



Open Model

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D8.3 - ESTABLISHMENT OF EXTERNAL ADVISORY BOARD (EAB)

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ABSTRACT

This current deliverable (D8.3) aims at reporting the establishment of the external advisory board (EAB). The EAB represents the major tool for cooperation in this project. As an instrument, the EAB provides the coordination of cooperation between all the relevant stakeholders from marketplaces, OTE, ITB, OntoCommons CSA and characterization networks. Furthermore, the EAB contributes to the establishment of a wide agreement on standards as well as specifications regarding data and ontologies. This report presents the list of experts invited to take part in OpenModel EAB as well as their respective expertise.

CHANGE HISTORY

Version	Date	Comment
0.1	2021-03-05	First Draft
0.2	2021-03-10	Second Draft, inviting the selected members to join the OpenModel EAB
1.0	2021-03-31	Final
1.0	2023-01-24	Request from EC added (acknowledgment change)

DISSEMINATION LEVEL

PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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1 INTRODUCTION AND OBJECTIVE OF THIS DELIVERABLE

The aim of OpenModel is to provide an integrated open access material modelling platform. Key Performance Indicators defined by Industrial Success Stories will be ensuring the adaption of advanced techniques. OpenModel will be built around these KPI's. Thereby the development cycles for new products and materials can be shortened.

The close cooperation with the European Commission requires the effective implementation of the project, following guidelines from the Commission, the Project Grant Agreement (GA) and the Consortium Agreement (CA). The GA of OpenModel includes the implementation of a successful External Advisory Board (EAB).

As part of work package 8, more specific within T8.1, OpenModel aims at the establishment of an external advisory board (EAB). This tool provides the cooperation with relevant stakeholders to facilitate the interoperability and the cooperation within the partners and the project. The Executive Committee of OpenModel appointed the EAB members. All the decisions made by the General Assembly should be facilitated with the EAB. The Consortium Agreement (CA) of OpenModel comprises an NDA template to be signed by the EAB members in order to keep all the activities concerning the purpose in accordance with this EAB confidential.

In addition, the EAB will be an important tool for the work within work package 7 (Cooperation and Exchange). WP7 will ensure strong interaction with all initiatives that are key to building an integrated materials development environment. According to the needs and developments in OpenModel further members might be invited to join the OpenModel EAB.

The objective of this deliverable D8.3 is to report the process for the establishment of the External Advisory Board as a tool to enable an effective cooperation between the stakeholders and the partners of the OpenModel project. Furthermore, within the work in T8.1 the NDA signature procedures are led by Fraunhofer to assure confidentiality and allow exchange of information among OpenModel project and the assigned EAB members.

2 THE EXTERNAL ADVISORY BOARD (EAB) MEMBERS

The coordinator contacted all the 14 beneficiaries for suggestions of members for the External Advisory Board. Potential members for the EAB were selected in agreement with all partners. The selected members were invited and the list of these can be found below (Table 1). Most of the colleagues invited confirmed to accept joining the OpenModel EAB, as soon we have all feedback we will start the next step which is to sign the NDA. Considering this current report is a public document the member names and their respective addresses are not presented due to GDPR-related concerns.

Table 1: List of selected EAB members and their respective expertise

	Institution	Type (SME, Large industry, RTO, University)	Expertise/Role
1.	Cognitive ST (Germany)	SME	Data Driven Models, machine learning methodologies/ artificial intelligence
2.	University of Augsburg Institute of Materials Resource Management And Nanoplexus.co.uk	University, SME	Research on Additive Manufacturing; Complex Materials; Materials for Demanding Environment; Connection to industry applications (Nanoplexus)
3.	ASCO	Large Industry	Design and Manufacture of High Lift Devices, Complex Mechanical Assemblies and Major Functional Components for the Aerospace Industry, CO2 expertise, support for Success story
4.	CNR-IOM Istituto Officina dei Materiali	RTO	Multiscale Simulation of Complex Systems, Computer Science, Materials Simulation, First Principles
5.	ACCIONA	Large Industry	Innovative Producer of Concrete Success story 3 (CIVIL ENGINEERING – ALUMINIUM-REINFORCED CONCRETE)
6.	Dykerhoff GmbH	Large Industry	International Producer of Cement and ready-mixed Concrete, Construction-related Consulting Success story 3 (CIVIL ENGINEERING – ALUMINIUM-REINFORCED CONCRETE)

	Institution	Type (SME, Large industry, RTO, University)	Expertise/Role
7.	Siemens Energy	Large Industry	Chief Key Expert Energy Technologies, Surface Chemistry, Physical Chemistry, Optics and Gas Solid Interfaces, Chemical Optical Systems, Energy Generation, Energy Transfer, Industrial Solutions for conventional and regenerative Energy Supply Success story 6 (FUEL CELL TECHNOLOGY)
8.	NORDIC — OFFICE OF ARCHITECTURE Norwegian university of science and technology	Large Industry, University	Innovative design (3D modelling, visualization and simulation) and use of concrete in constructions. Success story 3 (CIVIL ENGINEERING – ALUMINIUM-REINFORCED CONCRETE)
9.	ACCESS e.V.	RTO	Ontologies, Integrated Computational Materials Engineering (ICME), Interoperability, Simulation Platforms Connection to EMMC, EU project MarketPlace, EAB OntoCommons, task force on “Simulation Platforms” of the DGM
10.	Czech Technical University in Prague Faculty of Civil Engineering	University	Development of Open Source, General Purpose, Multiphysics, Object-oriented Finite Element Code OOFEM, Dynamic Load Balancing on Heterogeneous Parallel Architectures, Multiscale Modeling and Multiscale Casting Simulations of Concrete, Multi-Physic Integration Framework Connection to BDSS Projects (CompoSelector)
11.	The High Performance Computing Center Stuttgart (HLRS) Affiliated to University of Stuttgart	RTO/University	Ontologies, Computational Data Science, High Performance Computing, Research Data Infrastructure Connection to OntoCommons, HPC Services
12.	UKRI (UK Research and Innovation)	RTO	Ontologies, Semantic Application Development in Molecular Simulations, HPC Software Engineering Research, Properties and Thermodynamics of Solid State Materials as well as Soft Matter

	Institution	Type (SME, Large industry, RTO, University)	Expertise/Role
	Science and Technology Facilities Council		Connection to UKRI STFC, Hartree Center, HPC
13.	OSTHUS GmbH/ Zontal GmbH	SME	Connection to VIMMP project, Zontal space.
14.	TU Wien	University	<p>Material Modelling, Characterisation and Process Development (e.g. for Photovoltaic Applications and Physical Microsensors), Chair and Member of Organisational Management Board in EMMC. Within EMMC-CSA Project Coordinator and Leader of Dissemination and Stakeholder Integration Activities. Co-founder of EMMC ASBL, EMMC ASBL President and Member of Board of Directors</p> <p>Coordinator of important related projects like OntoTrans and OntoCommons.</p>

3 LEGAL STEPS TO SHARE OPENMODEL CONTENT

A Non-Disclosure-Agreement (NDA) will ensure the covering of confidential information concerning the purpose in accordance with this External Advisory Board. In the frame of the NDA the EAB members need to keep the confidential information in strict confidence. It is anticipated to not communicate, disclose or in any way divulge any information regarding this project to a third party. The NDA format is part of the OpenModel Consortium Agreement and the full text can be found in the attachment of the OpenModel CA.

4 ACKNOWLEDGMENT



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