



ESCO:

A multilingual classification of European Skills/Competences, qualifications and Occupations



Introduction

Matching skills with vacancies is a priority for achieving efficiency in the labour market

ESCO

→ to bridge the gaps between education and employment

Three tools to facilitate online job matching throughout Europe

ESCO,
EURES,
Match & Map



Social Europe





Introduction

In order to:

- **Reach employment target of Europe 2020**
- **Match the recent development in Transversal skills / competences**
- **Adapt to the changes occurred in Education = Shift to learning outcomes (focus on what a learner is able to know or do in practice)**

There is a need to develop a “Common language between education/training and the world of work”



Why ESCO

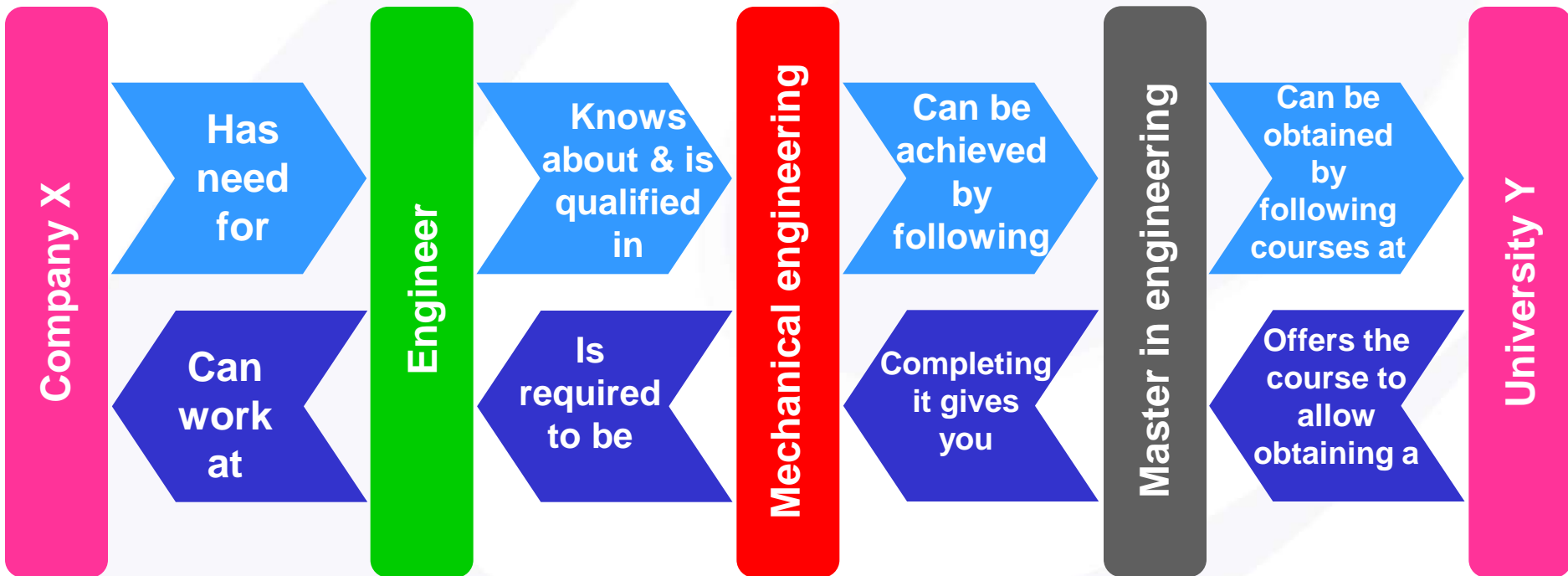
ESCO will be:

- **The solution to match CV's to vacancies on a European scale**
- **Multilingual: available in 22 languages**
- **Simple, open, flexible and available free of charge**
- **The 'common language' to ensure Europe-wide Semantic Interoperability**



ESCO in practical

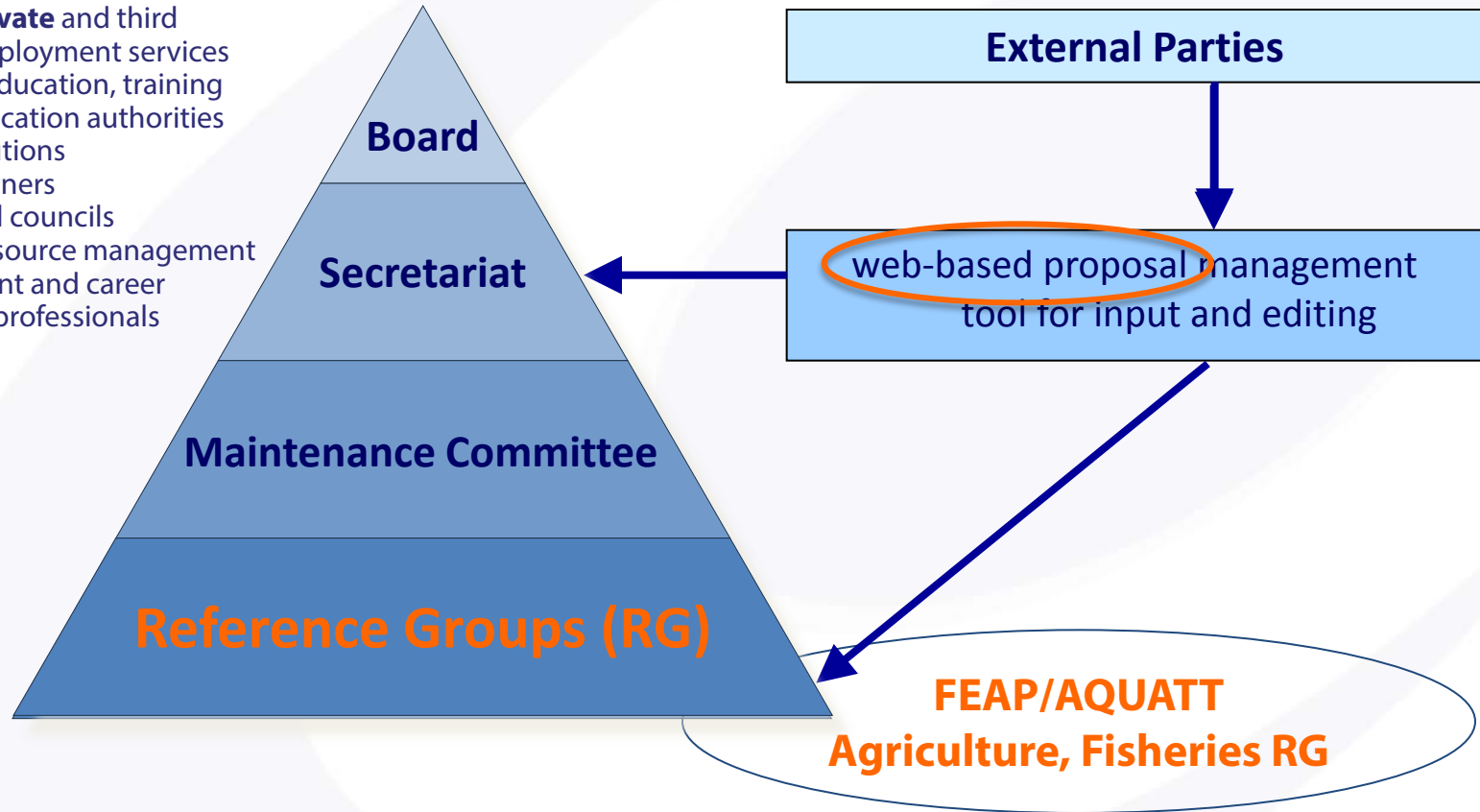
ESCO Occupation ESCO Skill/Competence ESCO Qualification



ESCO & Aquaculture

Stakeholders:

- Public, **private** and third **sector** employment services
- National education, training and qualification authorities and institutions
- Social partners
- Sector skill councils
- Human resource management
- Recruitment and career guidance professionals



Aquaculture is dealt within the Agriculture, Forestry, Fisheries Reference Group

Reference groups

Establishing RGs	Set up in 2011	1	Agriculture, Forestry, Fishery (aquaculture-FEAP/AQUATT rep)
		2	Hospitality and tourism
	Set up in second half 2012	3	Human health and social work activities
		4	Manufacturing of textile, apparel, leather and related products
		5	Wholesale, retail trade and rental and leasing
		6	Veterinarians
	Set up in first half 2013	7	Manufacturing of food, beverages and tobacco
		8	Mining & heavy industry
		9	Transportation and storage
		10	Arts, entertainment and recreation



ESCO v1 - Structure based on work by the RGs

Labourer ISCO 9216 Jobs

Labourer

Occupational Map1 Basic Manual/semi-skilled

Assigned Competence Level 1 (EQF)
Farm labourer, weekend feeder

Semi-skilled/skilled workers Jobs

Fish farmer, fish hatchery manager, oyster farmer, seafood farmer, algae cultivator, Pearl cultivator, skilled fish farm worker, skilled seafood farm worker.
Coastal fishery skipper, fisherman/woman (coastal waters), fisherman/woman (inland waters),

Occupational Map 2: semi-skilled/skilled

LEVEL 2-4 (EQF) Farm assistant/husbandry person, fish farm worker, farm/hatchery /grading /moorings technicians, engineer, health observer, maintenance assistant, electrician, deckhand, boatman, diver, lab/fish health/harvest /station technicians, field assistant, ghillie, baillie, wardeh

Aquaculture & fisheries skilled technicians Jobs

Field crop technical officer, herd tester, horticultural technical officer

Occupational Map : Level 3

LEVELS 4-5 (EQF): Assistant site manager, supervisor, diving supervisor, hatchery supervisor, site supervisor, boat skipper, freshwater production coordinator, harvest station quality monitor, harvest station technician, distribution coordinator, environmental analyst, field scientist, grading technician, moorings assistant manager, moorings technician, assistant harvest station manager, boat master, ecologist/environmentalist, engineering supervisor, harvesting supervisor

Aquaculture/fisheries production management Jobs

Aquaculture production manager, fish hatchery manager, fisheries operation manager, shore captain, trawler manager

Occupational Map 4: Manager, specialist

LEVELS 6 (EQF): Fishfarm manager, fish health manager, hatchery manager, senior ecologist, production manager, site manager, superintendent, area manager, assistant farm manager (large) assistant hatchery manager (large) freshwater business manager, grading team manager, pen & mooring manager, smolt production unit manager, trail unit manager, development manager, environmental & technical services manager, larger vessel skipper (wellboat), engineering manager, diving supervisor, load master (helicopters)

Fishery advisers Jobs

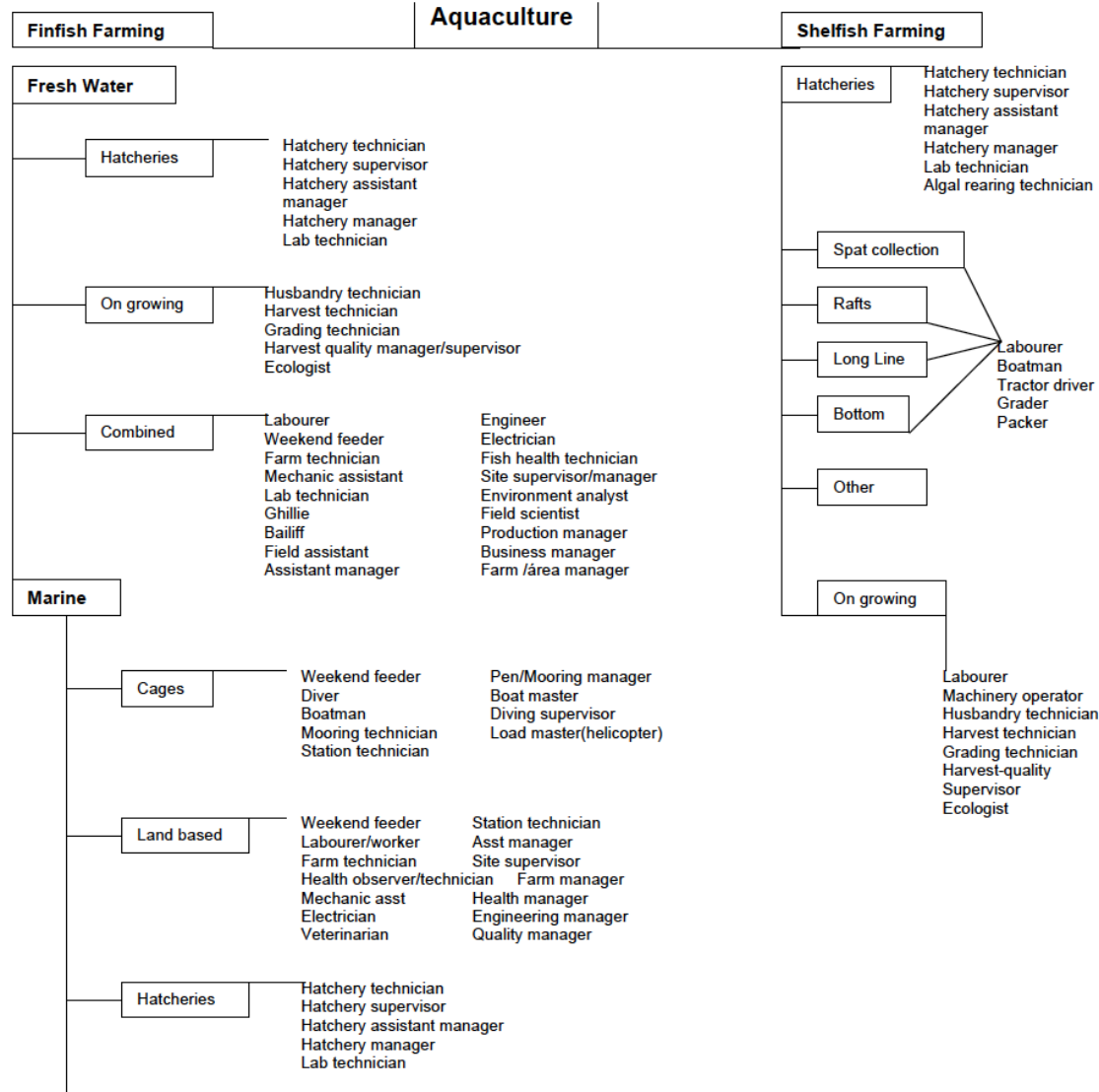
Agronomist, fisheries adviser, forestry scientist, horticulturalist, forestry adviser, silviculturalist, soil scientist

Occupational Map 5:owner,senior manager, senior professional

Levels 6-7 (EQF): Director/company director, fisheries manager, farm manager, area manager, owner, diving contractor, engineering contractor, harvesting contractor, wellboat contractor, helicopter contractor, production director, head biologist, veterinarian.



ESCO v1 - Structure based on work by the RGs





EATiP

The EU changes in Education need to be followed also for our sector

EATiP is updated thanks to its members and TA6 experts and might be soon - with its collaboration with Aquatnet - the place for exchanges between the Aquaculture industry and the Aquaculture Education

Further information on ESCO: ESCO Website <http://ec.europa.eu/esco>