**EDUCATIONAL
KNOWLEDGE
TRANSFER**

NEWSLETTER 1

DECEMBER 2020

Co-funded by the
Erasmus+ Programme
of the European Union

EKT – the project

EKT - Educational Knowledge Transfer is a three-year project co-funded by the European Union's Erasmus+ programme. In the Knowledge Alliance for Higher Education partner institutions from six EU countries with different profiles participate and contribute to the work: on the one hand, technology companies that offer e-learning services and resources, and on the other hand, educational institutions with a stake in Initial Teacher Education (ITE).

EKT seeks to improve the quality of ITE by providing comprehensive support of the important training element in-school placements by developing and experimenting collaborative educational methodologies and smart technological frameworks. Innovative strategies will be developed and implemented by combining expert knowledge gained through educational research and technological optimization know-how.

EKT – the approach

At the core of the **EKT** project is the development and testing of an advanced, multifunctional e-learning solution, mainly produced by the EKT technical team, which consists of CESGA, BeezNest, and netex. The solution integrates a set of different e-learning and e-teaching tools and applications from several perspectives, natures, and areas. Integrated in the **EKT** solution they increase the effectiveness of the teaching-learning process of the future teachers by emphasizing key concepts such as self-evaluation and self-reflection but also by facilitating collaboration between students, and by simplifying the management of the internal processes between Higher Education Institutions and schools.
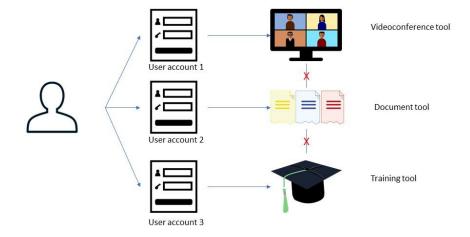
EDUCATION
KNOWLEDGE
TRANSFER

Co-funded by the
Erasmus+ Programme
of the European Union

Amongst other elements the **EKT** solution will comprise media and text creation tools, centralized storage, course and virtual classroom creation, text and video communication in synchronous and asynchronous modes and staff management tools. The final users of the **EKT** solution will be able to use the system from any device, at any place and at any time, and thus profit form a truly high availability infrastructure.

EKT – the technical solution

One of the novelties of the **EKT** solution is the Single Sign On technology. Students, teachers and mentors in ITE will no longer be forced to individually use of a number of different purpose apps:
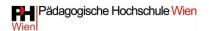
Without Single-Sign-On

USC
UNIVERSIDADE
DE SANTIAGO
DE COMPOSTELA

CESGA

netex
INNOVATIVE LEARNING EXPERIENCES

die Berater®
ZUKUNFT LERNEN

PH Pädagogische Hochschule Wien
Wien

h2

INSTITIÚID OIDEACHAIS
MARINO
INSTITUTE OF EDUCATION

BeezNest
Solutions opensource efficaces

lusoinfo multimédia | editora

UNIVERSITY OF
PLYMOUTH

EDUCATION KNOWLEDGE TRANSFER

Co-funded by the
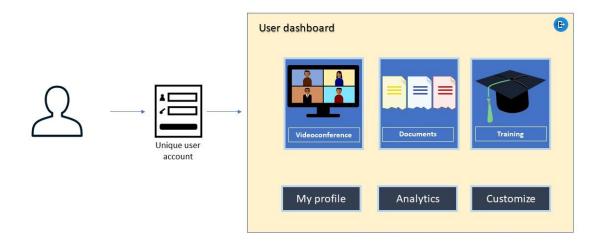Erasmus+ Programme
of the European Union

The user-centered design of the **EKT** solution makes all the apps available from a unique entry point based on Single Sign On technology, allowing the student, teacher or mentor to access all needed tools together from one single dashboard:
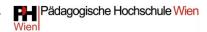
With Single-Sign-On

Unique user account

User dashboard

Videoconference   Documents   Training

My profile   Analytics   Customize

Through using the **EKT** solution, the main focus can be placed on the purpose of learning not on the technology supporting the educational processes. In practice, this means that unlike other systems where users have to log-in and log-out on every tool, the **EKT** users will log-in and log-out only once. Then, all the apps and tools appear on the one user dashboard which will differ depending on the needs, role and preferences of the respective user. For instance, if a user is a HEI coordinator, the tools shown will be those related to tutor management, while a student will be presented with tools for, e.g. self-reflection and content creation. Moreover, it will be possible to edit and customize the interface, i.e. the apps can be moved and organized on the individual dashboards according to individual usability preferences and working styles. So, for example, one student could have in the foreground a list of his or her most used apps, whereas another student will immediately see statistics and metrics.

EDUCATION
KNOWLEDGE
TRANSFER

Co-funded by the
Erasmus+ Programme
of the European Union

All stakeholders involved in ITE will profit from this user-centered approach of the **EKT** solution: students will appreciate a well-organized learning environment, which helps to them to keep concentrating on the learning process, while HEI teaching staff and school mentors experience more fluent communication and simplified internal processes.

EKT – more information

ektproject.eu

Stay in touch to become one of the first users of the EKT solution in 2021!

USC
UNIVERSIDADE
DE SANTIAGO
DE COMPOSTELA

CESGA

netex
INNOVATIVE LEARNING EXPERIENCES

die Berater
ZUKUNFT LERNEN

PH
Wien
Pädagogische Hochschule Wien

h2

INSTITIÚID OIDEACHAIS
MARINO
INSTITUTE OF EDUCATION

BeezNest
Solutions opensource efficaces

lusoinfo
multimédia | editora

UNIVERSITY OF
PLYMOUTH