MOVING

Deliverable 5.3: Dissemination and communication plan and activities - second report

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Executive Summary

The present deliverable describes the dissemination and communication activities for the second year of the project, as well as the planned dissemination and communication actions during the third year of the project. It consists of five sections. The first section introduces the deliverable and contains the history, the purpose and a brief description of the structure of the document. The second section discusses the updated dissemination and communication strategy of the MOVING consortium, along the lines that were earlier sketched in "D2.4: Open innovation systems state-of-the-art and beyond", Section 5. The third section reports the dissemination and communication actions that were taken in the second year of the project. The fourth section presents the plan for the dissemination and communication activities for the last year and beyond (for some activities) of the project. And finally, the last section closes with a short summary and conclusion on dissemination and communication activities.

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Abbreviations

Abbreviation	Explanation
AGH	Akademia Górniczo-Hutnicza
ARTEL	Workshop on Awareness and Reflection in Technology Enhanced Learning
COMET	Competence Centers for Excellent Technologies
DMP	Data Management Plan
EC	European Commission
EC-TEL	European Conference on Technology Enhanced Learning
EDSA	Data Science Training and Data Science Education
EICS	ACM SIGCHI Symposium on Engineering Interactive Computing Systems
FG	International IEEE Conference on Automatic Face and Gesture Recognition
GeNeMe	Gemeinschaften in NEuen MEdien (Communities in New Media)
GSA	Germany, Switzerland and Austria
ICAISC	International Conference on Artificial Intelligence and Soft Computing
ICMR	ACM International Conference on Multimedia Retrieval
i-KNOW	International Conference on Knowledge Technologies and Data-driven Business
IPR	Intellectual Property Rights
K-CAP	International Conference on Knowledge Capture
KICSS	International Conference on Knowledge Information and Creativity Support Systems

Abbreviation	Explanation
LeWIn4.0	Lern-und Wissensmangement im Zeitalter der Industrie 4.0
MARR SA	Malopolska Regional Development Agency
MED task	Multimedia event detection task
MCDM	International Conference on Multiple Criteria Decision Making
MOPGP	International Conference on Multiple Objective Programming and Goal Programming
MultiEdTech2017	1st International Workshop on Educational and Knowledge Technologies
OER	Open Educational Resources
RecSys	ACM Conference on Recommender Systems
SCCH	Software Competence Center Hagenberg
SOCA	IEEE International Conference on Service-Oriented Computing and Applications
SVM-GSU	Support Vector Machine - Gaussian Sample Uncertainty
TRECVID	TREC Video Retrieval Evaluation
TPAMI	IEEE Transactions on Pattern Analysis and Machine Intelligence
UNESCO	United Nations Educational, Scientific and Cultural Organization
WI17	IEEE/WIC/ACM International Conference on Web Intelligence 2017
ZPID – Vortragsreihe	Leibniz Institute for Psychology Information

1 Introduction

The main goal of the dissemination and communication activities and plan is to continue raising awareness about the project activities, in order to make MOVING known to the public and to ensure the widest possible dissemination of its results. This is performed by continuing to use different communication and dissemination channels and materials, and by engaging in activities such as organisation of workshops with stakeholders or taking part in conferences, among many other activities that are detailed in the present document.

1.1 History of the document

Table 1: History of the document.

Date	Version
16/02/2018	v0.1: ToC and early description of the content
23/02/2018	v0.2: Ready ToC review
09/03/2018	v0.3: Complete draft is sent to QA
16/03/2018	v0.4: Ready QA review
23/03/2018	v0.5: Document uploaded to the wiki for last checks
30/03/2018	v1.0: Final document submitted to EC

1.2 Purpose of the document

The purpose of the present document is twofold. On the one hand, it reports the dissemination and communication activities that were carried out during the second year of the project. On the other hand, it presents the plans for communication and dissemination actions during the third year of the project. This dual purpose is reflected in the structure of the document.

1.3 Structure of the document

The deliverable is structured in five sections. The first section is the introductory one, outlining its purpose and structure. The second section discusses the updated dissemination and communication strategy of the MOVING consortium, along the lines that were earlier sketched in "D2.4: Open innovation systems state-of-the-art and beyond", Section 5. The third section reports the dissemination and communication actions that were taken in the second year of the project. The

fourth section presents the plan for the dissemination and communication activities for the last year (and beyond, for some activities) of the project. And finally, the last section closes with a short summary and conclusion on dissemination and communication activities.

2 Dissemination and communication strategy overview

The overall communication, dissemination and exploitation strategy aims at reaching the specified MOVING target groups that have been already defined in "D2.4: Open innovation systems state-of-the-art and beyond", as these are the recipients of the project results and can act as delegates in disseminating project activities further on. These target groups include the MOVING platform target users, and extend to the broader community that should be made aware of the project and its results. This broader community includes the general public, the scientific community, the policy makers and the industry/innovators. The identification of effective and efficient communication, dissemination and exploitation instruments that will help in reaching the MOVING target groups during and after the project's lifetime is important for the successful dissemination and exploitation of the project. Each target group has its own sphere of communication and - implementing the dissemination and exploitation strategy depicted in the figure below (Figure 1) - we take advantage of the respective instruments whereby we can reach each target group effectively. Figure 1 was created in accordance with the proposed content in dissemination and exploitation of Horizon H2020 at the H2020 Coordinators' day, 1st March 2017 (slides 7 and 9)[1] by adding specialised activities that serve in the best way the MOVING project's needs.

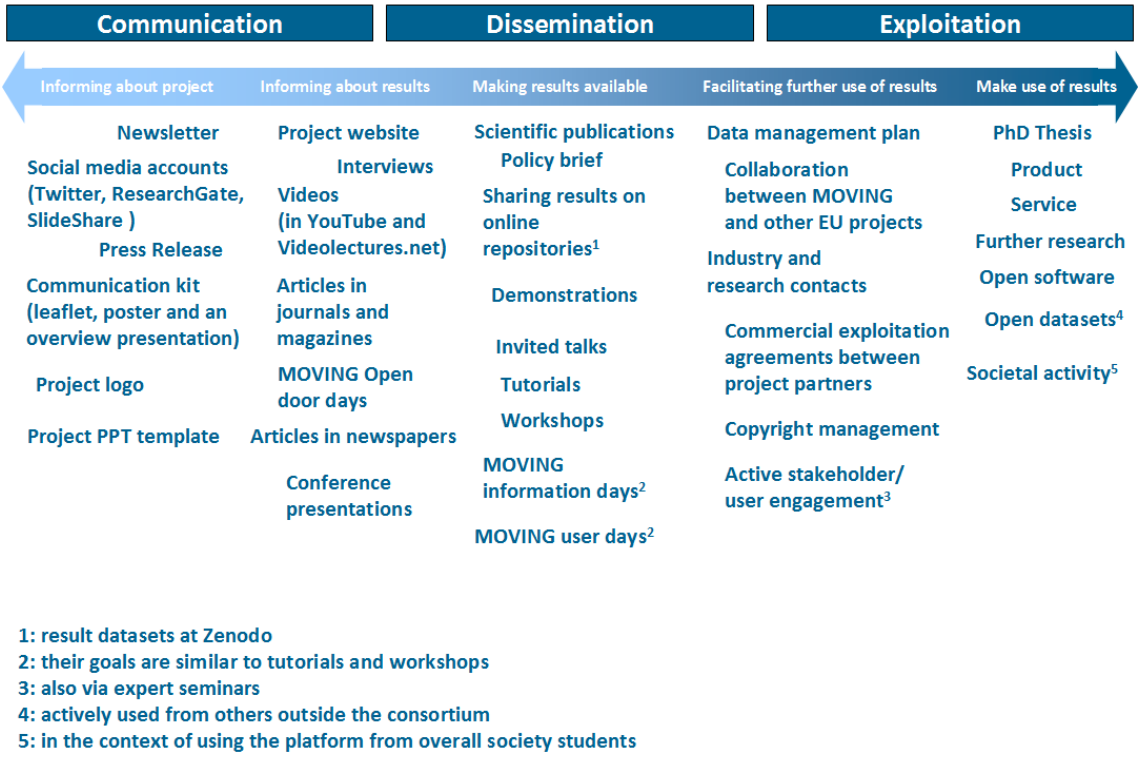

Figure 1: The MOVING dissemination and communication strategy.

[1] http://ec.europa.eu/research/participants/data/ref/h2020/other/events/2017-03-01/8_result-dissemination-exploitation.pdf

As we can see in Figure 1 we organise the dissemination and communication instruments that we have adopted for reaching the MOVING target groups into the following five categories: (a) communication-only activities, (b) communication and dissemination activities, (c) dissemination-only activities, (d) activities that lie at the intersection of dissemination and exploitation, and (e) exploitation activities.

The following table (Table 2), depicts which instrument of MOVING's dissemination and exploitation strategy is addressing which target group.

Table 2: Relations between instruments and target groups.

Communities / **Instruments**	**General public**	**Scientific community**	**Policy makers**	**Industry/ Innovators**
Newsletter	x	x	x	x
Press release	x	x	x	x
Social media accounts (Twitter, ResearchGate, SlideShare)	x	x	x	x
Communication kit (leaflet, poster and an overview presentation)	x	x	x	x
Project logo	x	x	x	x
Project PPT template	x	x	x	x
Project website	x	x	x	x
Videos (in YouTube and Videolectures.net)	x	x	x	x
Interviews	x	x	x	x
Articles in journals and magazines	x	x	x	x
Articles in newspapers	x	x	x	x
MOVING Open door days	x	x	x	x

Communities / Instruments	General public	Scientific community	Policy makers	Industry/ Innovators
Conference presentations		x	x	x
Scientific publication		x		x
Policy brief			x	x
Tutorials		x		
Invited talks		x		
Workshops		x	x	x
Demonstrations	x	x	x	x
Sharing results on online repositories	x	x	x	x
MOVING information days (including organised workshops)	x	x		
MOVING user days (including organised periodic seminars and user workshops)		x	x	x
Data management plan		x	x	x
Collaboration between MOVING and other EU projects		x	x	x
Industry and research contacts		x	x	x
Commercial exploitation agreements between project partners		x	x	x

Communities / Instruments	General public	Scientific community	Policy makers	Industry/ Innovators
Copyright management		x	x	x
Active stakeholders/user engagement		x	x	x
PhD Thesis		x		x
Product				x
Service				x
Further research		x		x
Open software		x		x
Open datasets		x		x
Societal activity	x			x

According to the table above, the derived dissemination and exploitation strategy suggests that all instruments identified are necessary and should be employed in order to achieve the highest possible outreach to the different types of target groups.

3 Dissemination and communication activities report

The present section reports all the dissemination and communication activities of the project's second year, organised according to the strategy described in the previous section (Figure 1). That is, we first (Section 3.1) introduce the updated communication-only activities, where the goal is to inform a multitude of audiences about the MOVING project; these activities include the design of the updated project logo, the updated leaflet, the status of the project's social media presence and the report regarding the new press releases of the project. Then we present a detailed report regarding the status of the activities that lie at the intersection of communication and dissemination. In this section (Section 3.2) we report updates on the: content of the website, YouTube and Videolectures.net channels, open door days, conference and events presentations (these include MOVING dissemination activities in conferences where the consortium partners did not have a scientific publication included in the proceedings, or presentations of MOVING in events that do not strictly focus on the scientific community, etc.). In the next section (Section 3.3) we report the dissemination-only activities, where the objective of these activities is to describe and make the project results available for use. Specifically, we report about the status of the MOVING information and user days, the demonstrations, the scientific publications, workshops, tutorials and invited talks, the sharing of research results on online repositories, and the MOVING policy brief. We should point out that some of the dissemination activities reported in this section, such as the participation and presentation of results in scientific events, serve a dual purpose: both disseminating the project's results, and supporting the project's community building. In this deliverable we will report these dual-purpose activities from the dissemination point of view; more information regarding the community building at these specific events can be found in "D5.2: Exploitation strategy and user community building action" and will also be provided in the upcoming "D5.4: The MOVING platform final exploitation strategy". Finally, in Section 3.4 we report on the activities that lie at the intersection of dissemination and exploitation, which aim to facilitate further use of the MOVING results. Specifically, in this section we briefly present the status of the collaboration between MOVING and other EU projects, MOVING's industry and research contacts, and the updates of the data management plan. As exploitation planning and reporting is outside the scope of the present document, we do not elaborate on purely exploitation-related activities; more details on this topic can again be found in "D5.2" and "D5.4".

3.1 Communication activities

3.1.1 Updated project logo

In the second year of the project, and in response to a reviewer comment during the first project review, we re-designed the logo of the project. Evolution, rather than revolution, of the project's image, was our guiding principle, given that the project had already been running for more than a year. This approach is consistent with the logo/image evolution strategy that is routinely

followed by major brands. An experienced graphics designer from consortium partner JSI, was engaged to drive this re-design, providing various suggestions and implementing the corresponding designs. The new logo that was eventually selected from the consortium, pictured below, looks modern and fresh, and at the same time is unmistakably "MOVING" with its colours and design, it maintains the visual identify that the project has been building since day one. All social media channels, project documents and the project website were updated with the new logo.

Figure 2: The updated MOVING logo.

3.1.2 Updated communication kit

To reflect the progress of the first project year and by taking into account the comments from the reviewers during the first review of the project, a new project leaflet was created in the second year. It was produced and designed by CERTH and JSI, again with the contribution of the same experienced graphics designer as involved in the logo designing.

The updated leaflet Figure 3 and Figure 4 show the outside and inside views of the tri-fold leaflet, respectively), poster and project overview presentation are publicly available online (uploaded to the project website under the "MOVING communication kit" webpage.

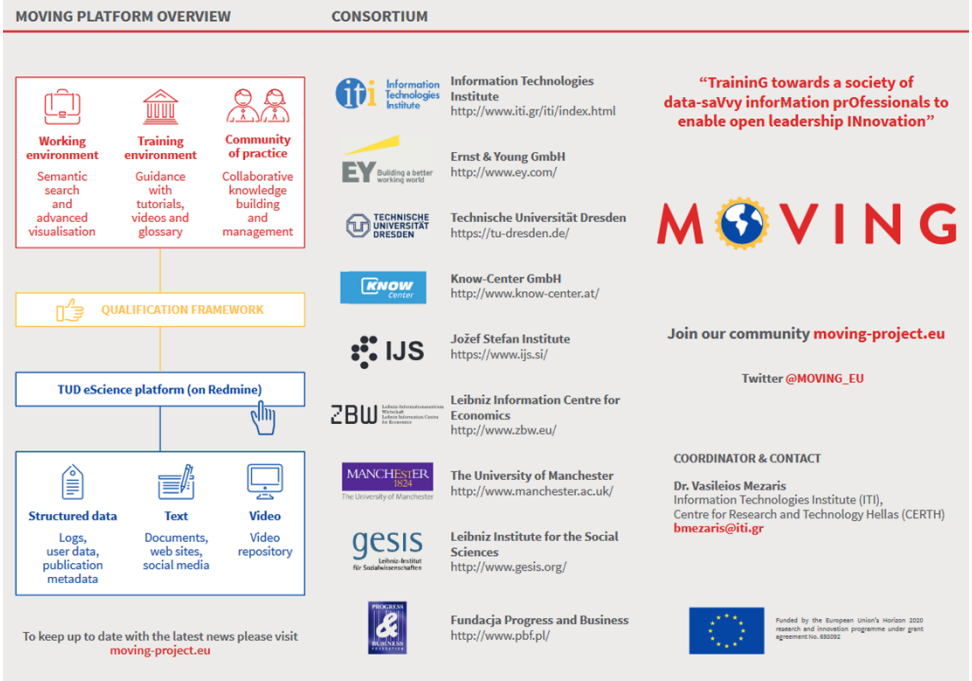

Figure 3: The updated MOVING leaflet (outside page).

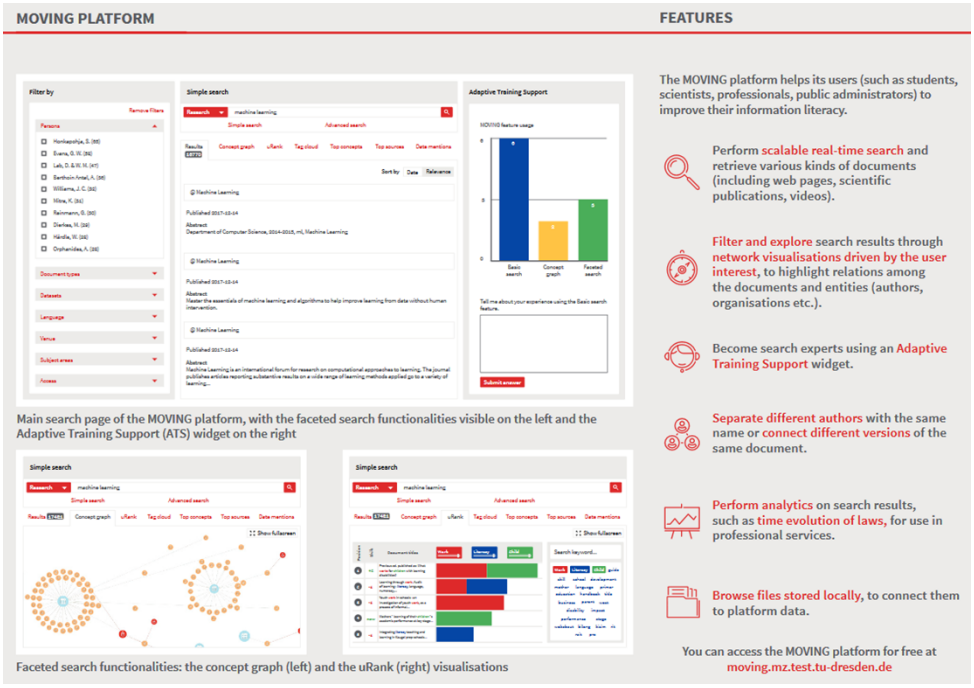

Figure 4: The updated MOVING leaflet (inside page).

3.1.3 Social media presence

Twitter

The @MOVING_EU Twitter account has almost tripled the tweets made in this reporting period, compared to the previous one, reaching more than 110 tweets. The account also follows more key Twitter users from the target communities of the project; currently we have collected 86 accounts to follow, covering the project domains. A snapshot of the tweet feed of @MOVING_EU is shown in the following figure (Figure 5).

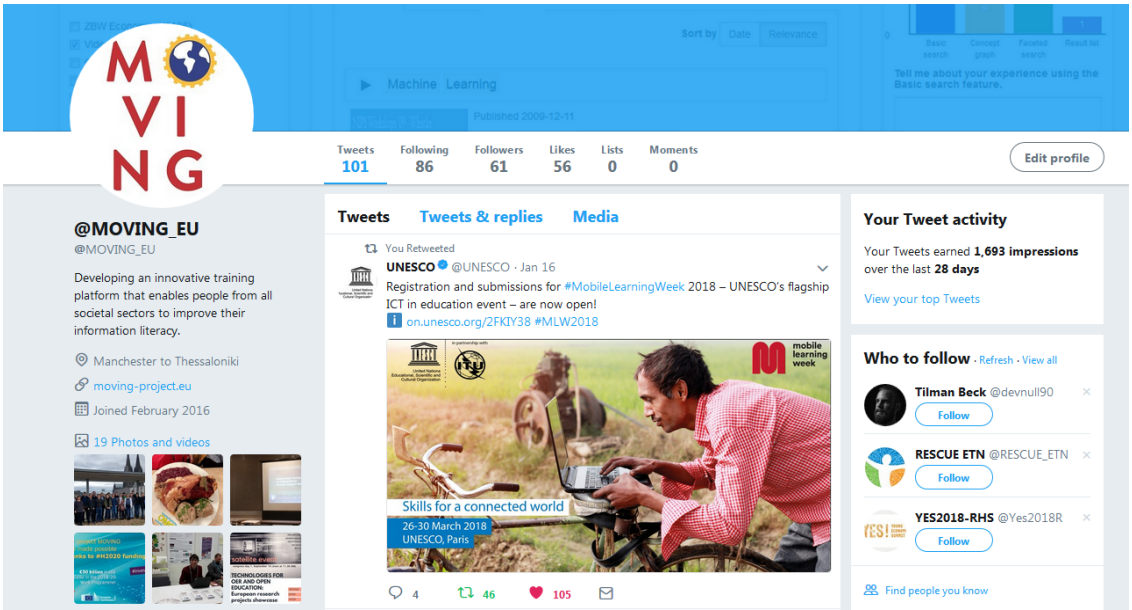

Figure 5: A snapshot of the MOVING Twitter account.

We consider Twitter as one of the most useful means to inform and engage with our target audiences and their respective communities. Information about the latest project achievements, events, discussions and news are provided on Twitter. Via Twitter it is also easy for our followers to engage with the MOVING project, either by following, mentioning, re-tweeting or commenting on our tweets. We analysed the MOVING Twitter account with the Twitonomy tool (Figure 6). After twelve months, our twitter activity has grown and that led to a growth in the number of followers. In addition to these followers, many more twitter users are reached by the MOVING partners typically re-tweeting the MOVING tweets using their personal accounts.

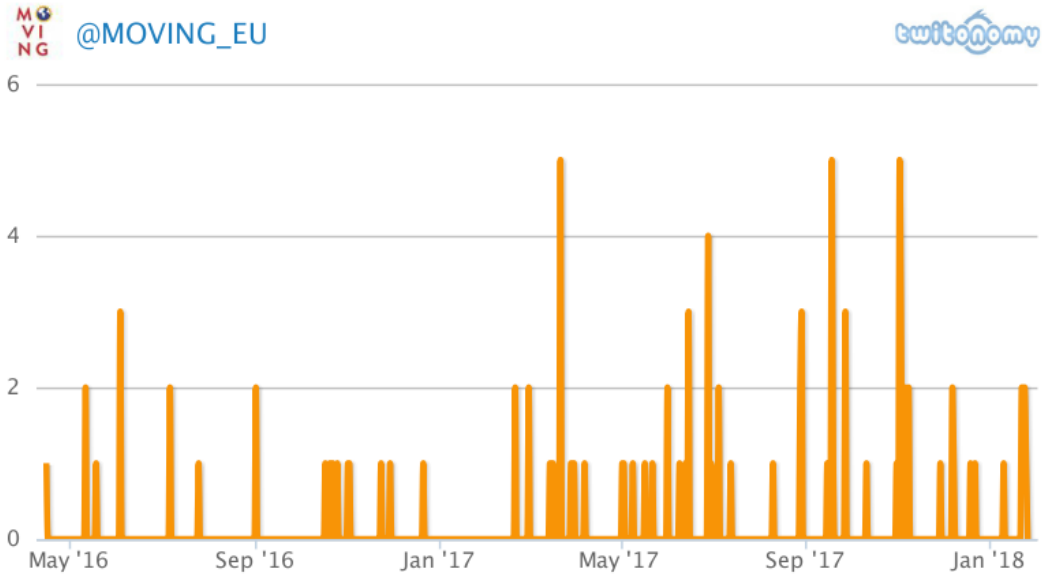

Figure 6: MOVING's complete Twitter history - number of tweets per day.

The highest activity on Twitter is observed at the time when the MOVING platform become publicly available, which is when we made a strong and coordinated effort to publicise the platform and we also promoted the MOVING project's video (promo). Figure 7 (a), (b) shows the most retweeted and the most favorited tweets.

(a)

(b)

Figure 7 (a), (b): MOVING's list retweeted posts and most favourite tweets.

SlideShare

We currently have 10 SlideShare presentations and 3 additional SlideShare documents posted (with more than 2000 total views at the time of writing) to the project's SlideShare account (Figure 8). These are about:

1. MOVING Project Presentation (2nd release February 2018).
2. MOVING poster.
3. Wevquery: Testing Hypotheses about Web Interaction Patterns.
4. TRECVID 2016 poster CERTH-ITI.

5. TRECVID 2016 ad-hoc video search task, CERTH-ITI.
6. Video aesthetic quality assessment using kernel support vector machine with isotropic Gaussian Sample Uncertainty (KSVM-IGSU).
7. Information theoretic analysis of entity dynamics on the linked open data cloud.
8. Including financial criteria in the strategic planning of knowledge repository operation.
9. Mining and Managing Large-scale Linked Open Data.
10. Profiling vs. Time vs. Content: What does Matter for Top-k Publication Recommendation based on Twitter Profiles?
11. MOVING Project Presentation (1st release May 2016).
12. Concept Language Models and Event-based Concept Number Selection for Zero-example Event Detection.
13. Query and Keyframe Representations for Ad-hoc Video Search.

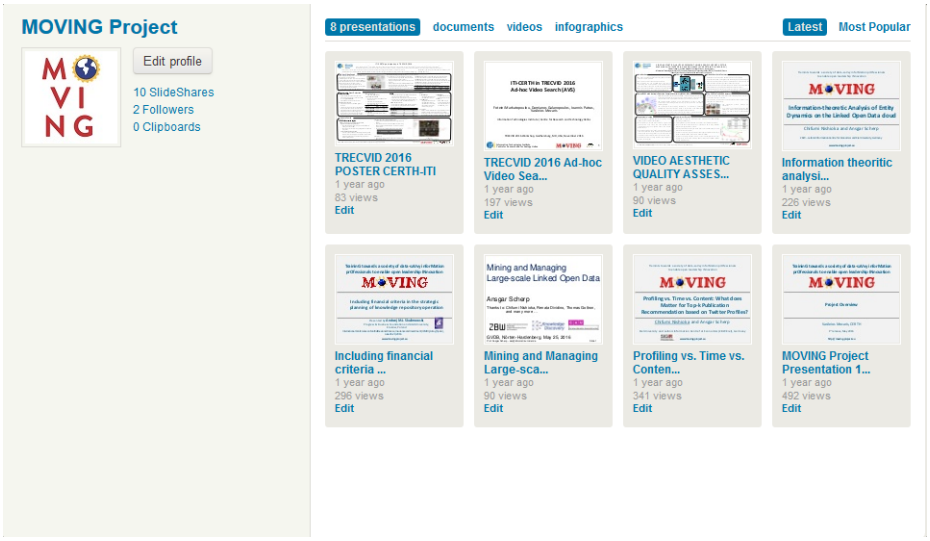

Figure 8: A snapshot of the MOVING SlideShare account.

ResearchGate

At the time of writing we have in the ResearchGate account 44 news items where we inform the users about: (a) the context of the project, (b) the progress of the project by uploading all scientific publications about the MOVING platform and its individual technologies, (c) our participation in and organisation of scientific and industry oriented events. By uploading all the information about the project we attracted more than 200 readers and we have 17 followers. Figure 9 presents a snapshot of the ResearchGate account.

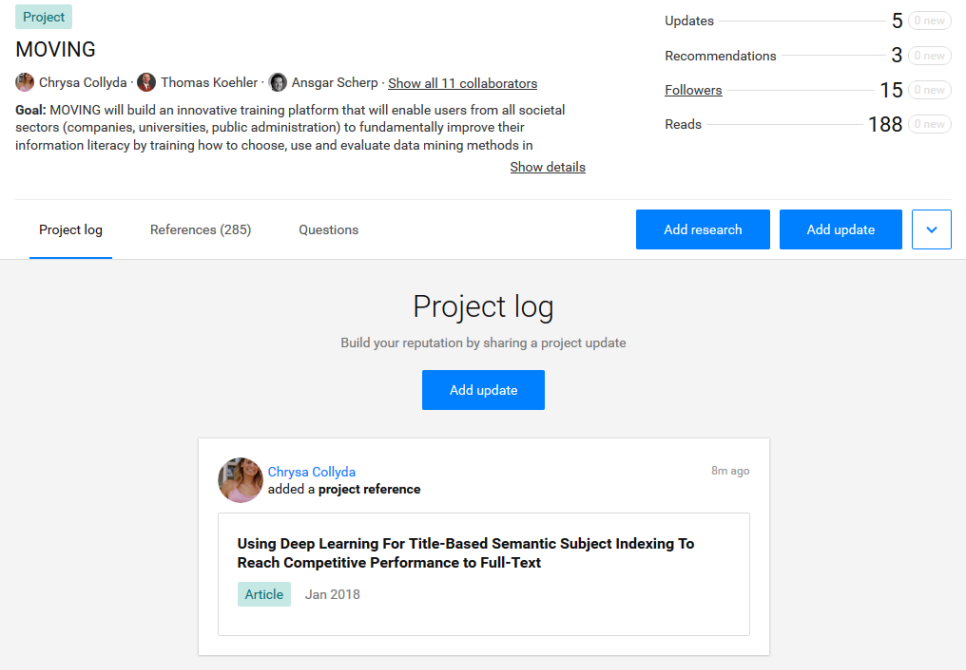

Figure 9: Snapshot of the MOVING ResearchGate account.

3.1.4 Newsletters

Following the consortium's plan to publish newsletters every 6 to 9 months, we published two newsletters during the second year of the project, in months 15 and 21. The two new issues, which were prepared by CERTH, were uploaded to the project's website and distributed to the consortium for disseminating the project achievements. As presented in Figure 10(a)-(f) below, the second newsletter included:

- A welcome message.
- A report regarding the user requirements status of the project.
- Presentations of the MOVING tools SciFis and WevQuery, and the "Learning how to search" widget.
- Report on the successful presentation of the initial prototype of the MOVING platform at the first project review.
- Consortium's organisation of two MOVING events (Satellite event titled "Technologies for OER and Open education: European research projects showcase session" at World OER Congress 2017, and MultiTechEd2017 workshop at ACMMM 2017), MOVING demonstration at ITI's open door day, and participation in various dissemination and communication activities such as CERTH's participation at ACM ICMR 2017 where MOVING paper received the best poster award and ZBW's joint research collaboration with Wolters Kluwer Germany (consortium partner of the project ALIGNED) .
- Details about the project consortium.
- Information for contacting us and details regarding the project's funding agency.

Figure 10: The 2nd issue of the MOVING newsletter.

Regarding the third issue of the newsletter, we slightly changed the color design, introduced the updated project logo, and introduced to its audience (as shown in Figure 11(a)-(f) below) the following topics and materials:

- A welcome message.
- An informative paragraph about the publicly available 1st MOVING platform prototype.
- A report on the user requirements and initial implementation of user studies.
- Presentations of the first implemented tools and services in the MOVING platform.
- Information about the new project logo.
- Consortium's organisation of two MOVING seminars, reports on the two successful organised MOVING events, and participation in various dissemination and communication activities such as UMAN's participation at EICS 2017 where MOVING paper received the best paper award.
- Details about the project consortium.

- Information for contacting us and details regarding the project's funding agency.

(a) (b) (c)

(d) (e) (f)

Figure 11: The 3rd issue of the MOVING newsletter.

3.1.5 Press Releases

The project members published 3 press releases in the second year of the project. The first press release, published by CERTH, reported on two MOVING demos and it was widely distributed within Greece via the CERTH's website[2], the GSRT (General Secretariat for Research and Technology of Greece) website[3], and the official CERTH's Twitter[4] and Facebook[5] accounts. Additionally, the press

[2] https://certh.gr/E8681F1D.en.aspx

[3] http://www.gsrt.gr/central.aspx?sId=124I486I1253I646I510887&olID=838&neID=589&neTa=25_91530&ncID=0&neHC=0&tbid=0&lrID=2&oldUIID=aI838I0I124I486I1253I0I2&actionID=load

[4] https://twitter.com/CERTHellas

release was sent via e-mail by CERTH, with the help of its publicity and extraversion office, to: (a) ~200 European and international journalists, (b) ~100 Greek journalists in Athens and Thessaloniki, (c) 267 departments in Greek universities (d) >80 commercial companies. The second press release reported again on project results, and it was distributed within Germany via the ZBW's website[6], the idw-online.de website[7], the official ZBW's twitter account[8], and was send to 645 journalists. The third press release, again reporting on project results as well as the release of the project platform, was printed in the "IJS News", an internal bulletin of the JSI (this bulletin is issued approximately 4 times per year). The "IJS news" was printed in 2000 copies and these were sent to the: (a) Slovenian president, (b) Slovenian prime minister, (c) Slovenian president of the parliament, (d) all deputies in the Slovenian parliament, (e) all Slovenian ministers, (f) universities and scientific institutions in Slovenia, (g) industry through the Chamber of Commerce and Industry of Slovenia, and (h) Slovenian schools. IJS news was also sent to Zagreb (Ruđer Bošković Institute) and Belgrade (Vinča Nuclear Institute).

Figure 12 (a) and (b) presents the English and Greek version of the press release that was published in CERTH's news website on June 28th 2017, Figure 13 (a) and (b) presents the English and German version of the press release that was published in ZBW's news website on 16th of January 2018, and finally Figure 14 presents the Slovenian version of the press release that was published in JSI's news.

[5] https://www.facebook.com/pages/CERTH/279873852048422

[6] http://www.zbw.eu/en/about-us/news/single-view/news/zbw-project-moving-reaches-the-home-stretch-first-results-from-a-european-research-project-in-scie/

[7] https://idw-online.de/de/news687501

[8] https://twitter.com/ZBW_MediaTalk

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The MOVING project announces the release of two new data analysis web tools for educational applications

The MOVING project is developing a novel educational platform that allows professionals and members of the academic community to learn how to choose, use and evaluate data mining methods in connection with their daily research tasks. In the context of the implementation of the platform we are pleased to announce to the scientific and industry community the release of two new interactive demos. These are **a search engine tool for scientific figures based on extracted text (SciFis)**, and **an interactive online demo for the analysis of lecture videos and the linking with additional relevant videos (VideoAnalysis4all - lecture video linking demo**), which facilitates the use of video materials in the educational process.

SciFis is a search engine tool for scientific figures. Figures such as bar charts, pie charts, maps, scatter plots, or similar infographics often include valuable textual information, which is not present in the surrounding text. SciFis allows searching in such infographics, thus offering new possibilities for accessing knowledge. You can try to search in a large collection of images that comes from open access scientific publications in economics at http://broca.informatik.uni-kiel.de:20080/.

VideoAnalysis4all allows easy navigation in collections of lecture and non-lecture videos. The user can watch lecture videos of a specific topic and, in parallel can search for, locate and then also watch related non-lecture videos, to gain a broader understanding of the topics that are of interest to her/him. Searching is easy thanks to the use of elaborate techniques for text and video analysis, and machine learning. You can try to search in an initially small collection of videos at http://multimedia2.iti.gr/moving-project/lecture-video-linking-demo/results.html.

Note: MOVING is a Research and Innovation Action that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 693092.

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MOVING website: www.moving-project.eu

Twitter: MOVING_EU

Youtube: *MOVING-H2020-Project 2016-2019*

Slideshare: https://www.slideshare.net/MOVING_EU/presentations

Downloads

The **Announcement** [666.28KB]

(a)

› Ενημέρωση › Νέα

Εκτύπωση σελίδας

Διαθέσιμα δύο νέα διαδικτυακά εργαλεία ανάλυσης δεδομένων για εκπαιδευτικές εφαρμογές από το ευρωπαϊκό έργο MOVING

Το έργο MOVING αναπτύσσει μία καινοτόμα πλατφόρμα εκπαίδευσης για να βοηθά επαγγελματίες και μέλη της ακαδημαϊκής κοινότητας να μαθαίνουν πως να επιλέγουν, να χρησιμοποιούν και να αξιολογούν μεθόδους ανάλυσης δεδομένων. Στα πλαίσια της υλοποίησης της πλατφόρμας του έργου ανακοινώνεται στην επιστημονική και επιχειρηματική κοινότητα η διαθεσιμότητα δύο νέων εργαλείων, στη μορφή διαδραστικών demos. Πρόκειται για ένα **εργαλείο αναζήτησης επιστημονικών εικόνων βασισμένο σε τεχνικές εξόρυξης κειμένου** (**SciFis**), και ένα πρόγραμμα επίδειξης για την **ανάλυση βίντεο διαλέξεων και την εύρεση πρόσθετων βίντεο σχετικού περιεχομένου** (**VideoAnalysis4all**), που επιτρέπει την εύκολη αξιοποίησή τους στην εκπαιδευτική διαδικασία.

Το **SciFis** είναι ένα εργαλείο αναζήτησης επιστημονικών εικόνων. Εικόνες όπως τα ραβδογράμματα, κυκλικά διαγράμματα, χάρτες, διαγράμματα διασποράς ή άλλα γραφήματα πολύ συχνά περιέχουν χρήσιμες πληροφορίες οι οποίες δεν υπάρχουν στο κείμενο από το οποίο περιβάλλονται. Το SciFis επιτρέπει την αναζήτηση σε τέτοιου είδους γραφήματα, καθιστώντας δυνατό ένα νέο τρόπο προσέγγισης και πρόσβασης στη γνώση. Μπορείτε να δοκιμάσετε αναζητήσεις μεσα σε μια μεγάλη συλλογή εικόνων που προέρχονται από δημοσιεύσεις επιστημονικών άρθρων στον οικονομικό κλάδο, στη διεύθυνση http://broca.informatik.uni-kiel.de:20080/.

Το **VideoAnalysis4all** επιτρέπει την εύκολη περιήγηση σε συλλογές διαδικτυακών διαλέξεων και άλλων σχετικών βίντεο. Ο χρήστης είναι σε θέση να παρακολουθεί βίντεο-διαλέξεις του άμεσου ενδιαφέροντος του, και παράλληλα να αναζητεί άλλα βίντεο σχετικά με τη διάλεξη που παρακολουθεί, ώστε να διευρύνει τις γνώσεις του. Η αναζήτηση είναι εύκολη χάρη στη χρήση εξελιγμένων τεχνικών ανάλυσης κειμένου και βίντεο, και μηχανικής μάθησης. Μπορείτε να δοκιμάσετε τις αναζητήσεις σας σε μια αρχικά μικρή συλλογή βίντεο, στη διεύθυνση http://multimedia2.iti.gr/moving-project/lecture-video-linking-demo/results.html.

Σημείωση: Το ερευνητικό έργο MOVING έχει λάβει χρηματοδότηση από το Πρόγραμμα Ορίζοντας 2020 της Ευρωπαικής Επιτροπής βάσει του συμβολαίου H2020-693092.

Πληροφορίες επικοινωνίας:

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Youtube: MOVING-H2020-Project 2016-2019

Slideshare: https://www.slideshare.net/MOVING_EU/presentations

Αρχεία

Η Ανακοίνωση [665,21KB]

(b)

Figure 12 (a), (b): Screenshot of CERTH's press release in English and Greek on CERTH's news website.

ZBW Leibniz-Informationszentrum Wirtschaft
Leibniz Information Centre for Economics

Press release

ZBW project MOVING reaches the home stretch – first results from a European research project in Science 2.0

European research consortium builds a working environment for digital information and innovation management – ZBW is the coordinating research partner and responsible for text and data mining

Kiel/Hamburg, 16 January 2018: After two years' running time, another big-budget European research project, involving nine international partners from Greece, Germany, Austria, Slovenia, Poland and the UK and led by the ZBW reaches the home stretch. The first public prototype has just gone live. MOVING aims to build a working environment for the qualitative and quantitative analysis of large collections of documents and data. The ZBW is the research partner for text and data mining under the direction of Professor Ansgar Scherp and also the scientific coordinator of MOVING, and contributes its expertise in the field of Science 2.0 to the project.

Scientists have to sift vast amounts of literature, research data, websites, tenders and social media, such as blog posts, to find the facts relevant to them, and all this under pressure of time. Fortunately, computer science offers many methods and algorithms to manage huge amounts of documents and data. Unfortunately, most of these can only be operated by experts. In 2016, the ZBW – Leibniz Information Centre for Economics decided to try to change this. Now the first public prototype of the working environment of MOVING has gone live and offers multimodal searches for literature, videos and websites: https://moving.mz.test.tu-dresden.de/. Other modules, such as the learning environment, will follow in the next fifteen months of the project's remaining duration.

On the platform MOVING, researchers can communicate with each other, collaborate for new findings, develop and share joint resources for research. In the future they will find here tools for organising work and coordinating activities as well as extensive knowledge, media content and documentations, software and data for scientific experiments. Users themselves choose the object, collaborators or tools of their research. A strong community offers constant support.

"MOVING aims to bring order to the flood of information from scholarly publications, research data, websites, tenders and social media with the help of text and data mining methods," says Ansgar Scherp, scientific coordinator of the project and professor of Knowledge Discovery at the ZBW.

MOVING is designed as a three-dimensional research project. Parallel to the digital working environment there will be a training environment for digital information and innovation management and as the third dimension a community of practice, where users can consult with and support each other. Ansgar Scherp again: "We assume that digital information and inno-

vation management will be as important a cultural technique as reading and writing. That is why the training component plays such a fundamental part beside the working environment."

MOVING is the second international research project initiated by the ZBW under Professor Klaus Tochtermann which addresses Science 2.0 in the context of Horizon 2020. The first was the EU project EEXCESS which ended in 2016 (www.eexcess.eu). With this project the ZBW continuously expands its research activities at the European level.

About MOVING – Training towards a society of data-savvy information professionals to enable open leadership innovation:
MOVING – Training towards a society of data-savvy information professionals to enable open leadership innovation is an interdisciplinary EU Research and Innovation Action (RIA) focussing on computer and media sciences. The project partners are based in Greece, Germany, Austria, Slovenia, Poland and the UK and encompass the following institutions beside the ZBW: Centre for Research and Technology Hellas (Greece), Technical University of Dresden (Germany), KNOW Center GmbH (Austria), Institute Jozef Stefan (Slovenia), University of Manchester (UK), GESIS – Leibniz Institute for the Social Sciences (Germany), Progress and Business Foundation (Poland) and Ernst & Young GmbH Wirtschaftsprüfungsgesellschaft (Germany). These partners from academia, business and research transfer aim to develop a working and training platform that on one hand enables users from academia, business and society to handle and to understand large amounts of documents and data, and on the other hand fosters the skills of researchers and users in digital information and innovation management. The project starts in April 2016 and is funded with 3.5 million Euros for a duration of three years. URL: http://www.moving-project.eu/

About the ZBW – Leibniz Information Centre for Economics:
The ZBW – Leibniz Information Centre for Economics is the world's largest information centre for economic literature. The institution holds more than 4 million media items and enables access to millions of online documents in economics. In 2016 alone, 4 million digital full-texts were downloaded. In addition, the ZBW provides a fast-growing collection of Open Access documents. The repository EconStor currently gives free access to more than 145,000 articles and working papers. EconBiz, the portal for international economic information, allows students and researchers to search among ten million datasets. The ZBW edits two journals in economic policy, Wirtschaftsdienst and Intereconomics. The ZBW is a research-based academic library. Three professors and an international group of PhD candidates do transdisciplinary research on Science 2.0. Research at the ZBW is connected to international networks. The main co-operation partners are engaged in EU projects and in the Leibniz Research Alliance Science 2.0. The ZBW is a member of the Leibniz Association and a foundation under public law. In 2011, 2012 and 2013, the ZBW was honoured for its innovative library work with the international LIBER Award for Library Innovation. In 2014, the ZBW received the German "Library of the Year" award.

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(a)

ZBW Leibniz-Informationszentrum Wirtschaft
Leibniz Information Centre for Economics

Pressemitteilung

ZBW bringt mit MOVING nächstes europaweites Science 2.0-Forschungsprojekt auf die Zielgerade

Europäisches Forschungskonsortium baut Arbeitsumgebung für digitales Informations- und Innovationsmanagement – ZBW ist koordinierender Forschungspartner und verantwortlich für Text- und Data Mining

Kiel/Hamburg, den 16. Januar 2018: Die ZBW setzt nach zwei Jahren Laufzeit ein neues hochdotiertes EU-Großprojekt mit neun internationalen Partnern aus Griechenland, Deutschland, Österreich, Slowenien, Großbritannien und Polen auf die Zielgerade. Der erste öffentliche Prototyp ist nun online. Ziel von MOVING ist der Aufbau einer Arbeitsumgebung für die qualitative und quantitative Analyse großer Dokumenten- und Datensammlungen. Die ZBW mit ihrer Expertise im Feld Science 2.0 ist Forschungspartner im Bereich Text- und Data Mining unter der Leitung von Prof. Dr. Ansgar Scherp und zudem wissenschaftlicher Koordinator von MOVING.

Wissenschaftlerinnen und Wissenschaftler müssen innerhalb kurzer Zeit aus einer Unmenge von Literatur und Forschungsdaten, Webseiten, Ausschreibungen und sozialen Medien wie Blog-Beiträgen, die für sie relevanten Fakten herauspicken. Erfreulicherweise gibt es aktuell viele verschiedene Methoden und Algorithmen in der Informatik, die großen Dokumenten- und Datenmengen zu bewältigen. Das Problem: Die meisten von ihnen lassen sich nur von Expertinnen und Experten bedienen. Die ZBW-Leibniz-Informationszentrum Wirtschaft ist 2016 angetreten, dies zu ändern. Nun liegt der erste öffentliche Prototyp mit der Arbeitsumgebung von MOVING zur multimodalen Suche in Literatur, Videos, und Webseiten vor, siehe: https://moving.mz.test.tu-dresden.de/ Weitere Bausteine, wie zum Beispiel die Lernumgebung, folgen in den kommenden 15 Monaten bis zum Ende der Projektlaufzeit.

Auf der Plattform MOVING können Forschende miteinander kommunizieren sowie zusammen neue Erkenntnisse gewinnen und gemeinsame Ressourcen für Forschungszwecke entwickeln und teilen. Neben Werkzeugen zur Arbeitsorganisation und Koordinierung von Aktivitäten finden sie hier künftig umfangreiches Wissen, Medieninhalte und Dokumentationen sowie Software und Daten für wissenschaftliche Experimente. Die Nutzerinnen und Nutzer entscheiden selbst, was, womit und mit wem sie forschen. Eine starke Community ist stets an ihrer Seite.

„MOVING will mit Text- und Data-Mining-Methoden helfen, Ordnung zu bekommen in die Informationsflut aus wissenschaftlichen Veröffentlichungen, Forschungsdaten, Websites, Ausschreibungen und sozialen Medien“, erklärt Ansgar Scherp, wissenschaftlicher Koordinator des Projektes und Professor für Knowledge Discovery an der ZBW.

MOVING ist als dreidimensionale Plattform konzipiert. Neben der digitalen Arbeitsumgebung wird es zugleich eine Trainingsumgebung für digitales Informations- und Innovationsma-

nagement geben und zum dritten eine Community of Practice, das heißt eine Anwendergemeinschaft, die sich gegenseitig berät und unterstützt. Ansgar Scherp: „Wir gehen davon aus, dass digitales Informations- und Innovationsmanagement eine ebenso wesentliche Kulturtechnik wird wie Lesen und Schreiben. Daher spielt neben der Arbeitsumgebung auch die Trainingskomponente in MOVING eine so grundlegende Rolle."

Die ZBW führt mit MOVING das mittlerweile zweite internationale Forschungsprojekt zum Themengebiet Science 2.0 im Kontext von Horizont 2020. Bereits 2016 wurde erfolgreich das EU-Projekt EEXCESS (www.eexcess.eu) beendet. Die ZBW als Informationsinfrastruktur der Leibniz-Gemeinschaft baut somit kontinuierlich ihre Forschungsaktivitäten auf europäischer Ebener aus.

Über MOVING – Training towards a society of data-savvy information professionals to enable open leadership innovation:
Das EU-Forschungsprojekt *MOVING –Training towards a society of data-savvy information professionals to enable open leadership innovation* ist ein interdisziplinäres Forschungsvorhaben des Typs Research and Innovation Action (RIA) mit Fokus auf Informatik und Medienwissenschaften. Die Projektpartner kommen aus Griechenland, Deutschland, Österreich, Slowenien, Großbritannien und Polen. Namentlich handelt es sich neben der ZBW um folgende Institutionen: Centre for Research and Technology Hellas (Griechenland), TU Dresden (Deutschland), KNOW Center GmbH (Österreich), Institut Jozef Stefan (Slowenien), Universität Manchester (Großbritannien), GESIS – Leibniz-Institut für Sozialwissenschaften (Deutschland), Progress and Business Foundation (Polen) sowie Ernst & Young GmbH Wirtschaftsprüfungsgesellschaft (Deutschland). Die Partner aus Wissenschaft, Industrie und Forschungstransfer haben sich zum Ziel gesetzt, eine Arbeits- und Trainingsplattform zu entwickeln, die es Anwendern aus Wissenschaft, Industrie und Gesellschaft ermöglicht, zum einen mit großen Dokumenten- und Datenmengen einfach umzugehen und zu verstehen und zum anderen die Kompetenzen der Forschenden und Benutzer/innen im digitalen Informations- und Innovationsmanagement zu fördern. Das Projekt startete im April 2016 und hat ein Projektvolumen von 3,5 Millionen EURO. Die Laufzeit des Projektes sind drei Jahre. URL: http://www.moving-project.eu/

Über die ZBW – Leibniz-Informationszentrum Wirtschaft:
Die ZBW – Leibniz-Informationszentrum Wirtschaft (ZBW) ist die weltweit größte Informationsinfrastruktur für die Wirtschaftswissenschaften. Die Einrichtung beherbergt rund 4 Millionen Medieneinheiten und ermöglicht den Zugang zu Millionen wirtschaftswissenschaftlicher Online-Dokumente. Allein 2016 wurden rund 4 Millionen digitale Volltexte heruntergeladen. Daneben stellt die ZBW eine rasant wachsende Sammlung von Open-Access-Dokumenten zur Verfügung. EconStor, der digitale Publikationsserver, verfügt aktuell über 150.000 frei zugängliche Aufsätze und Working Papers. Mit EconBiz, dem Fachportal für wirtschaftswissenschaftliche Fachinformationen, können Studierende oder Forschende in über 10 Millionen Datensätzen recherchieren. Zudem gibt die ZBW die beiden wirtschaftspolitischen Zeitschriften *Wirtschaftsdienst* und *Intereconomics* heraus. Die ZBW ist eine forschungsbasierte wissenschaftliche Bibliothek. Drei Professuren und eine internationale Doktorandengruppe beschäftigen sich transdisziplinär mit dem Thema Digitalisierung der Wissenschaft. Die ZBW ist in ihrer Forschung international vernetzt. Hauptsächliche Kooperationspartner kommen aus EU-Großprojekten, aus DFG-Projekten sowie aus dem Leibniz-Forschungsverbund Science 2.0. Die ZBW ist Teil der Leibniz-Gemeinschaft und Stiftung des öffentlichen Rechts. Sie wurde mehrfach für ihre innovative Bibliotheksarbeit mit dem internationalen LIBER Award ausgezeichnet. 2014 wurde die ZBW zur „Bibliothek des Jahres" gekürt.

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(b)

Figure 13 (a), (b): Screenshot of ZBW's press release in English and German on ZBW's news website.

NOVI PROJEKTI

PLATFORMA MOVING – ZA BOLJŠO INFORMACIJSKO PISMENOST IN DIGITALNE KOMPETENCE

Center za prenos znanja na področju IT in Laboratorij za umetno inteligenco sta partnerja pri evropskem projektu H2020 MOVING *(TrainInG towards a society of data-saVvy inforMation prOfessionals to enable open leadership INnovation)*, kjer zagotavlja digitalne videovsebine preko portala VideoLectures.NET (obsežne digitalne podatkovne zbirke, približno 20 000 videoposnetkov in transkriptov s prevodi). Center prav tako pripravlja in zagotavlja izobraževalne videosekvence za platformo MOVING (http://platform.moving-project.eu), ki je glavni cilj projekta in je namenjena usposabljanju informacijskih strokovnjakov. Inovativna platforma MOVING uporabnikom iz vseh družbenih sektorjev (podjetij, univerz, javne uprave) omogoča bistveno izboljšanje njihove informacijske pismenosti z usposabljanjem, kako izbrati, uporabiti in ovrednotiti metode iskanja podatkov v zvezi z njihovimi dnevnimi raziskovalnimi nalogami, da bi le-ti lahko postali informacijski strokovnjaki, ki znajo upravljati s podatki (nanašajoč se na Big data). Center pri projektu sodeluje tudi pri raziskavah, nanašajočih se na videoanalizo in časovno segmentacijo. Poudarek je na izdelavi tako imenovanih „mikrovsebin", ki so majhne učne enote (imenovane tudi medijski fragmenti) in so na voljo uporabnikom platforme MOVING. Trajanje projekta je od l. 2016 do 2019. Osnovne informacije lahko najdete na spletni strani projekta: http://moving-project.eu/.

Projekt MOVING je prejel sredstva iz programa Evropske unije za raziskave in inovacije Horizon 2020 v okviru sporazuma o dodelitvi št. 693092.

Tanja Zdolšek Draksler, CT3

12 NOVICE IJS marec 2018

Figure 14: Screenshot of JSI's press release in Slovenian in JSI's news.

3.2 Communication and dissemination activities

3.2.1 Project website

According to the web analytics data, since the online release of the project website (April 2016) almost 5000 people accessed the website, resulting in approx. 12,000 views of the website's content. The website is an active and living means for publishing information regarding the project's progress, developments, outcomes and plans. 42 news items have been published on the website so far, providing details about a variety of different activities (such as interviews, participation and organisation of events etc.).

Based on the collected data about the traffic of the project website with the help of the Piwik platform (Figure 15; data available from April 2016) and the WordPress statistics:

- The average duration of each visit was almost 3.5 minutes,
- the number of returning visitors was over 1750,

- the duration of a returning visit was almost 3.5 minutes,
- the average number of visitors per month was ~200,
- the average number of views per month was ~470,
- the countries from which the website was visited was 52 in total, and considerable interest from outside Europe was also drawn (e.g. the United States had ~1650 visits (~33%)).

All these metrics indicate that the project website has a wide range of visitors from many different countries, and the visitors are appreciating the content published on the website.

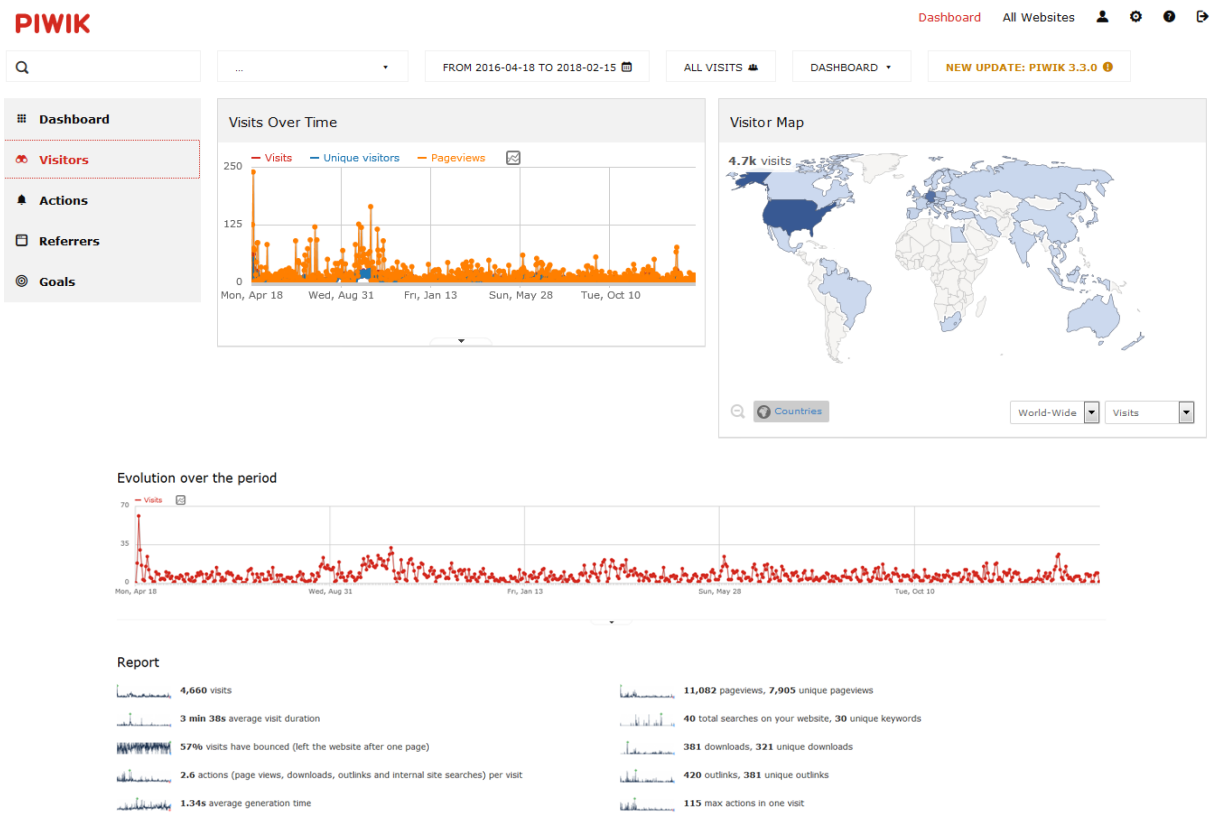


Figure 15: Data on the project website traffic, collected with Piwik.

In the course of the second year we also updated the organisation of web pages in the website. The updated webpage about the MOVING tools and services (Figure 16), for instance, now contains the integrated technologies and individual analysis tools, where almost all of them are accompanying by explanatory videos, allowing the visitors to get a clear view on the specifications and functionalities of them. The recently-introduced webpage about the project's platform (Figure 17) acts like a reference point for anyone who wishes to find out more and access the publicly available platform.

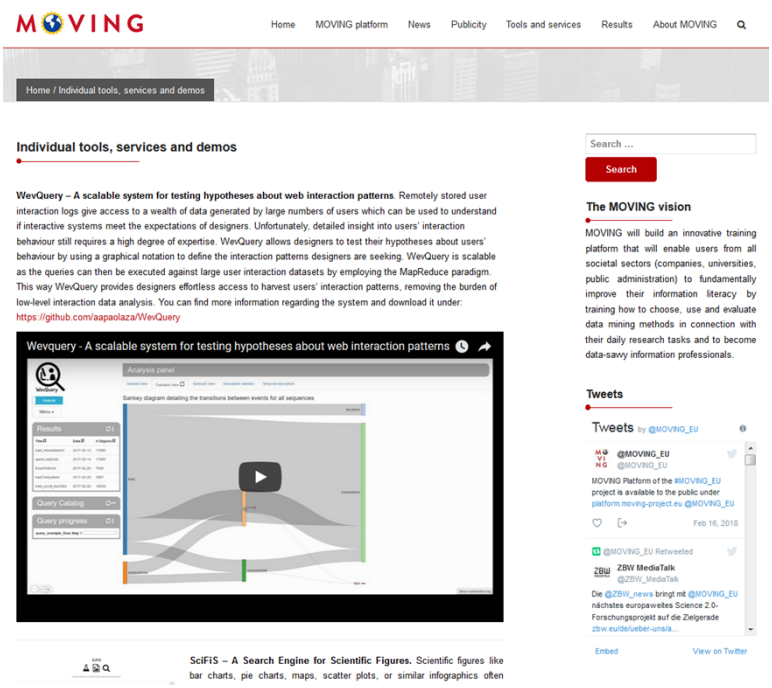


Figure 16: The MOVING tools and services webpage.

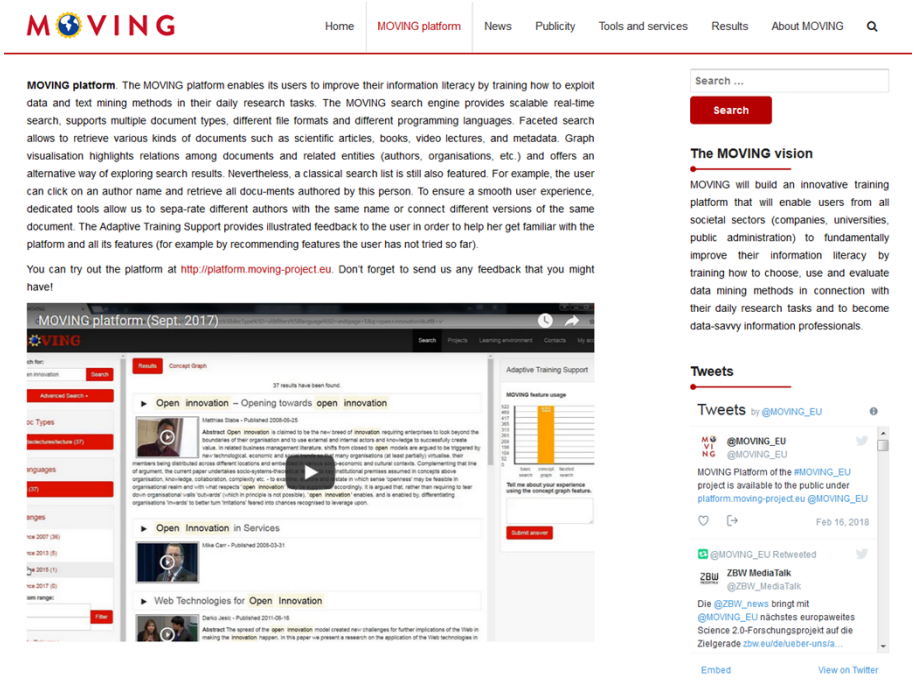
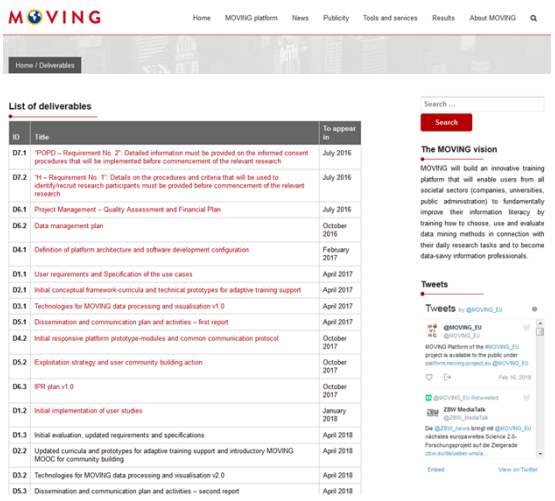
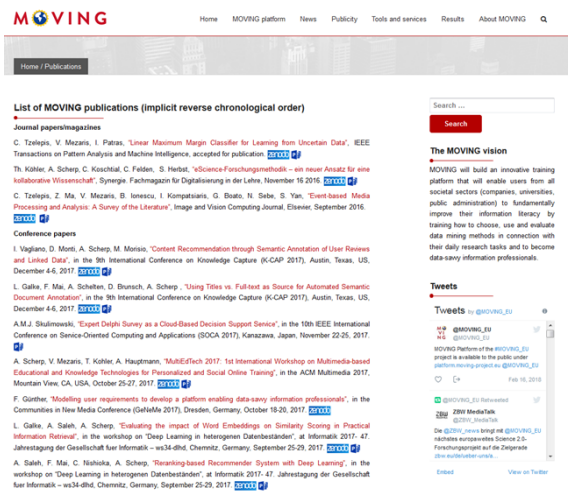


Figure 17: The recently introduced MOVING platform webpage.

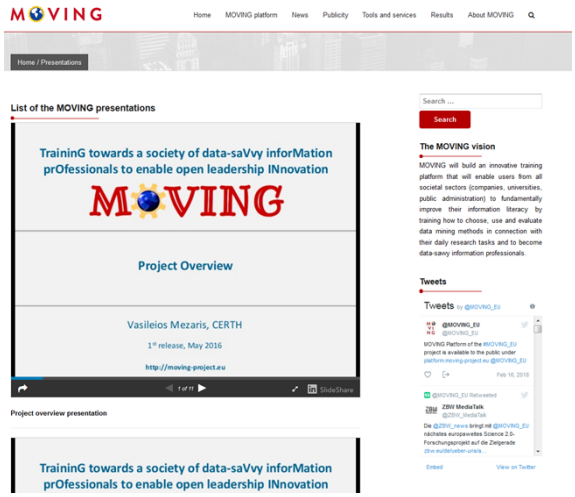
The updated webpages with the project's results (Figure 18) are a constantly extended repository of the publicly released outcomes of the project. They enable visitors to access the deliverables (without violating any DoA-defined restrictions concerning the confidential nature of some of them), the scientific publications and the given presentations.



(a)



(b)



(c)

Figure 18 (a), (b), (c): The MOVING results webpages about the released project: (a) deliverables, (b) publications and (c) presentations.

Last but not least, the events webpage about the potential and scheduled project's presence in national and international events (Figure 19) acts like a reference point for anyone who wishes to meet in person one or more of the project partners and to be informed about the latest developments of MOVING. Moreover, this webpage is a registry of past events that MOVING participated in, being a clear indicator about the dissemination and communication efforts of the project consortium during the project's lifetime.

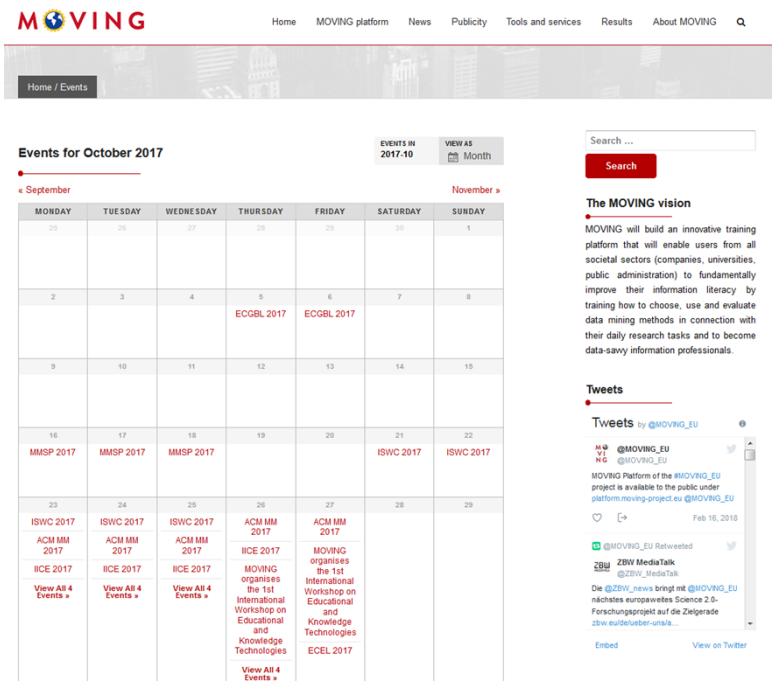


Figure 19: The MOVING events webpage.

3.2.2 YouTube and Videolecture.NET channels

YouTube and Videolecture.NET channels

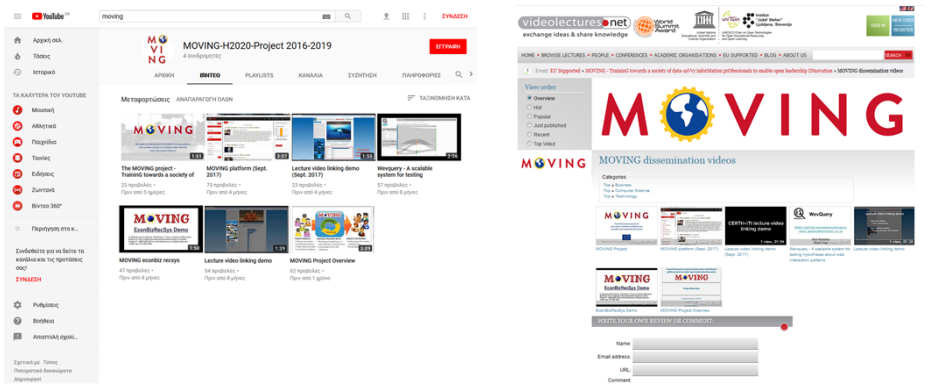
At the moment, MOVING YouTube[9] and MOVING Videolecture.NET[10] (Figure 20) channels contain 11 project videos, 8 of which were published in the last year. These videos are specifically related to the introduction and explanation of the functionalities of the MOVING platform, and the MOVING technologies. Among the videos we have also uploaded the MOVING project promotional video[11] (Figure 21) which was produced by the consortium partner JSI and published online in February 2018. Furthermore, the MOVING promotional video was uploaded to the dedicated YouTube channel of the EC-funded R&I projects[12]. At the time of writing we have already attracted almost 600 viewers in both channels. The consortium continues to produce videos, e.g. promotional videos and tutorials of the individual tools that are implemented in the platform and interviews with MOVING project staff, in order to have an attractive audio-visual dissemination channel that can also be used on the website, at exhibitions and in presentations.

[9] https://www.youtube.com/channel/UCLpMLXQQaHDv0CJMG5Sc7mg/videos

[10] http://videolectures.net/moving_videos/

[11] https://www.youtube.com/watch?v=UvtVKA32kh8

[12] https://www.youtube.com/playlist?list=PLvpwIjZTs-LjHDvRTqlyjfLeflXDak5er



(a) (b)

Figure 20 (a), (b): The MOVING YouTube and Videolectures.net channels.

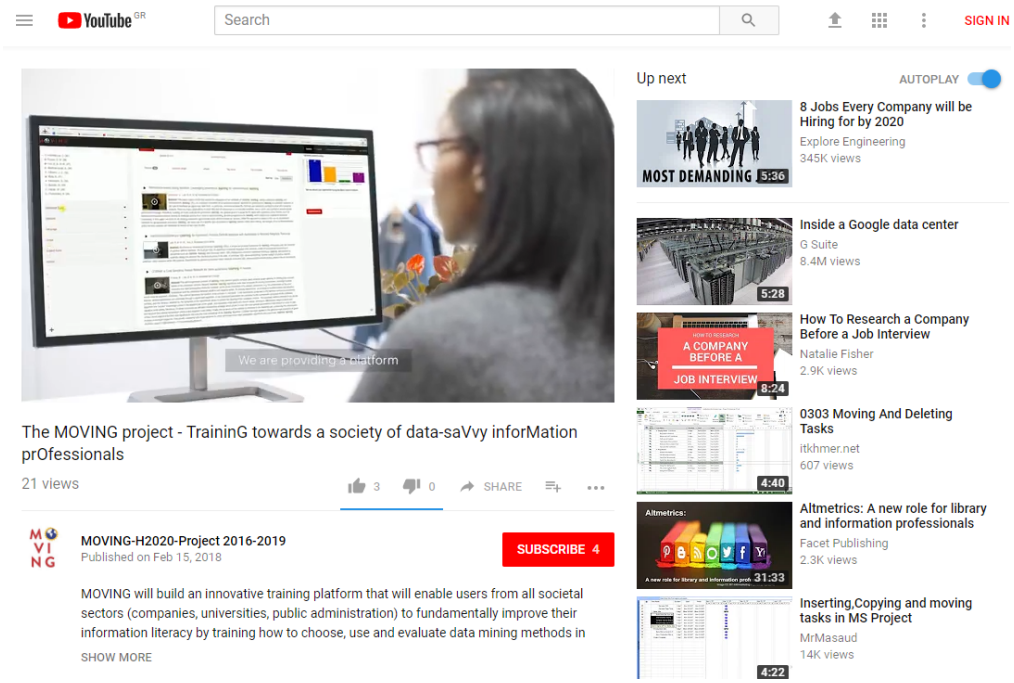


Figure 21: The MOVING promotional video.

3.2.3 MOVING open door days

MOVING was present at the ITI's and KC's open door days. In these events, the MOVING project, platform and technologies were presented to ~230 visitors including researchers, university students and faculty members from various disciplines, business representatives, and the general public. More details regarding the open door days can be found in Table 3 below.

Table 3: MOVING open door days.

1	**ITI's open door day** (Thessaloniki, Greece, 16th May 2017)

Description:

The ITI's open day event is a long-term tradition of Information Technologies Institute (ITI) of the National Centre for Research and Technology Hellas (CERTH). The event takes place every two years, and its objective is to encourage citizens to discover the innovative research conducted in their city, and to present the research development and efforts to business representatives that are interested in potential collaborations. The event is organised in cooperation with the General Secretariat of Research and Technology. ITI's open day 2017 was also part of "Europe in My Region" (#EUinMyRegion), a European Union-wide campaign, that encourages citizens to discover European projects near them.

https://www.certh.gr/1966D59F.el.aspx

MOVING role:

CERTH presented in a stand the MOVING project in general and specifically emphasised its research results in video analysis and their application to training. Figure 22 presents the MOVING lecture video analysis demo presentation at the ITI's open door day.

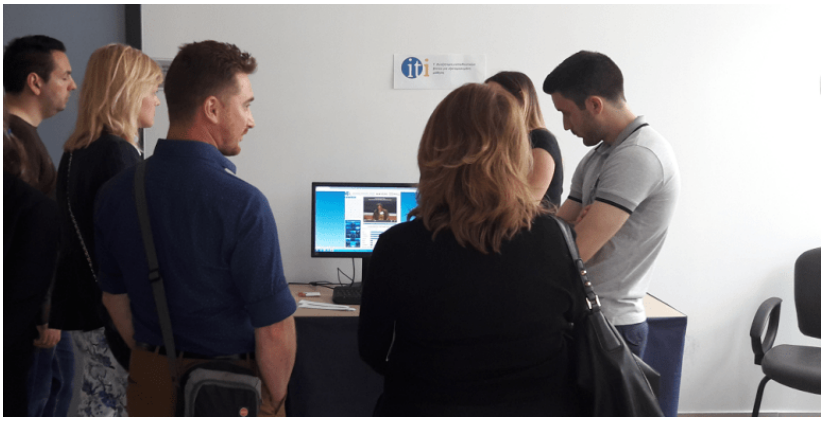


Figure 22: Chrysa Collyda from CERTH presenting MOVING lecture video analysis demo.

Title of presentation (Presenter):

"MOVING project and lecture video analysis demo", (Chrysa Collyda, CERTH).

Impact assessment:

The MOVING lecture video analysis demo was shown to more than 200 visitors including university students and faculty members from various disciplines, business representatives, and the general public. This event was related mostly to the **scientific, industry/innovators** and **general public** communities.

2	**KC's open door day** (Graz, Austria, 22nd June 2017)

Description:

Consortium partner KC organised an open door day in collaboration with the Institute of Interactive Systems & Data Science (ISDS) the Know-Center's Open Lab Day at its premises in Graz, Austria. The attendees had the opportunity to get an insight into the work and research fields of both, Know-Center and ISDS with regard to Learning 4.0. Excerpts of current projects were presented and entire teams demonstrated the way research is done at both institutions.

http://www.know-center.tugraz.at/en/know-center-und-isds-feiern-institutseroeffnung-gemeinsam-mit-open-lab-day-und-sommerfest/

MOVING role:

KC partner successfully presented the MOVING platform and the ATS widget to ~30 researchers. Figure 23 shows the opening of the KC's Open Lab Day.

Figure 23: KC's Open Lab Day opening.

Title of presentation (Presenter):

"LEARNING 4.0 - Der Mensch in der Industrie 4.0", (Stefan Thalmann, KC).

Impact assessment:

The MOVING platform and the ATS widget were shown to ~30 researchers and students. This event was related mostly to the **scientific** community.

3.2.4 Conference and event presentations

MOVING participated in 11 conferences and events with a presentation-only contribution (i.e., these were events that did not involve a MOVING scientific publication included in some sort of proceedings; they were mostly events that did not strictly focus on the scientific community). MOVING was disseminated to an audience of ~1000 attendees. More details regarding these events can be found in Table 4 below.

Table 4: MOVING presentations in various conferences and events.

1	**Latin America and Caribbean Regional Consultation on Open Educational Resources (UNESCO)** (Golden Tulip Paulista Plaza, São Paulo, Brazil, 3rd -4th April 2017)
Description: The Commonwealth of Learning[13] held six regional consultations in the lead up to the 2nd World Open Educational Resources (OER) Congress, which held in Ljubljana, Slovenia, from 18-20 September 2017. The regional consultations were organised in partnership with UNESCO[14] and the Government of Slovenia[15], and with the generous support of The William and Flora Hewlett Foundation[16]. Each regional consultation was further organised in partnership with a ministry or other agency, as appropriate, in the respective host country. The overall theme of the regional consultations was **"OER for Inclusive and Equitable Quality Education: From Commitment to Action"**, reflecting a strong focus on the role of OER in achieving Sustainable Development Goal 4 (SDG4)[17]. One of the world regional consultations was held in Latin America and Caribbean, and MOVING was included. http://rcoer.col.org/latin-america-and-caribbean.html	
MOVING role: Mitja Jermol (from partner JSI and Chair in Open Technologies for OER and Open Learning) was invited to participate at the Latin America and Caribbean Regional Consultation on OER where he gave a demonstration of the latest technologies and apps for OER, including MOVING.	
Title of paper and/or presentation (Presenter): "Demonstration of latest technologies and apps for OER", (Mitja Jermol, JSI).	
Impact assessment: The consultation involved approximately 70 national UNESCO teams and policy makers from Latin America and Caribbean, and was related mostly to the **policy makers** communities.	
2	**Pacific Regional Consultation on Open Educational Resources (UNESCO)** (Aotea Centre, Auckland, New Zealand, 29th -30th May 2017)

[13] https://www.col.org/

[14] http://en.unesco.org/

[15] http://www.mizs.gov.si/en/

[16] http://www.hewlett.org/

[17] https://sustainabledevelopment.un.org/sdg4

This was the last regional consultation that was organised on OER, before the World OER Congress in Ljubljana. Also here MOVING was included.
http://rcoer.col.org/pacific.html

MOVING role:
Mitja Jermol was invited to participate at the Pacific Regional Consultation on OER where he gave a plenary presentation regarding the planned 2nd World OER Congress and its objectives. Among others, Mitja Jermol pointed out that the congress would provide opportunities for the technology and business sectors to showcase best practices. Finally he gave a comprehensive overview of research at JSI where he introduced the research and technology projects connected to education and OER, including the MOVING project.

Title of paper and/or presentation (Presenter):
"Overview of the 2nd World OER Congress and its Objectives by Gašper Hrastelj and Mitja Jermol", (Mitja Jermol, JSI and Gašper Hrastelj, Slovenian National Commission for UNESCO at the Ministry of education, science and sport).

Impact assessment:
The consultation had approximately 30 national UNESCO teams and policy makers and was related mostly to the **policy makers** communities.

3	**World OER congress meeting** (Paris, France, 22nd and 23rd June 2017)

Description:
After the regional OER consultations worldwide, additional meeting was scheduled at the UNESCO headquarter in Paris, France, to summarize the consultations results and gathered opinions, and to present the overall goals and plan for the scheduled World OER congress 2017.

MOVING role:

Mitja Jermol presented to national UNESCO teams, the World OER Congress 2017 plan, including the satellite events (also the MOVING satellite event).

Title of paper and/or presentation (Presenter):
"2nd World OER congress and accompanying program", (Mitja Jermol,JSI).

Impact assessment:
The meeting had approximately 20 national UNESCO teams and policy makers and was related mostly to the **policy makers** communities.

4	**24th International Conference on Multiple Criteria Decision Making (MCDM'2017)** (Telfer School of Management, University of Ottawa, Ottawa, Canada, 10th-14th July 2017)

Description:

This event is the leading conference on multiple criteria decision-making (MCDM), held bi-annually since 1973. MCDM 2017 is gathering researchers and practitioners to highlight the latest application of MCDM tools to sustainable-management challenges and to explore optimal decision-making around social, environmental, health, safety, and performance objectives.

http://sites.telfer.uottawa.ca/mcdm2017/

MOVING role:

Andrzej M.J. Skulimowski from PBF had a paper presentation on sustainability of the MOVING platform in the invited session on "prospects and future challenges"[18]. The paper will be published as a book chapter in the MCDM'2017 Post Proceedings to be printed by the CRC Press. Also project leaflets were distributed during the above meeting, tweets and notes on the project web page were posted.

Title of paper and/or presentation (Presenter):

"Multicriteria decision planning with anticipatory networks", (Andrzej M.J. Skulimowski, PBF).

Impact assessment:

The event had approximately 200 top experts in multiple criteria decision-making domain from 32 countries and was related mostly to the **scientific** community.

5	**Digitale Woche Kieleek** (ZBW, Kiel, Germany, 16th – 23rd September 2017)

Description:

The main objective of the first edition of Kiel's Digital Week was to promote digitalisation as an everyday reality and creating prospects for the future. The event took place all throughout the city and more than 260 events offered a one-of-a-kind forum with a wide range of topics in the latest technologies.

https://digitalewochekiel.de/

MOVING role:

Till Blume from ZBW had the opportunity to give a talk about the MOVING project generally and about the research results conducted in it. He also presented the current MOVING platform prototype in the context of the Kiel's Digital week.

Title of paper and/or presentation (Presenter):

"Moving project and platform presentation" (Till Blume, ZBW).

Impact assessment:

The event had ~10 attendees and was related mostly to the **general public** community.

[18] http://sites.telfer.uottawa.ca/mcdm2017/files/2016/08/MCDM-2017-Scientific-Program-June-29.pdf

6	**Enabling Space** (Know-Center, Graz, Austria, 18th September 2017)
Description: Enabling Space is an industry-oriented event organised by the SFG (Steirische Wirtschaftsförderung). KC hosted this event at their headquarters in Graz, Austria, giving the participants the possibility to learn more about their Big Data support services and their research function. https://www.sfg.at/cms/393/5826	
MOVING role: Among the services that were presented the consortium partner KC had the opportunity to present the MOVING platform and the ATS widget.	
Title of paper and/or presentation (Presenter): "The MOVING project", (Hermann Stern & Stefan Thalmann, KC).	
Impact assessment: The event had approximately 100 industry contacts and other participants and was related mostly to the **industry/innovators** and **scientific** communities.	
7	**Research Colloquium of the ZBW** (ZBW, Kiel, Germany, 20th September 2017)
Description: Research Colloquium of the ZBW is a dissemination and communication event for the internal staff of ZBW as well as external interested people. http://www.zbw.eu/en/colloquium/	
MOVING role: Lukas Galke from ZBW had a MOVING paper presentation about the evaluation results of the comparison of the performance of several techniques that leverage word embeddings in the retrieval models to compute the similarity between the query and the documents, as well as the MOVING novel inverse document frequency (IDF) re-weighted word centroid similarity.	
Title of paper and/or presentation (Presenter): "Evaluating the Impact of Word Embeddings on Similarity Scoring in Practical Information Retrieval and Reranking-based Recommender System with Deep Learning", (Lukas Galke, ZBW).	
Impact assessment: The colloquium had more than 15 researchers from ZBW and was related mostly to the **scientific** community.	
8	**i-KNOW 2017** (Messe Congress Graz, Graz, Austria, 11th- 12th October 2017)

Description: The International Conference on Knowledge Technologies and Data-driven Business – i-KNOW is a premier conference in knowledge technologies such as Knowledge Discovery, Semantics, Information Visualization, Visual Analytics, Social (Semantic) and Ubiquitous Computing. https://i-know.tugraz.at/	
MOVING role: Viktoria Pammer-Schindler and Angela Fessl from KC served as a co-organiser of the scientific workshop: "Technology enhanced learning in health professions education". Viktoria Pammer-Schindler presented learning technologies for creating awareness and engaging in reflective learning.	
Title of paper and/or presentation (Presenter): MOVING platform and ATS widget presentation at KC's booth (Angela Fessl, KC).	
Impact assessment: The conference gathered more than 500 leading researchers and developers from more than 30 nations and more than 60 companies from knowledge discovery disciplines. The conference was related mostly to the **scientific** and **industry/innovators** community.	
9	**12th International Conference on Multiple Objective Programming and Goal Programming** (MOPGP 2017, UFR MIM, Metz-Technopole, Metz, France, 30th- 31st October 2017)
Description: The International Conference on Multiple Objective Programming and Goal Programming (MOPGP) is an international conference series devoted to multi-objective programming and goal programming (MOP/GP). This conference is a forum within which researchers and practitioners can meet and learn from each other about recent development in MOP/GP. Amongst the participants are academicians and practitioners whose common interest is in multi-objective decision analysis. http://mopgp.org/	
MOVING role: Andrzej M.J. Skulimowski (PBF) described the prioritisation methodology and the principal prioritisation results and referred to the technological hints arising from the Delphi survey performed in the framework of the MOVING project.	
Title of paper and/or presentation (Presenter): "Applications of the reference set method to prioritization of technological strategies of a knowledge repository" [19], (Andrzej M.J. Skulimowski, PBF).	

[19] http://mopgp.org/wp-content/uploads/2017/10/MOPGP2017_final.pdf

Impact assessment: The conference had about 80 researchers and practitioners of multi-objective programming and goal programming MOP/GP and was related mostly to **scientific** community.	
10	**Fördermöglichkeiten für Projekte im Bereich der Informations- und Kommunikationstechnologie in der Investitionsbank Schleswig-Holstein** (Enterprise Europe Network Hamburg / Schleswig-Holstein by IB.SH , Kiel, Germany, 16th November 2017)
Description: This event was about funding opportunities in ICT. https://www.diwish.de/termin/foerdermoeglichkeiten-fuer-projekte-im-bereich-der-informations-und-kommunikationstechnologie.html	
MOVING role: Ansgar Scherp (ZBW) presented the MOVING project in front of ~30 decision makers, CEOs, etc. in the public and private sector on 16th of November 2017, at the Enterprise Europe Network Hamburg / Schleswig-Holstein by IB.SH (an investment bank in Schleswig-Holstein).	
Title of paper and/or presentation (Presenter): "The MOVING project", (Ansgar Scherp, ZBW).	
Impact assessment: The presentation gathered ~30 decision makers, CEOs etc. in the public and private sector and was related mostly to the **policy makers**, and **industry/innovators** communities.	
11	**Research Colloquium of the ZBW** (ZBW, Kiel, Germany, 28th November 2017)
Description: Research Colloquium of the ZBW is a dissemination and communication event for the internal staff of ZBW as well as external interested people. http://www.zbw.eu/en/colloquium/	
MOVING role: Lukas Galke from ZBW had a MOVING paper presentation that discussed the possibility of using titles vs. full-text as source for automated semantic document.	
Title of paper and/or presentation (Presenter): "Using Titles vs. Full-text as Source for Automated Semantic Document Annotation", (Lukas Galke, ZBW).	
Impact assessment: The colloquium had more than 15 researchers from ZBW and was related mostly to **scientific** community.	

3.3 Dissemination activities

3.3.1 MOVING information days

Technologies for OER and Open Education and stand of MOVING at the 2nd World OER Congress in Ljubljana

MOVING and more specifically, consortium partners JSI, CERTH, ZBW and TUD participated in the "**2nd World OER Congress**"[20] in Ljubljana, Slovenia on 18-20 September 2017 by organising the satellite event titled "Technologies for OER and Open Education", which aimed to improve the innovative capacity of the European society (information literacy, information management and knowledge management) and by having a stand with demos and videos at the main congress exhibition hall throughout the duration of the congress. The event followed the Digital Agenda for Europe, stating "Member States to mainstream eLearning in national policies for the modernisation of education and training, including in curricula, assessment of learning outcomes and the professional development of teachers and trainers". It also allowed actors currently involved in open education, knowledge management and information management projects in Europe to present the results of their work to people from all societal sectors (companies, universities and other education players, public administration and policy makers) who can benefit from a fundamental improvement of their information literacy. As information literacy itself is emerging as a distinct skill set and a necessary key to one's social and economic well-being in an increasingly complex information society, it is also important in the contemporary environment of rapid technological change and proliferating information resources, to give it the place it demands in education, specifically open education. A detailed program for the MOVING event can be reached under the satellite event agenda[21] and the reader has also the possibility to watch the video presentations of the event that consortium partner JSI filmed and published to the VideoLectures.NET portal[22]. Figure 24 shows the prepared flyer for the MOVING satellite event, distributed at the congress.

[20] http://www.oercongress.org/

[21] http://www.oercongress.org/event/european-commission-open-education-projects/

[22] http://videolectures.net/oercongress2017_satellite_events/

Figure 24: The MOVING satellite event flyer.

The MOVING satellite event was an opportunity for presenting the latest developments in various MOVING-related technologies (video understanding, advanced visualisation, search technologies, smart learning etc.) and had about 25 participants from different sectors (EC, companies, policy makers), including teachers, researchers, linguists, IPR lawyers, public administrators etc. The participants were from different countries and continents (Germany, Spain, Slovenia, Italy, Greece, Nigeria, South Africa etc.). This participation made possible the exchange of contacts, for investigating further cooperation possibilities.

(a)

(b)

(c)

Figure 25 (a), (b), (c): Vasileios Mezaris (CERTH), Thomas Köhler (TUD), and Iacopo Vagliano (ZBW) presenting the MOVING OER technologies in the satellite event.

Furthermore to the satellite event, MOVING was also present at the congress exhibition, which served as an efficient tool to reach all of the >500 congress participants. The MOVING stand (Figure 26) featured a MOVING poster and flyers. In addition, there were a laptop and a screen, showing the latest version of the MOVING platform, and other MOVING technologies for which short video demos had been prepared specifically for this occasion.

Figure 26: The MOVING stand at the congress exhibition.

Overall, the OER congress was organised by UNESCO, the Slovenian Ministry of Education, Science and Sport, and the UNESCO Chair on Open Technologies for OER and Open Learning which is located at JSI (MOVING consortium member). The congress attracted 512 participants from 111 countries, including top policy makers (among them the EU Commissioner for Education, the UNESCO Deputy Director General, the UNESCO Assistant Director General for Education, and 30 ministers from many countries). For more details on the OER Congress in general you can visit http://www.oercongress.org/ and http://en.unesco.org/news/ljubljana-oer-action-plan-2017-adopted-support-quality-open-licensed-educational-resources?platform=hootsuite. This event was related mostly to the **policy makers** community.

(a) (b)

Figure 27 (a), (b): Keynote speeches and panel discussions at the OER Congress.

Figure 28: The OER Congress main stage.

3.3.2 MOVING user days

Expert Seminar on "Exploitation of the MOVING results by academic communities"

The MOVING platform and its exploitation potential have been presented by Andrzej M.J. Skulimowski (PBF) at the **Expert Seminar** on "Exploitation of the MOVING results by academic communities" at the PBF's premises in Kraków on the 30th of June 2017. The seminar had 12 experts from 7 Polish institutions and was related mostly to the **scientific** and **industry/innovators** communities.

Figure 29: Andrzej M.J. Skulimowski from PBF presents the MOVING platform concept at the Expert Seminar.

Seminar for students and young researchers

A seminar for students and young researchers, including a presentation of the MOVING knowledge repository capabilities and a discussion on knowledge repository in the context of decision support, e-science, business models and forecasting, was organised by the DSS Laboratory of the AGH University of Science and Technology, the Student Scientific Society on Financial Modelling, and the PBF at the AGH premises in Kraków on the 22nd of June 2017. The seminar, that comprised altogether 12 presentations and discussions, had 22 participants, mostly PhD students from the Faculty of Electrical Engineering, Automatic Control, Computer Science and Biomedical Engineering and MSc students from the Faculty of Mechanical Engineering and Robotics of the AGH UST. The event was related mostly to the **scientific** community.

Figure 30: A presentation at the young and researcher's seminar at the AGH University.

Seminar for young researchers in JSI

The MOVING project (the platform and technologies) has been presented by the consortium member Tanja Zdolsek Draksler (JSI), to young researchers from JSI. The presentation held on the 10th of January 2018 aimed to attract potential users. The seminar was attended by 30 researchers from other JSI research departments (ICT field) and it was related mostly to the **scientific** community.

Innovation@EY events

During the second year of the project Dr. Michael Wiese from EY gave two presentations about the updates in the MOVING platform, first to the GSA Innovation@EY and second at the Global Assurance R&D. GSA Innovation@EY is a cross-service line and cross-functional initiative in GSA and supported by the EY GSA leadership. The team consists of (~20) professionals who have innovation roles in their respective service lines. Global Assurance R&D consists of ~25 financial auditors engaged in key development projects on data analytics and qualitative data analysis. Both initiatives represent groups of the targeted users of the platform. The MOVING platform can be used

purposefully to improve their open innovation skills and expand the open innovation culture within EY. These events were related to the **industry/innovators** community.

3.3.3 Scientific workshops organisation

MultiEdTech2017 at the ACM Multimedia Conference 2017

MOVING organised the 1st International Workshop on Educational and Knowledge Technologies (MultiEdTech2017) at the ACM Multimedia Conference that took place on 23-27 October 2017 at Mountain View, CA, USA. A keynote talk and four oral paper presentations were delivered at the workshop and sparked very interesting discussions particularly on visualisation technologies on multimedia content available in specialised learning platforms, the Web, mobile devices and/or social networks for supporting personalised and adaptive e-learning and training. The complete set of presentations is available at the workshop's website[23]. The workshop's proceedings have also been made available by the ACM, and can be accessed at https://dl.acm.org/citation.cfm?id=3132390. The event gathered ~25 attendees of the multimedia technologies field and was related mostly to the **scientific** community.

3.3.4 Scientific publications

The MOVING consortium produced 18 scientific publications that were presented /published in 12 conferences and workshops as well as one journal. As a result of these presentations of scientific results in conferences and workshops, MOVING was disseminated to an audience of ~2200 attendees. More details regarding these events can be found in Table 5 below.

Table 5: MOVING scientific publications.

Journal publications	
1	**IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)**
Description: The IEEE Transactions on Pattern Analysis and Machine Intelligence publishes articles on all traditional areas of computer vision and image understanding, all traditional areas of pattern analysis and recognition, and selected areas of machine intelligence, with a particular emphasis on machine learning for pattern analysis. http://ieeexplore.ieee.org/xpl/aboutJournal.jsp?punumber=34	

[23] http://moving-project.eu/MultiEdTech2017/

MOVING role: CERTH presented a new classifier, the SVM-GSU (SVM with Gaussian Sample Uncertainty), that deals with uncertainty in data input. The classifier was tested on synthetic data and five publicly available and popular datasets; namely, the MNIST, WDBC, DEAP, TV News Channel Commercial Detection, and TRECVID MED datasets. Experimental results on video annotation verified the effectiveness of the proposed method.	
Title of paper (Authors): "Linear Maximum Margin Classifier for Learning from Uncertain Data", (Christos. Tzelepis, Vasileios Mezaris, Ioannis Patras).	
Impact assessment: The journal has one of the highest Impact Factors among ICT journals, equal to 8,329.	
Paper presentations in scientific events	
1	"**Lern-und Wissensmangement im Zeitalter der Industrie 4.0 (LeWIn4.0)"** at the "**9th Conference Professional Knowledge Management** " (Karlsruhe, Germany, 5th – 7th April 2017)
Description: The workshop was focused in knowledge management in Industry 4.0[24]. http://wm2017.aifb.kit.edu/lern-und-wissensmanagement-im-zeitalter-der-industrie-4-0.html	
MOVING role: KC and TUD participated in the workshop by presenting two extended abstracts and a poster. TUD presented "MOVING the Industry 4.0", which represented the initial concept of the MOVING platform from a didactical point of view. KC gave a presentation about "Adaptive and Reflective Training Support for Improving Search Behaviour in Industry 4.0" and presented a poster with the same topic. More specifically, KC presented the Adaptive Training Support tool, which is implemented in MOVING, that provides guidance for learning how to use the MOVING platform and improve the search behaviour. After the presentations interesting questions and answer session followed. The proceedings of the workshop can be found under: http://ceur-ws.org/Vol-1821/ .	
Title of paper (Authors): "MOVING the Industry 4.0", (Franziska Günther, TUD). "Adaptive and Reflective Training Support for Improving Search Behaviour in Industry 4.0", (Angela Fessl, KC).	

[24] https://en.wikipedia.org/wiki/Industry_4.0

Impact assessment: The workshop gathered more than 30 researchers from the knowledge and management domain and was related mostly to the **scientific** community.	
2	**12th IEEE Conference on Automatic Face and Gesture Recognition (FG 2017)** (Washington, DC, US, 30th May – 3rd June 2017)
Description: The conference is the premier international forum for research in image and video-based face, gesture, and body movement recognition. Its broad scope includes: advances in fundamental computer vision, pattern recognition and computer graphics; machine learning techniques relevant to face, gesture, and body motion; new algorithms and applications. http://www.fg2017.org/	
MOVING role: CERTH co-authored a paper on machine learning technologies for face recognition.	
Title of paper (Authors): "Generic to Specific Recognition Models for Membership Analysis in Group Videos", (Wenxuan Mou, Christos Tzelepis, Vasileios Mezaris,Hatice Gunes, Ioannis Patras).	
Impact assessment: The conference gathered more than 100 researchers and was related mostly to the **scientific** community.	
3	**ACM International Conference on Multimedia Retrieval 2017 (ICMR 2017)** (Bucharest, Romania 6th – 9th June 2017)
Description: The ACM International Conference on Multimedia Retrieval (ICMR) is the premier conference in multimedia retrieval systems. This conference, putted together the experience of former ACM CIVR and ACM MIR series, and improved the state of the arts in multimedia (text, image, video, audio, sensor data, 3D) retrieval. https://www.icmr2017.ro/	

MOVING role:

CERTH presented two research papers and a demo paper at the conference. More specifically, CERTH presented the: (a) "Query and Keyframe Representations for Ad-hoc Video Search" paper, which is a fully-automatic method that combines video concept detection and textual query analysis in order to solve the problem of ad-hoc video search; (b)"Concept Language Models and Event-based Concept Number Selection for Zero-example Event Detection" paper, which describes a fully-automatic zero-example event detection method that is based on translating the event description to a predefined set of concepts; and (c)"VideoAnalysis4ALL: An on-line tool for the automatic fragmentation and concept-based annotation, and the interactive exploration of videos" demo paper, which is a tool that supports the automatic fragmentation and concept-based annotation of videos, and the exploration of the annotated video fragments through an interactive user interface.

Finally, we are pleased to report that our paper: "Concept Language Models and Event-based Concept Number Selection for Zero-example Event Detection" received the Best Poster Award.

Title of paper (Authors):

"Query and Keyframe Representations for Ad-hoc Video Search", (Foteini Markatopoulou, Damianos Galanopoulos, Vasileios Mezaris, Ioannis Patras).

"Concept Language Models and Event-based Concept Number Selection for Zero-example Event Detection", (Damianos Galanopoulos, Foteini Markatopoulou, Vasileios Mezaris, Ioannis Patras).

"VideoAnalysis4ALL: An on-line tool for the automatic fragmentation and concept-based annotation, and the interactive exploration of videos", (Chrysa Collyda, Evlampios Apostolidis, Alexandros Pournaras, Foteini Markatopoulou, Vasileios Mezaris, Ioannis Patras).

Impact assessment:

The conference gathered more than 200 researchers and was related mostly to the **scientific** community.

4	**16th International Conference on Artificial Intelligence and Soft Computing (ICAISC 2017)** (Zakopane, Poland, 11th -15th June 2017)

Description:

This yearly conference provided an excellent opportunity for scientists and engineers to present and discuss the latest scientific results and methods in the domains of Artificial Intelligent and Soft Computing.

http://icaisc2017.icaisc.eu/

MOVING role:

Andrzej M.J. Skulimowski (PBF) presented the paper on "Cognitive Content Recommendation in Digital Knowledge Repositories – a Survey of Recent Trends" with the results of MOVING. The paper published by Springer in the Lecture Notes in Artificial Intelligence.

Title of paper (Authors): "Cognitive Content Recommendation in Digital Knowledge Repositories – a Survey of Recent Trends", (Andrzej M.J. Skulimowski). **Impact assessment:** The conference gathered over 150 top experts in Artificial Intelligence from 33 countries, and it was related mostly to the **scientific** community.	
5	**9th ACM SIGCHI Symposium on Engineering Interactive Computing Systems** (Lisbon, Portugal, 26th-29th June 2017)
Description: EICS 2017 is a conference devoted to engineering usable and effective interactive computing systems. eics.acm.org/2017/ **MOVING role:** Aitor Apaolaza (UMAN) presented the paper "WevQuery: Testing Hypotheses about Web Interaction Patterns" at the conference. WevQuery supports the testing of hypothesis about user interaction, by allowing designers to create queries based on event sequences easily. This way WevQuery makes complex and messy low-level Web interaction events, such as mouse movement and key presses, accessible to users with little or none querying expertise. A demo has also been presented, so the assistants to the conference could use WevQuery's interface to create their queries. For their work on WevQuery, Aitor Apaolaza and Markel Vigo have been awarded the best paper award at the conference. WevQuery is built in the context of the MOVING project, where a dashboard for user interaction analysis will provide behavioural data to other tasks including the Adaptive Training Support that will generate personalised learning opportunities. Finally, the WevQuery demos run to assistants to the conference. **Title of paper (Authors):** "WevQuery: Testing Hypotheses about Web Interaction Patterns", (Aitor Apaolaza, UMAN). **Impact assessment:** The conference gathered over ~30 experts who study or practice the engineering of interactive systems, drawing from HCI, Software Engineering, Requirements Engineering, CSCW, Ubiquitous / Pervasive Systems and Game Development, and it was related mostly to the **scientific** community.	
6	**IEEE/WIC/ACM International Conference on Web Intelligence 2017 (WI17)** (Leipzig University, Information Systems Institute, Leipzig, Germany, 23rd-26th August 2017)

Description: The WI conference is dedicated in Web Intelligence (WI) technologies associated with Collective Intelligence, Data Science, Human-Centric Computing, Knowledge Management, and Network Science. http://webintelligence2017.com/	
MOVING role: Chifumi Nishioka (ZBW) had a paper presentation about an in-depth analysis of the life span of triples in RDF documents by applying a simple but effective linear regression model and proposed a novel crawling strategy based on this model.	
Title of paper (Authors): "Keeping linked open data caches up-to-date by predicting the life-time of RDF triples" (Chifumi Nishioka, ZBW).	
Impact assessment: The conference gathered ~20 researchers, and it was related mostly to the **scientific** communities.	
7	**11th ACM Conference on Recommender Systems (RecSys)** (Como, Italy, 27th -31st August 2017)
Description: The ACM Recommender Systems conference (RecSys) is the premier international forum for the presentation of new research results, systems and techniques in the broad field of recommender systems. https://recsys.acm.org/recsys17/	
MOVING role: Diego Monti (from polytechnico di Torino) presented the SemRevRec recommendation system at the poster madness session. The system provided more diverse recommendations with respect to the other techniques considered, while obtaining a better accuracy than the Linked Data based method.	
Title of paper (Authors): "SemRevRec: A Recommender System based on User Reviews and Linked Data", (Iacopo Vagliano, Diego Monti, Maurizio Morisio, ZBW).	
Impact assessment: The conference gathered over 600 experts working on recommender systems, along with many of the world's leading e-commerce companies, and it was related mostly to the **scientific** and **industry/innovators** communities.	
8	**The 7th Workshop on Awareness and Reflection in Technology Enhanced Learning (ARTEL 2017) in the context of the EC-TEL 2017** (Tallinn, Estonia, 12th September 2017)

Description: ARTEL workshop is targeted at research and development on awareness and reflection in Technology Enhanced Learning (TEL) across disciplines (CSCW, psychology, educational science, computer science) and across European TEL projects. http://www.teleurope.eu/pg/pages/view/400490/	
MOVING role: Viktoria Pammer-Schindler (KC) presented a paper for the reflection intervention concept that intends to nudge auditors to reflect on their search behaviour and to trigger informal learning in terms of by trying out new or less frequently used search features.	
Title of paper (Authors): "Improving Search Strategies of Auditors – A Focus Group on Reflection Interventions", (Angela Fessl, Viktoria Pammer, Michael Wiese and Stefan Thalmann).	
Impact assessment: The conference gathered ~20 researchers and practitioners in the field of Technology Enhanced Learning, and it was related mostly to the **scientific** community.	
9	**WS34 Deep Learning in heterogenen Datenbeständen at Informatik 2017** (Chemnitz, Germany, 25th – 29th September 2017)
Description: Informatik is a congress organised by members of the TUC and VSR for the German Informatics Society (GI), the largest informatics association in the German-speaking world. https://informatik2017.de/ws34-dlhd/	
MOVING role: Consortium partner ZBW presented two papers at the workshop on "Deep Learning in heterogenen Datenbeständen" by evaluating the impact of word embeddings in similarity scoring in practical information retrieval and by providing a recommender system with deep learning.	
Title of paper (Authors): "Evaluating the impact of Word Embeddings on Similarity Scoring in Practical Information Retrieval", (Lukas Galke, Ahmed Saleh, Ansgar Scherp). "Reranking-based Recommender System with Deep Learning", (Ahmed Saleh, Florian Mai, Chifumi Nishioka, Ansgar Scherp).	
Impact assessment: The conference gathered ~700 researchers and had ~220 presentations in Information and communications technology, and it was related mostly to the **scientific** community.	
10	**Communities in New Media (GeNeMe 2017)** (TUD, Dresden, Germany,18th -20th October 2017)

Description: The conference presents innovative technologies and processes for the organisation, cooperation and communication in virtual communities and is a forum for professional exchange especially in the fields of knowledge management and online learning. www.geneme.de	
MOVING role: Franziska Günther (TUD) presented a poster with the methodology of modelling user requirements for the MOVING platform.	
Title of paper (Authors): "Modelling user requirements to develop a platform enabling data-savvy information professionals" (Franziska Günther, TUD).	
Impact assessment: The conference gathered more than 120 researchers and practitioners in education, and it was related mostly to the **scientific** community.	
11	**12th International Conference on Knowledge Information and Creativity** Support Systems **(KICSS'2017)** (Nagoya, Japan, 9th -11th November 2017)
Description: The conference presents methods, technologies and software for the creativity, innovation and decision support and is a forum for scientific and professional exchange especially in the fields of creativity support, knowledge management and learning support systems. http://www.itolab.nitech.ac.jp/KICSS2017/index.html	
MOVING role: Thomas Koehler (TUD) presented a paper with the methodology of selecting functionalities for the MOVING platform. In this paper, the authors intend to link a creative research scenario recommendation and its impacts on research and innovation processes with the previous results regarding creativity stimulation in online learning support systems and the MOVING platform.	
Title of paper (Authors): "Increasing Research Creativity Through Open Innovation Platforms" (Thomas Koehler, TUD, Andrzej M.J. Skulimowski, PBF).	
Impact assessment: The conference gathered more than 50 researchers and practitioners, and it was related mostly to the **scientific** community.	
12	**9th International Conference on Knowledge Capture (K-CAP 2017)** (Austin, Texas, US, 4th -6th December 2017)

Description: The K-CAP conference attracting researchers from diverse areas of Artificial Intelligence, including knowledge representation, knowledge acquisition, intelligent user interfaces, problem-solving and reasoning, planning, agents, text extraction, and machine learning, information enrichment and visualisation, as well as researchers interested in cyber-infrastructures to foster the publication, retrieval, reuse, and integration of data. https://k-cap2017.org/
MOVING role: Iacopo Vagliano (ZBW) presented the paper: "Content Recommendation through Semantic Annotation of User Reviews and Linked Data", where he introduced a new recommendation approach which exploits the semantic annotation of user reviews to extract useful and non-trivial information about the items to recommend. Lukas Galke (ZBW) presented the paper: "Using Titles vs. Full-text as Source for Automated Semantic Document Annotation", where he introduced the comparison between the classifications obtained from analyzing the documents' titles, and the semantic annotations obtained from analyzing the full-text.
Title of paper (Authors): "Using Titles vs. Full-text as Source for Automated Semantic Document Annotation", (Lukas Galke, Florian Mai, Alan Schelten, Dennis Brunsch, Ahmed Scherp). "Content Recommendation through Semantic Annotation of User Reviews and Linked Data" (Iacopo Vagliano, Diego Monti, Ahmed Scherp, Maurizio Morisio).
Impact assessment: The conference gathered ~150 researchers interested in knowledge capture technologies and ~50 in the paper presentations, and it was related mostly to the **scientific** community.

3.3.5 Invited talks

MOVING also was invited in 3 events where the consortium partners gave presentations about the MOVING project and its technologies. MOVING was disseminated to an audience of ~200 attendees. More details regarding these events can be found in Table 6 below.

Table 6: MOVING invited talks.

1	**Demokratie 4.0 – Chance oder Risiko? Medienwandel und Bürgerbeteiligung in der Kommunalpolitik** (Neues Rathaus Dresden Rathausplatz 1, Dresden, Germany, 10th June 2017)
Description: The usage of digital tools as a starting point for citizens' participation and scientific collaboration was the focus of the workshop "Democracy 4.0 – opportunity or risk? Media change and participation in local politics", which was held on the open city hall day in Dresden. https://tu-dresden.de/gsw/der-bereich/termine/Demokratie-4-0-Chance-oder-Risiko-Medienwandel-und-Buergerbeteiligung-in-der-Kommunalpolitik	

MOVING role: MOVING technology and use cases were presented and discussed by Prof. Dr. Thomas Köhler in the Workshop "Democracy 4.0 - opportunity or risk? Media change and participation in local politics", (on the open city hall day) in Dresden. The workshop also included a public round table debate.	
Title of presentation (Presenter): "Agile Publika und Science 2.0", (Thomas Köhler, TUD).	
Impact assessment: The workshop gathered local politicians, researchers, and about 50 citizens, and was related mostly to the **policy makers**, **scientific** and **general public** communities.	
2	**Leibniz Institute for Psychology Information (ZPID – Vortragsreihe**) (Trier, Germany, 27th June 2017)
Description: ZPID is the psychology information center for the German-speaking countries, creating electronic databases on literature, tests, research data, audiovisual media, and web resources to meet the information needs of scientists and psychology professionals. https://www.zpid.de/index.php?lang=EN	
MOVING role: Thomas Köhler (TUD) was invited by the information professionals of the Leibniz Institute for Psychology Information (ZPID), and gave a lecture (in German) in order to discuss approaches to the empirical and theoretically substantiated further development of scientific practice.	
Title of presentation (Presenter): "Moving Science toward 2.0? Ansätze für die empirisch und theoretisch begründete Weiterentwicklung wissenschaftlicher Praxis"[25], (Thomas Köhler, TUD).	
Impact assessment: The lecture gathered about 25 information professionals, and was related mostly to the **scientific** community.	
3	**10th IEEE International Conference on Service-Oriented Computing and Applications (SOCA 2017)** (Kanazawa, Japan, 22nd-25th November 2017)

[25] https://www.uni-trier.de/index.php?id=12274&no_cache=1&no_cache=1&urt_veranstaltungskalender%5Bcmd%5D=showEve&urt_veranstaltungskalender%5Bdate%5D=2017%2F06%2F27&urt_veranstaltungskalender%5Bevent%5D=9295

Description: The 2017 IEEE International Conference on Service-Oriented Computing and Applications provides an international forum for researchers from multiple disciplines to exchange and share their experiences, ideas, and latest research results on all aspects of service-oriented computing. http://conferences.computer.org/soca/
MOVING role: Andrzej M.J. Skulimowski (PBF) was invited to give the talk on "Expert Delphi Survey as a Cloud-Based Decision Support Service" at SOCA 2017. The presentation contained the Delphi survey for the exploitation strategy building, and general outlines of the MOVING project.
Title of presentation (Presenter): "Expert Delphi Survey as a Cloud-Based Decision Support Service", (Andrzej M.J. Skulimowski , PBF)
Impact assessment: Over 100 experts (researchers and ICT practitioners) from all over the world attended this session where a long and vivid discussion took place. The conference was related mostly to the **scientific** community.

3.3.6 Demonstrations

The MOVING project and the MOVING platform in particular were presented and demonstrated at the Open Science conference where policy makers, researchers and practitioners participated. More details regarding this event can be found in Table 7 below.

Table 7: MOVING demonstrations.

1	**Open Science Conference and Barcamp Open Science** (Berlin, Germany, 13th-14th March 2018)
Description: The Open Science Conference 2018 is dedicated to the Open Science movement on research data management and on FAIR data principles. The conference provided a unique forum for researchers, librarians, practitioners, infrastructure provider, policy makers, and other important stakeholders to discuss and exchange their ideas and experiences. https://www.open-science-conference.eu	

MOVING role:

The Open Science conference focused on FAIR principles of research data and supporting research data infrastructures. In this context MOVING project participated by having a stand with demos and videos at the main congress exhibition hall during the first day of the event. The MOVING project and the platform were presented by Thomas Köhler from TUD and Iacopo Vagliano from ZBW.

Figure 31: Prof. Dr. Thomas Köhler presenting the MOVING platform

The event was an opportunity for presenting the latest developments in various MOVING-related technologies (video understanding, advanced visualisation, search technologies, smart learning etc.) to the over 200 participants from different sectors (EC, companies, policy makers), including teachers, researchers, linguists, IPR lawyers, public administrators etc. The participants were from different countries and continents (Germany, UK, Spain, Italy, Greece, USA, etc.). This participation made possible the exchange of contacts, for investigating further cooperation possibilities. The MOVING stand featured MOVING fliers and a smart screen to demo the latest version of the MOVING platform. In addition, visiting cards with a QR code and a special link to the platform was distributed to encourage people to try the platform themselves and possibly acquire new users.

Figure 32: The visiting card with the link to try the platform

Overall, the International Open Science Conference 2018 organised by the Leibniz Research Alliance Science 2.0. It is dedicated to the Open Science movement and provides a unique forum for researchers, librarians, practitioners, infrastructure provider, policy makers, and other important stakeholders to discuss and exchange their ideas and experiences.

Title of demonstration (Presenter): "MOVING project presentation and platform demonstration" (Thomas Köhler, TUD and Iacopo Vagliano, ZBW).
Impact assessment: The congress attracted more than 200 participants from 35 countries, including top policy makers, among them the Head of Unit A6, DG Research and Innovation, European Commission, the President of the Leibniz Association, the German State Secretary at the Federal Ministry of Education and Research (BMBF). The conference was related mostly to the **policy makers** and **scientific** communities.

3.3.7 Sharing results in online repositories

The MOVING consortium had set up the MOVING H2020 Project[26] community into the Zenodo repository in order to ensure compliance with Open Access policies for the project's publications and datasets. The repository at the time of writing includes 27 publications (21 conference papers, 3 articles and 3 others), 6 posters, 1 dataset (the MOVING concept detection scores for the MED16 train dataset that were generated by consortium partner CERTH), as well as 6 posters and 5 presentations with the MOVING achievements that were delivered during the participation of the MOVING consortium in various conferences and events.

3.3.8 Policy brief

During the first year of the project work, the MOVING consortium members discovered a few policy issues that related to the work and objectives of the MOVING project. These policy issues revolved around: (a) access to unstructured data, (b) endorsement of International Standards on auditing, (c) standardising data for research and development and (d) freedom of science and open access to infrastructures. Each of the above policy issues were addressed and described in detail in the policy brief document that was submitted to the participant's portal, early in the second year of the project.

3.4 Dissemination and exploitation activities

3.4.1 Collaboration between MOVING and other EU projects

As already mentioned in "D5.1", the MOVING project along with the EU H2020 project ALIGNED[27] have established a collaboration on the exchange of knowledge and datasets for text and data mining. As a result of this collaboration, we report the history view in the search results of the

[26] https://zenodo.org/communities/moving-h2020/?page=1&size=20

[27] http://aligned-project.eu/

MOVING platform, which shows the different versions of laws and regulations. The history view helps compliance officers to track the evolution of these documents over time and refer to a specific version, if needed. It distinguishes different kinds of events, such as partial alteration and rewrite. The laws and regulations dataset was provided by Wolters Kluwer within the H2020 project ALIGNED. The laws and regulations dataset in the MOVING platform may attract more compliance officers to become users of the platform.

3.4.2 Industry and research contacts

Andrzej M.J. Skulimowski (PBF) was invited to give a presentation at the Malopolska Regional Development Agency (MARR SA) in Kraków, Poland, on 6th September 2017. In the presentation he discussed the supporting knowledge capacity of ICT SME, that engage in growth and innovation by improving regional policies and infrastructures. The MARR SA company specialises in providing comprehensive know-how and modern financial solutions to businesses and the local government. It actively supports export activities by offering professional consultancy services and access to an international network of contacts. It takes part as a consortium member in the INTERREG project Skills[28]. This presentation gathered ~70 institutions supporting SMEs, local authorities and entrepreneurs.

PBF also presented the MOVING project to other local innovative SME's, such as Amage Systems Ltd., Lobos Ltd. that were seeking advice from the PBF's Technology Transfer Centre, to potential users, such as students at the AGH University of Science and Technology, and to other Kraków universities that expressed their interest in the platform. PBF is continuously informing relevant MOVING platform stakeholders, groups that will be involved in MOVING platform user community building, and future users.

KC had 2 research contacts with 2 research partners (University of Leeds, Faculty of Medicine and Health) internally in their premises on 9th of February 2017, where the MOVING mockups and the Adaptive Training Support widget were presented.

ZBW participated at the first Leibniz postdoc network meeting, on 26-27 October 2017 at the Lung Research Center of the Leibniz Association (FZB) in Borstel, where MOVING was also informally presented. The meeting gathered about 60 postdocs from 45 Leibniz institutes from all over Germany, which have been made aware of the project and the platform.

JSI established a connection with the H2020 project EDSA (European Data Science Academy). EDSA contributed to the MOVING satellite event at the 2nd World OER Congress (September 2017, Ljubljana).

[28] http://www.marr.pl/skills+.html

UMAN (on 10th of October 2017 at UMAN's premises) discussed with 5 British broadcasters about using WevQuery (the interaction analysis dashboard of MOVING) with Web interaction data from their platforms to model television audiences.

TUD discussed with stakeholders from the junior researcher group "Agile Publics" at University of Applied Sciences Mittweida, Mittweida, Germany about using the MOVING platform within the research context of the group.

3.4.3 Updates to the data management plan

The Data Management Plan of MOVING is a working document that evolves during the lifetime of the project, and for this reason the consortium prepared an updated version of this plan at the end of the second year. The updated Data Management Plan introduces four new datasets (two from WP1 and two from WP3) and also reports that two datasets originally included in it are no longer relevant. More specifically: (a) WP1 dataset "*MOVING_Data_WP1_1_Science2.0Survey-Results*" dataset (described in D6.2) was not considered for the requirements analysis because it emerged that from this dataset no evidence could be derived on the usage of specific tools for literature reviews (state-of-the-art) and sharing of information, as described in the scenarios of second use case, because of the low level of detail of the survey questions. Instead of the aforementioned dataset, the survey "*MOVING_Data_WP1_1 _Innovations_in_scholarly_ communications_study*" was considered as part of the requirements analysis, because in this newer survey more details were available. (b) WP1 dataset "*MOVING_Data_WP1_2_EScienceResearchNetworkInterviewResults*" (described in D6.2) was also not considered for the requirements analysis. Because the interviews of this dataset were conducted in 2012/2013, the data seemed a bit outdated, not considering the newer technological developments. Additionally, no statements of the interview partners could be identified that could explicitly formulate a requirement to the MOVING platform. Therefore, no added value of the "*MOVING_Data_WP1_2_EScienceResearchNetworkInterviewResults*" dataset to the requirements analysis could be identified; the interviews conducted in the MOVING project (dataset MOVING_Data_WP1_3 _Interviews) proved to be the best source of information for our project. (c) WP1 dataset *MOVING_Data_WP1_4_FocusGroupInterviewTranscript* was added. This dataset consists of the one focus group interview transcripts that were conducted in May 2017. (d) WP3 datasets MOVING_*Data_WP3_19_EconBizRecSysEvaluationResult* and MOVING_Data_WP3 _20_NT CIR-2-IR were added. The updated version of the deliverable D6.2: Data Management Plan is available via the project's website under the project deliverables webpage[29].

[29] http://moving-project.eu/deliverables/

4 Plan for dissemination and communication activities (third year)

This section presents the future dissemination and communication activities of the project. Similarly to Section 3, we structure the presentation of the future activities along the four categories of activities identified in Section 2 (Figure 1).

4.1 Communication activities plan

The following Table 8 reports the planned communication activities that are foreseen for the upcoming period. More specifically, we report the consortium plans regarding the MOVING communication kit, the website, the social media channels, the newsletters and the press releases.

Table 8: Plan for the communication activities.

Activity	**Plan**
MOVING communication kit	A new leaflet and/or poster may be published, in accordance with the needs of the project. The availability of the MOVING communication kit is ensured as long as the project website remains online.
Social Media presence	The plan is to continue to tweet approximately once a week and to take care where appropriate to mention relevant Twitter users in the tweets or use the correct hashtags (e.g. for a current event). Whenever a new presentation and publication are available, they will be uploaded to the project's SlideShare and ResearchGate accounts, respectively. The social media presence is ensured as long as the website remains online.
Newsletters	By following the consortium plan to publish newsletters every 6 to 9 months we have already planned to publish the next project newsletter in month 30 of the project (end of September 2018) where the fully integrated MOVING platform and use cases will be finished.
Press Releases	JSI is planning to present MOVING in the next 1-2 editions of JSI's news. CERTH is planning a press release on MOVING in Greek and English on its website (www.certh.gr) as well as PBF in Polish on its website (www.pbf.pl). Furthermore consortium partners plan to publish more press releases at suitable times, e.g. when important milestones or project results have been achieved.

4.2 Communication and dissemination activities plan

This subsection (Table 9) reports the planned activities at the intersection of communication and dissemination that are foreseen for the upcoming period. More specifically, we report the consortium plans regarding the project website, the project video channels, the MOVING open door days, the participation in conferences and events (not focusing on the scientific community), and a magazine publication .

Table 9: Plan for the communication and dissemination activities.

Activity	**Plan**
Project website	We will continue to update the project website and enrich it with the latest results, other materials and links related to MOVING. The plan is to maintain the project website for at least 5 years after the end of the project.
Youtube and VideoLectures.NET channels	The consortium plans to provide more videos for explaining the functionalities of the MOVING platform and technologies (tutorials). The project videos that are posted in the Youtube and VideoLectures.NET channels will remain permanently available.
Conference and event presentations	JSI applied for the workshop "Implementing the Ljubljana OER Action Plan by Building Skills and Competencies via OER based on Artificial Intelligence Technologies" at the UNESCO's Mobile learning week[30] and it has been approved. UNESCO's Mobile week is UNESCO's flagship ICT in education conference and will take place on 26-30 of March 2018 at UNESCO Headquarters in Paris, France. Mobile week is expecting government representatives from over 50 UN Member States and features more than 100 speakers and presentations. JSI will have a talk at "Open Education Global 2018" conference[31], held from 24-26 April 2018 at Delft, the Netherlands. The OE Global conference is the most internationally diverse conference devoted exclusively to open education, attracting researchers, practitioners, policy makers, educators and students from more than 35 countries to discuss and explore how Open Education advances educational practices around the world. In general VideoLectures.NET is going to be presented and JSI projects, including MOVING.

[30] https://en.unesco.org/mlw/2018

Activity	Plan
	KC is planning to organise a Learning 4.0 event[32] on 17th of April 2018, at the Know-Center premises with the title "Learning Analytics - Daten und Digitale Traces zum Lernen". Dr. Angela Fessl from KC plans to discuss about Learning 4.0, including learning analytics and to give a presentation of MOVING including the Adaptive Training Support widget. The MOVING project and platform will be further disseminated and promoted at an event that will be co-organised by JSI in the context of the online mentoring program "Open education for a better world"[33] in July 2018 in Vipava, Slovenia. This online mentoring program that is currently active (lasting from January to June 2018), will result in MOOCs being used in different learning settings all around the world. The participants in this event are policy makers, teachers and other individual involved in open education.
Articles in journals and magazines	EY plans to publish an article about the MOVING platform at the EY reporting magazine.

4.3 Dissemination activities plan

This subsection contains the planned dissemination activities that are foreseen for the upcoming period of the project (Table 10). More specifically, we report the consortium plans regarding the MOVING organised events, the publications in journals, scientific conferences and workshops, the scientific invited talks in workshops, the MOVING demonstrations and the sharing results in online repositories.

Table 10: Plan for the dissemination activities.

Activity	Plan
MOVING information days and MOVING user days	EY is planning to conduct a workshop in the first quarter of 2019. The main goal of the workshop will be the dissemination of MOVING's objectives. Moreover, through this workshop, the participants will have the opportunity to form/grow the users' community, apply the functionalities of the platform

[31] https://conference.oeconsortium.org/2018/

[32] http://www.know-center.tugraz.at/learning40/

[33] http://unesco.ijs.si/project/open-education-for-a-better-world/

Activity	Plan
	and discuss the usability of the platform in their daily work.
Scientific workshops organisation	The consortium plans to organise a special session or a workshop in the 24th International Conference on Multimedia Modeling[34] (MMM2019) that will take place in Thessaloniki on 8-11 January 2019.
Scientific publications (submitted)	Consortium partners have already submitted to the following journal and conferences: (1) An article was submitted to the IEEE Multimedia magazine (which targets IT researchers, practitioners and managers). Title of the paper: "Open Innovation in the Big Data Era with MOVING: An Integrated Working and Training Approach for Data-savvy Information Professionals". The paper is based on the content of Deliverable D2.4 and was written together with most of the members of the consortium. (2) ACM/IEEE Joint Conference on Digital Libraries 2018[35], 3rd-6th June 2018 in Fort Worth, Texas. A paper was submitted and will be attended by GESIS with title: "Keep it Simple: Effective Unsupervised Author Disambiguation with Relative Frequencies". This conference is mostly related to **scientific** communities from diverse domains such as data science/analytics, data curation/stewardship, information retrieval, human-computer interaction, hypertext (and Web/network science), multimedia, publishing, preservation, digital humanities, machine learning/AI, heritage/culture, health/medicine, policy, law, and privacy/intellectual property. (3) 15th ESWC 2017[36], 3rd-7th June 2018 in Heraklion, Crete, Greece. A paper was submitted by ZBW with title: "Analyzing the Evolution of Vocabulary Terms and their Impact on the LOD Cloud". ESWC is a major venue for discussing the latest scientific results and technology innovations around semantic technologies. (4) L@S: Fifth Annual ACM Conference on Learning at Scale[37], 26th -28th June

[34] http://mmm2019.iti.gr/

[35] https://2018.jcdl.org/

[36] https://2018.eswc-conferences.org/

[37] https://learningatscale2018.com/

Activity	Plan
	2018 at Institute of Education, University College London, London, UK. A paper was submitted by KC regarding the user study for the second use case: Research on business information by public administrators. L@S investigates the scientific exchange of interdisciplinary research at the intersection of the learning sciences (in large-scale, technology-mediated learning environments) and computer science and is inspired by the emergence of Massive Open Online Courses (MOOCs) and the accompanying huge shift in thinking about education. (5) 41st International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2018)[38], 8th-12th July 2018 in Ann Arbor Michigan, U.S.A. A paper was submitted by ZBW with title: "Comparison of the Performance of Ad-hoc Retrieval Models over Titles vs. Fulltexts". SIGIR is the premier international conference for new research results and demonstration of new systems and techniques in information retrieval. (6) ACM User Modelling, Adaptation and Personalization conference (UMAP2018)[39], 8th-11th July 2018 at Nanyang Technological University, Singapore. A paper was submitted by ZBW with title: "Multi-Modal Adversarial Autoencoders for Recommendations of Citations and Subject Labels". ACM UMAP is the premier international conference for researchers and practitioners working on systems that adapt to individual users, to groups of users, and that collect, represent, and model user information.
Scientific publications (planned)	Consortium partners have also planned to submit to the following conferences: (7) 10th annual International Conference on Education and New Learning Technologies (EDULEARN 2018)[40], 2nd-4th July 2018 in Palma de Mallorca, Spain. Might be attended by TUD with a paper submission about specific aspects of the training environment of MOVING. EDULEARN is one of the largest international education conferences for lecturers, researchers, technologists and professionals from the educational sector.

[38] http://sigir.org/sigir2018/

[39] http://www.um.org/umap2018/

[40] https://iated.org/edulearn/

Activity	Plan
	(8) ACM UIST 2018[41] conference, 14th-17th October 2018 in Berlin, Germany. Might be attended by UMAN with the paper "Assisted Pattern Mining for the Evaluation of User Interfaces". The ACM UIST 2018 is the premier forum for innovations in human-computer interfaces. (9) 27th ACM International Conference on Information and Knowledge Management[42] (CIKM 2018), 22nd-26th October 2018 at Lingotto, Turin, Italy. A paper might be submitted by GESIS with title: "Thirty Ways to Name Your Author: Name-based blocking for Author Name Disambiguation". The conference since 1992 brings together leading researchers and developers from the knowledge management, information retrieval, and database communities. (10) 17th International Semantic Web Conference (ISWC 2018)[43], 8th-12th October 2018 in Monterey, California, USA. A paper is planned to be submitted by ZBW with title: "A Parameterized Formal Model for Flexibly Defining Schema-level Indices for the Web of Data". ISWC is the premier international conference for the Semantic Web and Linked Data Community. (11) ACM Multimedia 2018, 22nd-26th October 2018, in Seoul, Korea. A paper is planned to be submitted by CERTH on lecture video analysis. ACM Multimedia is the premier conference for multimedia experts and practitioners across academia and industry. (12) TRECVID workshops 2018, 13th-15th November, 2018 at NIST in Gaithersburg, MD, USA. CERTH plans to participate once again in the TRECVID international benchmarking activity, by submitting its video analysis results and a corresponding paper. TRECVID is the most important international benchmarking activity on video analysis and retrieval. (13) Online Educa Berlin (OEB)[44] conference, 5th-7th December 2018 in Berlin, Germany. Is attended by TUD with a booth. A paper is also expected to be submitted about specific aspects of the training environment of MOVING.

[41] https://uist.acm.org/uist2018/

[42] http://www.cikm2018.units.it/

[43] http://iswc2018.semanticweb.org/

[44] https://oeb.global/

Activity	Plan
	OEB is a meeting place for learning and technology professionals from the corporate, education and public sectors. (14) Gemeinschaft in neuen Medien (GeNeMe)[45] conference 2018. TBA. Organised and attended by TUD. A paper is also expected to be submitted about specific aspects of the training environment of MOVING. The conference presents innovative technologies and processes for the organization, cooperation and communication in virtual communities and is a forum for professional exchange especially in the fields of knowledge management and e-learning. (15) EC-TEL 2019[46] conference. A demo about the Learning-how-to-search widget, a poster paper about the Curriculum Reflection widget is planned to be submitted by KC at the EC-TEL conference. Furthermore KC plans to hand in a workshop at the EC-TEL about "Everyday learning". More scientific publications are expected to be submitted in the following months to different venues.
Sharing results in online repositories	TUD plans to share a teaser of a 1st session of the MOVING MOOC "Science 2.0 and open research methods" (D2.2, Section 4.4) on the MOOIN platform[47]. MOOIN is an e-learning platform which is run by OnCampus at FH Lübeck. As the biggest MOOC provider in Germany it attracts large numbers of learners every year. Advertising the MOVING MOOC on MOOIN is an excellent dissemination opportunity for the MOVING platform. Furthermore, we will continue to update the MOVING community in Zenodo with new materials (publications, datasets) as soon as they become available. The materials posted in Zenodo will remain permanently available.

4.4 Dissemination and exploitation activities plan

This subsection reports the activities at the intersection of dissemination and exploitation that are foreseen for the upcoming months (Table 11). More specifically, the consortium reports on possible collaborations between MOVING and other EU projects, the industry and research contacts and the updated data management plan. As exploitation planning and reporting is outside the scope of the

[45] https://tu-dresden.de/mz/forschung/konferenzen-und-kolloquien/geneme-gemeinschaften-in-neuen-medien

[46] http://www.ec-tel.eu/index.php?id=783

[47] https://www.oncampus.de/mooin?lang=en

present document, we do not elaborate on purely exploitation-related activities; more details on this topic can again be found in “D5.2” and will also be presented in “D5.4”.

Table 11: Plan for dissemination and exploitation activities.

Activity	**Plan**
Industry and research contacts	EY plans to use Yammer, an internal social media channel tool, by possibly also organizing a group for the MOVING project.
Updates on data management plan	Probably one updated version of the Data Management Plan will be produced in accordance with the project’s needs.

5 Conclusion

This deliverable was the updated report of our dissemination and communication activities regarding the MOVING project, platform, technologies and results. In Section 2 we summarized the dissemination and communication strategy that we originally reported in "D2.4". In Section 3 we reported in detail all the communication and dissemination activities that MOVING consortium participated in or organised, while in Section 4 we presented the plan for the dissemination and communication actions that we will follow for the last year of the project. The wealth of the dissemination and communication activities already carried out has helped MOVING to reach a considerable number of people. More specifically, MOVING achieved participation in 34 events, both in the scientific and industry communities that include 18 presentations and dissemination of MOVING in conferences or workshops, 3 invited talks. MOVING organised 1 workshop, 1 MOVING information day event, 4 MOVING user days events, 2 open door days, and 1 demonstration. For the last year, MOVING is in the process of organising an open door day at CERTH premises, a workshop where we will disseminate the MOVING's objectives and the participants will have the opportunity to form/grow the users' community, and possibly a workshop at the MMM 2018 conference. The MOVING vision was spread among approximately 4500 participants that attended the presentations of the project and even more by dissemination through the partners who participated in the events, our online channels and other online channels via which MOVING results are accessible (e.g. Zenodo, publishers' websites etc.). Also, MOVING continued to be disseminated through social media in many groups focusing on technologies relevant to the project, as well as through project's and other mailing lists.