

SPONSORSHIP BROCHURE

SENTIATECH CONGRESS

DETECTION, MEASUREMENT AND
CONTROL OF EMERGING RISKS

Valencia, Spain

21-22 October 2025

Meeting on scientific innovation

Organized by:



SPANISH TECHNOLOGY PLATFORM FOR
ADVANCED TECHNOLOGIES FOR POLLUTANT
DETECTION, SAFETY PREVENTION AND
ENVIRONMENTAL MONITORING

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■ ABOUT US

■ SENTIATECH ■

SENTIATECH is the **Spanish Technological Platform for Advanced Technologies for Pollutant Detection, Safety Prevention and Environmental Monitoring**. Established in 2023 with the impulse of the Spanish Ministry of Science, Innovation and Universities and the ITENE Research Centre, its Technical Secretary, this platform is an ecosystem of innovation and cooperation between agents of the Spanish system, ranging from public and private entities to observers and legislators.

The platform focuses on the development and application of advanced technologies for the early detection, measurement and control of emerging chemicals, pathogens and pollutants that impact human health and the environment. It also promotes the implementation of new technologies applicable to health assessment and monitoring, chemical and biological hazards, microbiological contamination and air quality.

■ ABOUT THE CONGRESS



The management of emerging risks has become an essential pillar to ensure safety in key sectors such as the agri-food industry, the chemical industry, health, the water cycle, occupational risks or environmental health, among others. Our congress aims to foster multidisciplinary collaboration and accelerate the development of innovative solutions to address current and future challenges in this constantly evolving field.

The **I SENTIATECH Congress** offers a privileged space for the exchange of ideas, the creation of synergies and the strengthening of the scientific and technological community. Renowned experts in sensing technologies, advanced data analysis, nanomaterials and advanced materials manufacturing, food safety and prevention regulations will gather to present the latest advances, discuss challenges still to be overcome and define new implementation strategies.



+150 PROFESSIONALS



EXPO AREAS



RESEARCH PROJECTS



NETWORKING

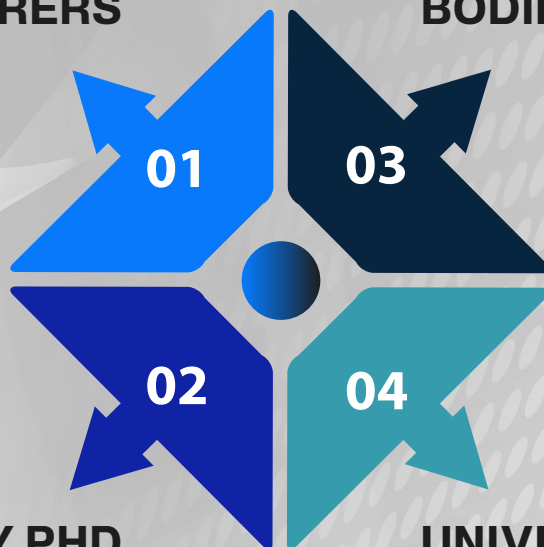


+100 SPEAKERS

■ WHO WILL ATTEND

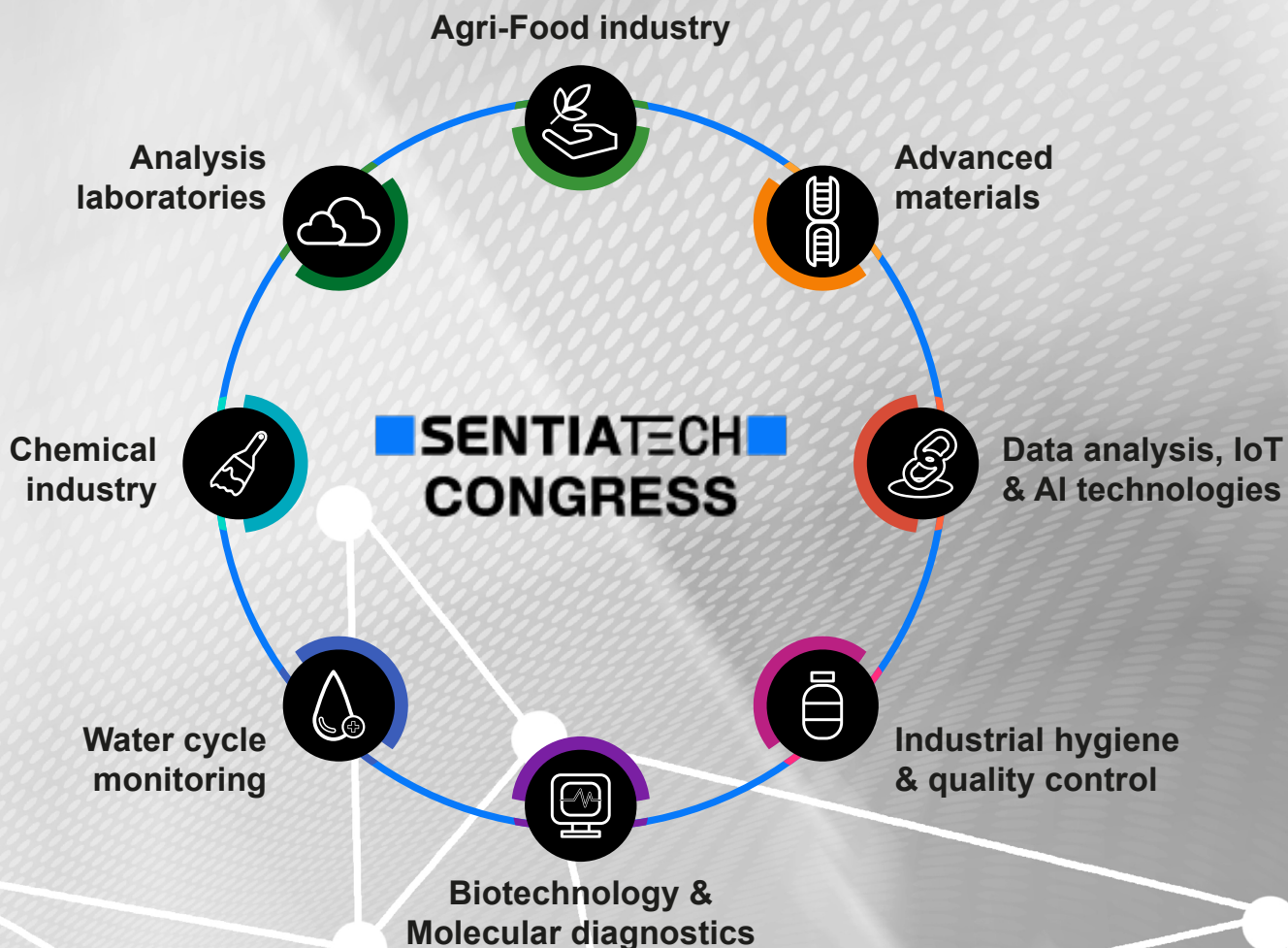
**COMPANIES &
MANUFACTURERS**

**PUBLIC REGULATORY
BODIES**



**KEY PHD
RESEARCHERS**

**UNIVERSITIES &
RESEARCH CENTRES**



■ WHY SPONSOR?

Boost your business in front of the world's leading health & environment experts.

Join the most disruptive congress in 2025!

SENTIATECH is organising this world conference where you will be able to:

- Promote its organisation and its technological developments to an international audience.
- Establish contacts and network with leading researchers and industry professionals.
- Discover the innovations and trends that are transforming the industry of detection and control of substances of concern.
- Boost your business in front of the world's leading experts.

Join this conference of innovation and public-private collaboration.

Regulators, research organisations and companies will come together to present the latest developments, discuss remaining challenges and define new implementation strategies.



■ WHY SPONSOR?

The place to be: Meet the professionals and discover the new trends in the industry.

EUROPEAN R&D TRENDS THAT ARE BEING DISCUSSED IN THE I SENTIATECH CONGRESS:

1. Strong Growth in the Environmental Testing Market

The global environmental testing market (covering water, air, soil) reached \$3.4 billion in 2024 and is expected to grow at a CAGR of 7% through 2029. This growth is driven by increasingly stringent regulations, heightened public awareness, and technological innovation.

2. Microplastics and Nanoplastics Under the Spotlight

The microplastic sensors market was valued at \$13.5 billion in 2023, with an expected growth rate of 4.1% annually through 2031. This reflects the increasing regulatory and health concern around plastic particles, particularly in water and food systems. Cutting-edge detection technologies (FTIR, Raman spectroscopy, and high-resolution microscopy) are seeing rising demand for tracking ultrafine particles

3. Regulatory Momentum Boosts Demand

The new EU directive adopted in November 2024 requires enhanced treatment of micropollutants in urban wastewater, stimulating investment in detection and mitigation technologies. Additionally, international bodies such as the OECD and the U.S. EPA are ramping up efforts to address "Contaminants of Emerging Concern," encouraging innovation in cross-border monitoring systems.

4. Analytical Techniques Becoming Central

The market for advanced chemical analysis tools such as LC-MS and GC-MS is expanding due to demand for high-sensitivity techniques capable of detecting low levels of PFAS, pharmaceuticals, pesticides, and industrial chemicals across multiple sectors.

5. SSbD Framework Gains Regulatory Momentum in the EU

The European Commission is scaling up the adoption of the Safe and Sustainable by Design (SSbD) framework. From 2024, several Horizon Europe calls across health, food and materials require SSbD alignment. The Joint Research Centre has issued updated SSbD guidance to ensure integration of safety, sustainability and circularity from the earliest stages of innovation.

6. Chemical Transparency Becomes a Legal Obligation

New and upcoming EU legislation (e.g., Food Contact Materials Regulation, revised CLP, REACH updates, Digital Product Passport) requires full transparency on chemical composition and toxicity. Companies must now demonstrate both non-hazardous profiles and environmental performance, particularly for materials in contact with food or water.

7. New Approaches to Microbiological Risk Control

Post-COVID, there's renewed focus on airborne and surface pathogen detection, especially in processing plants. Biosensors, advanced swabbing systems, and AI-powered image recognition are enhancing the detection of Listeria, Salmonella, and other priority hazards.

8. EU Investment & Public-Private Collaboration Intensifies

Over €328 billion were invested in R&D in the EU in 2023, and SSbD, circular food systems, and chemical safety are top priorities under Horizon Europe. Programmes like Cluster 4 (Digital, Industry, Space) and Cluster 6 (Food, Bioeconomy, Natural Resources) are funding new testbeds and cross-sectoral collaboration projects in these areas.

SCIENTIFIC COMMITTEE



Carlos Fito

Technical Secretary of SENTIATECH and Manager of Safety and Environmental Monitoring Technologies at ITENE Research Centre



Gloria Sánchez

Scientific Vice-Director at the Institute of Agrochemistry and Food Technology (IATA-CSIC)



María José Fabra

Senior Scientist at the Institute of Agrochemistry and Food Technology (IATA-CSIC)



Tomasz Puzyn

CEO at QSAR Lab Ltd. Full Professor of Chemistry and Head of the Laboratory of Environmental Chemometrics at the Faculty of Chemistry at the University of Gdańsk



Magda Blosi

Responsible of the Laboratory of Nanomaterials at the Institute of Science, Technology and Sustainability for Ceramics (ISTEC-CNR)



Yolanda Moreno

Senior Researcher at the Research Institute of Water and Environmental Engineering (IIAMA), Universitat Politècnica de València (UPV)



Pilar Marco

Head of the Nanobiotechnology for Diagnostics (Nb4D) group at the Institute of Advanced Chemistry of Catalonia (IQAC-CSIC) and Coordinator of the Nanomedicine Research Programme at the CIBER-BBN



Lang Tran

Director of Quantitative Toxicology at the Institute of Occupational Medicine - IOM's Research Division



José A. González

Head of the Department of Biogeochemistry, Plant and Microbial Ecology at the Institute of Natural Resources and Agrobiology of Seville (IRNAS-CSIC)



Ramón Martínez

Director of the Inter-University Institute for Molecular Recognition and Technological Development Research (IDM-UPV)



Mark Wiesner

James B. Duke Distinguished Professor of Civil and Environmental Engineering at Duke University



Alba Hernández

Professor, Researcher and Director of the Department of Genetics and Microbiology at the Autonomous University of Barcelona (UAB)



Maidá Domat

PhD Physicist specialised in Material Science at the University of Oviedo



Wouter Fransman

Principal Investigator for Exposure Assessment at TNO



Ernesto Alfaro

Head of Nanosafety at the International Iberian Nanotechnology Laboratory (INL)



Antonio E. Palomares

Vice-Director of the Institute of Chemical Technology (ITQ-CSIC-UPV)

3 disruptive themes in 1 single congress

RISK ASSESSMENT, MONITORING AND CONTROL OF EMERGING CONTAMINANTS AND SUBSTANCES OF CONCERN: PFAS, MICRO AND NANOPLASTICS

- Analytical techniques for the determination of PFAS and micro(nano)plastics
- EU policies, regulatory requirements and trends
- Treatment and removal technologies
- New analytical techniques and sensor-based approaches
- Human Health and Environmental Risks Assessment methodologies
- Human exposure to PFAS and micro(nano)plastics
- Other

INNOVATION AND OPPORTUNITIES OF SENSING TECHNOLOGIES IN AGRIFOOD VALUE CHAINS

- Antimicrobial resistance gene detection methods in the agrifood value chains
- New technologies for pathogens detection and food safety analysis in agrifood value chains
- EU policies, regulatory requirements and trends
- New technologies for allergenic substances and harmful chemicals detection and monitoring in agrifood value chains
- Molecular techniques for the detection of food fraud
- Other

INDUSTRIAL CHALLENGES AND SOLUTIONS TO IMPLEMENT THE SAFE & SUSTAINABLE BY DESIGN (SSbD) FRAMEWORK

- Tools and methodological approaches for human and environmental hazard assessment
- Industrially oriented exposure and release assessments models and tools
- Tools and methodological approaches to assist the lifecycle assessment and sustainability
- Policy vision and initiatives to support the SSbD framework implementation at industrial level
- Industrially oriented research projects
- Industrial view and SSbD implementation success stories
- Other

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- **Email marketing:** Logo in the 1st position in the list of sponsors and link to the sponsor's website. Short description of the company in the footer of all emails sent.
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- **20% registration discount** on customer invitations.
- **Social media:** 2 posts on LinkedIn and Twitter: 1) incorporation - 2) company activity
- **Visibility at the event:** Large logo on promotional material on site
- **Programmes:** Large logo in printed and online programmes (+web link).
- **Merchandising:** Medium-sized promotional item in welcome bags.
- **Exhibition stand:** Exhibition table in the exhibition area.
- **Sponsors of networking breaks:** Gold sponsors will be able to have their sponsor logo on the programmes and have promotional material in the networking areas.

PRICE: 4.500€

SILVER SPONSOR

- **Web:** Logo in 2nd place in the list of sponsors and link to the sponsor's website. Sponsor profile on the website with short description.
- **Email marketing:** Logo in 2nd place in the list of sponsors and link to the sponsor's website.
- **2 attendance passes** (25% discount on additional passes).
- **10% registration discount** on customer invitations.
- **Social media:** 1 post on LinkedIn and Twitter: 1) incorporation.
- **Visibility at the event:** Small logo on promotional material on site.
- **Programmes:** Small logo in print and online programmes (+web link).
- **Merchandising:** Small promotional item in welcome bags.

PRICE: 2.000€

■ ORGANISERS

ORGANIZED BY

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SENTIATECH'S TECHNICAL SECRETARY

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■ VENUE



The **La Harinera-Las Naves complex** is the space for experimentation and innovation promoted by the Valencia City Council's Department of Innovation, Technology, Digital Agenda and Investment. Activities are carried out here within the framework of the **Valencia Innovation Capital** innovation strategy, which aims to turn the city of Valencia into the technological hub of reference in the Mediterranean.

The facilities have more than 10,000 square metres open to the public, aimed at promoting innovation and technology, boosting the innovative activity of the territory and developing the city's technological entrepreneurship ecosystem by valuing its talent, promoting connections, raising the profile of its agents and encouraging public-private collaboration.

How to get there?

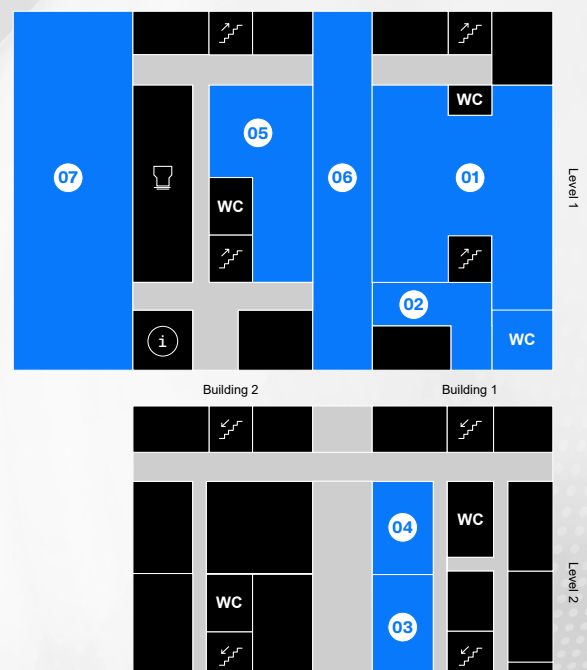


Las Naves (C/ de Joan Verdeguer, 16, Poblados Marítimos, 46024 Valencia)



La Harinera (C/ de Joan Verdeguer, 116, Poblados Marítimos, 46024 Valencia)

Layout of Las Naves complex



- 01 La Polivalent
- 02 Hall La Polivalent
- 03 Factoría
- 04 Visual Room
- 05 Exhibition Gallery
- 06 Courtyard 1
- 07 Courtyard 2

■ DISCOVER VALENCIA

Valencia stands out as a prime destination for events and professional gatherings, thanks to its excellent connectivity, welcoming atmosphere, pleasant climate, and renowned cuisine. The city specializes in what it does best: crafting memorable experiences.

Recognized twice by Forbes (in 2022 and 2024) as the **world's best city to live and work in**, Valencia offers an exceptional quality of life. Its stunning beaches, dynamic culinary scene, and rich cultural heritage, combined with accessible public transport, diverse recreational activities, and a strong sense of security, make it an outstanding place to visit and do business. Additionally, Valencia is deeply committed to sustainability and environmental initiatives, playing a key role in the green transition and climate action. With the Mediterranean shaping its history, nature, and way of life, the city boasts a unique ecosystem that has long supported healthy living and nutrition. This dedication to sustainability earned Valencia the title of **European Green Capital 2024**.



SENTIATECH

www.congress.sentiotech.com



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