

Madrid, 17th March 2026

Letter of Support – Industrial Advisory Board

To whom it may concern,

On behalf of MECWINS S.L., I am pleased to express our interest in supporting the Horizon Europe proposal “LUMITHERM2.0: High-Performance Luminescence Thermometry for Research and Innovation Excellence.”

MECWINS is a technology-driven company specialized in the development of advanced biomedical devices and solutions for cardiovascular intervention and medical imaging. The company has extensive experience in translating innovative scientific concepts into clinically relevant technologies, particularly in the field of minimally invasive diagnostics and medical instrumentation.

We believe that the development of high-precision luminescence thermometry technologies, particularly when combined with nanomedicine and advanced optical sensing, represents a highly promising approach for future biomedical diagnostics. Temperature is a fundamental physiological parameter that reflects metabolic activity, inflammation, and pathological processes. The possibility of measuring temperature remotely and with high spatial resolution using luminescent nanosensors could open new opportunities for early diagnosis, monitoring of disease progression, and evaluation of therapeutic interventions.

For companies operating at the interface between medical technology and clinical applications, such as MECWINS, the outcomes of the LUMITHERM2.0 project may contribute to the development of next-generation diagnostic tools and smart biomedical devices capable of providing quantitative thermal information in complex biological environments.

For this reason, we would be pleased to participate in the Industrial Advisory Board of the LUMITHERM2.0 project, contributing our industrial perspective and supporting the translation of research outcomes toward potential technological and clinical applications.

We look forward to following the progress of this initiative and to contributing, when appropriate, to discussions on technology transfer and innovation pathways emerging from the project.

Sincerely,

Dr. Óscar Ahumada Heredero
CEO
Mecwins