Inside the Valencia Meeting: How Cir4Fun Is Getting Circular Tools Ready for the Factory Floor



VALENCIA, Spain — On 3 and 4 November, partners from across Europe travelled to Valencia for the latest Cir4Fun General Assembly, hosted by AIDIMME. The aim was straightforward: move the project's methodologies, digital tools and circular frameworks off the drawing board and prepare them for testing in active manufacturing, waste management and engagement of stakeholders from domestic and contract furniture markets.
Over the two days, furniture manufacturers, research centres, and technical developers sat down together to take stock of progress and coordinate the next stage of practical trials.

Bringing the Tools Together

Discussions focused on how Cir4Fun's solutions (methodologies, software and engagerment methodos) will work in practice across the furniture value chain. Technical partners shared progress on the core platforms underway, looking at how they connect:

- **Design and Sustainability Tools:** Partners reviewed practical solutions for product development, including eco-design guidance, business model frameworks, and AI-driven tools to help designers select more sustainable materials early on.

- **The Digital Product Passport (DPP):** The team reviewed the architecture behind the furniture DPP, from data models and developer tools to dedicated applications that will

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help suppliers, retailers, and customers track product lifecycle data.

- **Shared Data Infrastructure:** Sessions explored the underlying data space necessary for secure, seamless information sharing across companies, focusing on system connectivity and interoperability.

- **Engagement methods:** ensuring maximum understanding and collaboration between the different value chain stakeholders is the success key. By demonstrating some engagement actions with designers, citizens and other downstream steackholders (second hand market and social enterprises, waste managers, etc.). the use of the Cir4Fun solutions will be boosted, increasing their potential impact.

Preparing Real-World Trials

A key priority of the meeting was setting up the project's industrial pilots. The organisations hosting the trials met directly with the technical teams to refine schedules, align operational goals, and agree on practical performance indicators for shop-floor testing.

The assembly concluded with collaborative sessions dedicated to training, supply chain engagement, and long-term exploitation, ensuring the tools developed during the project deliver genuine, lasting value to the European furniture sector.

About Cir4Fun

Cir4Fun is a three-year initiative funded by the European Commission under the Horizon Europe program. The project's consortium is formed by 22 partners from 10 European countries (Spain, Portugal, Denmark, Greece, Germany, France, Ireland, Italy, Switzerland and the United Kingdom).

This project aims to create a sustainable future for the European furniture sector by enhancing eco-design, fostering new business models, and implementing cutting-edge circular economy solutions. These measures will support simulation testing, which will inform supply chain strategies and help extend the lifespan of furniture products.

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https://www.youtube.com/@cir4fun

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