



DOME 4.0

Deliverable D3.4 - “Connector ecosystem”

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Project Profile

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Publishable Summary

A set of connectors to external data platforms has been developed and delivered on the platform. They allow DOME 4.0 users to access information and data hosted on these platforms directly from within DOME 4.0. The source of the information including the address and reference to the originating platform is also provided to the users who then have the option to either access the data on DOME 4.0 or to go directly to the hosting platform. In this way, DOME 4.0 created an open and interconnected set of platforms covering a plethora of domains and fields, spanning from materials science and engineering, manufacturing and equipment, emission, air quality, vehicle (ship) tracking, composite engineering, and materials modelling on all scales. Both proprietary, business hosted data as well as open platforms are included. There are currently a total of 23 platforms, including those providing services and tools integrated. An open SDK for development of new connectors as well as plugins have been made available to support the ecosystem expansion in the future. The connector technology is also registered as a basic connector with the International Data Spaces Association.

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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