Evaluation

Joint European Project JEP_34039_2006
Integration of Road Engineering IT-Technology

IREITEU - Final Conference, Ain Shams University Cairo 2009

Dipl.-Ing. Maria-Ilona Kiefel

Analysis Results Conclusions

- The individual experts
- Evaluation criteria
- Methods of operation

- EU requirements
- Interview: The Deans
- Interview: The Students
- Relations
- Networking
- EU projects

Analysis

- The individual experts
- Methods of operation
- Evaluation criteria

The individual experts

Competence: Science, Administration, Business Triple Helix

International: Egypt, Hungary, Germany

Gender: 25% female

Members:

Eng. Abdalla El-Hennawy, GABRLT, Ministry of Transportation, Egypt
Eng. Wagdy Hamada, The ArabContractors, Egypt
Prof. Dr. Csaba Koren, Szechenyi Istvan University, Hungary
Dipl.-Ing. Maria-Ilona Kiefel, Kiefel & Partner, Germany

Evaluation criteria

- Efficiency of the modern software and the new computer labs
- Completion of the European standard
- The teachers level of expertise
- Teaching material
- Numbers of lessons and seminars
- Numbers of students participating
- EU requirements
- Sustainability of this project

Methods of operation

Using and making analyses, comparisons, visits, discussions, interviews and attending at lessons and seminars for elaborate results.

Results

- EU requirements
- Interview: The Deans
- Interview: The Students
- Relations
- Networking
- EU projects

EU requirements

The project meets the requirements of the EU-Programme TEMPUS, affirmed by the TEMPUS label.

Interview: The Deans

Prof. Dr. Hadya El-Henawy

Ain Shams University, Cairo

Prof. Aghareed Tayeb (till 2008)
Prof. Gamal Eldeen Abou-Elmagd
Minia University, Minia

Interview: The students

Ain Shams University

- More value to the market
- Possibility to select jobs, also abroad

Minia University

- Degree with a concrete project in road design
- A chance to be self-employed

Relations

Expert, Teacher, Tutor, Student

f.l.t.r. Prof. Koren, Dr. Hamdy,
Eng. Mostafa, a student, Minia University,
May 2009

Networking

Good relation and friendship

f.l.t.r. Dr. Hassan A. H. Mahdy, Associate Professor of Highway Engineering, Maria-Ilona Kiefel, Prof. Koren, Prof. Hussein, „part of" Eng. Abdalla El-Hennawy, Dresden, Germany, 2008

EU projects

Twinning-project: EG08/AA/TP13
Enhancing road safety in Egypt through the reform of road safety planning and operations.

Conference in GABRLT, Cairo, May 2009

Conclusions

Who benefits?

- Ain Shams University and Minia University as multiplicators for other Egyptian Universities to teach students and to train Engineers
- Students from Ain Shams University and Minia University
- Graduates with skills, demanded by the market
- Companies in Egypt and MEDA region
- Close partnership between Egypt, Austria, Hungary and Germany
- Ain Shams and Minia University, because The ArabContractors affiliates graduates and trains civil engineers

Impact

- Participation of two Egyptian universities regarding IT-technologies in an European project
- Improvement of the education at Egyptian universities
- Improvement of IT-knowledge
- Establishment of an Egyptian center of excellence for road engineering information technologies
- market demanded
- Improvement of cooperation between science and business
- Improvement of contacts to European partners
- Exchange of experiences and knowledge with European partners

Recommendation

Great opportunity to use the new IT-tools for integrated planning and design and audit for road safety.

Recommendation

Keeping the teachers updated and motivated for more advanced trainings on theoretical and practical basics.

Conclusions

Conclusions

The project was successful according to the individual experts.

Now there are:

- Curricula development
- Competence
- Quality Assurance
- Beginning of training and capacity building
- Networking
- Sustainability

This must be still done:

- Training and capacity

Thanks

Group of individual experts thanks for co-operation, hospitality and friendship in Egypt.

Thanks for your attention

- Eng. Abdalla El-Hennawy
- Eng. Wagdy Hamada
- Prof. Dr. Csaba Koren
- Dipl.-Ing. Maria-Ilona Kiefel

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