



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

Short visit of EU experts to MK

21 – 25 June 2010.



PROJECT 158989 - TEMPUS-1-2009-1-BE -TEMPUS-JPHES
CREATION OF UNIVERSITY-ENTERPRISE COOPERATION NETWORKS FOR
EDUCATION ON SUSTAINABLE TECHNOLOGIES

SHORT VISIT OF EU EXPERTS TO WB PARTNER UNIVERSITIES

Visit to

The Former Yugoslav Republic of Macedonia

21st - 25th June 2010.

**UNIVERSITY OF Ss CYRIL AND METHODIUS
FACULTY OF TECHNOLOGY AND METALLURGY
SKOPJE**

21st - 23rd June 2010.

MINUTES OF THE MEETINGS

Monday 21st May 2010.

Arrival to Skopje (airport) and transfer to Hotel Sofka

Tuesday 22nd June 2010.

Pehcevo

Visit to Factory

BOMEX

Topic

Review and analyse the existing knowledge of the staff from industry on sustainable industry issue

Visit was attended by:

Hosts

Kire Kostovski

MSc

Dragan Milovski

MSc

Ilija Karakasev

MSc

BOMEX

Marc Van Acker

EU expert

Katholieke Hogeschool Sint-Lieven, Gent Belgium

Katrin Mueller-Hansen

EU expert

Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Emilija Fidancevska

Associate professor, local coordinator

University of Ss Cyril and Methodius

Faculty of Technology and Metallurgy, Skopje

Vineta Srebrenkoska

Assistant professor

University Goce Delcev

Faculty of Technology, Stip

AGENDA

Words of welcome

Kire Kostovski

Presentation the factory

Dragan Milovski;

Ilija Karakasev

Discussion

All participants

Lunch

Result of the Visit

Review and analyse the existing knowledge of the staff from industry on sustainable industry issue. Rating the level of knowledge in the field of sustainable and zero waste technologies.

Wednesday 23rd June 2010.

Skopje

WORKSHOP

Title

Screening and analysing knowledge transfer from university to industry and formulation of the course scheme

Venue

Faculty of Technology and Metallurgy, Skopje

Time

9,00-10,00

Meeting was attended by:

Marc Van Acker

EU expert

Katholieke Hogeschool Sint-Lieven, Gent, Belgium

Katrin Mueller-Hansen

EU expert

Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Emilija Fidancevska

Associate professor, local coordinator

Jadranka Gilev Blazevska

Assistant professor

Ranko Adziski

Assistant professor

Anita Grozdanov

student

Milosav Milosevski

Professor

Dijana Spaseska

Professor

Vojo Jovanov

assistant

Faculty of Technology and Metallurgy, Skopje

Zorica Meskova

Independent consultant
Vojkan Nikolovski
Marija Petroska
Economic chamber of Macedonia

Ilija Kartakasev
Dragan Milovski
Borce Konevski
Blagica Arsovska
Representatives of factories

Presentation
Ranko Adziski and Emilija Fidancevska

Discussion
concerning the environmental issues for the factory was conducted after the presentations
Mark Van Acker
Katrin Muller Hansen
Ilija Karakasev
Emilija Fidancevska
Milosav Milosevski

CONFERENCE OF DISSEMINATION

Title
Screening and analysing knowledge transfer from university to industry and formulation of the course scheme

Venue
Faculty of Technology and Metallurgy, Skopje.

Time
10,00 - 14,00

Meeting was attended by:

Marc Van Acker
EU expert
Katholieke Hogeschool Sint-Lieven, Gent, Belgium

Katrin Mueller-Hansen
EU expert
Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Emilija Fidancevska
Associate professor, local coordinator

Aleksandar Dimitrov
Dean

Jadranka Gilev Blazevska
Assistant professor

Ranko Adziski
Assistant professor

Anita Grozdanov
Associate professor

Milosav Milosevski
Professor

Dijana Spaseska
Professor

Vojo Jovanov

MSc

Faculty of Technology and Metallurgy, Skopje

Vineta Srebrenkoska

Assistant professor

University Goce Delcev

Faculty of Technology, Stip

Zorica Meskova

Independent consultant

Vojkan Nikolovski**Marija Petroska**

Economic chamber of Macedonia, Skopje

Dijana Capeska Bogatinoska

MSc

Eurokompozit, Prilep

Representatives of factories

And

Center for adults education

Companies:

BOMEX Refractory Pehcevo

EUROKOMPOZIT Prilep;

KNAUF Debar;

MAKPETROL Skopje;

SANKERAM MAKEDONIA Strumica;

TITAN Cementarnica USJE Skopje

Press

TV stations (Alfa; K-15 and Nasa TV)

ACITVITIES	CARRIER OF ACITVITIES	TIME
Collection and registration of participants, welcome guests	Vojo Jovanov	10 ⁰⁰ to 10 ³⁰
Opening ceremony opening speech of the Dean of FTM	Aleksandar Dimitrov	10 ³⁰ to 10 ³⁵
Presentation of Katholieke Hogeschool Sint-Lieven, Gent, BELGIUM	Marc Van Acker	10 ³⁵ to 10 ⁴⁵
Presentation of Institute of Applied Material Flow Management, Birkenfeld, GERMANY	Katrin Mueller-Hansen	10 ⁴⁵ to 10 ⁵⁵
Part I: Sustainable technology and focus problems of education		
Presentation of the Project "Creation of university-enterprise cooperation networks for education on sustainable technologies"	Emilija Fidancevska	10 ⁵⁵ to 11 ⁰⁵
Sustainable technologies	Anita Grozdanov	11 ⁰⁵ to 11 ¹⁵
Zero emission	Jadranka Blazevska Gilev	11 ¹⁵ to 11 ²⁵
Sustainable technologies in the industries in Macedonia, estimated need for education	Zorica Meskova	11 ²⁵ to 11 ³⁵

ACTIVITIES	CARRIER OF ACTIVITIES	TIME
Life Long Learning in the field of sustainable technologies	Vineta Srebrenkoska	11 ³⁵ to 11 ⁴⁵
Discussion	Marc Van Acker Katrin Mueller-Hansen Jadranka Blazevska Gilev Anita Grozdanov	11 ⁴⁵ to 12 ⁰⁵
Distribution and filling the questionnaire list	Vojo Jovanov	12 ⁰⁵ to 12 ¹⁰
Filling the questionnaire list	Participants	12 ¹⁰ to 12 ²⁵
Coffee break		12 ²⁵ to 12 ⁴⁵
Part II: SWOT situational analysis		
Introduction to SWOT situational analysis of training needs for education in the field of Sustainable Technology	Dijana Capeska-Bogatinoska	12 ⁴⁵ to 12 ⁵⁵
Conducting analysis and discussion of participants, defining training needs, vision and strategic objectives in the field of education	Marc Van Acker, Katrin Mueller-Hansen Dijana Capeska Bogatinoska Emilija Fidancevska Ranko Adziski	12 ⁵⁵ to 13 ¹⁵
Conclusions of workshop and evaluation of dissemination. Required education Defining the course scheme	All participants Emilija Fidancevska Moderator	13 ⁵⁵ to 14 ⁰⁵
Snack		

Economic Chamber of Macedonia

Topics

Review and analyse the existing knowledge of the staff from industry on sustainable industry issue

Meeting was attended by:

Marc Van Acker

EU expert

Katholieke Hogeschool Sint-Lieven, Gent, Belgium

Katrin Mueller-Hansen

EU expert

Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Zorica Meskova

Independent consultant

Vojkan Nikolovski

Marija Petroska

Lence Zikova

Economic Chamber of Macedonia

Emilija Fidancevska

Associate professor, local coordinator

Jadranka Gilev Blazevska

Assistant professor
Ranko Adziski
Assistant professor
Faculty of Technology and Metallurgy, Skopje

Vineta Srebrenkoska
Assistant professor
University Goce Delcev
Faculty of Technology, Stip

Results of the Meeting:

1. Review and analyse the existing knowledge of the staff from industry on sustainable industry issue
2. Discussion on the further activities on the project
3. Discussion for the possibilities for future projects.

**UNIVERSITY GOCE DELCEV
FACULTY OF TECHNOLOGY
STIP
24th - 25th June 2010.**

MINUTES OF THE MEETINGS

**Thursday 24th June 2010
Stip**

WORKSHOP

Title

Screening and analysing knowledge transfer from university to industry and formulation of the course scheme

Venue

Faculty of Technology, STIP

Date

24.06.2010.

Time

11,00-12,30

Meeting was attended by:

Marc Van Acker

EU expert

Katholieke Hogeschool Sint-Lieven, Gent, Belgium

Katrin Mueller-Hansen

EU expert

Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Vineta Srebrenkoska

Jordan Zivanovik

Dimko Dimeski

Krsto Blazev

Saska Golomeova

Sanja Spasova

Silvana Krsteva

Aleksandra Risteska

Maja Kikiritkova
University Goce Delcev
Faculty of Technology, Stip

Emilija Fidancevska
University of Ss Cyril and Methodius
Faculty of Technology and Metallurgy, Skopje

Dijana Capeska
Bogatinoska
Goce spirkoski
Blaze Barleski
Representativs of factories

And

Representativs
of
Economic Chamber of Macedonia

Presentation
Vineta Srebrenkoska

Discussion
concerning the enviromental issues for the factory was conducted after the presentations
Mark Van Acker
Katrín Muller Hansen
Vineta Srebrenkoska
Dijana Capeska Bogatinoska
Goce Spirkoski
Dimko Dimeski

CONFERENCE OF DISSEMINATION

Title
Screening and analysing knowledge transfer from university to industry and Formulation of the course scheme

Venu
Faculty of Technology, Stip

Time
12,30 - 16,30

Conference was attended by
Marc Van Acker
EU expert
Katholieke Hogeschool Sint-Lieven, Gent, Belgium

Katrín Mueller-Hansen
EU expert
Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Blazo Boev
Vice rector
Vineta Srebrenkoska
Assistant professor
Jordan Zivanovik
Dimko Dimeski

Krsto Blazev
Saska Golomeova
 MSc
Sanja Spasova
 MSc
Silvana Krsteva
 MSc
Aleksandra Risteska
Maja Kikiritkova
Marija Mitreva
 student
Ivana Naseva
 student
University Goce Delcev
Faculty of Technology, Stip

Emilija Fidancevska
 Faculty of Technology and Metallurgy, Skopje

Nikola Luceski
 General manager
Dijana Capeska Bogatinoska
 EUROKOMPOZIT

Goce Spirkoski
Blaze Barleski
 Academic staff
University Goce Delcev, Stip
Faculty of technology

Faculty of natural and technical science
Faculty of informatics
Faculty of agriculture

Chamber of Commerce Prilep

Companies
EUROKOMPOZIT Prilep
 Longurov Stip
 BEAS Stip
 Aktiva Stip
 Euronova Stip

ACITVITIES	CARRIER OF ACITVITIES	TIME
Registration	Marija Mitreva Ivana Naseva	12 ³⁰ to 13 ⁰⁰
The words of welcome	Blazo Boev	13 ⁰⁰ to 13 ¹⁰
Presentation of Katholieke Hogeschool Sint-Lieven, Gent	Marc Van Acker	13 ¹⁰ to 13 ²⁰
Presentation of Institute of Applied Material Flow Management	Katrin Mueller-Hansen	13 ²⁰ to 13 ³⁰
Part I : Sustainable technology and focus problems of education		
Presentation of the Project,	Vineta Srebrenkoska	

ACITVITIES	CARRIER OF ACITVITIES	TIME
"Creation of university-enterprise cooperation networks for education on sustainable technologies"		13 ³⁰ to 13 ⁴⁰
Life Long Learning in the field of sustainable technologies	Emilija Fidancevska	13 ⁴⁰ to 13 ⁵⁰
Coffee break		13 ⁵⁰ to 14 ¹⁰
Sustainable technologies in industries in Macedonia, estimated need for education	Dijana Capeska Bogatinoska	14 ¹⁰ to 14 ²⁰
The development of textile industries in R. Macedonia and the need for education in sustainable technologies 1. General classification of solid wastes from textile industry 2. Management of solid waste in the textile industry in R. Macedonia 3. Influence of the strategy for waste management of R. Macedonia from 2008 - 2020 years on the textile industry	Saska Golomeova Sanja Spasova Silvana Krsteva	14 ²⁰ to 14 ⁵⁰
Discussion	Marc Van Acker Katrin Mueller-Hansen, Dijana Capeska Bogatinoska Emilija Fidancevska Vineta Srebrenkoska	14 ⁵⁰ to 15 ⁰⁰
Distribution and filing the questionnaire list	Aleksandra Risteska	15 ⁰⁰ to 15 ¹⁰
Findings questionnaire	Participants	15 ¹⁰ to 15 ²⁰
Coffee break and snack		15 ²⁰ to 16 ¹⁰
Part II: SWOT situational analysis		
Introduction to SWOT situational analysis of training needs for education in the field of Sustainable Technology	Nikola Luceski	16 ¹⁰ to 16 ²⁰

ACITVITIES	CARRIER OF ACITVITIES	TIME
Conducting analysis and discussion of participants, defining training needs, vision and strategic objectives in the field of education	Emilija Fidancevska Vineta Srebrenkoska Nikola Luceski	16 ²⁰ to 16 ³⁰
Conclusions of workshop and evaluation of dissemination. Required education Defining the course scheme	Vineta Srebrenkoska	16 ³⁰ to 16 ⁴⁰

Friday 25th June 2010
Prilep

Visit to Factory EUROKOMPOZIT

Topic

Review and analyse the existing knowledge of the staff from industry on sustainable industry issue

Visit was attended by:

Hosts

Mr Nikola Luceski

Mr Gore Spirkoski

Mr Blaze Barleski

EUROKOMPOZIT

Marc Van Acker

EU expert

Katholieke Hogeschool Sint-Lieven, Gent Belgium

Katrin Mueller-Hansen

EU expert

Institute for Applied Material Flow Management (IfaS), Environmental Campus Birkenfeld, Germany

Emilija Fidancevska

Associate professor, local coordinator

University of Ss Cyril and Methodius

Faculty of Technology and Metallurgy, Skopje

Vineta Srebrenkoska

Assistant professor

University Goce Delcev

Faculty of Technology, Stip

AGENDA

Words of welcome

Nikola Luceski

Presentation the factory

Gore Spirkoski

Blaze Barleski

Discussion

All participants

Lunch

Results of the Visit

Review and analyse the existing knowledge of the staff from industry on sustainable industry issue and estimating the level of their knowledge in the field of sustainable and zero waste technologies.

Friday 25th June 2010

Departure