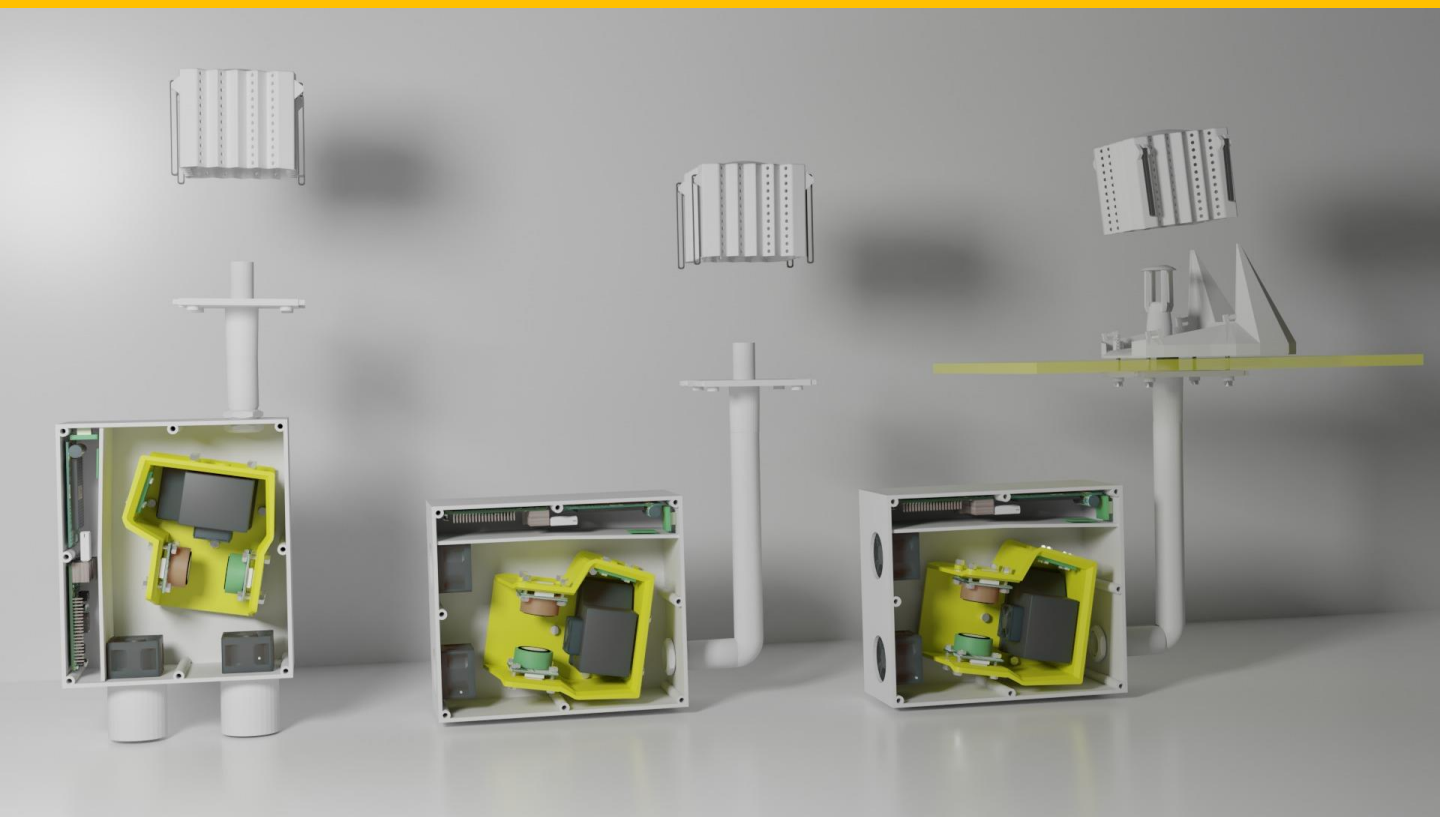
ExpoLIS

Assessment of Human Exposure to Air Pollution to Change the Way People Move in cities

Newsletter 3

February 2020



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Welcome to the third edition of the ExpoLIS Newsletter!

This newsletter is based on the ExpoLIS project. This and the future editions will aim to present the work that has been developed, the main outputs and dissemination activities.

In 2018, two partners joined to propose a new project to the Portuguese Foundation for Science and Technology (FCT). In the last years there has been an improvement in Air Quality in urban areas due to the latest emission control strategies. However, the citizens are still exposed to levels of air pollution above the limits imposed by the legislation. The ExpoLIS project was created with the objective of developing a system that will characterize Air Quality, support air pollution improvement measures and ultimately decrease the citizens exposure to air pollutants.

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- Meet the team: Pedro Santana, the project co-manager

Meeting researchers from other projects

Networking with researchers from other projects working on the same topic as in ExpoLIS is fundamental to identify opportunities of possible synergies and create a chance information and create discussion about relevant topics.

Since the beginning of the project, the ExpoLIS team has organized events with other researchers, namely:

- Online meeting with CESAM/Aveiro University to present the project and discuss the development of the sensor node
- Online meeting with Queensland University of Technology (QUT) to present the ExpoLIS project objectives and the activities to be developed
- Meeting with Dr. Lidia Morawska from Queensland University of Technology (QUT) to discuss the development of the sensor node
- Workshop “Perspectivas e ambições para os veículos CASE”

ExpoLIS in the Third Workshop of C2TN

The 3rd Workshop of C2TN "Radiation and Science for a Better Society – Emerging Challenges and Hot Topics" is an annual event that joins all the researchers at C2TN.

Carolina Correia participated in this event and presented the ExpoLIS project in an oral presentation entitled *"Air quality management in European cities"*.

ExpoLIS in the International Congress on Environmental Health 2019

ICEH2019 – "New Challenges for the future" was a conference held in Lisbon from 25th to 27th September 2019. The ExpoLIS project team was there and presented the work developed in this project.

Carolina Correia and Vânia Martins were there with one poster presentation entitled *Assessment of human exposure to air pollution to change the way people move in cities*.

Besides that, Carolina also made an oral presentation in the framework of the project ExpoLIS which was entitled *Commuter exposure and inhaled dose of particulate matter in four common modes of transport in Lisbon.*

Meet the team

Pedro Santana is the project co-manager.

He is a researcher at IT, in ISCTE-IUL. His research work focuses on artificial intelligence, robotics, computer-human interaction, among others.

What will you find in the next issue?

- Meeting the stakeholders
- *Particle exposure and inhaled dose while commuting in Lisbon*
- Children's exposure and dose assessment to particulate matter in Lisbon
- Meet the team: Patrícia Baptista

Keep in touch!

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