

## Initial results

The screenshot shows the MOVING platform interface. At the top, there's a search bar with 'Machine Learning' entered. Below it, a sidebar lists document types: Videolectures/lecture (590), erl (153), Videolectures/invited talk (113), Videolectures/tutorial (92), book (80), esn (39), and Videolectures/Keynote (35). The main content area shows search results for 'Machine Learning', including a video thumbnail and an abstract titled 'Abstract "Large-Scale Machine Learning: Parallelism and Massive Datasets"'. To the right, there's a section for 'Adaptive Training Support' with a 'MOVING feature usage' chart and an 'Average number of keywords' section.

The MOVING platform

This screenshot displays two different features of the MOVING platform. On the left, a video lecture is shown with a 'Concept detection (from audio transcripts)' bar below it. On the right, a search interface for 'germany carbon taxes' is shown, resulting in 'Found 465 figures... look 1243 figs'. A line graph is visible in the search results, showing efficiency losses from overlapping economic instruments in European carbon emissions regulation.

MOVING technologies: lecture video linking, and scientific figures search

Find more information on these results and other demos at: <http://moving-project.eu/index.php/tools-and-services/>

## Project details

MOVING is an H2020 Research and Innovation Action  
Start date: 1/4/2016; Duration: 36 months

## Consortium

The consortium members are listed with their logos and contact information:

- iti** Information Technologies Institute: Centre for Research & Technology Hellas, Information Technologies Institute, <http://www.iti.gr>
- EY** Ernst & Young GmbH: Building a better working world, <http://www.ey.com/Home>
- TECHNISCHE UNIVERSITÄT DRESDEN**: Technische Universität Dresden, <https://tu-dresden.de>
- KNOW Center**: Know-Center, <http://www.know-center.tugraz.at/>
- Institut "Jožef Stefan" Ljubljana, Slovenija**: Institut Jozef Stefan, <https://www.ijs.si/ijsw/IJSI>
- ZBW** Leibniz Informationszentrum Wirtschaft, Leibniz Information Centre for Economics, <http://www.zbw.eu/en/>
- MANCHESTER 1824**: The University of Manchester, <http://www.manchester.ac.uk/>
- gesis** Leibniz-Institut für Sozialwissenschaften, <http://www.gesis.org/en/institute/>
- PROGRESS & BUSINESS**: Fundacja Progress and Business, <http://www.pbf.pl>

## Stay in touch!

Web: <http://moving-project.eu>  
Twitter: @MOVING\_EU

## Contact

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## MOVING

BRINGING  
STRUCTURE TO THE  
UNSTRUCTURED



<http://moving-project.eu>

*TrainiG towards a society of data-savvy  
inforMation prOfessionals to enable open  
leadership INnovation*



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## Motivation

- **Vocational training costs are high;**
  - for a service company, a training day has high direct costs per employee;
  - to train a master-degree student to work on an executive position in middle-management, the costs may well be in the order of hundreds of thousands euros.
- **Companies have an interest to further increase education;**
  - less than half of all employees of European enterprises take part in further education offers.
- **Internet is full of valuable information but there is “information overload”;**
  - drift to majority;
  - loss of completeness;
  - decay of information;
  - global scientific output doubles every nine years.

## Our vision

- Get access to an extensive and exclusively compiled source inventory of full-texts of open scientific literature, web and digital video.
- Use innovative searching and semantic analysis of large-scale digital content.
- Quickly generate comprehensive knowledge for public administrators and young researchers.
- Create glossaries, tutorials, and detailed guidance for user’s everyday workflows.
- Create an individually configurable training program that can be tailored around each user’s vocational expertise, and provide learning modules, courses, videos, exercises.
- Create the platform forum, featuring a multitude of discussions and solutions, which will be supported by a vivid social community of people from science, administration and business.

## Concept & approach

The MOVING project will train people to cope with the large amount of Internet-based information they are faced with as part of their daily professional duties. The core challenge of our current knowledge society is not the access to information itself, but whether people have the ability to manage them in a professional way. Responding to this challenge, the project will develop the open, innovation training platform “MOVING” that is both:

- A working environment** for the quality and usability analysis of large text collections and free online contents with data mining methods, equally open to people from science, public administration and business, and
- A training environment** with information, training and exchange offers in the broad field of digital information management.



### TARGET GROUPS

- Young researchers
- Compliance officers
- Public administrators
- EU citizens/residents

### MOVING PROVIDES WITH

- Training and working w.r.t. data-intensive research tasks
- User guidance for self-reflection

### PROJECT OUTCOMES

- Data-savvy information professionals
- Knowledgeable society

## Use cases / examples

### Research on business information by public administrators



Any organisation - research institutes, universities and companies alike - needs to be compliant with the increasing number of current laws and regulations. As non-compliance is a risk that may harm a business seriously, risk assessment procedures need to be performed in regard to compliance with future regulations as well. In this use case, the compliance officer will use the MOVING platform to identify potential risks about how the economic and financial changes in law and regulations in the European market may affect the organisation’s compliance.

### Managing and mining research information

The Internet is the central place for scientific information and literature review. Since not only the content but also the number of possible sources increases rapidly, researchers are also increasingly faced with the problem of information overload: information is plentiful, but there is not enough time to systematically locate and evaluate the vast information resources. The discrepancy between the theoretically offered wealth of information and the practical possibilities of its exploitation within the everyday academic work is thereby perceived as more painful. This use case will enable automated analysis of large literature corpora in a specific field of research.

