



Leonardo da Vinci Thematic Conference

*“Competences, Learning outcomes, Qualifications:
Transparency contributing to Employability”*

Workshop 3

Methods and tools for the assessment of competences

Håkan Linde and Ingemar Andreasson
UTEK (SE)



ValidMaint

Project Reference: SE/05/B/F/PP-161003

Contract Year: 2005

Contractor: UTEK AB (Swedish Maintenance Society)

Partners: Belgium, Denmark, Ireland, Slovak Republic, Slovenia



Objectives of the Project

European Test Centres for validation of practical working Maintenance Technicians

Recruiting, Vocational and Certificate

- o Theoretical tests
- o Practical tests
- o Language test

Cost effective tests (one day for certificate)



Beneficiaries of the Project

The same standard in all European countries

Everybody can be valuated in their mother-tongue

Quality assurance by Statistics

Easy to expand with additional subjects and questions

Direct judgment by the IT-tool

Multi-choice questions

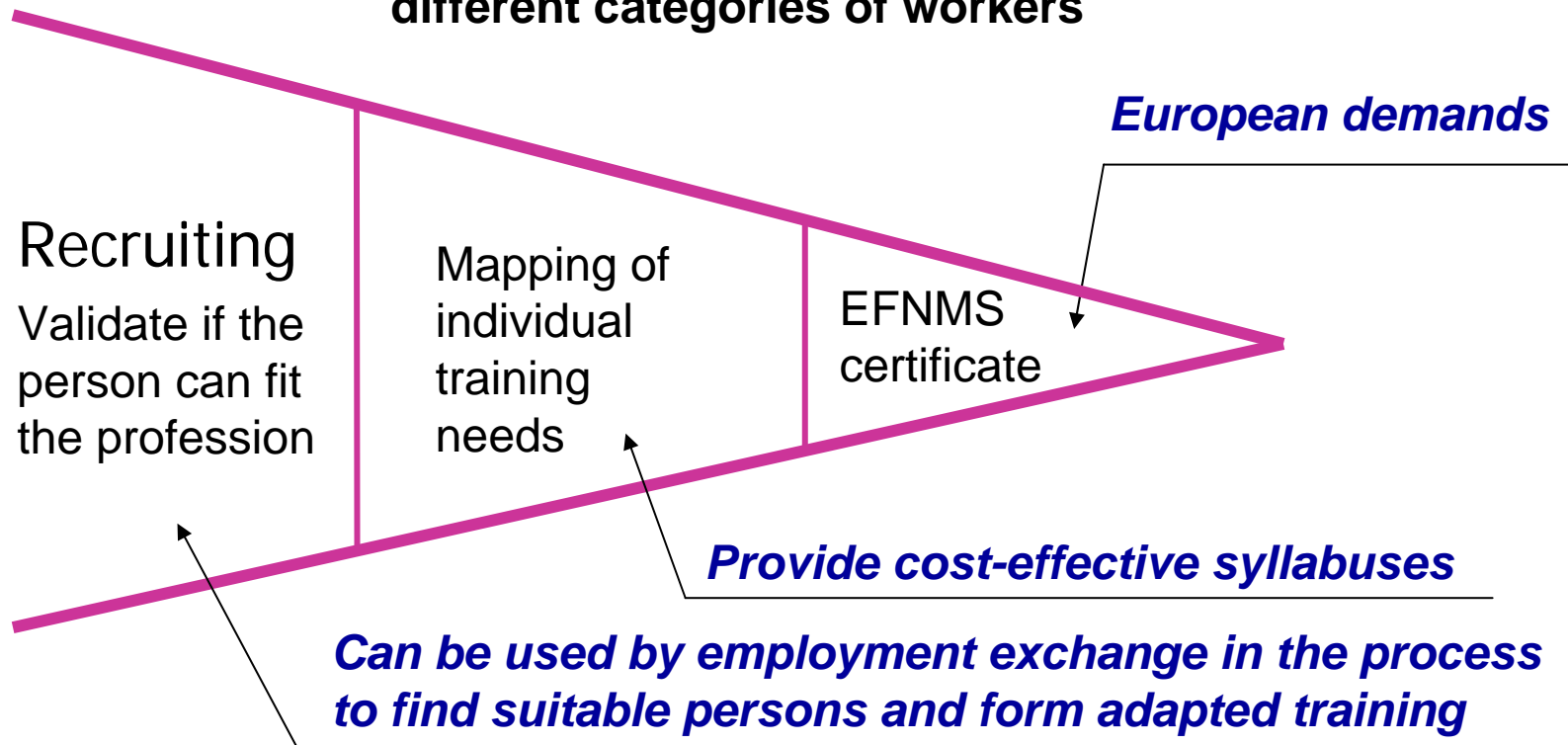
Low validation cost

Easy to expand



Outcomes, Products, Results -1

The same system for validation will be used on various levels and for different categories of workers



Validation is a tool to identify and create the best labour force



Outcomes, Products, Results -2

Technician level

Troubleshooting of a machine

- **Analyse of PLC with in- and outputs**
- **From drawings to practical activities with Mechatronic manner**

Troubleshooting in computer

- **Analyse of pictures**
- **Analyse of drawings**

Recruiting level

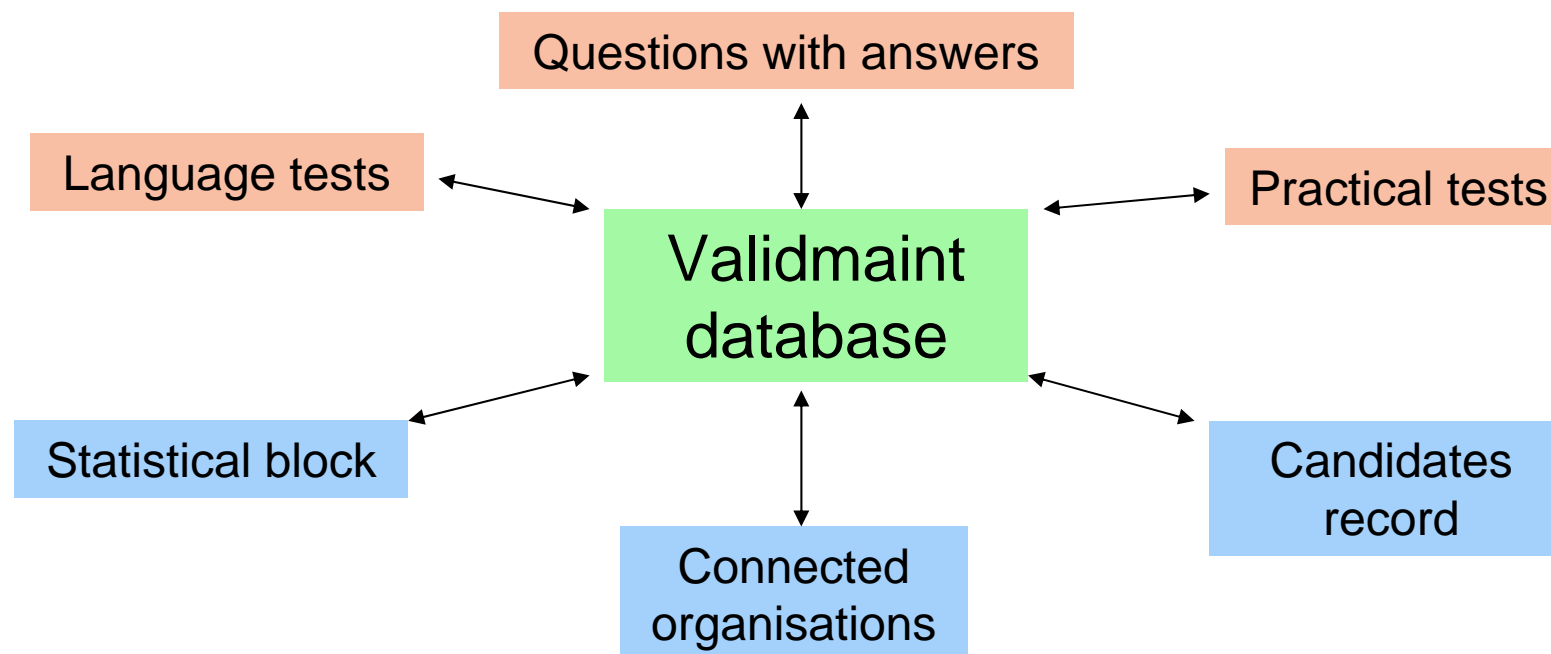
Testing the way of doing things (practical skill)



Contribution to Workshop focus -1

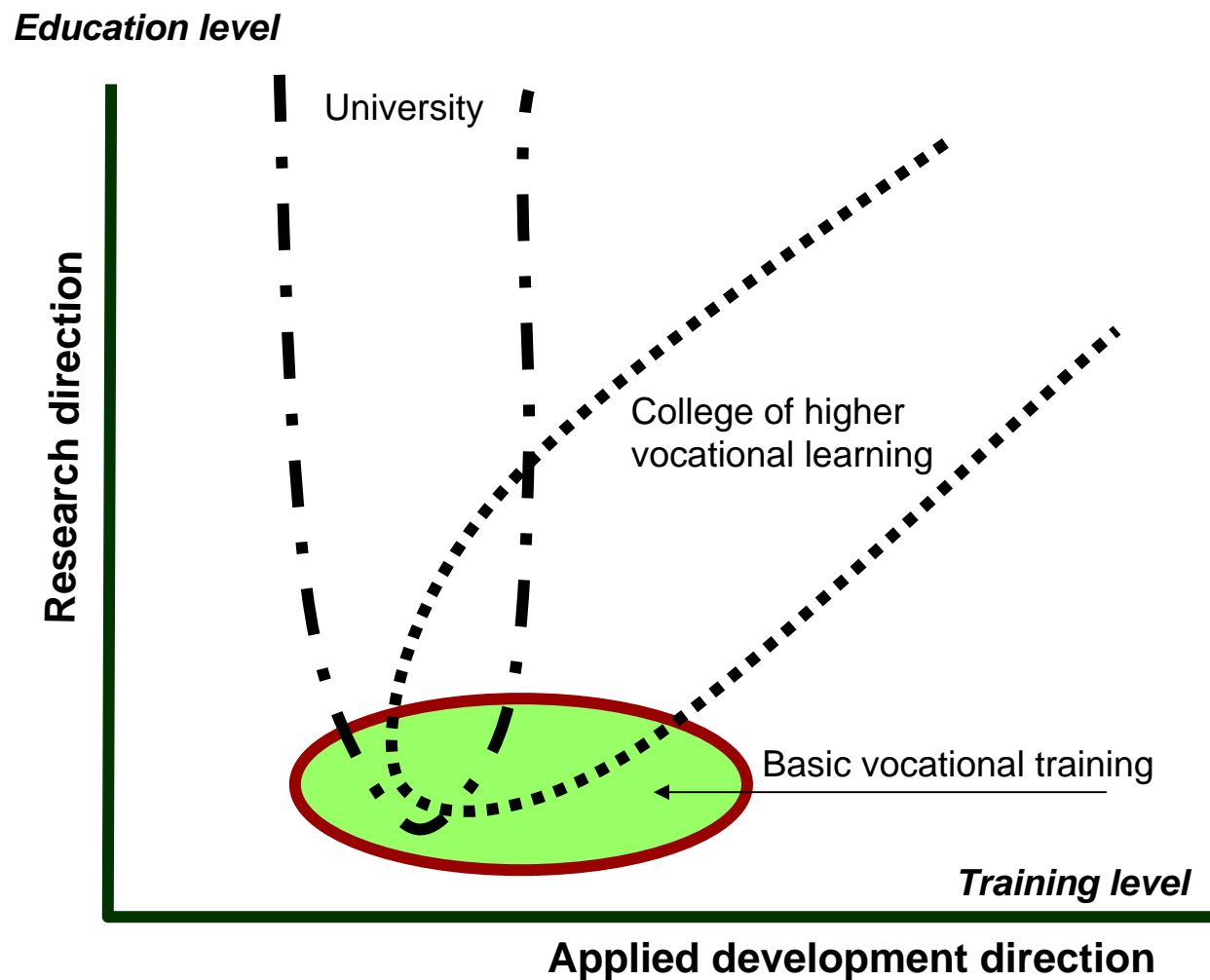
The biggest market is: Personal training recommendation

Strict neutral validation





Contribution to Workshop focus -2





Challenges ahead

- Valorisation in 23 European countries
- Translation to connected countries languages
- Establishment of Test Centres in connected countries
- Extending to deeper maintenance technical specialities
- Development of validation to a maintenance engineering level