



The CONQUAIR project (ICT Applications to CONquer Optimal Quality of AIR in Long-Term Care Settings) is an innovative initiative designed to revolutionize air quality management in healthcare environments. Launched in September 2024, this two-year project is a collaborative effort between EMBIO Diagnostics (coordinator), the University of Florence, Class Srl (Italy), and Resysten Kft (Hungary). Proudly sponsored by 'Eureka-Eurostars,' CONQUAIR is focused on developing advanced Information and Communication Technology (ICT) solutions to optimize air quality in long-term care facilities, addressing a critical challenge in modern healthcare and aligning with the RIS3 agenda.

Our primary Objectives are to

Ensure Continuous Real-Time Monitoring

Our solution facilitates continuous real-time monitoring of air microclimate parameters, focusing on conditions that could foster the transmission of airborne pathogens. By providing precise and up-to-date data, we aim to significantly reduce the risks associated with poor air quality.

Enhance Decision-Making for Healthcare Facilities

We are committed to supporting healthcare facilities in making informed decisions to optimize indoor air quality. Our system will provide actionable insights that enhance the overall health and safety of both patients and healthcare workers, ensuring a healthier environment for all.

Offer User-Centric Mobile Application

The project will deliver an end-user-adapted mobile application, tailored for healthcare professionals. This intuitive interface will offer well-documented guidelines, interventions, and action-based protocols to mitigate risk events and prevent the transmission of airborne illnesses through both air and surfaces.

Our Mission

The CONQUAIR project is driven by the critical need to enhance indoor air quality in healthcare settings, particularly in long-term care facilities where vulnerable populations face the highest risk. Our mission is to create a comprehensive solution that not only monitors air quality but also empowers healthcare providers with the tools and knowledge necessary to take swift and effective action to protect patients and staff.

Get in touch

 Give Us a Call

 Book a Meeting

[About Us](#)

[Terms & Conditions](#)

[Privacy Policy](#)

[Quality Policy](#)

[Careers](#)

[Logo Bundle](#)

[Contact Us](#)

[\(+357\) 22515175](tel:+35722515175)

info@embiodiagnostics.eu

[Technical Support](#)

[\(+357\) 22515175](tel:+35722515175)

support@embiodiagnostics.eu

Download B.EL.D™ app



[in](#) [f](#) [v](#)