

Welcome to the Sixth DOME 4.0 Newsletter!



DOME 4.0

DOME 4.0
Newsletter N°6

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We are pleased to announce the publication of the sixth issue of the DOME 4.0 newsletter. If you are interested in industrial data and digital marketplaces, you are at the right place!

DOME 4.0 is a 4-year Research and Innovation Action (RIA) from 2020 to 2024 funded under Horizon 2020 focusing on developing a comprehensive industrial data ecosystem aligned with the Open Science and Open Innovation objectives to enable sharing of business-to-business (B2B) data for the purpose of value generation and creation of new or enhanced products, processes, and services.

DOME 4.0 will be open to all providers and users of data, and aims to facilitate maximum

knowledge extraction with the help of ontology-driven semantic data interoperability and modern data processing technologies adopted from the fields of Machine Learning (ML) and Artificial Intelligence (AI). These features are crucial to scale and advance the proposed ecosystem to any sector of the economy. Given the significant contribution of the materials and manufacturing sectors to the European economy, DOME 4.0 focuses on data-driven knowledge generation within these key sectors.

STAY TUNED

Stay updated on all our latest news, developments, research and general information regarding the DOME 4.0 project.

PROJECT INFORMATION

Digital Open Marketplace Ecosystem (DOME) 4.0

Grant Agreement ID: **953163**

Start Date: **December 1st, 2020**

End Date: **November 30th, 2024**

Coordinator: **COMPUTATIONAL MODELLING CAMBRIDGE LIMITED (CMCL)**

✉ @DOME40_H2020 in



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 953163.

Visit our website: www.dome40.eu

DOME 4.0: Achieving Project Goals Through Strategic Dissemination, Communication and Liaison

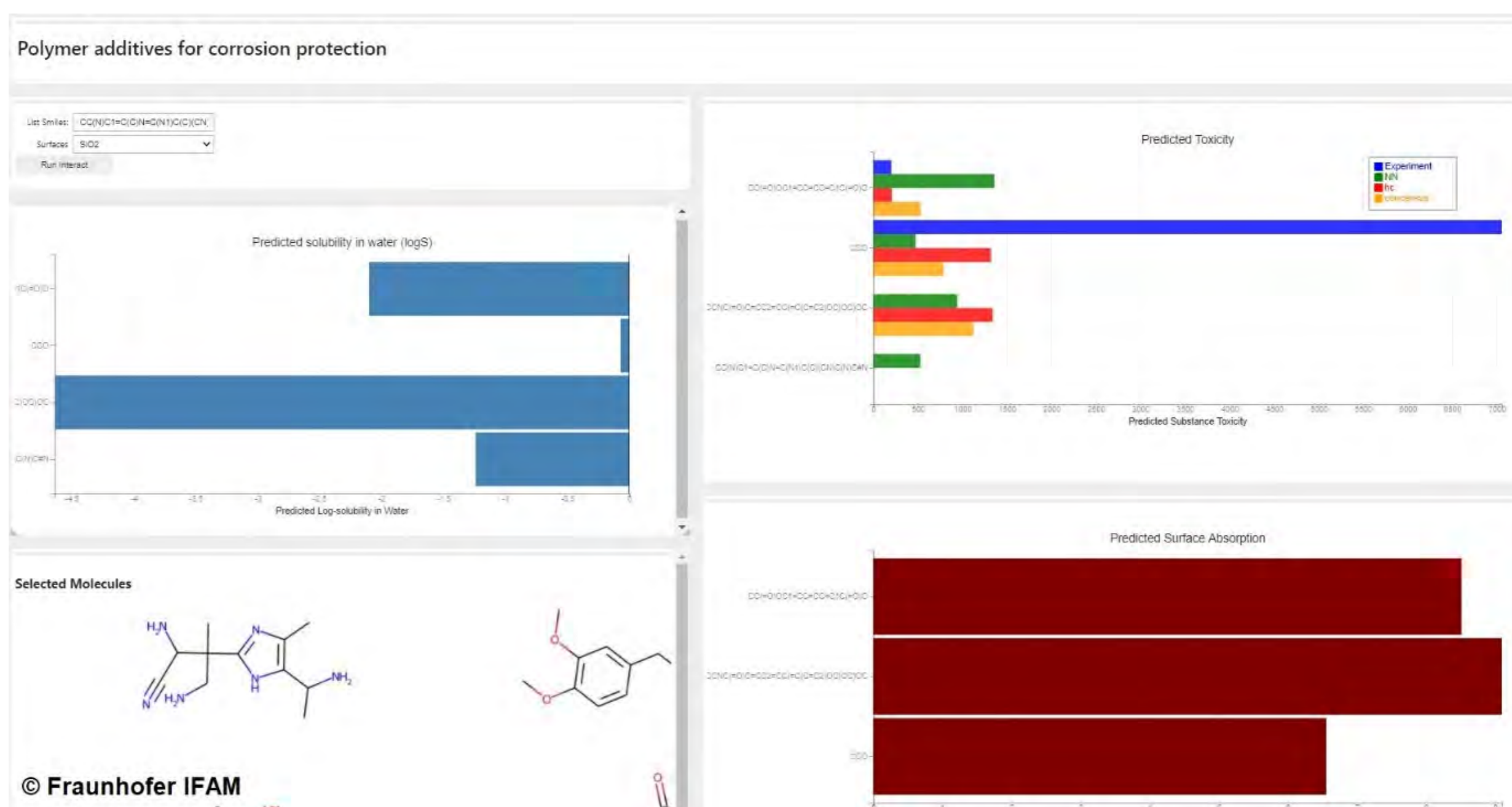
WP6 of the DOME 4.0 project in order to achieve its KPIs followed a multifaceted approach to develop a strong Dissemination, Communication and Liaison (DCL) strategy. This strategy functioned as the central nervous system, coordinating all efforts to effectively reach target audiences. A broad communication and dissemination plan was established, outlining the development of marketing materials, a social media presence, and content creation for the project website and publications.

This DCL plan wasn't a one-size-fits-all approach. Partner as Netcompany-Intrasoft responsible for the DCL work package of the project, spearheaded the creation of marketing materials, social media strategy, and content specifically tailored for the project website and scientific publications and coordinated all the relevant activities within the work package and across the entire project. The DOME 4.0 website serves as a central hub, while social media platforms fostered real-time engagement. Articles in industry magazines and publication of papers in well recognized journals ensured the project's findings reached the targeted audience as well as the academic community. Workshops, conferences, and industrial engagement events like open days and hackathons provide valuable platforms for direct interaction with stakeholders, including industry partners and standardization bodies.

WP6 prioritized stakeholder engagement throughout the project lifecycle. This fostered a collaborative environment where knowledge exchange thrived. Project findings and methodologies were made readily accessible through publications, training materials, and webinars. This not only benefited the scientific community but also empowered potential end-users with the necessary knowledge to leverage the project's outcomes.

Finally, the success of the communication and dissemination strategy hinged on close tracking of key performance indicators (KPIs). With the active engagement of the consortium with the DCL plan and by constantly monitoring these metrics, the project team was able to gauge the effectiveness of their efforts and make adjustments as needed. This ensured that the DOME 4.0 project achieved high visibility and successfully disseminated its results to a broad audience.

SHOWCASE: Polymeric additives for corrosion protection



In showcase 3, [Fraunhofer IFAM](#) is working on a Cheminformatics approach for an accelerated development of polymeric additives for corrosion protection. The data required for the development of new polymeric additives is usually scattered across many diverse sources (databases, simulations, hazard information, experiments). By collecting and integrating useful information/data during the development process of polymeric additives, this showcase can demonstrate how to select promising development routes easily.

Within the showcase, data from different sources are linked with data analysis tools to accelerate the selection of suitable chemical formulations. The workflow allows to access and visualize various relevant data such as physico-chemical data, GHS and toxicology data and predictions of water solubility and surface adsorption.

[Link of the video](#)

[Learn more](#) about our showcases

News



DOME 4.0: 2nd Review Meeting Of DOME 4.0

On January 25th, the DOME 4.0 project had its 2nd review meeting, at the premises of Netcompany-Intrasoft in Brussels, Belgium. The meeting was held in person and served as a crucial checkpoint to evaluate the progress made during the project's second phase, spanning from M19 to M36.

[Read more](#)

DOME 4.0 On Digital Twin Conference 2024

In today's world, where environmental concerns are paramount, the need for effective air quality monitoring has never been greater. The [CMCL](#) has been at the forefront of addressing this challenge through innovative data-sharing initiatives.

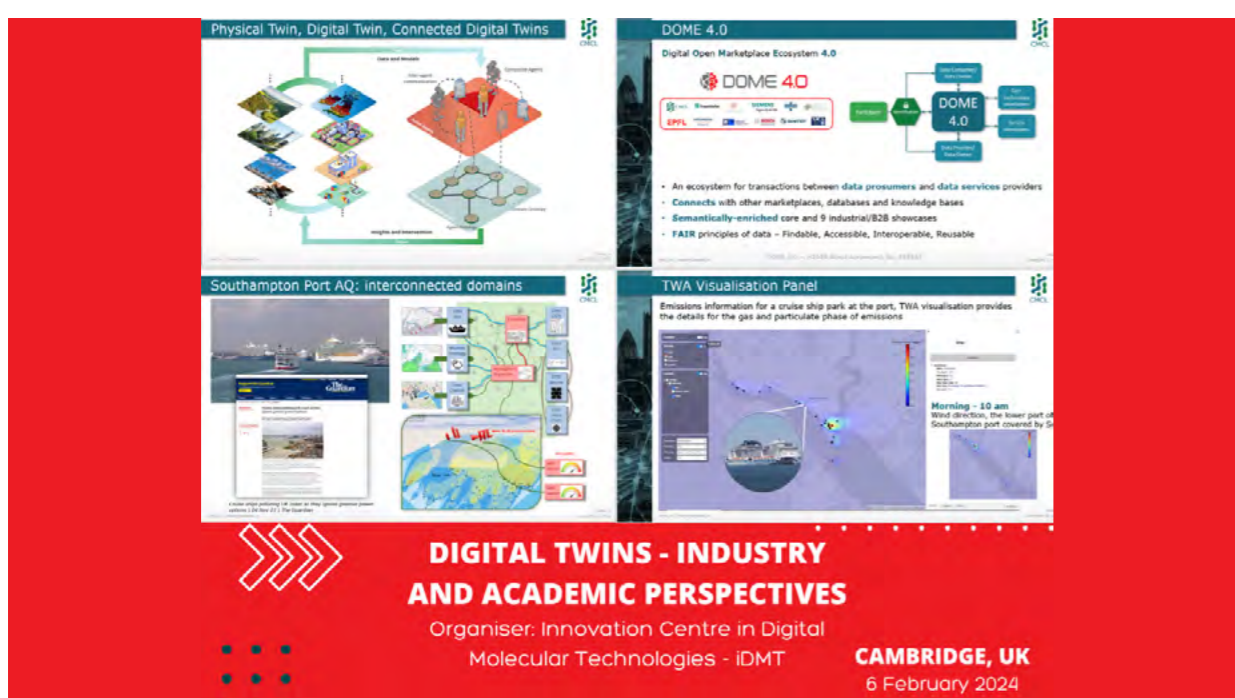
[Read more](#)



DOME 4.0 On IDMTs Fifth Lecture in The Current Series




Digital twins, a cutting-edge technology with vast potential in both industry and academia, took center stage at the recent [IDMT](#) Lecture Series held on Tuesday, February 7th, 2024.

[Read more](#)



Events

DOME 4.0 At The 4th EMMC International Workshop

 **DOME 4.0**
**EMMC-ASBL
MEETING**
**MAY
7
2024** 
Cambridge, UK 

The DOME 4.0 project participated in the [EMMC-ASBL's](#) 2024 Annual General Meeting (AGM) held on May 7th in Cambridge, UK. As the project coordinator, [CMCL](#) actively represented DOME 4.0 during a dedicated members-only session.

[Read more](#)

Blog Posts

DOME 4.0 blog: How we are making a difference with our project

We invite you to read the blog posts that our project partners have written about their experiences and insights from working on DOME 4.0. The blog posts cover various topics, relevant to the project and they will give you a glimpse into the DOME 4.0 project.

- [DOME 4.0: Launching Lhumos, A Powerful Tool for Showcases And Tutorials](#)
- [DOME 4.0: Enabling Data Interoperability In Maritime Air Quality](#)



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