



## DELIVERABLE 4.5 Publication Plan

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<b>This project has received funding from the Euratom research and training programme 2014-2018 under Grant Agreement no. 661880</b>		
<b>Dissemination Level</b>		
<b>PU</b>	Public	
<b>PP</b>	Restricted to other programme participants (including the Commission)	
<b>RE</b>	Restricted to a group specified by the partners of the MIND project	
<b>CO</b>	Confidential, only for partners of the MIND project	

# 1 Publishable Summary

An efficient communication and dissemination strategy for the experimental outcomes and progress is to target contributions to results in Open Access (OA) peer reviewed scientific journals with a high impact factor, a strategy sustainable on the long term and will provide a means of knowledge preservation.

Special attention will be given to the dissemination of the reviews compiled within Tasks 1 of WP1 and WP3 and the content of the intermediate and final synthesis reports of WP1, WP2 and WP3. A specific effort will be dedicated to publish these results in OA publication in key scientific journals. The project will provide Green OA by self-archiving through the project website, and will provide Gold OA of peer reviewed publications whenever feasible. Specific resources will be allocated to guarantee OA of all reported output.

Report (not peer reviewed) deliverables of the MIND project will be published on the public website as well, and will be distributed directly (digital and/or on paper) towards the implementers.

In addition, popular-scientific publications will contribute to raise awareness about the project and its output, and its relevance in the field of geological disposal to a broader audience.

Any type of scientific publication will be subject to prior approval of all partners of the MIND Consortium. The coordinator, SKB, will inform the partners about the intended publication, requesting the partners' approval and proposing solutions in case of dispute.

## 2 Open Access to Scientific Publications

Each beneficiary must ensure open access (free of charge online access for any user) to all peer reviewed scientific publications relating to its results.

In particular, it must:

(a) as soon as possible and at the latest on publication, deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications;

Moreover, the beneficiary must aim to deposit at the same time the research data needed to validate the results presented in the deposited scientific publications.

(b) ensure open access to the deposited publication — via the repository — at the latest:

(i) on publication, if an electronic version is available for free via the publisher, or

(ii) within six months of publication (twelve months for publications in the social sciences and humanities) in any other case.

(c) ensure open access — via the repository — to the bibliographic metadata that identify the deposited publication.

The bibliographic metadata must be in a standard format and must include all of the following:

- the terms “Euratom” and “Euratom research and training programme 2014-2018”;
- the name of the action, acronym and grant number;
- the publication date, and length of embargo period if applicable, and - a persistent identifier.

### 2.1 H2020 Programme Guidelines to the Rules on Open Access to Scientific Publications and Open Access to Research Data in Horizon 2020

Open access to scientific publications means free online access for any user. Although there are no legally binding definitions of 'access' or 'open access' in this context, authoritative definitions of open access appear in key political declarations including:

Self-archiving / 'green' open access – the author, or a representative, archives (deposits) the published article or the final peer-reviewed manuscript in an online repository before, at the same time as, or after publication. Some publishers request that open access be granted only after an embargo period has elapsed.

Or

Open access publishing / 'gold' open access - an article is immediately published in open access mode. In this model, the payment of publication costs is shifted away from subscribing readers. The most common business model is based on one-off payments by authors. These costs, often referred to as Article Processing Charges (APCs) are usually borne by the researcher's university or research institute or the agency funding the research. In other cases, the costs of open access publishing are covered by subsidies or other funding models.

### **3 Dissemination of results**

Any dissemination of results (in any form, including electronic) must:

(a) display the EU emblem and

(b) include the following text:

“This project has received funding from the *Euratom research and training programme 2014-2018* under grant agreement No 661880”.

### **4 Approval of the MIND Partners**

The MIND Consortium will be informed of any type of scientific publication planned and published in the project. Coordinator organization, SKB, will send out the Publication plan for approval once a new publication has been listed and all publication drafts will be published on Syncplicity (General section), prior to publication and submission. Information will be sent out once there is a new publication/draft publication linked on the webpage.

# PUBLISHED AND ACCEPTED PUBLICATIONS

No.	Type	Title of the article	Authors	Title of the Journal/Proc./Book Number, date Of the Journal/Proc. /Book	Audience				
					Scientific Community	Industry	Civil Society	Medias	Other
1		Draft Genome Sequences of Four Alkaliphilic Bacteria Belonging to the <i>Anaerobacillus</i> Genus	N. Bassil, J. Lloyd	<a href="#">Genome Announcements, Volume 5, Issue 3, American Society for Microbiology, 2017, e01493-16</a>	x				
2	Go OA	<i>Stenotrophomonas bentonitica</i> sp. nov., isolated from bentonite formations.	I. Sanchez-Castro, M.L. Merroun	<a href="#">International Journal of Systematic and Evolutionary Microbiology</a>	x				
3	Go OA	Draft genome sequence of <i>Stenotrophomonas bentonitica</i> BII-R7T, a selenite-reducing bacterium isolated from Spanish bentonites	I. Sanchez-Castro, M.L. Merroun	<a href="#">Genome Announcements</a>	x				
4		Influence of riboflavin on the reduction of radionuclides by <i>Shewanella oneidensis</i> MR-1.	A. Cherkouk, J. R. Lloyd	<a href="#">Dalton Transactions, 2015, DOI: 10.1039/C4DT02929A</a>	x				
5	Go OA	MIND Project Annual Meeting 1 Extended abstracts	The MIND project. (Ed B Kalinowski)	<a href="#">Abstract volume</a>	x	x			
6	Go OA	MIND Project Annual Meeting 2 Abstracts	The MIND project. (Eds B. Kalinowski and P. Christensen)	<a href="#">Abstract volume</a>	x	x			
7	Gr OA	The anaerobic corrosion of carbon steel in compacted bentonite exposed to natural opalinus Clay porewater containing native microbial populations	N.R. Smart, B. Reddy, A.P. Rance, D.J. Nixon, M. Fruttschi, R. Bernier-Latmani, N. Diomidis	<a href="#">Corrosion engineering, science and technology, 2017</a>	x				
8		Mobility and reactivity of sulphide in bentonite clays - implications for engineered bentonite barriers in geological repositories for radioactive wastes	K. Pedersen, A. Bengtsson, A. Blom, L. Johansson, T. Taborowski	<a href="#">Applied Clay science</a>	x	x			

9	Gr OA	The biogeochemistry of gas generation from low-level nuclear waste: modelling after 18 years study under in situ conditions	J.S. Small M. Nykyri M. Vikman M. Itävaara L. Heikinheimo T. Haavisto K. Marjamaa H. Miettinen	<a href="https://doi.org/10.1016/j.apgeochem.2017.07.012">Applied Geochemistry, 84, September 2017, Pages 360-372 doi.org/10.1016/j.apgeochem.2017.07.012</a>	x	x			
10	Go OA	MIND Project Annual Meeting 3 Extended abstracts	The MIND project. (Eds B. Kalinowski and P. Christensen)	<a href="#">Abstract volume</a>	x	x			
11	Gr OA	Green synthesis and biotransformation of amorphous Se nanospheres to trigonal 1D Se nanostructures: impact on Se mobility within the concept of radioactive waste disposal	M.A. Ruiz Fresneda J. Delgado Martín J. Gómez Bolívar M.V. Fernández Cantos G. Bosch-Estévez M.F. Martínez Moreno M.L. Merroun	<a href="https://pubs.rsc.org/en/content/articlelanding/2018/en/c8en00221e#!divAbstract">https://pubs.rsc.org/en/content/articlelanding/2018/en/c8en00221e#!divAbstract</a>	x	x			

## PLANNED AND SUBMITTED PUBLICATIONS

No.	Type*	Title	Authors	Title of the Journal/Proc./Book Number, date Of the Journal/Proc. /Book	Audience				
					Scientific Community	Industry	Civil Society	Media	Other
	Go OA	Tentative title: '15 years experiment of bentonite-water-copper interactions including microbes in aerobic and anaerobic conditions'	M. Olin, J. Järvinen, M. Matuszewicz, M. Tiljander, A. Itälä, P. Rajala, M. E. Raulio, E. Sohlberg, M. Itävaara, A. Muurinen et al.	VTT Technology	x	x			
	Go OA	Tentative title 'Significance of microbiological effects on bentonite structure and stability in long-term nuclear fuel waste disposal'	H. Miettinen, M. Matuszewicz, M. Olin, M. Itävaara et al. L. Merroun	Applied clays science or other suitable journal	x				
	Go OA	Tentative title: 'Activation of deep subsurface groundwater communities with different electron acceptors and donors	H. Miettinen, M. Vikman, M. Bomberg et al.	Microorganisms or other suitable journal	x				
		Characterization of microbial communities from different Czech bentonites	R. Shrestha, J. Steinova, D. Vlkova, R. Spanek, A. Sevcu		x				
		Biocorrosion of stainless steel canister material by anaerobic microbial consortia	T. Cernousek, H. Vanova , J. Steinova, R. Shrestha, A. Sevcu, P. Moucka, P. Polivka		x				
		Development of anaerobic microbial consortia in gamma-irradiated ion exchangers	P. Polivka, T. Cernousek, P. Moucka, H. Vanova, J. Steinova, R. Shrestha, A. Sevcu		x				
		Migration of bacteria in saturated bentonite: truth of fiction?	P. Polivka, T. Cernousek, H. Vanova, P. Moucka, R. Shrestha, A. Sevcu, J. Steinova		x				
		Microorganisms in buffer material – analysis of saturated bentonite from Mock Up project	R. Shrestha, J. Steinova, D. Vlkova, R. Spanek, A. Sevcu		x				

		A multimethod approach for the structural elucidation of uranyl-isosaccharinic acid complexes under acidic conditions	H. Brinkmann, M. Patzschke, A. Rossberg, H. Moll, T. Stumpf	PLOS ONE or other suitable journal	x				
	Go OA	MIND Project Annual Meeting 4 Abstracts	The MIND project. (Eds B. Kalinowski and P. Christensen)	Abstract volume	x	x			
	Go OA	Implementers review board evaluation report	Implementers Review Board (IRB)	Report	x	x			
	GoOA	Project Summary Report	SKB and WP-leaders	Report	x	x	x	x	x

<b>* Dissemination Level, Type</b>	
<b>Green OA (Gr OA)</b>	Self-archiving / 'green' open access – the author, or a representative, archives (deposits) the published article or the final peer-reviewed manuscript in an online repository before, at the same time as, or after publication. Some publishers request that open access be granted only after an embargo period has elapsed.
<b>Gold OA (Go OA)</b>	Open access publishing / 'gold' open access - an article is immediately published in open access mode. In this model, the payment of publication costs is shifted away from subscribing readers. The most common business model is based on one-off payments by authors. These costs, often referred to as Article Processing Charges (APCs) are usually borne by the researcher's university or research institute or the agency funding the research. In other cases, the costs of open access publishing are covered by subsidies or other funding models.
<b>PP</b>	Restricted to other programme participants (including the Commission) Services)
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