

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

2nd Press Release Consortium meeting in Athens

On September 26th and 27th, 2022, the MOZART consortium attended the month 4 (M4) project meeting in Athens co-hosted by our partners National Technical University of Athens (NTUA) and Creative Nano (Cnano). The partners had the opportunity to know each other in person and to present the progress of their activities until the 4th month of the project.

In the meeting, the 15 partners of MOZART discussed technical aspects of the project related to the next steps towards the challenge of making the plating process greener and safer by replacing hard chromium using the Safe and Sustainable by Design (SSbD) approach. All Work Package (WP) and

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task leaders presented their work progress and planning for the next months.

At this stage of the project, the main effort is concentrated in 2 WPs:

WP2: Specifications & Requirements based on SSbD strategy, which submitted the deliverable D2.1 Specification & Requirements report at the end of September (month 4); and

WP8: Dissemination, Exploitation & Communication activities, which is submitting the Plan for Exploitation and Dissemination of Results, including Communication & Intellectual Properties Rights (deliverable D8.1) by the end of November (month 6).





Consortium meeting in Athens, 26th - 27th of September 2022

Furthermore, **WP1: Management & Coordination** and **WP7: Sustainability assessment and market replication** started running in M4, and both will last until the end of the project (month 42):

- WP1 is essential and its main target is the smooth implementation of the project. It includes planning, organization and review of management, activities, financial and legal aspects.
- WP7 scope is to assess the implementation of SSbD based on ECHA's guidelines, as well as on Life Cycle & Life Cycle Cost (LCA/LCC) analysis and recyclability assessment. It has 5 tasks and 3 began at the 1st month of the project: <u>Task 7.2</u>: Life Cycle & Life Cycle Cost Analysis, led by <u>NTUA</u>, <u>Task 7.4</u>: Pro-normative research and standardization, led by <u>ASFIMET</u>; and <u>Task 7.5</u>: SSbD decision support tools for coatings selection, led by <u>AXIA</u>.

By the end of the 1st day, a citizen engagement event was organized by our partner <u>Creative Nano</u>, where MOZART and its sister project <u>FreeMe</u> were disseminated, together with the <u>Pure Nano</u>, <u>SABYDOMA</u>, <u>NanoPat</u>, and <u>3Dplate</u>. The projects have some of the consortium members in common and also deal with aspects related to sustainability and circularity. In



the event, the partners had a pleasant dinner where they could not only celebrate the project's achievements until now, but also exchange opinions regarding MOZART and reinforce the relationship between the participant organizations.



On the 2nd day, the meeting continued at the Cnano premises, where all partners also visited Cnano facilities to get to know on site the plating lines that will be used to produce the novel nanocoatings. More productive discussions followed on how to pull consortium's resources and expertise to achieve the project's objectives.

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#MOZART

The MOZART consortium ended the meeting looking forward for the next steps of the project!



