



ESCO

Connecting people and jobs

Conference on International Sector Qualifications
EWF
15-16 November 2017

Introductory video on ESCO

Context: trends in the EU labour market



Dynamic labour markets



Digital skills



Jobs are **not filled**



Digitalisation of recruitment



Education and labour market **do not**
always understand each other



Need for up- and re-skilling

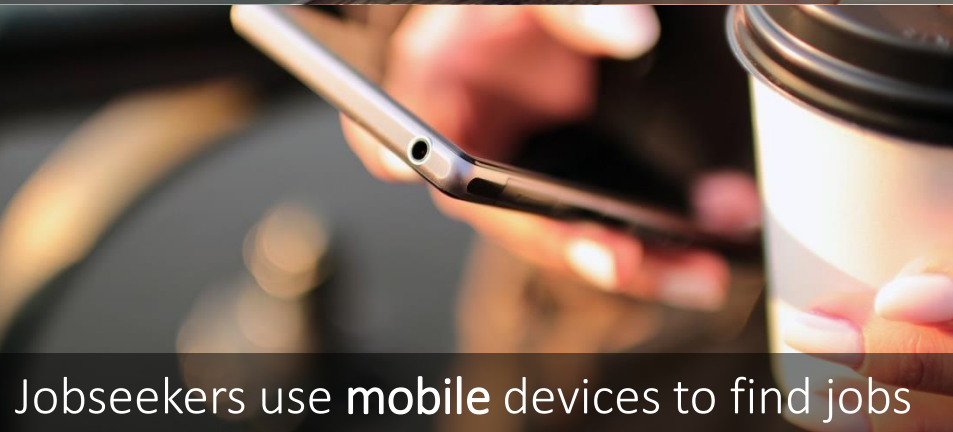
The digital revolution entirely changed the way the labour market works



Jobs are advertised using **digital channels**



Candidates and employers use **Social Media**



Jobseekers use **mobile** devices to find jobs

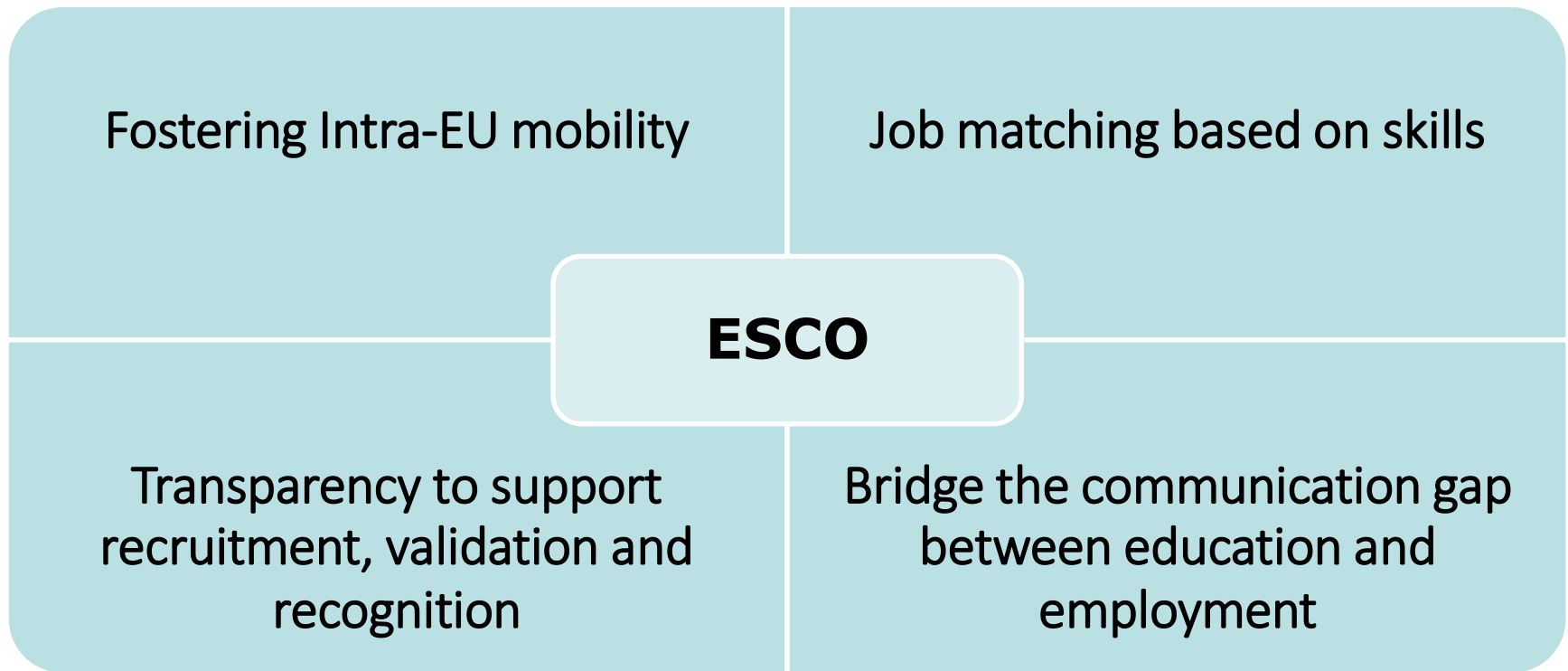


Employers want candidates to **apply online**

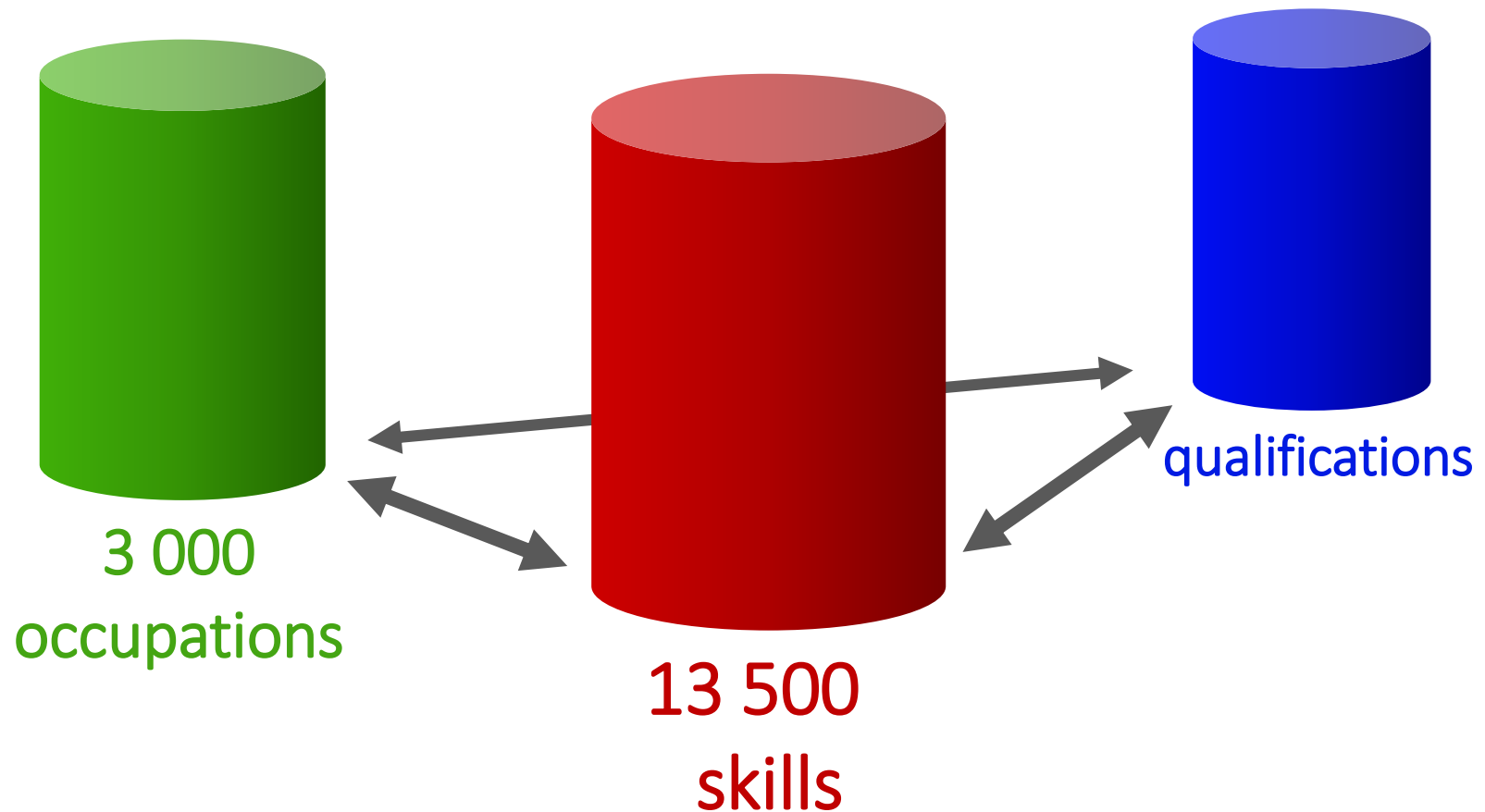


ESCO as a common reference language

Objectives of ESCO



Three ESCO pillars





🔍 Search all occupations

🔗 OCCUPATIONS

- › 0 Armed forces occupations
- › 1 Managers
- › 2 Professionals
- › 3 Technicians and associate professio...
- › 4 Clerical support workers
- › 5 Service and sales workers
- › 6 Skilled agricultural, forestry and fis...
- ▼ 7 Craft and related trades workers
 - › 71 Building and related trades wor...
 - ▼ 72 Metal, machinery and related tr...
 - ▼ 721 Sheet and structural metal w...
 - › 7211 Metal moulders and core...
 - ▼ 7212 Welders and flamecutters
 - brazier
 - solderer
 - › welder
 - welding coordinator
 - › 7213 Sheet-metal workers
 - › 7214 Structural-metal preparer...

English (en)

welder

Description

Welders operate welding equipment in order to join metal workpieces together. They can use fusion welding processes based on different techniques and materials. They also perform simple visual inspection of welds.

Alternative label

boiler welder
oxyacetylene welder
aircraft welder
oxy-fuel welder
repair and maintenance technician
maintenance technician
welding practitioner
production welder
construction welder
oxy welder
naval welder
maintenance welder
repair fitter
repair technician



How can ESCO be used?

- Support (digital) transactions in the labour market with a common language:
 - Publish job offers
 - Create online CVs or profiles
 - Search for jobs
 - Search for candidates
 - Online job matching
 - Online applications
- Usually, different actors are involved in these transactions.
- With ESCO they can refer to the same language.

How was ESCO developed?

Bottom up approach with strong involvement of stakeholders and experts

- Strategic and technical expert groups (ESCO Board, ESCO Maintenance Committee)
- 12 Reference groups with about 200 experts
- Online consultation involving about 900 experts

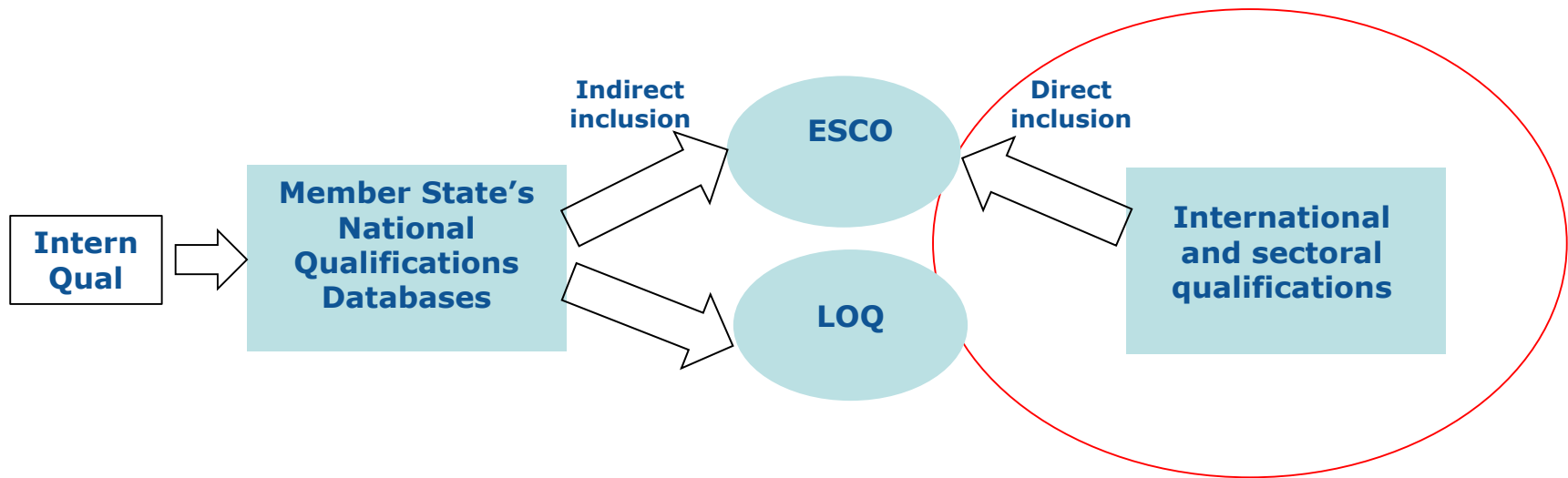
The qualifications pillar in ESCO

Collecting existing data on qualifications

Indirect and direct inclusion



Publishing qualifications in EU portals (*LOQ** and *ESCO*)



*Learning opportunities and qualifications in Europe

Criteria for qualification inclusion in ESCO

DATA			Required / Optional
Title of the qualification			Required
Field*			Required
Country/Region (code)			Required
EQF Level			Required
Description of the qualification ⁹	Either	Knowledge	Required
		Skills	Required
		Responsibility and autonomy	Required
	Or	Open text field describing what the learner is expected to know, understand and able to do	Required
Awarding body or competent authority**			Required
Credit points/ notional workload needed to achieve the learning outcomes			Optional
Internal quality assurance processes			Optional
External quality assurance/regulatory body			Optional
Further information on the qualification			Optional
Source of information			Optional
Link to relevant supplements			Optional
URL of the qualification			Optional
Information language (code)			Optional
Entry requirements			Optional
Expiry date (if relevant)			Optional
Ways to acquire qualification			Optional
Relationship to occupations or occupational fields			Optional

* ISCED FoET2013

** The minimum required information on the awarding body or the competent authority should facilitate to find information about it, which would include its name, or if applicable the name of the group of awarding bodies or competent authorities, completed with a URL or contact information.

Pilot projects on qualifications

1

Publication of information

- Testing the schema and the inclusion of qualifications in ESCO
- Sweden, Spain, UK-Scotland, Greece, Slovakia, Microsoft, Amazon, **EWf**, ECOO

2

Annotation

- Annotating learning outcomes of qualifications with ESCO skills
- UK-Scotland, Greece, Microsoft

3

Towards an approach for direct inclusion

- Identify potential issues regarding quality assurance of qualifications not included in NQFs
- Amazon, Microsoft, **EWf**, ECOO

Publishing EWF qualifications in ESCO

STEP 1 – CHOOSE QUALIFICATION

EWE - Engineer
EWT – Technologist
EWS - Specialist

EWP – Practitioner

EWIP – Inspection Personnel (3 levels)

EW – Welder (3 levels, 4 processes)

IWSD – Structures Designer (2 levels)

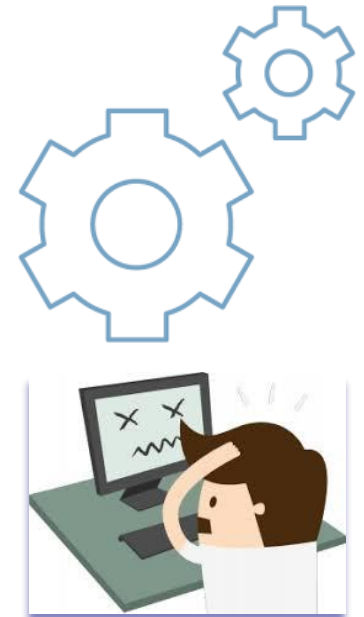
Distance Learning

**International/European Mechanized,
Orbital and Robot Welding** (2 levels)

STEP 2 – USE THE COMMON FORMAT OF

Indicative elements of a common format for the electronic publication of information on qualification: ⁸			
DATA			Required / Optional
Title of the qualification			Required
Subject'			Required
Country/Region (code)			Required
EQF Level			Required
NQF Level			Required
Description of the qualification	Either	Knowledge	Required
		Skills	Required
		Responsibility/Autonomy	Required
	Or	Open text field describing what the learner is expected to know, understand and able to do	Required
Awarding body**			Required
Credit points/ notional workload needed to achieve the learning outcomes			Optional
Internal quality assurance processes			Optional
External monitoring body			Optional
Further information on the qualification			Optional
Source of information			Optional
Link to relevant qualification supplement			Optional
URL of the qualification			Optional
Information language (code)			Optional
Entry requirements			Optional
Expiry date (if relevant)			Optional
Ways to acquire qualification			Optional
Relationship to occupations			Optional

STEP 3 – TECHNICAL REQUIREMENTS





Link to pilot website:

<http://qpilot.semic.eu/detail/0#lang=en&detailUri=http://data.europa.eu/esco/resource/4e1edb42-a603-47ff-b723-969468661039>

Thank you!

<https://ec.europa.eu/esco/portal/home>

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