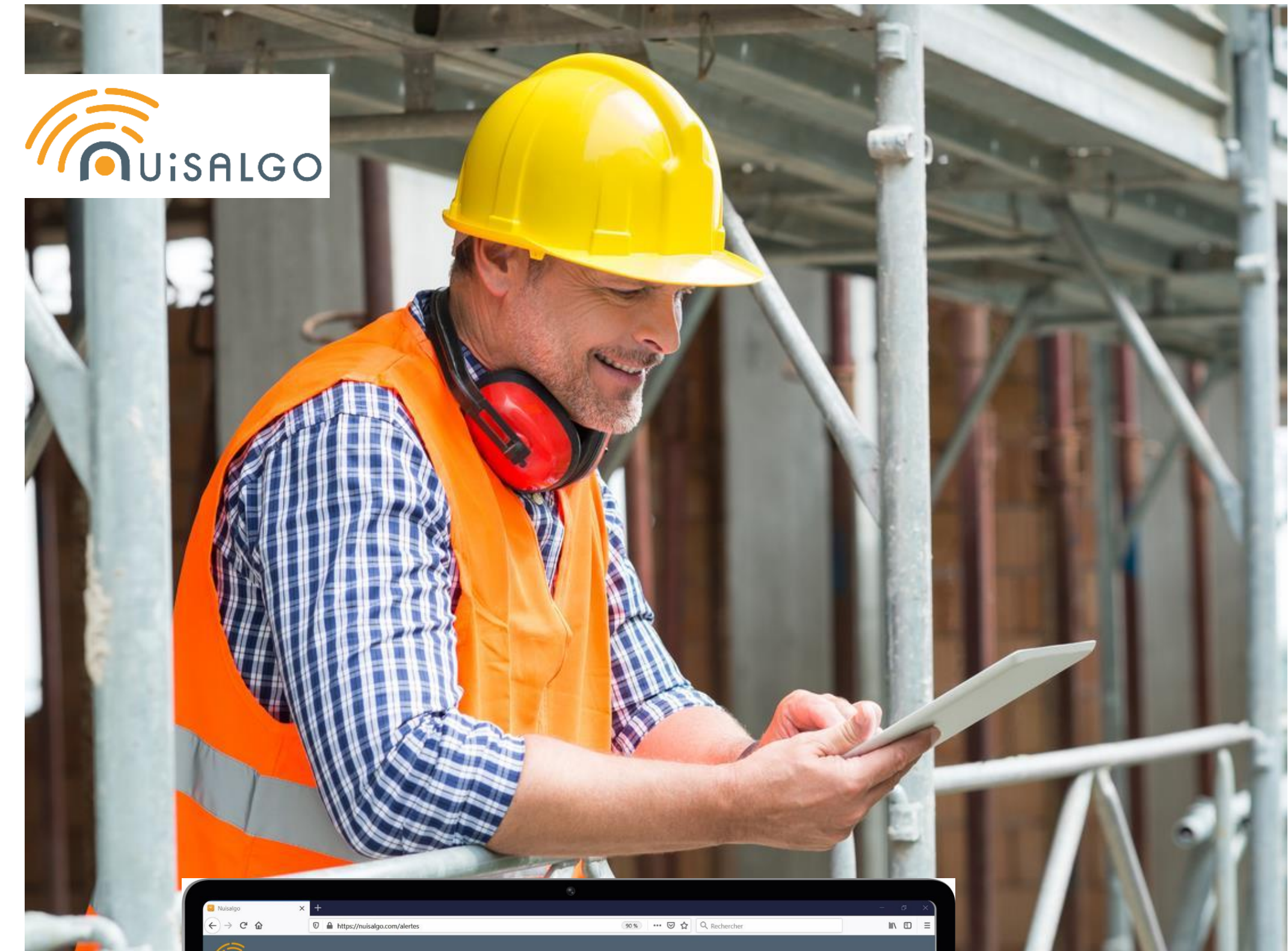**NuisAlgo platform** for environmental impacts management and real time reporting.
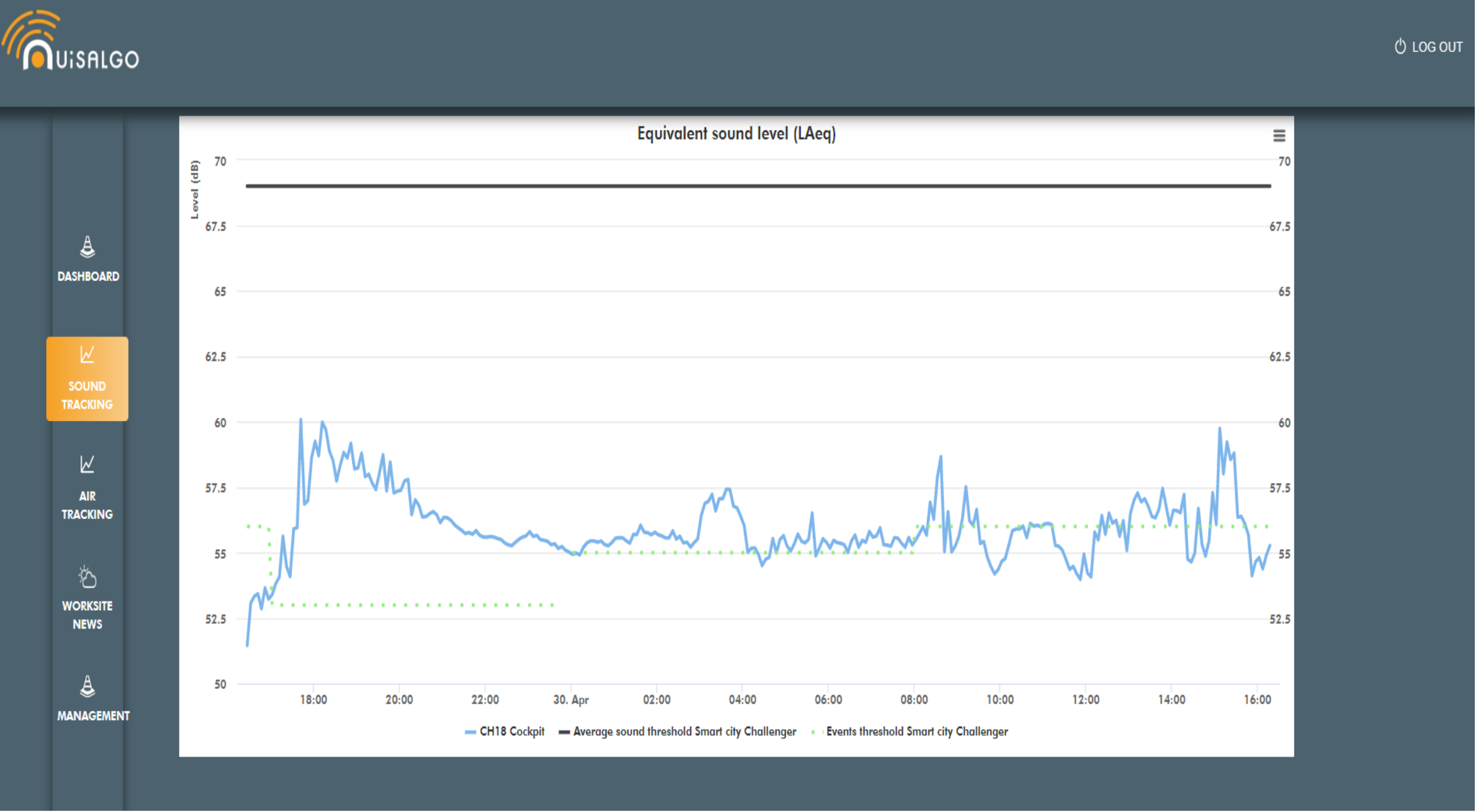
The platform uses its algorithms to **send real-time alerts** when :

- The sensors report measurements which are **exceeding** the pre-determined thresholds

➔ An expert tool for **decision support** (choice to stop, modify or continue the work) which allows to answer and inform on the action taken with all the members on the Com'in platform

COMPLETE SOLUTION

ANALYSIS

NOTIFICATIONS
Exceeding authorised thresholds
Neighbour reports
Preventative smart alerts

SMART SENSORS
Identify and **locate** :
- Noise
- Vibrations
- Dust / gas / odour
- Mobility (traffic)
- Water quality
- Energy consumption

FEEDBACK
Reports

RESOLUTION
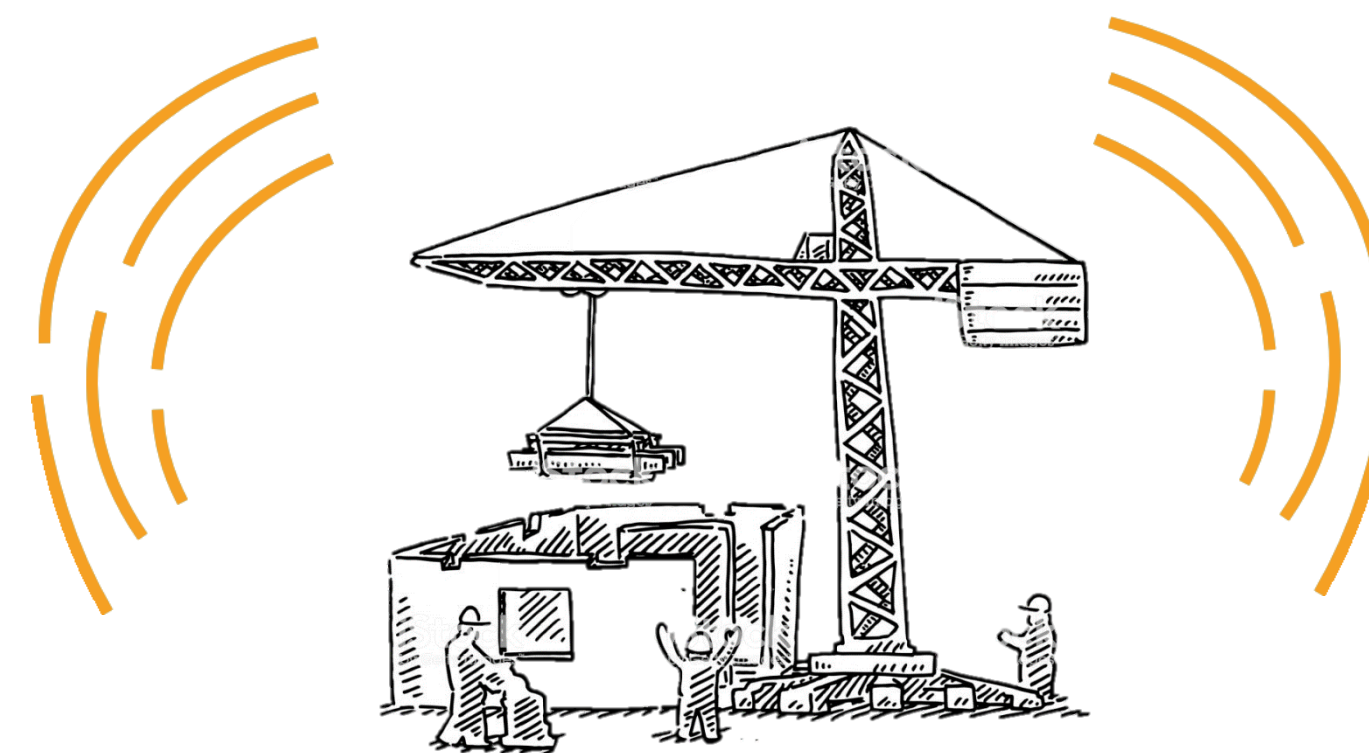**Decision-making** tool (stop, adapt, continue operations)

INFORMATION
Worksite
News

Answering neighbours

NEIGHBOURS

Comin

Shared Serenity.

RESIDENTS WIDGET

The web and mobile application Com'in for residents promotes the acceptability of construction sites.

In its basic version, it allows you to locate and present your worksites but also to indicate the contact point of each worksite.

The Com'in application can be integrated to your institutional website and/or downloaded by the concerned residents.
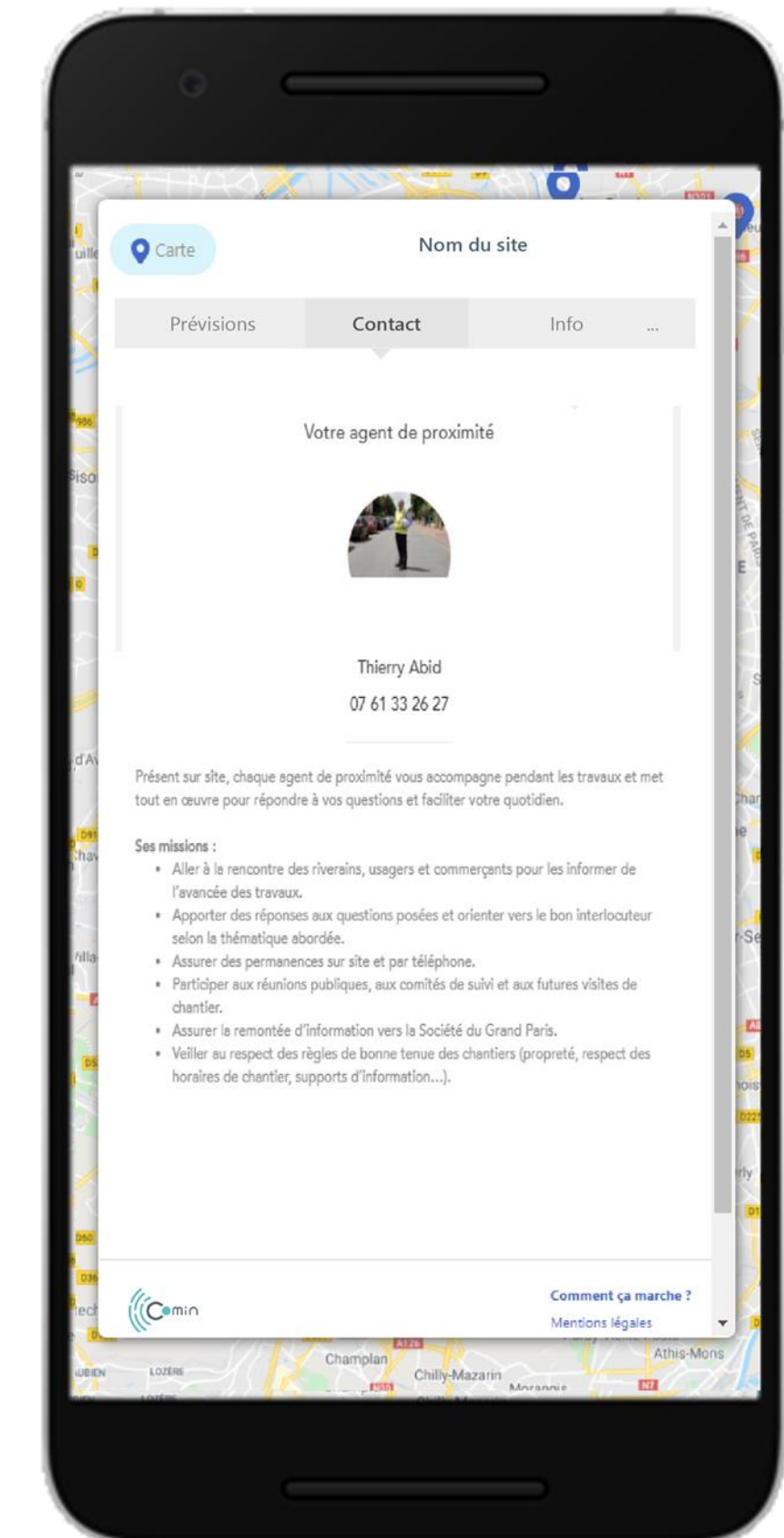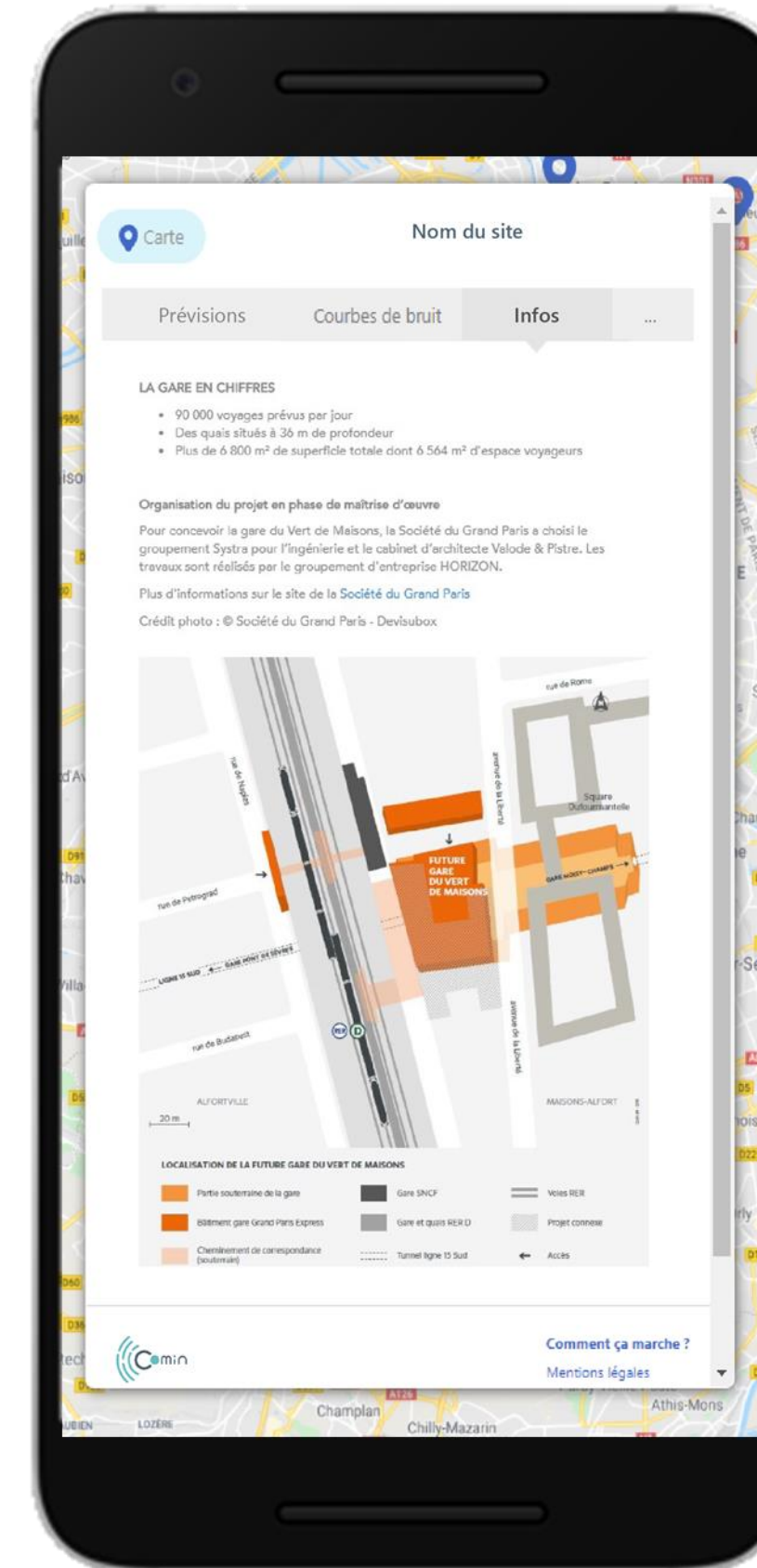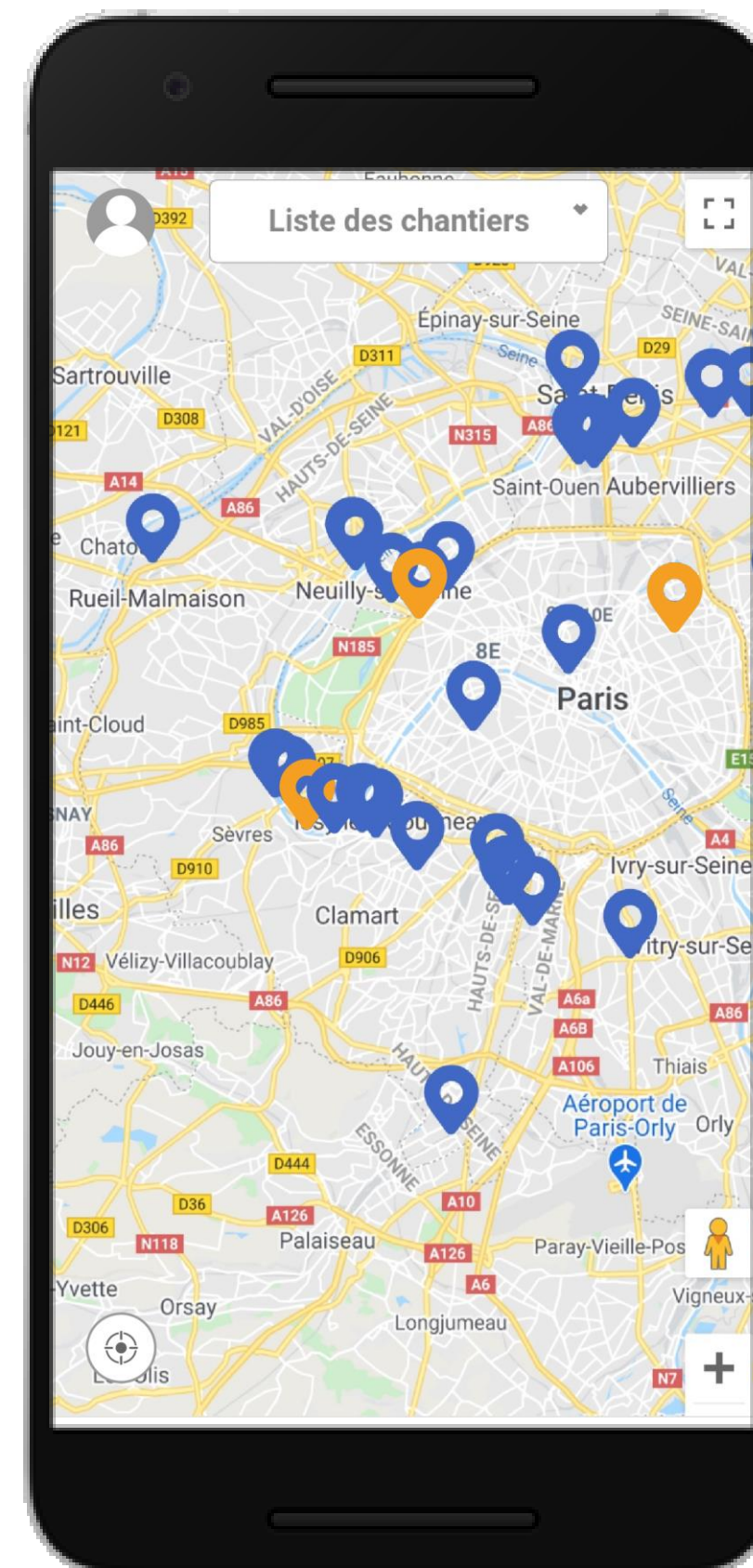
RESIDENTS WIDGET

The residents widget also allows, depending on your choices, to:

Communicate & Interact

Inform about disturbances

Manage declarations
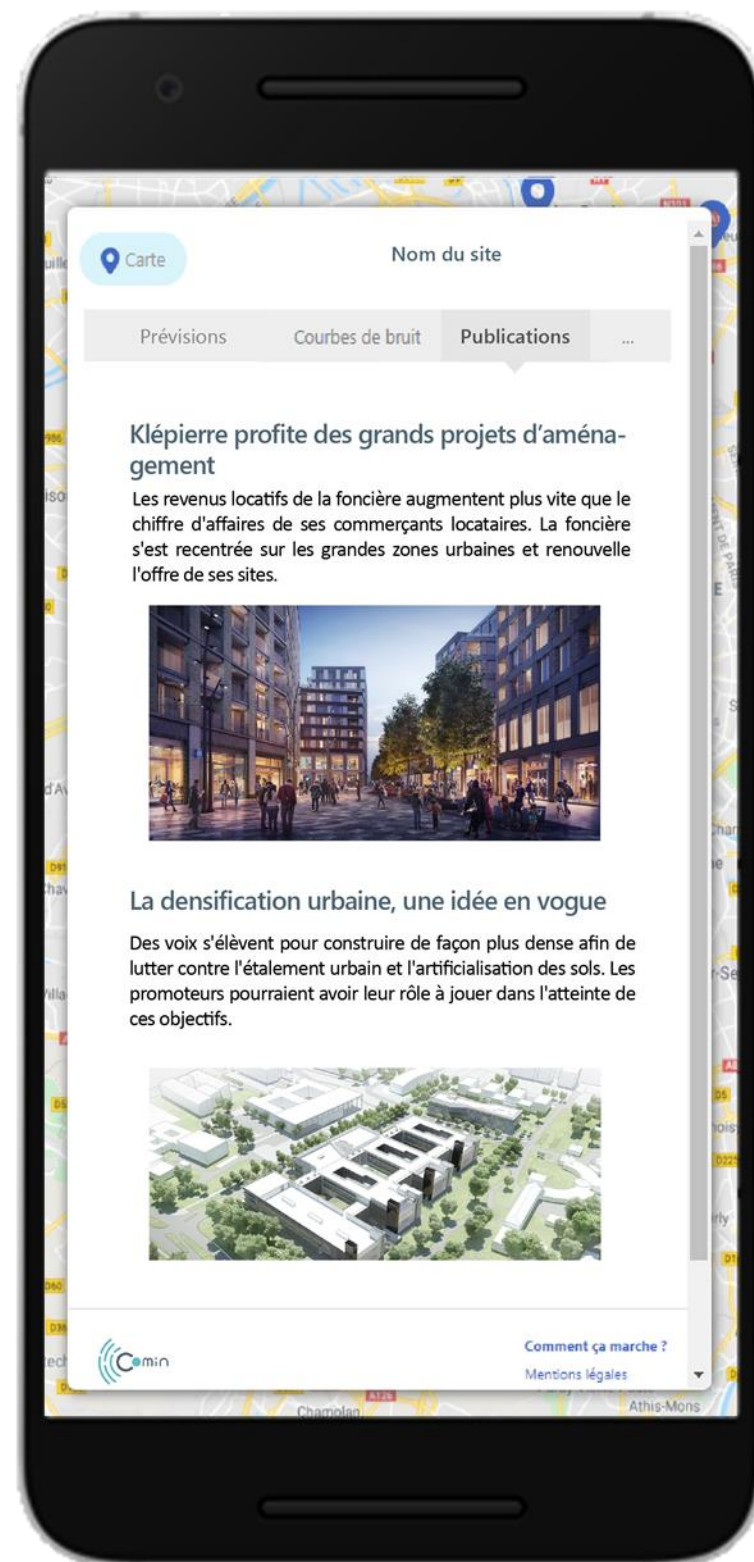
Publications on the life of the project
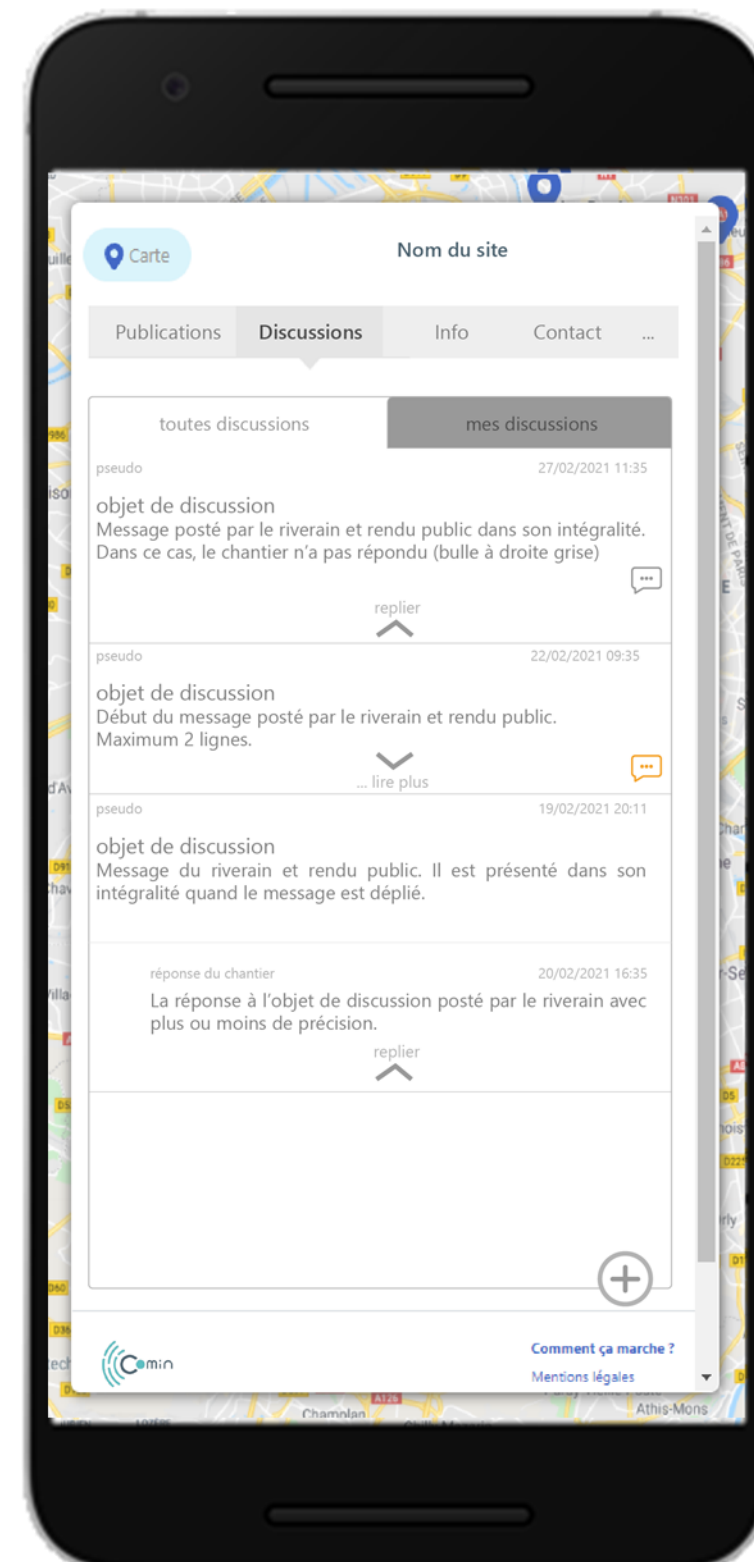
Answers to questions and comments from local residents
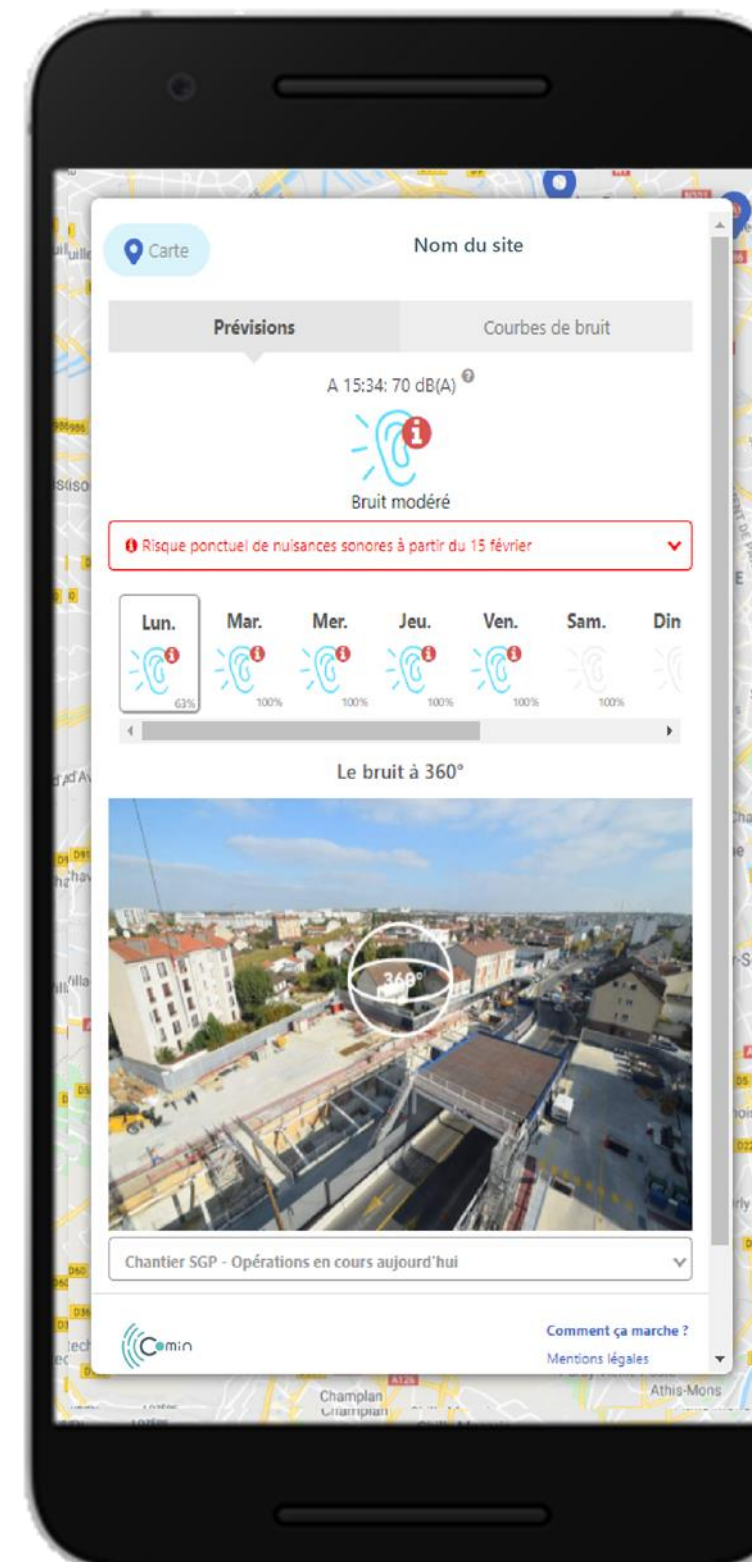
Prediction of future disturbances (and in real time if sensors are already deployed)
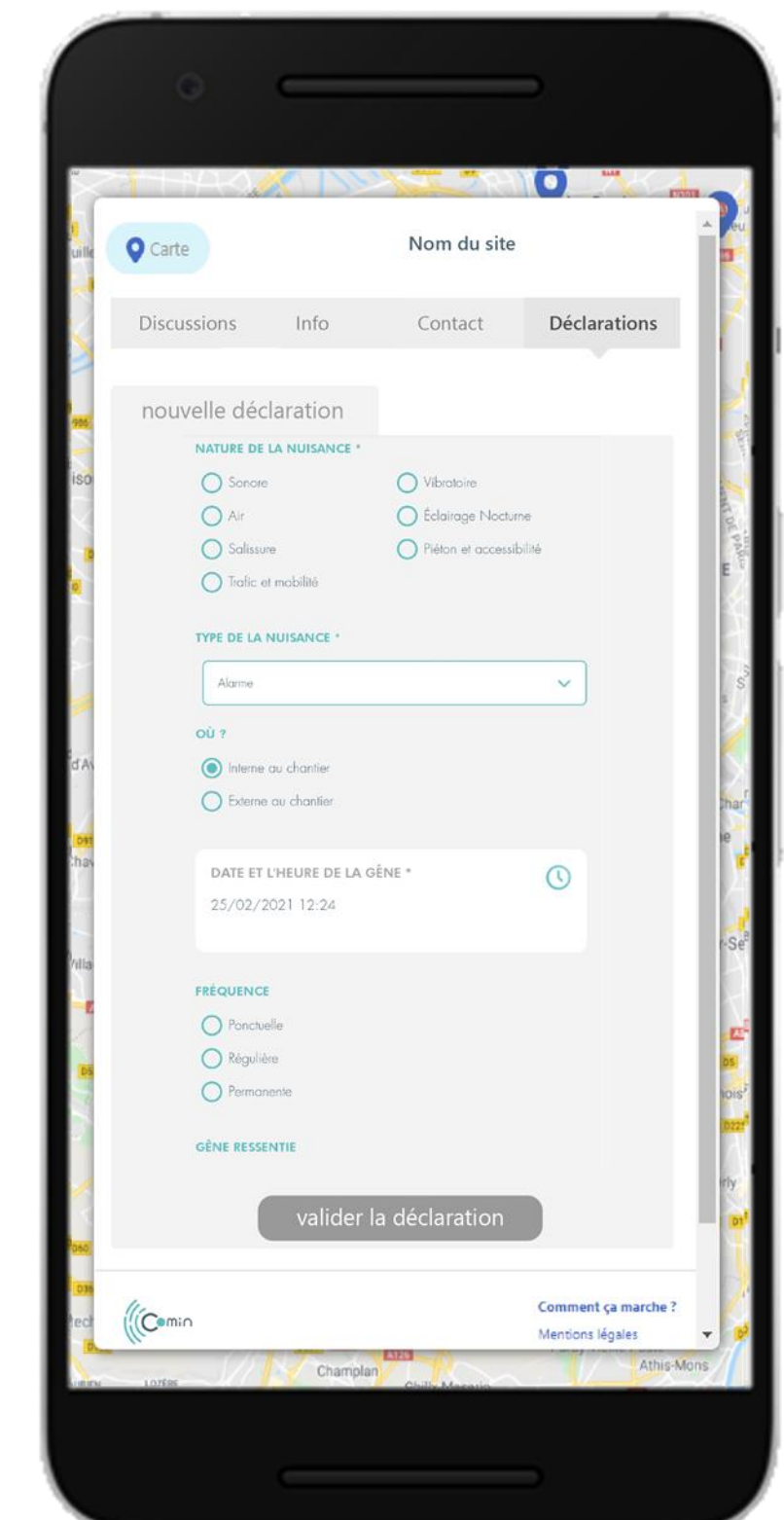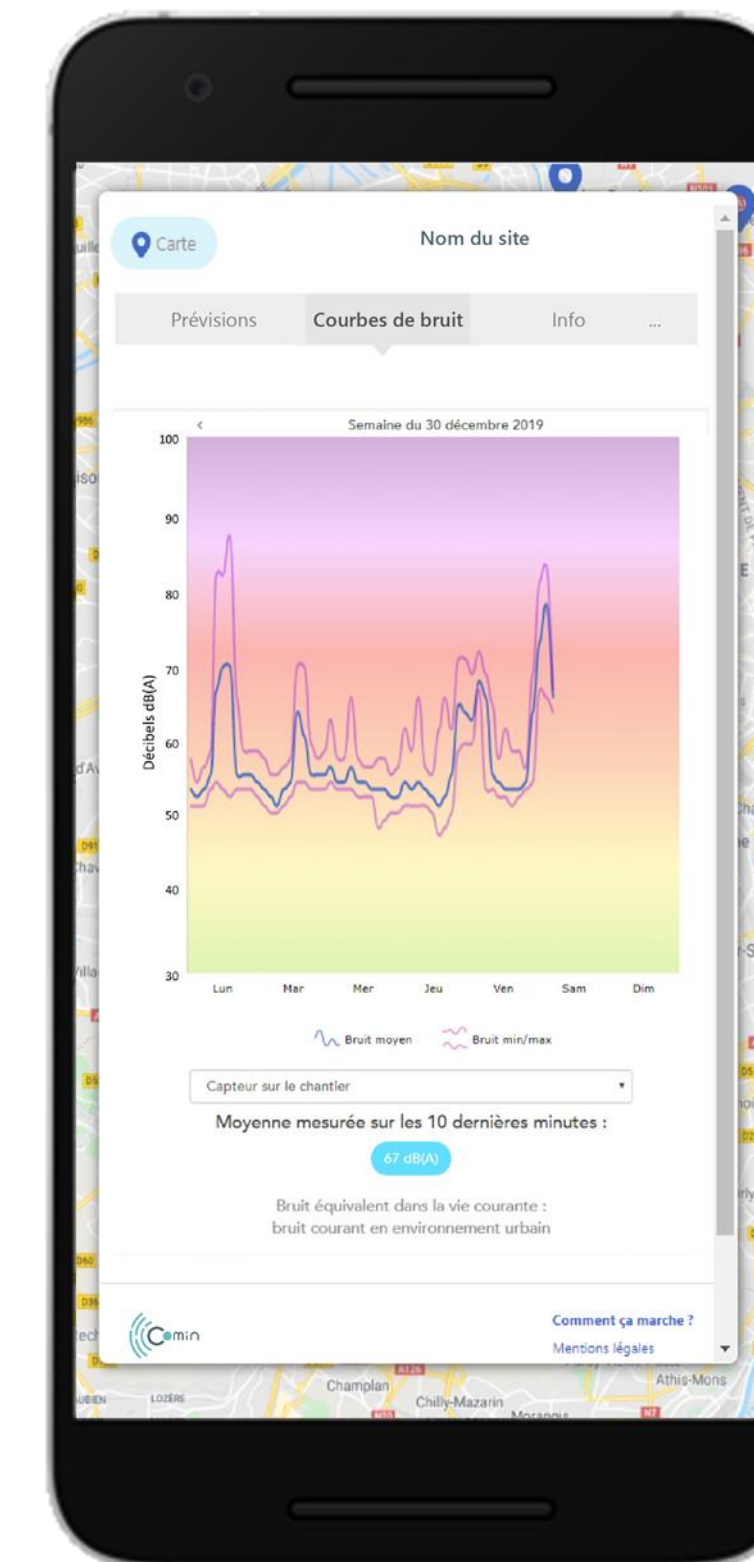
Management of declarations (in case of already deployed sensors)

The Com'in application can be easily integrated into **your institutional sites, applications and social networks, or those of your project owner.**
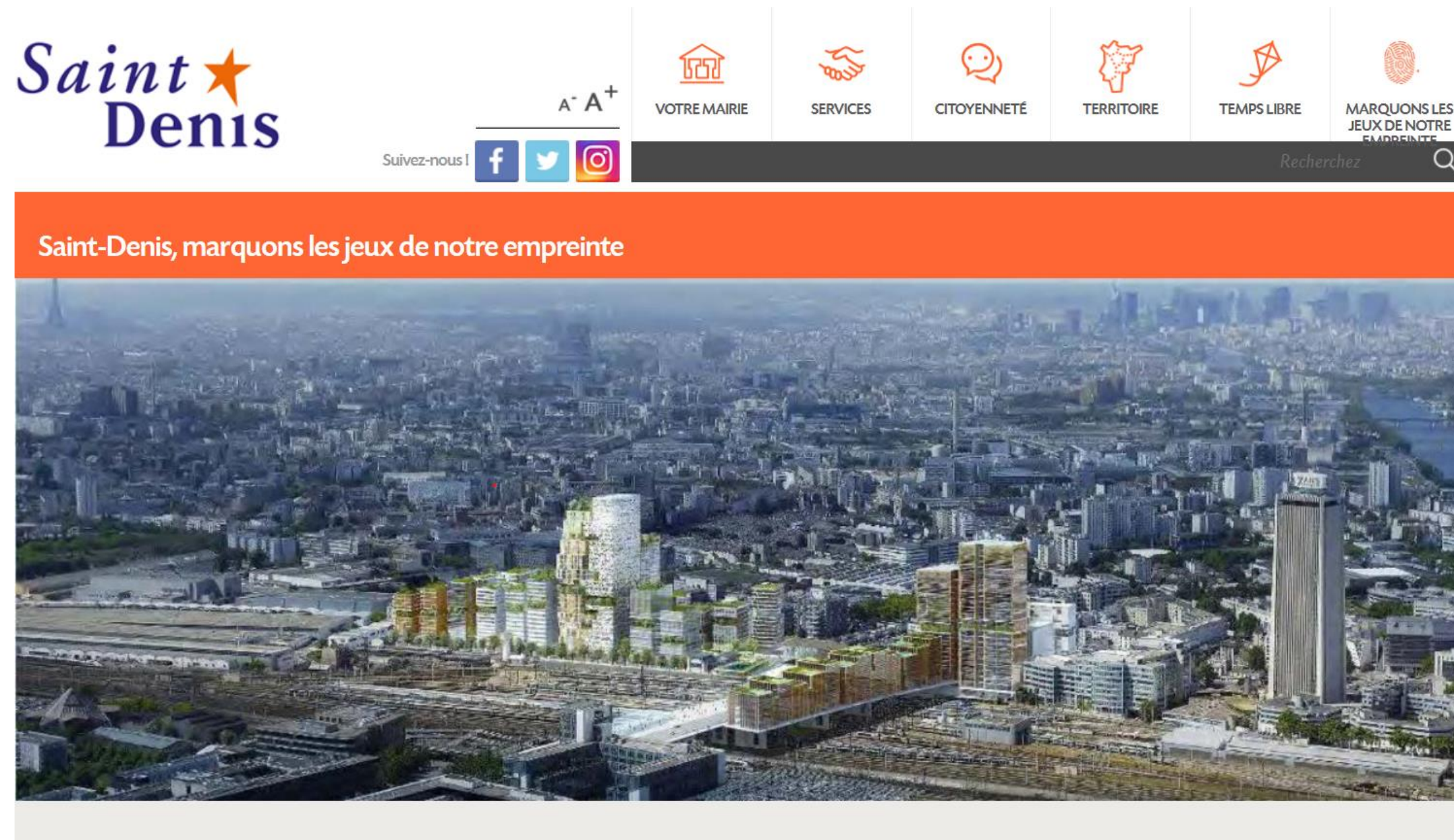
Integration on the website of the city of Saint-Denis

Shared Serenity.
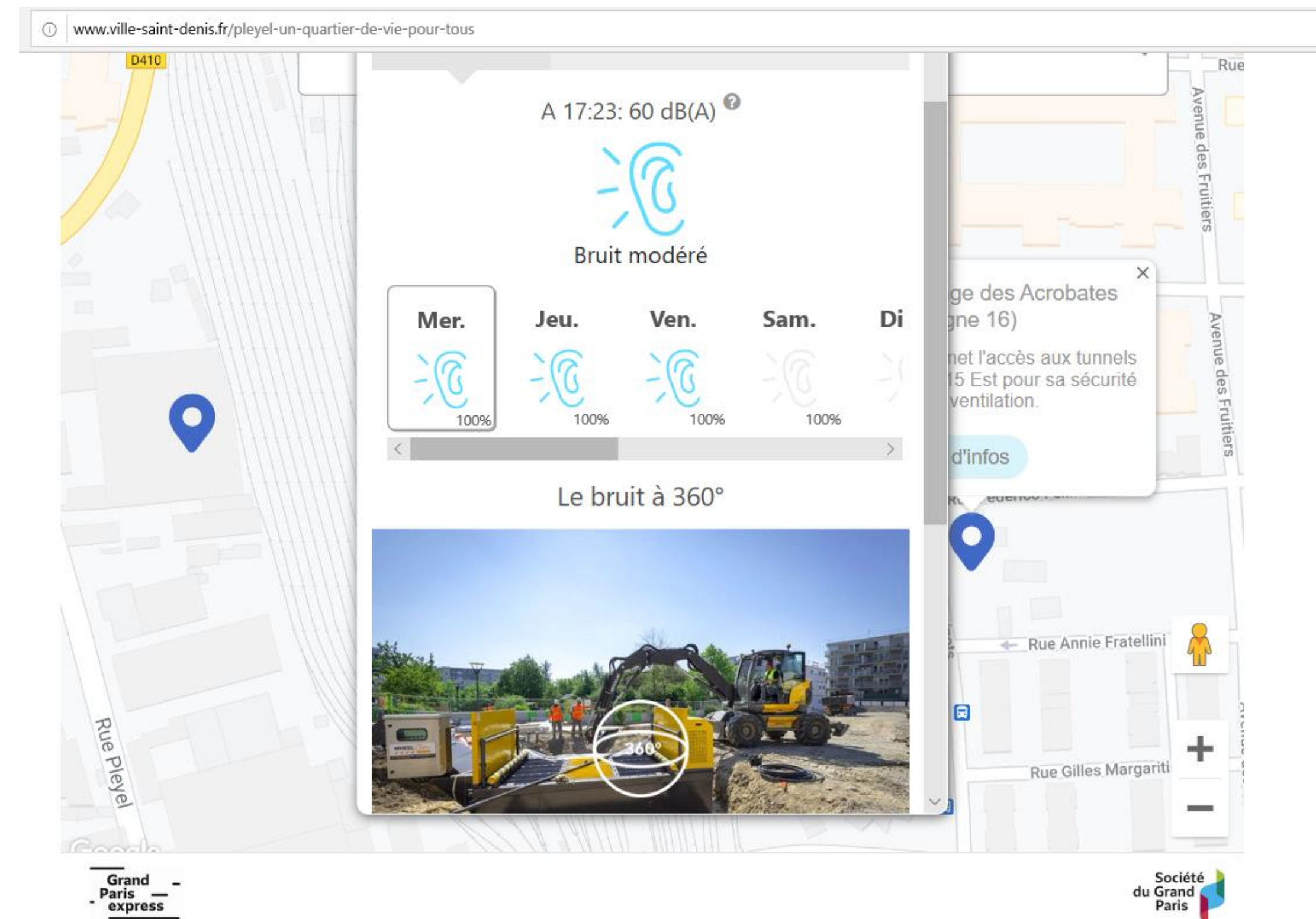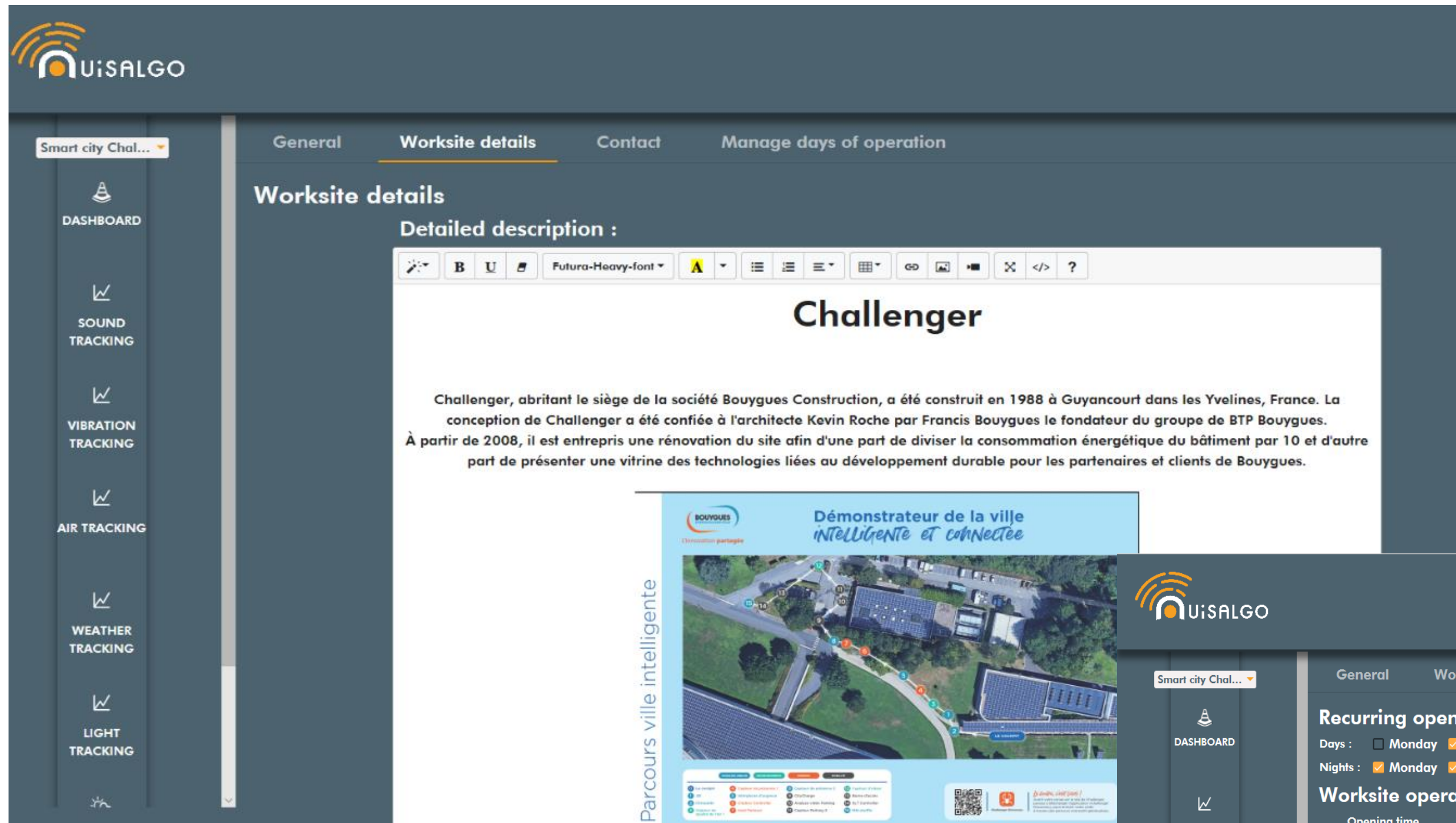
The same **NuisAlgo platform** allows to update the information aimed at local residents.
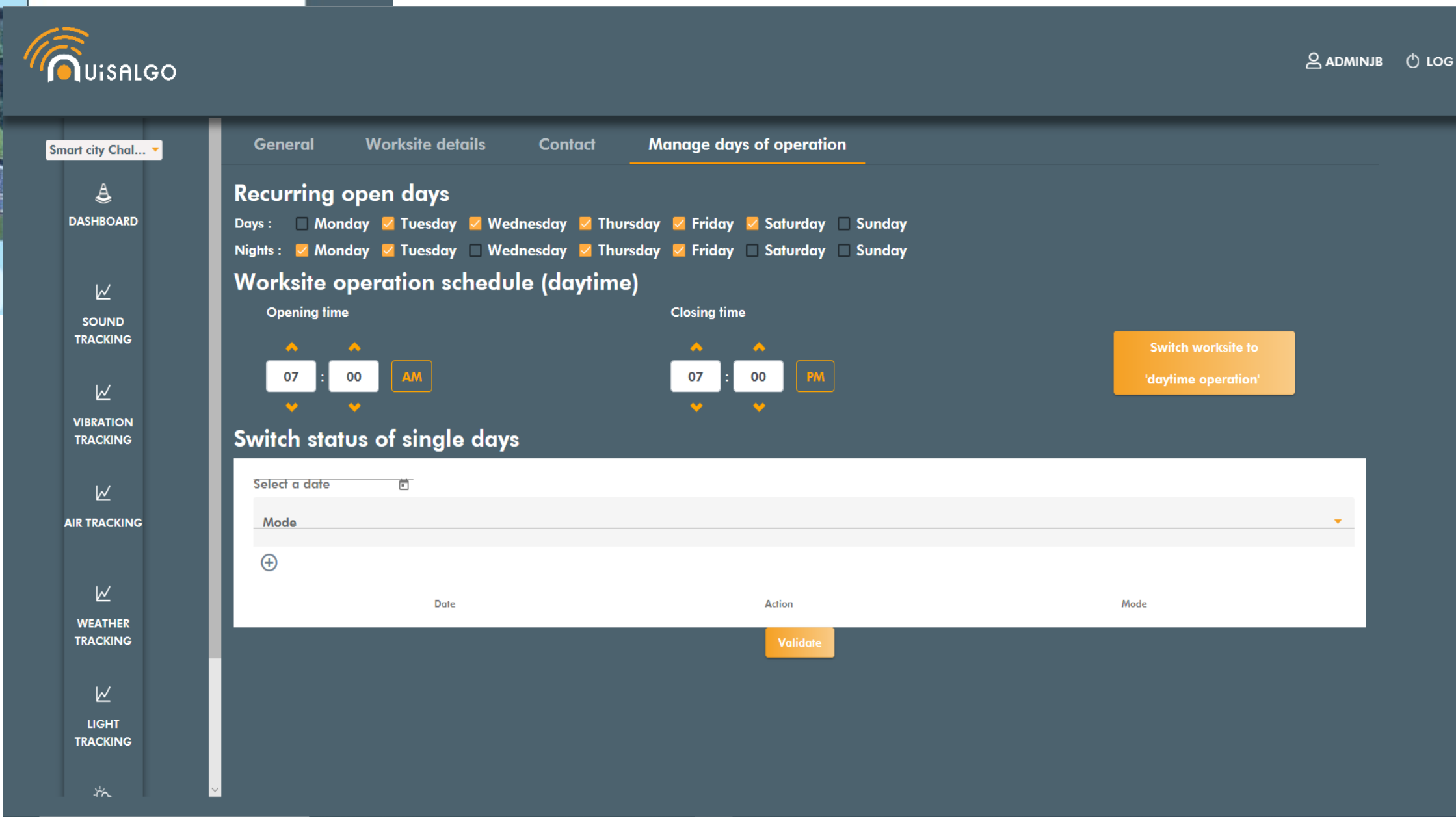
KEY ADDED VALUE OF OUR SOLUTION

Field expertise

➜ +20 years experience as Operation Managers for large-scale construction projects

➜ Knowledge on the specificities of each sites

➜ Environmental and technical consultancy

Accuracy

➜ 10 days forecast on the upcoming disturbances

➜ Smart sensors precisely identify and locate the disturbances

Simplicity

➜ A single back office to manage both neighbours information and monitor environmental impacts

➜ A user-friendly platform designed for operation and communication managers

➜ Widget can be integrated into corporate websites, application and social media easily.

➜ Objective reply to neighbours is sent from the platform

Automation

➜ Real time alerting

➜ Customized and automatic report generation via the platform

Comin

Shared Serenity.

Example of Com'in applications	Environmental impact monitoring – sensors:							Neighbours information	
	Acoustic	Vibratory	Optical	Air quality	Water quality	Energy consumption	Meduse 360°	Information widget	Neighbours feedback
Neighbours' information widget deployed on **Grand Paris Express' sensitive worksites.**								✓	
Information widget and **neighbours' feedback fuctionality** deployed on **Charles de Gaulles Express'** sensitive operations.								✓	✓
Monitoring of the acoustic nuisances in compliance with **NF ISO CEI 61 672-1 norms** during the rehabilitation works of the European Space Agency's French office.	✓	✓							
Monitoring of the acoustic nuisances, vibrations, air and water quality, **mud on the ground**, **energy consumption and traffic at the worksite's exit** in an area of intense activity in Geneva.	✓	✓	✓	✓	✓	✓			
Monitoring of acoustic nuisances **and air pollution, especially with benzene** during the metro line L17's construction works (Paris area).	✓			✓					
Visualization of the zones emitting critical noise and display of noise curves thanks to the installation of Meduse 360° sensors in a Monaco worksite.							✓	✓	
Monitoring of the **water quality (PH, turbidity)** during the rehabilitation works of a sluice.					✓				
Monitoring and management of the nuisances generated **by the day to day operation of a soil treatment and recycling center.**	✓	✓	✓	✓					

Tell us your use case! We adapt our solutions to any worksite's specificities.
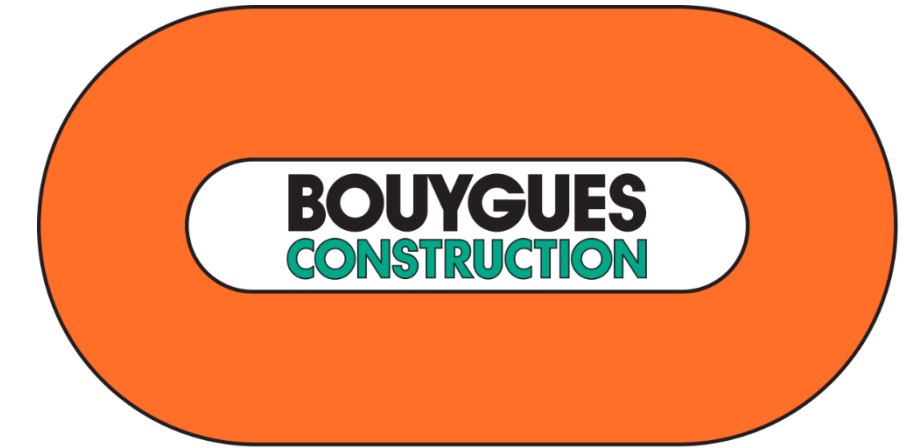
Shared Serenity.

AN OFFER ADAPTED TO A LARGE VARIETY OF CLIENTS

A CUSTOMIZED OFFER

BETTER CONTROL OF OPERATIONS	INFORM NEIGHBOURS	COLLECT NEIGHBOURS' FEEDBACK

NuisAlgo smart sensors installed on site for identifying and localising sources of disturbances. Monitor sound, vibration, air/dust/water, energy consumption or mobility disturbances:

- Monitor disturbance indicators (Origin, Nature, Location) via the NuisAlgo line-of-business platform

- Warning when the set thresholds are exceeded

- Automatic reporting

- Sensor installation assistance

Worksite news widget to inform local residents:

- Provide information to residents about the worksite and upcoming works

- Send notifications in case of unexpected event

- Local agent's contact line

In addition to the control of operation, **collect neighbours' feedback**

- Com'in consumer-facing smartphone application:

- Notifications sent through the NuisAlgo platform in case of neighbour complaint. Complaint answering interface and templates

- Preventative smart alerts : identifying an event which has already caused neighbour complaints

- Option: Manage answers to neighbour's complaints

Com'in

Shared Serenity.

www.comin-city.com