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

Novi Sad 08th July 2010
Presentation
the first Course scheme
TOPICS

1. Concept of sustainability related to society, especially industry
2. Zero emission technologies
3. Material and energy flow management in industry
4. Case studies
5. Zero emission of material or/and energy in selected industry
COMMON TOPICS FOR ALL 4 COURSES

1. Concept of sustainability related to society, especially industry
2. Zero emission technologies
3. Material and energy flow management in industry
4. Case studies

TOPIC TAILORED TO THE SPECIFIC NEEDS OF THE INDUSTRY

5. Zero emission of material or/and energy in selected industry
The courses will be created on the basis of:

1. Screening and analysis of the status of knowledge in industry regarding the topics of the courses
2. Re-training of WB staff from partner universities in EU
1. Screening and analysis of the status of knowledge in industry regarding the topics of the courses
2. Re-training of WB staff from partner universities in EU

Framework of retraining and updating sessions

- Experience with enterprise-university cooperation
- State of the industries concerning sustainability
- Practical examples of zero emission industries
- Lectures concerning the topics of the course
- Teaching methods for adults
- First course scheme
Retraining In BE

Agenda
• Sustainable industry and society
• Management of sustainability
• EU LLL policy
• State of the industry concerning sustainability in BE
• Experience with enterprise-university cooperation in BE
• Examples of zero emission industries in BE
• Experience in LLL and teaching methods for adults
• First course scheme.
Retraining In GE

Agenda

• Zero emission concept
• Circular Economy concept
• Material flow management
• Experience with enterprise-university cooperation in DE
• State of the industry concerning sustainability in DE
• Examples of zero emission industries in DE
  • Case studies
• Experience with LLL and teaching methods for adults
• First course scheme
Retraining In AT

Agenda

• Environmental protection and energy efficiency
• Zero energy emission technologies
• Zero waste in air
• Experience with enterprise-university cooperation in AT
• State of the industry concerning sustainability in AT
• Examples of zero energy emission technologies
  • Case studies
• Experience with LLL and teaching methods for adults
• First course scheme
Creation of university-enterprise cooperation networks for education on sustainable technologies

Workshop and Dissemination Conference
Novi Sad, 08th July 2010.

ECTS: 6
Workload: 150 hours
Duration of courses: 3 - 4 months
Target group: Staff from the industry
Participants: up to 20
Pedagogical methodology

The methodology will be based on EU’s strategy principle of working together and learning from each other.

The principle of good practice exchange and Peer learning will also be adopted.
Contact hours

Introductory lectures

Peer learning activities

Practice

Reworking hours and

Self-conductive learning
DISCUSSION
COMMON TOPICS
1. Concept of sustainability related to society, especially industry
2. Zero emission technologies
3. Material and energy flow management in industry
4. Case studies
DISCUSSION

SPECIFIC TOPICS

5. Zero emission of material or/and energy in selected industry
DISCUSSION

LIFE LONG LEARNING
Thank you
For your cooperation!