Dual Vocational Training: New Education for Smart Specialisation in Innovation and Regional Policy

Tenth Hanseatic Conference

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Problems to be addressed

**Education is the key for the promotion of innovations**

Innovation capacity of SMEs are very limited by glaring lack of entrepreneurs and skilled employees

- Through the lack of qualifications, Innovation and international cooperation is weak.
- At the same time there is high (youth) unemployment, particularly in countries with school-based vocational training
- About work-based learning new concepts of vocational training and studying are developed and tested, with the aim:
  a) of eliminating the growing lack of entrepreneurs and skilled employees
  b) to compensate skills deficits particularly regarding entrepreneurship, smart specialization and customer-driven innovations.
  c) to strengthen the international orientation of SMEs and innovation.
Development of the dual VET projects in a nutshell

**Bottom up-approach, need for better VET; Consultation with Chambers, administrations and colleges**

**since 2011**

- Discussion with EC

- Survey 2013: „Innovation in SMEs“ with more than 600 organisations from the BSR

- Additional research

- Bilateral meetings with Education Ministries (PL, LT, LV)

**since 2014**

- Seed money project: January 2014

- Detailed survey VET in BSR

- Detailed work plan

- Final partnership

**Flagship project: Fit4Fure**

- Education for innovation, Reform of VET

- Detailed work plan

- Final partnership

**First main project: Work based Learning**

- Start September 2014

- 7 partners from 4 countries

- Implementation Work based Learning

- Implementation Trainer in SMEs
Seed money project 2014

“Dual vocational training for the qualification and integration of youth for strengthening the innovation and growth in SMEs”

(Preparation, Analysis, Feasability..)

• 3 Workshop with partners
  1 Conference with Partners Main Project
• Analyses of labour and education markets and national educational systems
• Dual system of vocational training in Germany and trends, consequences and strategies for vocational education BSR
• Evaluation of existing projects and written survey
• Feasibility studies for
  a) Gdansk Region, Poland
  b) Three Subregions of the Province of Pomerania, Poland
  c) Region Vilnius, Lithuania
  d) Satakunta Region, Finland
• Comprehensive matched Outline for two Mayor Project

Main Projects
Implementation of measures (Change of laws, creation of curricula, start of trainings and study courses, acquisition of SMEs....)
All results in

a) 3 Reports

- Report A: Analyses of labour and education markets in BSR
- Report B: Dual system of vocational training in Germany and trends, consequences and strategies for vocational education
- Report C: Evaluation of existing projects, written survey and feasibility studies

b) and 2 applications for main projects

- Work based Learning: **Start of the project 01.09.2014**
- New Education for Smart Specialisation in Innovation and Regional Policy – FIT4FUTURE: **Application February 2015**
After doing evaluation, feasibility studies, research, preparatory meetings with administrations since 2011, the Flagship project Fit4Future is now about starting the action. It will transfer, adapt the system AND implement it.

Create necessary partnership between
- SME organisations (providing the training positions in the companies)
- Colleges/Vocational schools (providing the curricula/schooling; Development of new competences))
- Universities (helping to adapt the curricula to national needs)
- Administrations (to adapt regulations, formal recognition of qualification)

The project will not only create the framework, but focuses on the implementation. During the project lifetime, the VET courses will start in at least 3 regions.
Activities + Actors Fit4Future

**Tasks**

- Innovation Support and R&D
- New Education
- DVT + Entrepreneurship
- Further DVT + Consulting

**Actors**

- Vocational Colleges
- SMEs + Chambers
- Universities
- Administrations

Regional Innovation and Education Center of Excellence
Activities Fit4Future

**Tasks**
- Innovation Support and R&D
- Dual Studies Programms
- New Education
- DVT + Entrepreneurship
- Further DVT + Consulting

**Actors**
- Vocational Colleges
- SMEs + Chambers
- Universities

Implementing in 3 Regions:
- Dual vocational Training
- Additional training in entrepreneurship

Regional Innovation and Education Center of Excellence
Activities Fit4Future

Tasks
- DVT + Entrepreneurship
- New Education
- Innovation Support and R&D
- Dual Studies Programs
- Further DVT + Consulting

Actors
- Implementing in 7 Regions: Entrepreneurship, Founders, Technology, etc.
- Founder s and Transferees
- SMEs + Chambers
- Universities
- Vocational Colleges

Regional Innovation and Education Center of Excellence
Activities Fit4Future

**Tasks**

- Further DVT + Consulting
- DVT + Entrepreneurship
- New Education
- Innovation Support and R&D
- Dual Studies Programmes

**Actors**

- Vocational Colleges
- SMEs + Chambers
- Universities

Implementing in 2 Regions:

New Dual Bachelor Studies

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Activities Fit4Future

**Tasks**
- Dual Studies Programms
- Innovation Support and R&D
- DVT + Entrepreneurship
- Further DVT + Consulting
- New Education

**Actors**
- Vocational Colleges
- SMEs + Chambers
- Universities

Implementing in 7 Regions:
- Technology Transfer + R&D Tasks

Regional Innovation and Education Center of Excellence
Target groups Fit4Future

- Young People
- SMEs
- Graduates DVT
- Owners and staff SMEs
- Bachelor students
- Graduates Bachelor studies
- Students
- SMEs
- Graduates DVT
- SMEs
- Administrations
- Vocational Colleges
- Universities
- SMEs + Chambers

Regional Innovation and Education Center of Exellence
Networking in BSR

BSR Network regional Center of Excellence

- International exchange
- Promotion DVT + dual studies
- Joint development
- security cooperation
- sustainability assurance

Members
Hanse-Parlament

Members
Baltic Sea Academy

Coordination

Regional Innovation and Education Center of Excellence

Vocational Colleges

SMEs + Chambers

Universities

Administrations
Thank you for attention!