



openDBL

Improving Buildings is Improving EU

D4.7
Knowledge Sharing Plan
M12

Disclaimer and acknowledgements



Funded by the European Union

This Project has received funding from the European Union's Horizon Europe research and innovation program under the grant agreement No. 101092161.

Disclaimer

The content of this document reflects only the author's view and do not necessarily reflect those of the European Union or HADEA. Neither the European Union nor the granting authority can be held responsible for them.

Copyright message

©openDBL Consortium. The deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both. Reproduction is authorized provided the source is acknowledged.

Acronym	openDBL		GA No. 101092161
Full Title	ONE STEP OPEN DBL solution		
Call	HORIZON-CL4-2022-TWIN-TRANSITION-01		
Topic	HORIZON-CL4-2022-TWIN-TRANSITION-01-09	Type of action	HORIZON Innovation Actions
Project coordinator	CETMA		
Deliverable	[D4.7] [Knowledge Sharing Plan – M12]		
Document Type	[R]	Dissemination Level	[PU]
Lead beneficiary	in2it		
Responsible author	[Mario Caputi (in2it)]		
Additional authors and contributors	[in2it]		
Due date of delivery	[31/12/23]	Submission	[30/12/23]

Document information

Document history			
Issue	Date	Comment	Author
V1.0	[30/06/2023]	[First Version]	[M. Caputi – Responsible]

Approved by:			
Issue	Date	Name	Organisation
V2.0	[29/12/2023]	Italo Spada	CETMA

1 Contents

1	Introduction	7
1.0	openDBL Project summary	7
1.1	Mapping openDBL outputs	7
1.2	Deliverable Overview and Report Structure	8
2	Knowledge Sharing Plan.....	10
2.1	Channels Planned (2023-2025)	10
2.2	Channels Done (2023).....	10
2.3	Overall Picture	11
2.4	Details of the Events done.....	12
3	KSP 2024 (Next Activities)	13
4	Conclusions	14
5	Disclaimer.....	14

List of Tables

Table 1:	Glossary of terms and acronyms used.....	5
Table 2:	openDBL work description	9

List of Figures

Figure 1:	Channels Planned (Baseline 2023-2025).....	10
Figure 2:	Channels done (Actual as per 31.12.2023)	11
Figure 3:	KSP actual (status 31.12.2023)	12
Figure 4:	Planned Activities until 31.12.2024.....	13
Figure 5:	Detailed Calendar event (as per 31.12.2023)	14

Glossary of terms and acronyms used

Table 1: Glossary of terms and acronyms used

Acronym/Term	Description
BIM	Building Information Modeling
KS	Knowledge Sharing
KSP	Knowledge Sharing Plan
KSP Methodology	The methodology designed to orientate, facilitate and monitor the KS activities of our Partners
Project	openDBL

Executive summary

Subject of the deliverable: The deliverable defines an update of openDBL KSP v.1.1.0, listing the events held in the past six months and delining the schedule for the next project year (2024).

Purpose of the deliverable: The purpose of this document is to check the progress of activities related to the KSP and verify that the planned events actually cover the project goal (the defined KPIs) by listing the events already held and planning the next year's activities.

Summary of the work carried out: The partners defined a series of events grouped according to the channels identified and reported the events in which they participated individually or together.

A summary and review of the actual coverage of the first six months of the plan was made and a new schedule for next year was defined.

Main Conclusions: We are currently slightly behind the overall planning; however, we remain confident that we will accelerate in the second half of the year, thanks to the outcomes of the pilots in RUV and MIS, which will be properly communicated through various channels.

1 Introduction

1.0 openDBL Project summary

openDBL intends to integrate multidisciplinary know-how to cover the requirements of the Call and solve the issues of the current situation in the area. The challenge of the Project is to allow, through the development of openAPI, the disposal of openDBL in a unique standardized platform and create useful content, to simplify the workload of the AECO industry.

The Project pursues 3 objectives: 1) create a DBL with useful content and functionalities, 2) ensure openDBL is simple to use, reducing the time spent to upload, search and process the information and data to facilitate usage and gain wide adoption, 3) ensure attractive economics, through value propositions and convenient pricing.

The Project will provide any users with an integrated platform for their digitization needs; ensure that information and data comply with the latest trends and needs of our target clients and support the EU's circular economy and green policies; develop automatic classification systems and data standards; facilitate the operation and maintenance activities of the buildings. This will be achieved through the creation of an Information Delivery Manual and a Data Model. openDBL will support data matching with external databases and will integrate state of-the art technologies (AI, Blockchain, IoT and VR).

Our ambition is to make openDBL the platform of reference for the monitoring of building consumption, transparencies of transactions and official documents, and the positive impact on maintenance and environment. We will define an appropriate business model for the users to subscribe and for the consortium partners to make it economically viable.

1.1 Mapping openDBL outputs

To reach its goals openDBL is divided into 6 WPs with different tasks and deliverables.

The main objective of WP4 is to conduct targeted, effective and high-impact communication, and outreach activities of Project results. Main objective is the dissemination and sharing of the Project's results, information and findings with end-users, stakeholders and other relevant parties.

As specific objectives, WP4 aims to:

- Delivering tailored communication & awareness actions to specifically targeted audiences.
- Promoting the Project and its outputs to the largest possible audience, maximizing the expected impacts of openDBL.
- Iterative assessment and improvement of communication activities during the Project implementation through the periodic monitoring and analysis of this KSP.
- Implementing and following a dedicated stakeholder engagement strategy.
- Defining the Dissemination Plan.
- Implementing dissemination actions, including networking & clustering.
- Defining the transferability of the Project's results and its further use by all Partners.

1.2 Deliverable Overview and Report Structure

The objective of this Deliverable is to track the progress of the KSP by checking partners' coverage of identified communication events and dissemination channels.

By keeping an updated calendar of events done and summarizing their content we verify what has been delivered versus the defined KPIs and communicate with each partner the outcomes of their dissemination activities within a given period.

Once past performance is verified (June-December 2023), we have compare baseline vs. actual to monitor what has been achieved and what needs to be carried on. Finally, we have created a new calendar for the next reporting period (January-December 2024).

Table 2: openDBL work description

openDBL GA Component Title	openDBL GA Component Outline	Respective Document Chapter(s)	Justification
DELIVERABLE			
<i>D[4.7]</i> <i>[Introduction Chapters]</i>		2.1	Deliverable 4.7 indicates how each Partner acted to share the knowledge acquired during the first year of Project.
ACTIVITIES			
<i>T[4.3]</i> <i>[Knowledge Sharing Plan]</i>			Ultimate goal of KSP is to be the reference Guide for the Consortium Partners and a “living” document to organize their work with the goals described herein.

2 Knowledge Sharing Plan

2.1 Channels Planned (2023-2025)

Each partner, with its planning activities, contributes to the overall baseline, which constitutes the KPIs of the openDBL project in terms of KSP. At this link ([KS Coverage Matrix](#)) we published the overall planning, whose screenshot is shown below.

Partners	KS Channels (planned)																				
	Project Reports and Deliverables	Publications (Peer reviewed)			Publications (Non-Scientific)						Events (Demos, Exhibitions and Pilot Spotlight Sessions)						Business Conferences and Trade Fairs				
	Public Repositories	Journals	Magazines	Conferences on digital transformation	Technical blog posts	Articles	Brochures	Book chapters	Reference from technology providers (bottom-up)	Reference on use case domains (top-down)	Workshops	Demos	Webinars	Exhibitions	Focus groups	Hackathons	Summer school	European business conference	Trade fairs	Presentations and Talks	TOTAL
CETMA						1						1	1	1			1			3	8
AMTP						2					2		1	1			1			3	10
ASRO						2														6	8
CEM											1		2	2			2			2	9
DIGI																					0
DOR						1					1	1		1					1		5
EDI		3									1	1	1					2		6	14
EM					2	4					1	5					1			1	14
IABI		2											6		3					4	15
IN						1	1	1									1			1	5
KIF																					0
MIS											1		2							1	4
RUV						1	1				1	1									4
Total	0	5	0	0	2	12	2	1	0	0	8	9	13	5	3	0	6	2	1	27	96

Figure 1: Channels Planned (Baseline 2023-2025)

Scope of this table is to:

- document the KS activities chosen by each partner
- define their responsibilities / contributions in achieving their KPI
- facilitate an immediate comparison between what has already been planned and what still needs to be accomplished.

2.2 Channels Done (2023)

We have monitored the KS channels used by each partner in the last 6 months and created the following summary tab.

Partners	Channel category	Channel type	Event Name	Date	Comments
CETMA	Business Conferences and Trade Fairs	Conference	CETMA-DIHSME - Innovative services for Sme's	June	Networking and discussions around the latest technologies such as BIM, Cyber Security and Artificial Intelligence
ASRO	Business Conferences and Trade Fairs	Presentation	Eurocodes standardization community meeting	October	
EM	Business Conferences and Trade Fairs	Presentation	Linked Building Data Group W3C	October	EM and IABI have presented the openDBL Project and the functionalities of the platform to the Linked Building Data Group W3C
IABI	Business Conferences and Trade Fairs	Presentation	Linked Building Data Group W3C	October	EM and IABI have presented the openDBL Project and the innovative AI based Mapping concept to the Linked Building Data Group W3C
ASRO	Business Conferences and Trade Fairs	Presentation	BIM standardization community meeting	November	
DOR	Business Conferences and Trade Fairs	Trade fairs	BIM World 2023 Munich	November	
CETMA	Business Conferences and Trade Fairs	Tech International Summit	World Immersive Experience Summit	October	Networking and discussions around the latest technologies such as VR/AR, NFTs, Web3
CEM	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	summer school	ODBL summer school Polimi	July	
CETMA	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	summer school	ODBL summer school Polimi	July	
EM	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	summer school	ODBL summer school Polimi	July	EM Presented the first draft demo of openDBL to the Summer School, presenting the challenges of implementation for such services on a cloud based system
IN	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	summer school	ODBL summer school Polimi	July	
AMTP	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Pilot Demos Exhib	Artificial Intelligence for Intelligent Specialisation	September	Intelligent Specialisation Regional Forum - advisory body for Regional Management PL / Wielkopolska

Figure 2: Channels done (Actual as per 31.12.2023)

Each partner, on its part, inputted the categories of the channels used for each event they participated in, providing details such as the name, date, and comments on the topics discussed.

2.3 Overall Picture

With the insights gained from both tables above, we have summarised the events held and the progress of the plan.

- Most of the channels identified in the KSP 1.0 have been covered: only two channels remain uncovered (to be attended to):
 - Hackathons (3 events missing)
 - Conference & Trade fairs (17 events missing)

Eight events were held from June to December 2023. Clearly, not all channels needed to be completed in these initial 6 months (as many publications or events may only be feasible in the second or third year of the project). However, it is possible to assess the trend by referring to the KS Target KPIs table.

Channels	Target KPI	KS Channel	Dependencies	Frequency	Done
Business Conferences and Trade Fairs	at least 20 business conference/trade fair demos	European business conferences	-	Once per month	2
	at least 10 keynote	Trade fairs		Three per year	4
Events (Demos, Exhibitions and Pilot Spotlight Sessions)	3 stakeholder wk for each pilot	Presentations and talks	-	Three each year	-
	at least 10	Workshops	after the creation of the point cloud	Three per year	1
	at least 3	Demos/webinars	-	Once per year	0
	3 at the site of academic partners	Exhibitions/focus groups	-	Once per year	1
Platform Building Blocks	Number of access to the platform?	Hackathons	-		
		Summer/Winter schools	-		
Project Reports and Deliverables	5 public deliverables	Access to code management platform (e.g. GitHub)	after the first year		-
Publications (non-scientific)	5 publications and factsheets	Project website	-	Twice per year	15
		Public repositories			
		Technical blog posts			
		Articles			
		Brochures			
		Book chapters			
Publications (peer-reviewed)	2 publications	Reference from technology providers (bottom-up)	-	Twice per year	0
		Reference related to the use case domains (top-down)			
		Journals/Magazines	after the first year	Once per year	1
		Conferences relevant to digital transformation			

Figure 3: KSP actual (status 31.12.2023)

In Figure 3, the green cells show channels that are aligned with or ahead of the planned baseline. The orange cells indicate the KPIs that require improvement.

2.4 Details of the Events done

The Consortium Partners participated in several events related to business conferences and trade fairs:

- CETMA-DIHSME – innovative services for SME's
- BIM World 2023 Munich
- Eurocodes standardization community meeting
- Linked Building Data Group W3C
- BIM standardization community meeting
- World Immersive Experience Summit

Moreover, the Consortium Partners organized and participated in two events:

- **ODBL summer school Politecnico di Milano** (polimi) where they presented the first draft demo of openDBL, presenting the challenges of implementation for such services on a cloud-based system.
- **Artificial Intelligence for Intelligent Specialisation**, for the Intelligent Specialisation Regional Forum – advisory body for Regional Management PL / Wielkopolska.

In these events, the partners carried out activities of networking and discussions on the latest technologies such as BIM, Cyber Security, Artificial Intelligence, VR/AR, NFTs

and Web3. Also, they presented the openDBL Project and the (initial) functionalities of the platform.

As mentioned earlier, we are still in the full development phase of the openDBL solution. Currently, we provide only basic information as we prefer not to disclose technical details about the innovations we are implementing at this time.

3 KSP 2024 (Next Activities)

The table below will be updated continuously, keeping track of the events that will be held by the partners.

Partners	KS Channels (planned 2024)																					
	Project Reports and Deliverables	Publications (Peer reviewed)			Publications (Non-Scientific)						Events (Demos, Exhibitions and Pilot Spotlight Sessions)							Business Conferences and Trade Fairs				
		Public Repositories	Journals	Magazines	Conferences on digital transformation	Technical blog posts	Articles	Brochures	Book chapters	Reference from technology providers (bottom-up)	Reference on use case domains (top-down)	Workshops	Demos	Webinars	Exhibitions	Focus groups	Hackathons	Summer school	European business conference	Trade fairs	Presentations and Talks	TOTAL
CETMA					1							1							1		1	4
AMTP									1										1			0
ASRO																						0
CEM																						0
DIGI																						0
DOR						1									1							2
EDI		1										1	1						1		3	7
EM																						0
IABI		2											3									5
IN						1																1
KIF						1	1				1	1									1	5
MIS																						0
RUV																						0
Total	0	3	0	0	1	3	1	0	0	0	1	3	4	0	1	0	0	2	0	5		

Figure 4: Planned Activities until 31.12.2024

Special attention will be given to key channels where the effort required from partners needs to be increased, such as:

- Demos, Webinars, Exhibitions & Focus Groups.
- Conference & Trade Fairs.

We will continuously update the status of the KPIs and record the activities performed by the Consortium Partners.

A list of events for the next year has been produced and validated with the Consortium Partners.

Figure 5 summarize the planned events and will be periodically updated: some of the partners have not entered the required information mostly because they have not been able to publish or schedule demonstrative events as we are still in the first year of the project. The calendar will be updated in January 2024.

Partners	Channel category	Channel type	Event Name	Date	Comments
CETMA	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Pilot Demos Demo	TDB	February	VR BIM VIEWER TOOL
CETMA	Business Conferences and Trade Fairs	Conference	TDB	September	
CETMA	Publications (Non-Scientific)	TBD	TBD	October	
CETMA	Business Conferences and Trade Fairs	Presentation	TDB	TDB	
DIGI	Business Conferences and Trade Fairs	Presentation	TDB	TDB	Overall openDBL presentation
DOR	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Focus Group	TBD	TBD	
DOR	Publications (Non-Scientific)	Article	TBD	TBD	
EDI	Business Conferences and Trade Fairs	Conference	TBD	TBD	
EDI	Business Conferences and Trade Fairs	Presentation	TBD	TBD	
EDI	Business Conferences and Trade Fairs	Presentation	TBD	TBD	
EDI	Business Conferences and Trade Fairs	Presentation	TBD	TBD	
EDI	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	IoT system Demo	TBD	TBD	
EDI	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Webinar	TBD	TBD	
EDI	Publications (Peer-reviewed)	Journal	TBD	TBD	
IABI	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Webinar	TBD	TBD	
IABI	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Webinar	TBD	TBD	
IABI	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Webinar	TBD	TBD	
IABI	Publications (Peer-reviewed)	Journal	TBD	TBD	
IABI	Publications (Peer-reviewed)	Journal	TBD	TBD	
IN	Publications (Non-Scientific)	Article	TBD	TBD	
KIF	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Pilot Demos Demo	TBD	TBD	
KIF	Events (Demos, Exhibitions and Pilot Spotlight Sessions)	Workshop	TBD	TBD	
KIF	Publications (Non-Scientific)	Article	TBD	TBD	
KIF	Publications (Non-Scientific)	Brochure	TBD	TBD	
KIF	Business Conferences and Trade Fairs	Presentation	TDB	TDB	

Figure 5: Detailed Calendar event (as per 31.12.2023)

4 Conclusions

By June 30, 2024, even if it is not part of the overall openDBL Gantt chart, we will generate an updated version of this KSP to reflect the status of activities to be completed. The internal monitoring and control process will occur every three months.

5 Disclaimer

The sole responsibility of this publication lies within the author. The European Union is not responsible for any use that may be made of the information contained therein.