
Life long learning in the Explosives sector

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Definition: Lifelong learning

- All learning activity undertaken throughout life, with the aim of improving knowledge, skills and competences within a personal, civic, social and/or employment-related perspective.

(COM, 2001, 678:9)

Definition: Competence

- A persons ability to carry out work related duties and ability to develop work tasks



EU strategies for lifelong learning

■ Emphasises

- Learning through working life
- Individual responsibility
- Employers responsibility
- State / governmental responsibility

- Implicit – sustaining employability

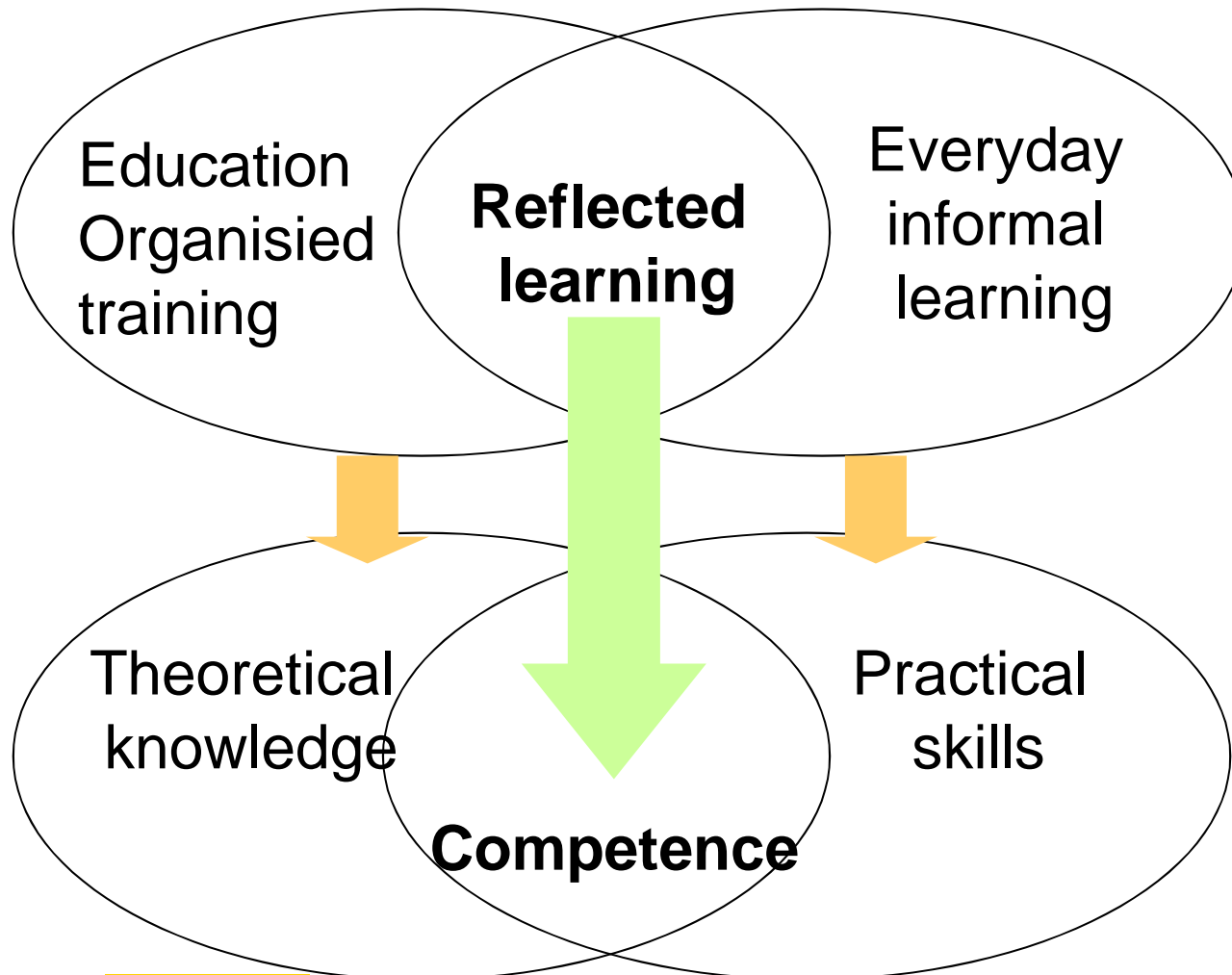


Lifelong learning for industrial workers

- Global economy, changes in market conditions – rapid technological changes - rhetoric's for employability
- Sustainable conditions for growth – requires continuous competence and skills development
- Employable and flexible workers
- Sector specific basic education and training
- Recruitment and long-term planning
- Skills drain – retiring workforce
- Places learning at work



Developing competence



Transparent skills and competencies in the explosives sector

- Learning anywhere in Europe – same credit system
- Competence analysis based on occupational standards
- Gap analysis and plans for further learning (training, education)
- Accreditation of previous learning and experience



Qualifications and competencies

- EQF
 - European system for vocational education and training (European Qualification Framework)
- ECVET
 - European Credit system for vocational education and training – to emphasise transparency of VET (European Credit system for VET)
- NQF
 - A British standard for a accrediting competencies into qualifications, based on previous learning and work life experiences (National Qualification Framework)



NVQ – the model for EUExcert

Level	NVQ's	General Education
5	NVQ5: Professional	Higher Education
4	NVQ4: Higher Technician, management	Higher Education
3	NVQ3: Advanced craft, technician supervisor	2 GCSEs A levels
2	NVQ2: Basic craft	5 GCSEs A to C
1	NVQ1: Foundation	4 GCSEs D to G



Building on the ECDL Model

ECDL Model

EuExcert
Foundation



- Licensing national awarding bodies
- Quality assurance
- Standards maintenance
- Audit

National
Awarding
Bodies



- Accreditation of national awards
- Qualifications
- National Quality Assurance

Training
Providers



- Training & education
- Assessment
- Awarding Qualifications



Conditions for lifelong learning

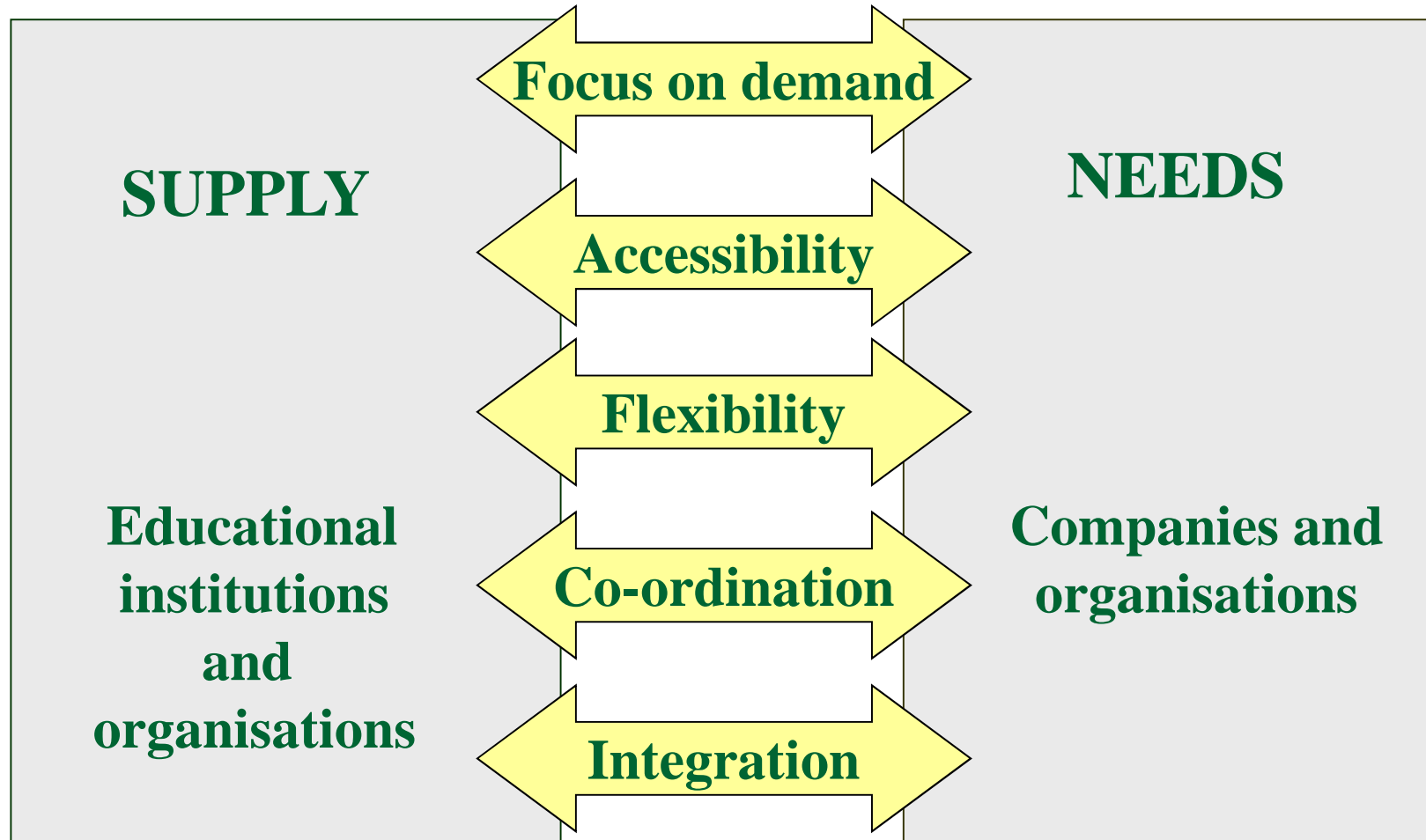
- Managers attitude and know how
- Learners attitude and motives
- Levels of autonomy, organisations and workflow
- Organisational targets and long term planning
- Knowledge of workplace learning
- Networking and stake holder cooperation



Thank you!



Who defines learning demands?



Strategies for learning

