

METAL MATRIX NANO-COMPOSITE COATINGS UTILIZATION AS ALTERNATIVE TO HARD CHROMIUM

4th Press Release

MOZART at the IRISS' SSbD Workshop

MOZART participated in the IRISS SSbD Workshop signifying a collaborative effort towards advancing **Safe-and-Sustainable-by-Design (SSbD)** practices globally. The workshop was organized by IRISS- an initiative which serves as a platform for stakeholders, including businesses, researchers, and policymakers, to come together, share insights, and collectively work towards a more sustainable and environmentally friendly industry.

At the core of SSbD are principles such as circularity, climate neutrality, functionality, and safety throughout the entire life cycle of materials, products, and processes. IRISS, through its active promotion of SSbD practices, aims to foster connections and synergy within the SSbD community, aligning with the broader goal of creating a sustainable industry.

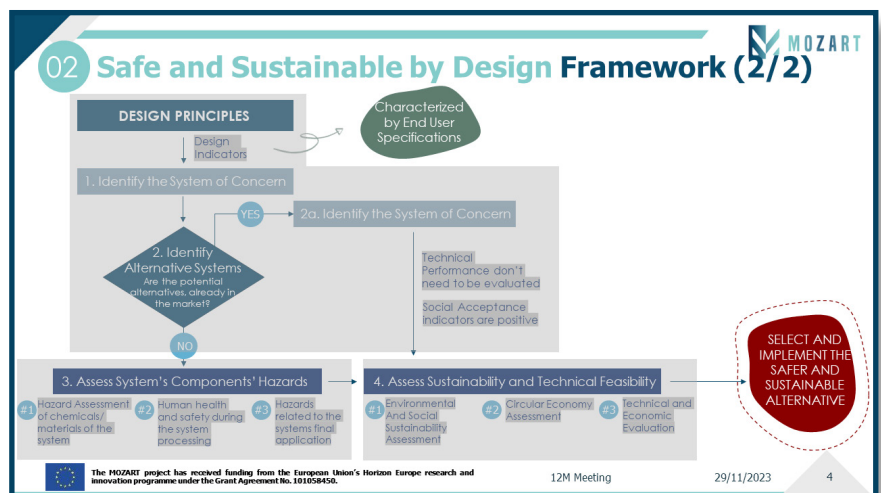




For MOZART, the workshop provided a strategic opportunity to contribute its perspective and approaches to safe and sustainable design practices. MOZART advocates for the integration of its technologies into the industry and supports the adoption of SSbD frameworks. To facilitate this, MOZART is developing a web-based Decision Support Tool (DST). This tool incorporates optimization-based mathematical modeling and ontology theory to guide industrial end-users in selecting optimal coating types and various production parameters. These parameters include considerations like the type of current, its density, and the chemistry bath.

The DST from MOZART aims to empower end-users in implementing Safe and Sustainable technologies effectively. By aligning products, materials, and processes with the SSbD concept “by-Design,” the tool supports industry players in making informed decisions that contribute to a more sustainable and environmentally conscious approach.

In essence, MOZART’s participation in the IRISS SSbD Workshop demonstrates a commitment to advancing the principles of SSbD in the industry through technological innovation and the development of practical tools for decision-makers. This collaboration reflects a shared dedication to creating a more sustainable and responsible future for the industry at large.



#MOZART



Discover more about the MOZART SSbD [here!](#)

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