Training for Building Insulation Specialists

10th Hanseatic Conference

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Hanse-Parlament

January 21, 2015
In Germany about 15% of young people do not receive a vocational training.

The unemployment rate of young people without or with a low vocational training degree is high throughout the countries of the Baltic Sea Region:

- Denmark and Germany - 11% to 12%
- Finland and Sweden around 17%
- Poland - 20%
- Estonia - 25%
- Latvia - 28%
- Lithuania - 35%

At the same time SMEs complain about a lack of skilled crafts and lack of qualifications of young professionals.

Source: Eurostat 2012
Integration of young people into the labour market is an issue of critically high priority in the entire European Union (EU)…

…the youth unemployment problem has explicit links to the vocational education and training (VET) systems within which lower and medium qualification specialists are prepared for the labour market…“

(University of Latvia to Work Based Learning and Regional Development in Latvia)
Problems to be addressed

Vießältige Gründe für fehlende berufliche Ausbildung

- Kein Schulabschluss oder große Defizite in der Schulausbildung
- Soziale Probleme im Elternhaus
- Individuelle Verhaltensprobleme

Weitere gravierende Ursachen

- Die Menschen sind sehr unterschiedlich und lernen auf verschiedene Weise
- Aber alle sollen Gleiches erreichen + auf gleicher Weise lernen

Gerechtigkeit entsteht nicht durch Gleichmacherei, sondern durch Chancen-Gleichheit

Erforderlich sind unterschiedliche Formen und Wege des beruflichen Lernens

Umwge vermehren die Ortskenntnisse!
“...the achievement of the Energy 2020 aims is impossible without highly qualified and knowledgable workers [...] High quality of construction work in renovation and construction is one of the most important factors in making investements in raising energy efficiency and using renewable energy resource economically justifiable.”

(Source: Build-Up Skills country reports)
In Project “Skills Alliance Energy”

- All young people must be integrated in vocational training
- High unemployment rate among young people needs to be reduced sustainably
- In view of the shortage of specialists and shrinking number of school graduates the whole potential and talents are needed

Development of specific two-year vocational trainings corresponding to the learning needs of these young people to enable collection of experiences needed for success and integrate them in the working life in a process-like manner

- Less theory with the orientation at the learning needs of the target group
- Strengthened practical training → realization in dual system: 75% enterprises + 25% school
Aims and Activities

- **Education system as a flexible and open model**
  - In an open system the graduates must be able to obtain all other certificates of completion of vocational training and further training which correspond to their initial profession.

- **Acknowledged vocational training degree with a state final examination**

Entire energy sector is a growth market with a strongly increasing demand for qualified labor forces:

- Numerous activities for persons with a lower qualification level and predominantly practical skills.

- **Creating two years vocational training “Specialist for Building Insulation”**
Aims and Activities

Specialist of Building Insulation

1-1, 5 years

about 2 years

3-3.5 years e.g. Carpenter (Level II EU-QF)

basic education (Level I EU QF); recognised degree of the profession, e.g. carpenter assistant; the in the project developed part
Specialist of Building Insulation
Curricula created by VISC

Preparation for insulation
- Preparing objects for insulation
  - Theory 5%
  - Practice 13%
- Preparing surface for insulation
  - Theory 7%
  - Practice 21%

Assembling thermal insulation
- Theory 7%
- Practice 21%

Application of finish layers
- Theory 6%
- Practice 19%
Curriculum was developed by the project partner National Centre for Education in Latvia.

In developing curriculum experts, companies and vocational teachers were involved.

The learning content, structure, learning results, examination requirements and content were determined in a joint effort.

Development and **Coordination of Final** examination and international recognition.

Two-year vocational education program is classified within the BSR-QF on the Level 3 "Lower Vocational Graduation".

All four modules are classified as compulsory modules in which knowledge and skills must be acquired.
<table>
<thead>
<tr>
<th>Module</th>
<th>Hours of theory</th>
<th>Hours of practice</th>
<th>Credit points</th>
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<tr>
<td>Preparing objects for insulation</td>
<td>164</td>
<td>434</td>
<td>21.8</td>
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<tr>
<td>Preparing surfaces for insulation</td>
<td>214</td>
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<td>34.1</td>
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<td>Assembling thermal insulation</td>
<td>246</td>
<td>681</td>
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<tr>
<td>Application of finish layers</td>
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<td>624</td>
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<td>Specialist for Building Insulation</td>
<td>828</td>
<td>2458</td>
<td>120</td>
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1. High demand and interest by young people and SMEs in Lithuania 
   a) Testing from September 1, 2014
      - 16 trainees and 1 enterprise - many on the waiting list
      - first part of the implementation has been successful
   b) Second implementation from September 2015
2. High demand and interest by young people and SMEs in Lithuania, but (still) legal problems
   - Integration in the vocational schools from March 2015
3. Great interest in Latvia and Norway
Training is available for all users and all countries!

Manual for trainings and dual study courses of the sector skills alliance “Skills Energy BSR”
Thank you for your attention!