

## l'éducation professionnelle 3D interactive

2013-1-TR1-LEO05-47525

<http://www.adam-europe.eu/adam/project/view.htm?prj=11236>

## Information sur le projet

Titre: l'éducation professionnelle 3D interactive

Code Projet: 2013-1-TR1-LEO05-47525

Année: 2013

Type de Projet: Projets de transfert d'innovation

Statut: En cours

Pays: TR-Turquie

Accroche marketing: 3D interactive dans l'enseignement professionnel. Avec le projet de i3DVET, il y aura du matériel d'apprentissage 3D pour l'enseignement professionnel. Les étudiants auront des cours en 3D dans un laboratoire 3D. Projet permettra d'améliorer la motivation d'apprentissage des élèves et leur préparation pour l'industrie.

Résumé: This Project is shared among three partners mainly. There are two other partners who will be active for dissemination of project in Turkey. The Kossuth Zsuzsanna Vocational Training School from Hungary is exporting and Kizilcahamam Technical and Vocational High School from Turkey and Vistula University from Poland are importing partners. Ankara Directorate of National Education (Ankara DNE) and Kazan Businessmen Association (Kazan BA) are the partners for dissemination activities in Turkey.

Mainly, we aim to develop new curriculum units with using interactive 3D (i3D) technologies and adopt these units to vocational education by this project. So, vocational education and indirectly industry of beneficiary countries will be able to meet new technology applications at worldwide level. This new curriculum will motivate students which are called "digital youth" to study and will provide more permanent learning. Within the project process, teachers from Turkey and Poland will learn to develop i3D learning materials and they will continue developing these materials after the project due to labor market of country and school needs. Turkey will be the coordinator of this project to manage project as a whole. Hungary will lead to develop new i3D curriculum and provide training course and technological knowledge. Polish partner will be responsible for dissemination activities in coordination with Turkey and Hungary. Ankara DNE and Kazan BA will provide awareness and results of project in Turkey. There will be piloting/testing period for new i3D materials in Turkey and Poland in order to ensure the success of project. Feedbacks from teachers and students will be given during piloting/testing. Improvements will be done due to feedbacks in sync. Turkish and Polish partners will make staff exchange during project for 5 days to see each others classroom activities, teaching methods and effects of new i3D materials in each others schools. Teachers will evaluate new curriculum content applications and write a report for each other. Every country will also be responsible for dissemination in their country to create the best effect of project.

During project period, there will be 6 specialized i3D learning materials (3 Turkish & 3 Polish). These contents will be chosen by schools due to labor market and school needs.

This project will adopt new technology to vocational education of beneficiary partners. Improvement in motivation of students will provide effective learning and quality of education will improve. This improvement will rebound to industry as good production and qualified manpower.

Description: Information and Communication Technologies (ICT) software are changing and developing day by day in parallel with developments (Savas and Topaloglu, 2011). Due to these developments, learning needs and students' behaviors are changing fast. In the 21st Century, quality of education and schools' functions will be determined by technological changes mostly (Ögülmüş, 2011).

Prensky called attention as the reality of difference between learning styles of today's students who grown with using digital media like internet, computer, mobile phones and learning styles of teachers who grown with using printed sources in his study (Prensky 2001a,b). Existing teaching methods can't motivate today's students to study. Teachers must follow changes in technology real-time. Currently, a new project named "Fatih" which aims to equip schools with new IT equipments is started

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in Turkey. However, there isn't any curriculum for effective usage of these equipments.

Effect of simulated virtual laboratory experiment instead of real materials on students' success is examined in a study of Bozkurt and Sarkoç (2008). According to the results, virtual laboratory student group is more successful and motivated than real laboratory student group. They also specified that virtual laboratory applications are cheaper than traditional methods and more permanent learning can occur with virtual systems. 3D technology which is called "virtual reality" in lots of article (Angelov & oth., Ik & oth.) is the last point of modeling the real life nowadays. Interactive 3D (i3D) representation provided an increase in the learners' ability to remember 37% longer than conventional learning methodology. Also Simulation based learning is 32% more effective with trained people and that people are confident to make decisions based on knowledge twice as quickly in previous project.

This project will introduce a digital vocational curriculum by using i3D technologies. This enables update learning methodologies to be used by teachers in vocational education. Developed i3D curriculums will meet the needs of the local businesses.

Thèmes: \*\*\* Marché du travail  
 \* TIC  
 \* Divers  
 \* Enseignement supérieur

Sectors: \* Information et Communication  
 \* Enseignement

Types de Produit: Modules  
 DVD  
 CD-ROM  
 Site Internet  
 Matériel d'apprentissage  
 Programme/curriculum  
 Autres

Information sur le produit: Project products will be 3D learning materials for some vocational lessons. Project webpage, cds and dvds, posters, brochures, in-service trainings in Turkey, articles in journals.

Page Web du projet: [www.i3dvet.com](http://www.i3dvet.com)

## Contractant du projet

Nom: Kizilcahamam Vocational and Technical Anatolian High School  
Ville: ANKARA  
Pays/Région: Ankara  
Pays: TR-Turquie  
Type d'organisation: Autres  
Site Internet: <http://katem.meb.k12.tr>

## Personne de contact

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## Coordinateur

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## Partenaire

### Partner 1

Nom: Vistula University  
Ville: Warsaw  
Pays/Région: Mazowieckie  
Pays: PL-Pologne  
Type d'organisation: Université/école supérieure spécialisée/academie  
Site Internet: <http://www.vistula.edu.pl>

### Partner 2

Nom: Kossuth Zsuzsanna Vocational Training School and Youth Hostel  
Ville: Dabas  
Pays/Région: Közép-Magyarország  
Pays: HU-Hongrie  
Type d'organisation: Autres  
Site Internet: <http://www.kzsdabas.sulinet.hu>

### Partner 3

Nom: Kazan Businessmen Association  
Ville: ANKARA  
Pays/Région: Ankara  
Pays: TR-Turquie  
Type d'organisation: Autres  
Site Internet: <http://www.kazankasiad.org.tr>

### Partner 4

Nom: Ankara Directorate of National Education  
Ville: ANKARA  
Pays/Région: Ankara  
Pays: TR-Turquie  
Type d'organisation: Autres  
Site Internet: <http://ankara.meb.gov.tr>

## Événements

### 3D Material Development Training

Date 07.02.2014

Description 3D Material Development Training in Hungary

Cible Turkey and Poland Partners

Public Événement non public

Informations de contact <http://katem.meb.k12.tr>

Date et lieu 3-7 February 2014

## Événements

### Kick-off Meeting

Date 19.12.2013

Description Kick-off meeting of project is made in 19th December in Kzlcacahamam.

Cible

Public Événement non public

Informations de contact [http://www.cihan.com.tr/news/Mesleki-egitimde-3-boyut-donemi-basliyor\\_2059-CHMTIzMjA1OS8z](http://www.cihan.com.tr/news/Mesleki-egitimde-3-boyut-donemi-basliyor_2059-CHMTIzMjA1OS8z)

<http://www.soguksuhaber.com/kizilcahamam-haberleri/katemden-3-boyutlu-proje-h1711.html>

[http://www.zaman.com.tr/ekonomi\\_mesleki-egitimde-3-boyut-donemi-basliyor\\_2185960.html](http://www.zaman.com.tr/ekonomi_mesleki-egitimde-3-boyut-donemi-basliyor_2185960.html)

<http://www.kizilcahamamcitakhaber.com/katem-turkiyede-bir-ilki-gerceklestirdi-haber-1769.html>

<http://www.kamuajans.com/egitimpersoneli/haber/mesleki-egitimde-3-boyut-donemi-basliyor-435953.html>

<http://www.kizilcahamamanahaber.com/egitim/meslek-lisesinde-3d-egitim-donemi-h1101.html>

[http://www.kizilcahamamhaber.com/3d-ders-programi-kizilcahamam-da-yapilacak\\_d20785.html](http://www.kizilcahamamhaber.com/3d-ders-programi-kizilcahamam-da-yapilacak_d20785.html)

<http://www.mebpersoneli.com.tr/ekonomi/mesleki-egitimde-3-boyut-donemi-basliyor-h100394.html>

<http://www.memurlar.net/haber/440532/>

<http://www.haberimport.com/haber/mesleki-egitimde-3-boyut-donemi-basliyor-317524.htm>

<http://www.kirikhanolay.com.tr/ekonomi/mesleki-egitimde-3-boyut-donemi-basliyor-h361170.html>

<http://www.malatyagercek.com/ekonomi/mesleki-egitimde-3-boyut-donemi-basliyor-h416221.html>

<http://www.kizilcahamamhaber.net/haber/2715-kzlcacahamam-teknik-ve-endustri-meslek-3-d-donemi.html>

<http://www.haber3.com/mesleki-egitimde-3-boyut-donemi-basliyor-haberi-2378568h.htm>

<http://kizilcahamam.meb.gov.tr/www/katem-egitimde-3d-transfer-projesi/icerik/26>

<http://www.kizilcahamam.bel.tr/?mod=haber-detay&id=5697>

Date et lieu 19th December 2013-Kzlcacahamam

## Événements

19th December 2013-Kzlcacahamam