

# Work placed based Qualified Vocational Training and Education

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# Agenda

- Industrial Needs
- Learning Provider
- Summary
- Workplace based Learning
- Support Structures
- Infrastructure
- Certificate
- Success Factors
- Summarize /Questions ?

# Industrial Needs

- **Seven main reasons were identified for industrial development, seen from the industrial perspective:**
- **Win the competition for investments.**
- **More effective research and development related to industry.**

(Cont.)

- **Create a more functional job market and increase degree of employment**
- **Avoid unnecessary training**
- **Develop a broader basis for recruiting**
- **Secure high level of competence of employees**
- **Increase employability and international development**

# The Learning Provider's Perspective:

The following questions have been crucial:

- **Managers lack experiences and skills to express their learning demands.**
- **Managers lack knowledge of how to organise learning.**
- **How vocational training in collaboration with the industry and the learning provider can be organised.**

# Summary of Educational and Training Needs

- Find new forms for training, i.e. new forms, techniques and flexible models for lifelong learning.
- Develop solutions for the transfer of competence.
- Build a model for the standardization and qualification of professional training.

# Workplace based Learning

- Course-structured VET training where part of the studies occur in the workplace.
- Long-distance methods to increase the possibilities for flexibility.

(cont.)

- Possibilities for unemployed as well as employed to undergo training.
- Possibilities for employees to take part in the training at a slower pace.
- Possibilities for employed to undergo selected courses on a part time basis.

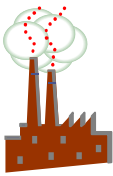
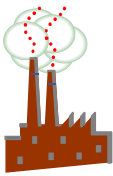
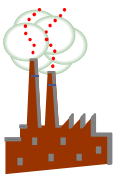
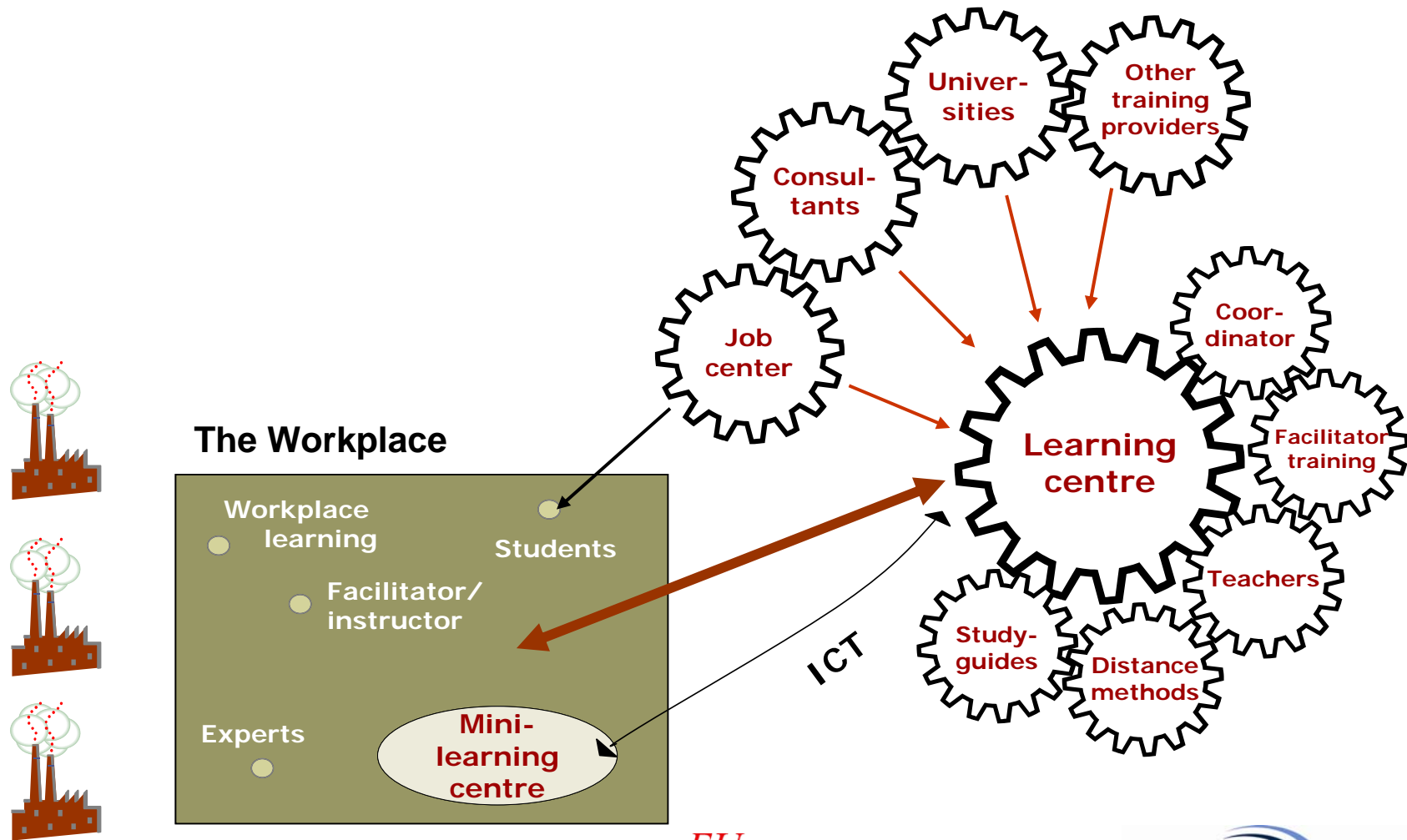
# Support Structures

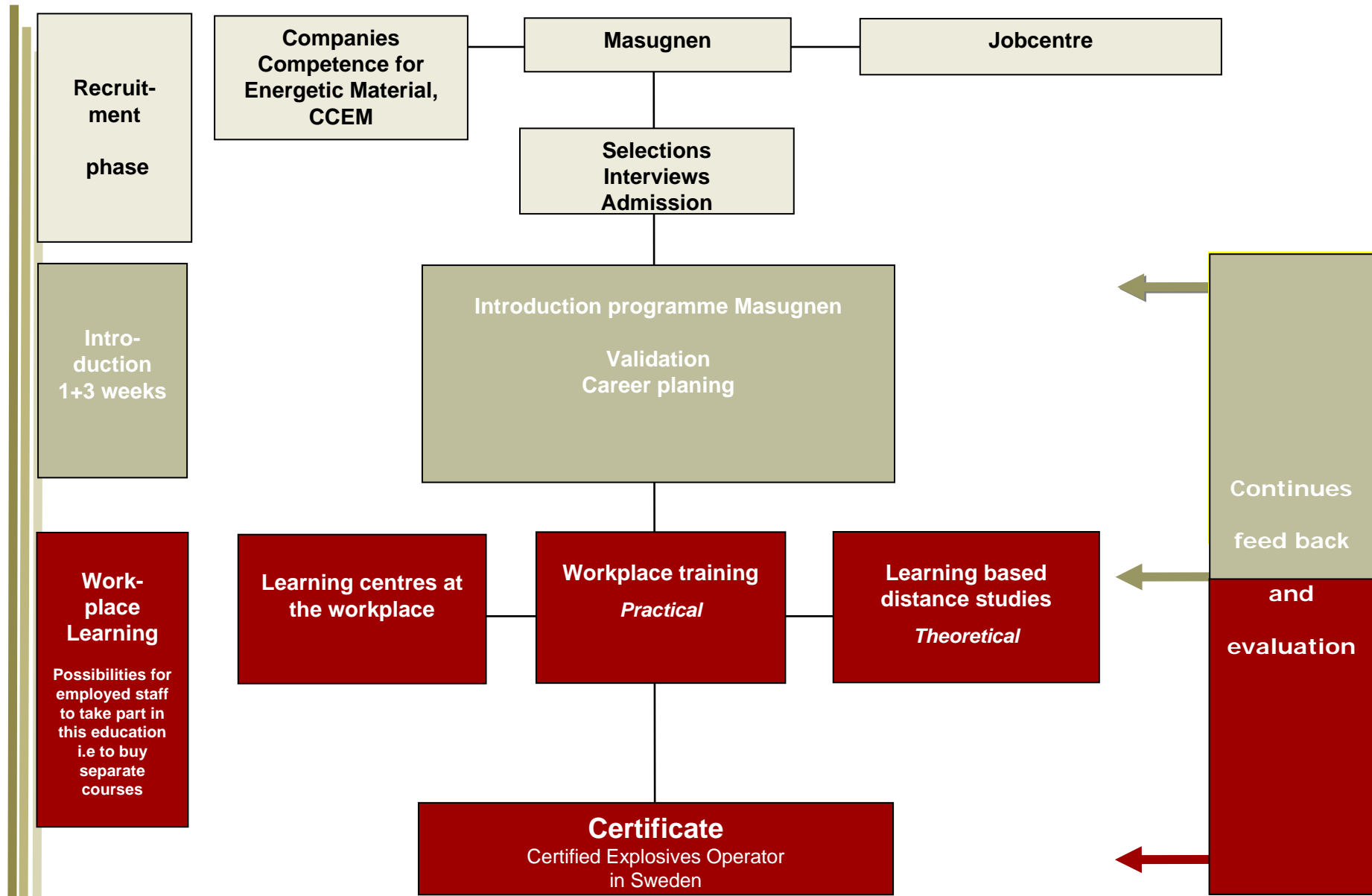
- **Coordination**
- **Handledarstöd**
- **Validation**
- **Career planing**

(cont)

- **Individual Syllabus**
- **Introduction**
- **Group dynamic**

# Learn Direct at the Workplace





**Recruitment phase**

**Introduction 1+3 weeks**

**Workplace Learning**  
Possibilities for employed staff to take part in this education i.e to buy separate courses

**Companies Competence for Energetic Material, CCEM**

**Masugnen**

**Jobcentre**

**Selections Interviews Admission**

**Introduction programme Masugnen**  
Validation  
Career planning

**Learning centres at the workplace**

**Workplace training**  
*Practical*

**Learning based distance studies**  
*Theoretical*

**Continues feed back**

**and evaluation**

**Certificate**  
Certified Explosives Operator in Sweden



2007



## Certified Vocational Training

with emphasis on process engineering within the explosives industry

40 CVE-points



A co-operation between Adult Learning Centre Masugnen, KCEM and representatives from the explosives industry.

masugnen - centre for learning and development

# Certified Vocational Training

With emphasis on process engineering within the explosives industry, 40 CVE-points

Carried out with the modern support of e-learning

**EU**  
**Exc@rt**  
Certifying Expertise in  
European Explosives Sector

  
Bofors Test Center

# Certificate

Technician  
in  
explosive  
and  
flammable material

M A S U G N  
L I N D E S B E R G

**EU**  
**Exc@rt**  
Certifying Expertise in  
European Explosives Sector

  
Bofors Test Center

# Certified Vocational Education and Training

## Success Factors

- - Industry
  - KCEM – Competence Centre for Energetic Materials
  - Steering Committee
  - Learning Centre
- - Coordinator
  - Facilitator
  - Learning at the Workplace



Thanks for listening !

Questions ?

