

FEMS EUROMAT23

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FEMS EUROMAT is the most important international congress in materials science and technology in Europe. It continues a successful congress series promoting the transfer of knowledge and the exchange of experience between academia and industry. **Extended submission deadline: 15 March 2023**

Area H: Materials for Circularity and Sustainability

H02: Financing and Business Models for Circular Economy

This symposium discusses recent innovations in the field of circular business models and their dissemination in an interdisciplinary manner. It welcomes both practitioners and members of the academic community. To represent the diversity of approaches, a broad definition of circular business models is applied, comprising all business solutions aimed at improving the circularity of resource use along the life cycle stages of a product. This can involve, amongst others, solutions for the following stages:

- Product design: Solutions aimed to improve the longevity, durability, or recyclability of products
- Manufacturing: Solutions to substitute non-renewable with renewable inputs to foster the re-manufacturing of used product components
- Retail: Solutions to organize/stimulate the re-use of products
- Use: Product sharing models, products-as-a-service models, repair services
- Waste disposal: Solutions to enhance waste collection or sorting
- End-of-life treatment: Solutions to increase resource recovery (recycling, composting, energy recovery, etc.)

Presenters are allowed to address this subject area from different angles. First, they could present specific business solutions (ideas, start-ups) by highlighting their economic viability, their market environment, and their contributions to the societal goals of circularity and sustainability. Second, they could discuss financing instruments designed to promote the dissemination of business solutions in this field. Or third, they could provide a general overview of opportunities and barriers concerning the market penetration of circular business solutions in certain life cycle stages, covering aspects related to technology (readiness, cost structure), consumer preferences (attitudes, sentiments), or regulation (EU, national legislation).

Symposium Organizer



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