



# DOME 4.0

## Deliverable D1.2 - “Use case, persona and requirements registry”

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## Project Profile

<b>Programme</b>	Horizon 2020
<b>Call</b>	H2020-NMBP-TO-IND-2020-twostage
<b>Topic</b>	DT-NMBP-40-2020 Creating an open marketplace for industrial data (RIA)
<b>Project number</b>	953163
<b>Acronym</b>	DOME 4.0
<b>Title</b>	Digital Open Marketplace Ecosystem 4.0
<b>Start Date</b>	December 1 <sup>st</sup> , 2020
<b>Duration</b>	48 months



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## Publishable Summary

DOME 4.0 is a diversified, multi-functional platform that aims to promote collaborations among various partners across a wide range of industries. The essence of the successful development of a digital smart platform product lies in the core understanding of its user's backgrounds and crucial needs. DOME 4.0 followed this direction and heavy investigations were conducted for all use cases for the chosen industrial cases. The analysis mainly took from the perspectives of the user and provider, identifying the background, and participant's goals as foundations, to build user stories and use cases that define the technical requirements for the platform. During the investigation, attention was drawn to investigating the real needs of each industrial showcase. This goal leads to the carrying of a large amount of interviews with various industrial showcase partners to point out their industrial bottle-neck issues and picture they would solve them through interacting with DOME 4.0. In the end, we were able to identify all crucial use cases associated with each showcase and generated valuable technical requirements for the DOME 4.0 to grow upon. These will be reflected in future versions of DOME 4.0.

## 8 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



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