DOME 4.0 Industrial Engagement Open Day and Hackathon to Showcase Cutting-Edge Industrial Data Ecosystem

The DOME 4.0 project is set to revolutionize knowledge creation and data sharing across materials to manufacturing value chains with its semantic industrial data ecosystem. To mark this significant development, DOME 4.0 is proud to announce the Industrial Engagement Open Day and Hackathon, taking place on **January 17-19, 2023, in Bologna, Italy**.

The DOME 4.0 project aims to provide a formal, ontology-based documentation for both open and confidential data spaces, facilitating seamless data sharing and collaboration across industries. The project offers a multi-sided digital ecosystem that caters to heterogeneous data, tools, and services applicable to a wide range of sectors.

The **Industrial Engagement Open Day, scheduled for January 17**, offers a unique opportunity for attendees to gain insights into data documentation, data management, and data-centric practices in industrial organizations. Participants will have the chance to engage with leading practitioners from industrial R&D and explore novel business models being investigated within the DOME 4.0 project. The objective is to foster active collaboration with industrial partners and established corporate networks, both within and outside the consortium, to support the further development of proposed digital ecosystem solutions.

Furthermore, the Industrial Engagement Open Day will facilitate discussions on the existing challenges and gaps faced by the industry in knowledge representation, data sharing, and data management. The valuable input gathered during this event will directly contribute to the subsequent two days of the Hackathon, scheduled for January 18-19. In collaboration with the sister-project SimDOME, the Hackathon will focus on technical debates, presentations, and hands-on sessions addressing key aspects such as vocabularies, semantic enrichment, standardization, and cross-sector data interoperability.

The event will take place at the state-of-the-art premises of BI-REX, located at Via Paolo Nanni Costa 20, 40133 Bologna, Italy. Attendees will have the opportunity to participate in the Industry Open Day, featuring presentations from industry experts across various sectors such as steelmaking, fast-moving consumer goods, battery materials, and recycling. Additionally, attendees will have the chance to explore the facilities through a guided tour and an exhibition showcasing cutting-edge technologies.

The **Hackathon**, organized by DOME 4.0 in partnership with SimDOME, will comprise four thematic sessions, each focusing on different aspects of ontologies, data sharing, and industry commons. Experts will discuss the creation of knowledge graphs, semantic enrichment of data, and the application of FAIR (Findable, Accessible, Interoperable, Reusable) principles.

To register your interest in the event, please visit the following link: https://bit.ly/3OaUgmo

Join DOME 4.0 at the Industrial Engagement Open Day and Hackathon to be part of the future of industrial data ecosystems.

For more information and updates, please visit the official website: DOME 4.0

About DOME 4.0

The DOME 4.0 project aims to develop a semantic industrial data ecosystem, offering knowledge creation and data sharing across materials to manufacturing value chains. By leveraging a formal, ontology-based documentation, DOME 4.0 provides a multi-sided digital ecosystem that caters to heterogeneous data, tools, and services applicable to various sectors.

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