



PITCHING SESSION





A leading, innovative and transversal ecosystem connecting ninety companies, technology centers, and knowledge organizations throughout Spain and Southern Europe.

Functional Print Cluster is a key instrument to perform a correct transfer of innovation from advanced printing technologies to the industry

MANUFACTURING INDUSTRY ORIGINS / CONNECTION WITH ALL INDUSTRIAL MARKETS



Health



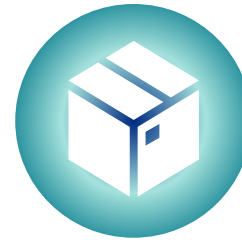
Mobility



Electronics
& IoT



Habitat &
Smart Building



Packaging
& Logistics

Functional Print can offer advanced integration solutions, combining flexible electronics with additive manufacturing to create lighter, more compact devices with improved interfaces between flexible and rigid components.



Technologies / Working areas

- ◆ Printed Electronics
- ◆ Additive
- ◆ Functional Additive
- ◆ Coatings
- ◆ Compositronics
- ◆ Textronics
- ◆ Bioprinting
- ◆ Biosensors & electrodes
- ◆ Plastronics – In Mold Electronics

FUNCTIONAL PRINT

Objectives and interests

i. Purpose of presentation:

- Join a consortium, collaborations

ii. Topics and Calls of interest:

- *Advanced materials.*
- *Printed sensors and flexible electronics integrated into wearables or industrial environments*
- *Flexible and advanced Electronics*
- *cross-sector interoperability*
- *Interoperability and data standards*
- **HORIZON-CL4-2025-03-MATERIALS-47** (IAMs, RIA)

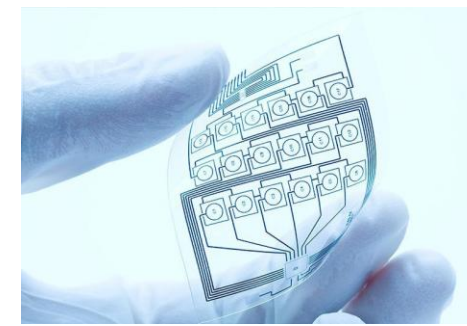
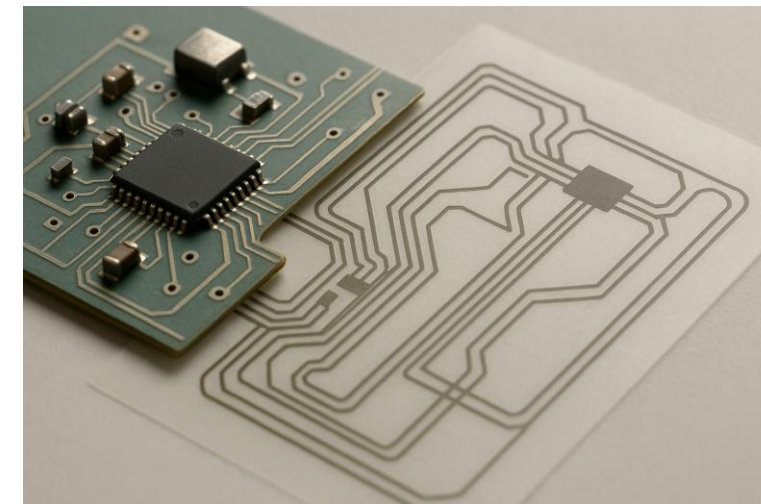
iii. What can I do?:

Functional Print can contribute its **expertise** in the mass production of **flexible electronic devices** for industrial applications, renewable energy, automotive, household appliances, retail, etc.

Examples: circuits, keyboards, antennas, sensors, alarms, RFID technologies, touch screens, electroluminescent lamps, batteries, anti-theft systems.

iv. What I am looking for:

- Partners with common interests
- Demand companies o consortia
- Projects and contacts



Direct Capacities of the Functional Print Cluster Relevant to those Topics

Functional Print Cluster has extensive experience and proven capabilities in key cross-cutting activities such as:

- **Communication and Dissemination:** Development and execution of tailored communication strategies for innovation projects, including stakeholder engagement, social media, digital content creation, and participation in key industry events.
- **Exploitation and Innovation Management:** Support in defining exploitation strategies, identifying market opportunities, and creating roadmaps for the uptake of advanced printing technologies by industrial players.
- **Standardisation and Ecosystem Building:** Active involvement in standardisation initiatives and the creation of synergies among SMEs, technology centres, and large industrial partners to foster interoperability and common technological frameworks.

Indirect Technological Capacities from Cluster Members:

The Cluster brings together a broad range of technological expertise across its value chain, aligned with the key challenges and priorities defined in the topic of interest in this Horizon call for instance.

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