



Tempus158989-Tempus-1-2009-1-BE-Tempus-JPHES
Creation of university-enterprise cooperation networks for education on
sustainable technologies

Workshop in Novi Sad

20 – 21 April, 2010.



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MINUTEES OF THE MEETING

The Meeting was attended by

University of Novi Sad
Faculty of Technology, Novi Sad, Serbia
Zoltan Zavargo
Mile Klašnja
Slobodan Soikolović

University of Niš, Leskovac, Serbia
Milorad Cakić

University of East Sarajevo, Zvornik, Bosnia and Herzegovina
Radoslav Grujić

Tuzla University, Tuzla, Bosnia and Herzegovina
Midhat Jašić

University Ss Cyril and Methodius
Skopje, The former Yugoslav Republic of Macedonia
Emilija Fidancevska

University Goce Delcev, Faculty of Technology
Štip, The former Yugoslav Republic of Macedonia
Vineta Srebrenkoska

Wendsday 21st April, 2010.

1. **Welcome by Zoltan Zavargo**
Dean of Faculty of Technology, University of Novi Sad
2. **Presentation of the content of the Test for
Review and analysis of the existing knowledge of the staff from industry on
sustainable industry issue by Slobodan Sokolović**
According to the Application
The evaluation will be done by tests and via communication with the staff from industry,
with their management and on the basis of the available data.
The proposed test has 3 parts:
 1. The level of managment in the company concerning sustainable technologies
 - Basic data of the company
 - HSEQ system (structure)
 - HSE system (structure)
 - Organisational structure of the company concerning environmental protection
 - HSEQ, HSE and other documents in the field of environmental protection
 - Training courses in the field of environmental protection
 - Copmany strategy of education concerning environmental protection
 - Courses and certificates
 - Structure of the employees concerning environmental protection
 - ISO 14001
 - ISO 9001
 - OHSAS 18001
 - HACCP
 - Others

2. The existing level of staff knowledge concerning sustainability
 - List of questions for employees
3. The level of existing technology in the company concerning sustainability
 - Technology scheme of the company
 - Total balance (raw materials, energy, water, others)
 - Outputs (products, wastes)
 - Processes
 - Capacity
 - Material balance (raw materials, package, products)
 - Energy
 - Water
 - Simplified technology scheme and process features
 - block diagrams of unit operations
 - Washing and maintenance
 - Tanks (reservoirs)
 - Energy units
 - Wastes
 - Monitoring
 - Accidents and risks
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3. Finalising the Test content and the way of testing and analysing the results All participants

Decisions

- The test will be extended by the following question: Additional information
- Before testing the manager of the company will be consulted.
- The testing of the staff will be anonymous.

4. Purchasing literature

All participants

The preliminary lists of literature was given to all participants.

Decisions

- The purchasing of the literature must cover:
 - literature common for all courses
 - specific literature according to the topics of the courses
- Before ordering all participants will give their final list of literature in order to match them and to avoid unnecessary overlaps.

5. Purchasing equipment

All participants

According to Application (items) and Grant agreement (allocated amount of euros)

Computer for web site	4300,00
Literature	1000,00
Computer server	1200,00
Computers	6300,00
Netsupport school	550,00
ASPEN	5000,00
Videobeam	800,00
Printer	500,00
Copy machine	1500,00
Laptops	2000,00
Laboratory equipment	6000,00
Total per PCU	24850,00
Total Equipment	153400,00

Literature per PCU (RS, BA, MK)	1000,00
Equipment per PCU (RS, BA, MK)	23850,00
Total per PCU	24850,00
Total Literature+equipment	149100,00
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Server for web site UNS	4300,00
Total grant for equipment	153400,00

Decision

The following proposal for purchasing the equipment was accepted

All PCU

Computers for learning

Laptops

Videobeam

Netsupport school

Software for process simulation

Other equipment is optional for each PCU

Decision

Having in mind that all prices indicated in the *GaBi 4 price* list are per computer, the purchasing of **GaBi 4 software will be too expensive. It is decided not to buy it but to use the free version *Gabi education*.**

Thanks to all for the nice meeting!
Zoltan Zavargo