



DOME 4.0

Deliverable D4.3 - “Demonstration of the showcases on the DOME 4.0 ecosystem”

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Project Profile

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Document History

Version	Date	Author	Remarks
V1.0	May 17, 2024	Adrien Scheuer (SISW)	Initial sketch
V2.0	June 25-27, 2024	Adrien Scheuer (SISW)	Section 1 polished + First contributions from SC Owners added
V2.1	June 28, 2024	Jörg Hohe (FHG)	Review
V2.2	June 28, 2024	Adrien Scheuer (SISW)	Revisions based on review
V3.0	June 28, 2024	Amit Bhave (CMCL), Bijan Yadollahi (CMCL)	Minor revisions
V3.1	June 29, 2024	Willem van Dorp (UNR)	Final check, minor revision

Publishable Summary

This deliverable details the integration and execution of nine B2B showcases within the DOME 4.0 ecosystem, highlighting its salient features and versatility across various industrial and scientific sectors. The showcases, spanning fields from marine and environmental science to smart manufacturing and materials science, demonstrate the platform's capability to drive innovation and improve interoperability.

The showcase execution was approached in three stages: offline execution to gather datasets (D4.1 & Milestone 3), preparation for online execution (D4.2), and final implementation on the DOME 4.0 platform, covered in this deliverable.

Users can access the showcases via a dedicated "Showcases" page on the platform and explore their interactions with the DOME 4.0 platform. Additionally, showcases can be discovered in the DOME 4.0 marketplace search results for those identified as interesting data sources or tools/services.

This deliverable provides detailed user stories and demonstrations for each showcase, reflecting their varying degrees of digital maturity and integration. It captures the onboarding status as of June 2024, marking a significant step forward in the DOME 4.0 project.

6. Acknowledgement

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Project partners:

#	Type	Partner	Partner full name
1	SME	CMCL	Computational Modelling Cambridge Limited
2	Research	FHG	Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung E.V.
3	Research	INTRA	Intrasoft International SA
4	University	UNIBO	Alma Mater Studiorum – Università di Bologna
5	University	EPFL	Ecole Polytechnique Federale de Lausanne
6	Research	UKRI	United Kingdom Research and Innovation
7	Large Industry	SISW	Siemens Industry Software NV
8	Large Industry	BOSCH	Robert Bosch GmbH
9	SME	UNR	Uniresearch B.V.
10	Research	SINTEF	SINTEF AS
11	SME	CNT	Cambridge Nanomaterials Technology LTD
12	University	UCL	University College London



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