



# ENVIRONMENTAL DATA MONITORING AND ANALYSIS

**Instrumentation, Connected Systems,  
Web Services**

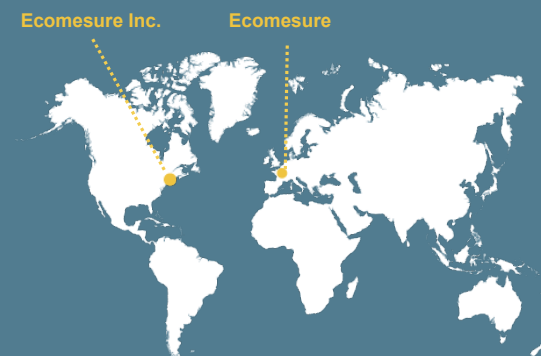
# ECOMESURE AT A GLANCE



Acquired by Damien  
Pelletier in 2013  
**100% private ownership**



**2021 5.5M€**  
**x2 vs 2020**



**70% of IoT sales**  
**are international**



**R&D**  
**15%**



# OUR PRODUCTS AND SERVICES OFFERING

## Instrumentation



Distribution, integration and maintenance of scientific instruments in France

## IoT systems & SaaS



- Design, production and sale of IoT systems worldwide
  - SaaS

## Data analytics



- Integration and data analysis
  - Big Data
  - Augmented and predictive data by AI



# Ecomesure proposes innovative solutions for environmental data monitoring

## EFFICIENT

« Near-reference » continuous and real-time data;

Based on new technologies:  
IoT, big data, AI



## SIMPLE

To install, use,  
maintain and deploy

## AFFORDABLE

10x less expensive than  
scientific instruments





# URBAN APPLICATION CASES





## Intelligent Street Lighting

- Development of a full-featured streetlight enhanced with our air quality monitor
- Connected to the light's RGB LED lamp, it visually informs passers-by of the surrounding air pollution by adjusting the lighting color to changes in air quality.



DEMO





# INDOOR APPLICATION CASES



# SCHOOL S

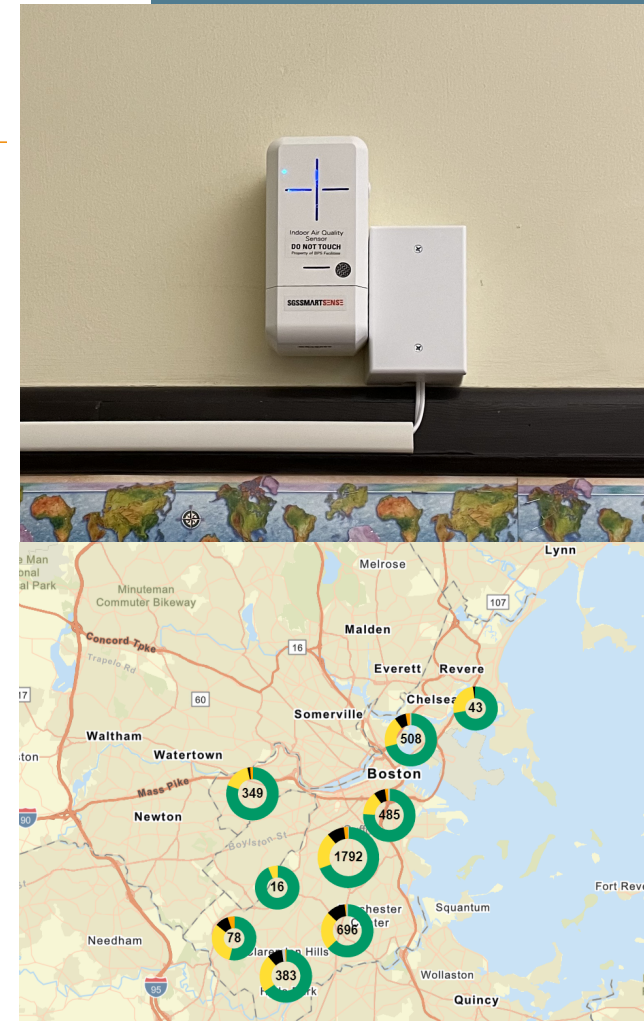


SGS

## EcomZen CO<sub>2</sub>, CO, PM<sub>2.5</sub>, PM<sub>10</sub>, T, RH% Measurement

- Thousands of air quality sensors in classrooms
- Classroom carbon dioxide levels are used as an indicator of air exchange rates
- Build trust in educational institutions by creating healthy learning environments.

The collected data are public and directly viewable on the SGS Live View platform



# Why choosing Ecomesure?



## Scientific Know-How:

+27 years of experience in metrology, scientific instrumentation, calibration



## Cutting-edge technology:

All the steps in the technology value chain, from hardware to software and on to managing augmented data.



## Big data management & cybersecurity

+100 billion of data managed, processed and stored on our secure cloud servers (NoSQL)



## Successful deployments

+300 projects deployed in +40 countries







# Thank you

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