



AFEL is the sixth EU project of Know-Center in the area of technology-supported learning and runs for 3 years. The project volume is €2.6 million. More information is available at <http://afel.know-center.tugraz.at>. The project partners at a glance:

GNOSS, Spain (renowned developer of „Knowledge Graphs“ for companies and educational institutions)

Know-Center, Graz (one of the leading big data research centers in Europe)

Leibniz Institute for Knowledge Media, Tübingen (one of the world's leading research institutes in the field of media research)

Leibniz Universität Hannover (Research Center for Fundamental and Application-Oriented Research in Web Science)

The Open University (the world's leading provider of on-line remote study programs based in the UK)

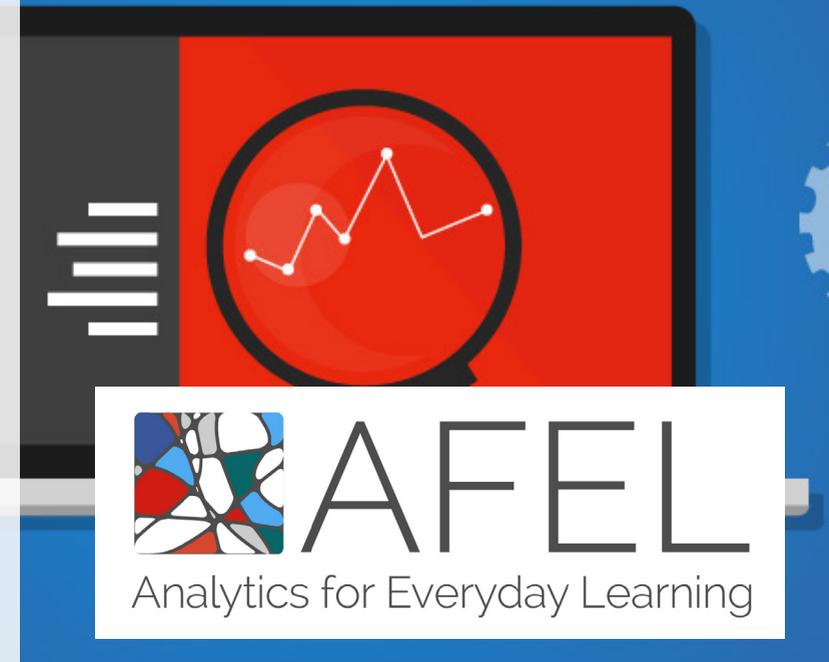
National University of Ireland, Galway (one of the largest research facilities in the field of data analysis in Europe)

The Open University, Milton Keynes (the world's leading provider of on-line remote study programs based in the UK)

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AFEL TESTER WANTED!

Within the EU-funded €2.6 million project AFEL (Analytics for everyday learning) project partners are developing a revolutionary tool that makes daily learning („Learning 4.0“) much more efficient. Companies, educational institutions and private users now have the opportunity to test a pre-release version of the tool exclusively and contribute to its further development.

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EC H2020 RIA project number 687916

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HOW DIGITALIZATION CAN IMPROVE EVERYDAY LEARNING

Facebook has about 1.65 billion active users, the career network LinkedIn has over 400 million users and users have uploaded more than 18 million presentations relating to various business topics from the platform Slideshare. Millions of people use social media on a daily basis and no longer only to keep in touch with friends. Social media are increasingly used to inform and educate oneself and share knowledge with others. This is a great opportunity for educational institutions, individual teachers and companies since these freely accessible data have immense potential for the so-called Learning 4.0.

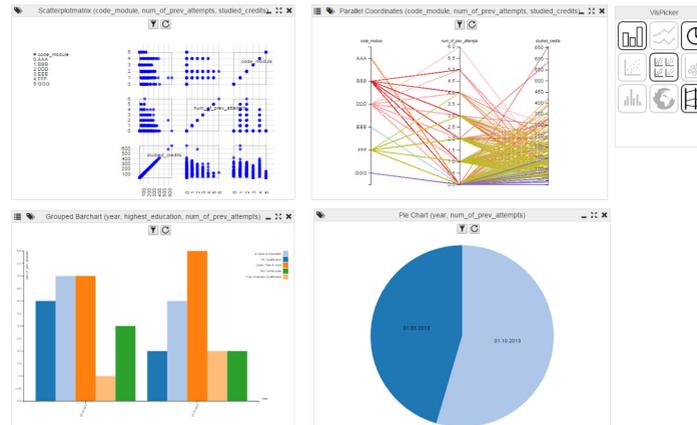
AFEL PRE-TESTER WANTED!

Practical implementation of technology-supported learning requires appropriate tools and methods. This is exactly what Know-Center is currently researching together with 5 project partners from the UK, Ireland, Germany and Spain within the EU project AFEL, Analytics for Everyday Learning. Unlike conventional learning platforms, this is a revolutionary tool which not only provides learning contents, but also incorporates data from the outside (social media, Wikipedia). It can analyze which users viewed which videos on Youtube and whether it has improved the learning outcome. If so, the video is recommended to other users. The tool is „self-learning,“ i.e., the more data is analyzed, the greater the benefit for the user is. One of the advantages is that learning progress can be much better assessed (by enterprises and educational institutions, as well

as employees and students). Moreover, a much larger pool of existing knowledge can be accessed than using customary eLearning applications, making Learning 4.0 much more efficient. Companies, as well as educational institutions and private individuals, now have an opportunity to test the tool exclusively and participate in its development. In this case, learning contents target, among others, the fields of communication/information, mathematics, physics and natural science. The pre-test licenses are limited and are distributed on the first-come-first-serve basis. Please register via e-mail at learning@know-center.at.

LEARNING HAPPENS EVERYWHERE

The above research is fundamental research since there are still hardly any exploitable research results in this area. Moreover, both the learning behavior of people and the social media are changing at a rapid pace. One thing is indisputable for the National University of Ireland's AFEL project coordinator Mathieu d'Aquin: „Learning is no longer just happening at the university or in the classroom with a teacher, learning is happening today and everywhere, even if you are on Facebook or watching a video on Youtube.“



RESEARCH IS URGENTLY REQUIRED

The project is within the framework of the EU research and innovation program „Horizon 2020.“ This program fosters scientific excellence, competitiveness and market leadership. Learning in everyday life plays an important role in the context of these objectives and is gaining importance in light of increasing digitization and expansion of information society. The demand for tools that make learning more efficient in everyday life and stimulate business and science is great. Another feature that emphasizes the importance of the project AFEL is that to date the research has been carried out primarily in the field of formal learning in educational institutions. Everyday learning („informal learning“ and/or with digital support of „Learning 4.0“) has hardly been the focus of research.

RESEARCH RESULTS ACCESSIBLE TO ALL

The technical implementation of the tools developed in the context of AFEL is performed by the project partner GNOSS, but at the end of the project the tool will be available as an open source to all interested parties.