Objectives & expected outcomes

MOVING will build an innovative training platform that will enable users from all societal sectors (companies, universities, public administration) to fundamentally improve their information literacy by training how to choose, use and evaluate data mining methods in connection with their daily research tasks and to become data-savvy information professionals.

Objectives	Expected outcomes
Development of a qualification/training concept	Training and qualification **program for the support and promotion of open innovation processes**
Development and testing of an application for data mining	**Tool for the execution of data mining** in large online databases and the creation of appropriate visualizations
Providing a platform as an integrated learning and working environment	**Development, deployment, testing and establishment of a** sustainable cross-sectoral and interdisciplinary **platform**
Building a stable community of practice	Build an **interdisciplinary community of practice** on matters of open innovation by means of automated methods of data analysis and knowledge exploitation

Project details

MOVING is an H2020 Research and Innovation Action

Start date: 1/4/2016; Duration: 36 months

Consortium

Centre for Research & Technology Hellas
Information Technologies Institute
http://www.iti.gr

Ernst & Young GmbH
http://www.ey.com/Home

Technische Universität Dresden
https://tu-dresden.de

Know-Center
http://www.know-center.tugraz.at/

Institut Jozef Stefan
https://www.ijs.si/ijsw/JSI

ZBW-Leibniz Information Centre for Economics
http://www.zbw.eu/en/

The University of Manchester
http://www.manchester.ac.uk/

GESIS-Leibniz Institute for the Social Sciences
http://www.gesis.org/en/institute/

Fundacja Progress and Business
http://www.pbf.pl

Stay in touch!

Web: http://moving-project.eu

Twitter: @MOVING_EU

Contact

Project Coordinator: Dr. Vasileios Mezaris

Information Technologies Institute (ITI),

Centre for Research and Technology Hellas (CERTH)

email: bmezaris@iti.gr

MOVING

BRINGING STRUCTURE TO THE UNSTRUCTURED

http://moving-project.eu

TraininG towards a society of data-saVvy inforMation prOfessionals to enable open leadership INnovation

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.

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) **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

b) **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

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.

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.