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# Introduction to ESCO

Angeliki Dedopoulou

Civil Dialogue Group on Forestry and Cork DG AGRI  
24 June 2015

- \_ Why is ESCO needed?
- \_ ESCO classification
- \_ Better services with ESCO
- \_ Project implementation



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# ESCO vision

*One common language for the labour market and for education/training in Europe*

## Labour market trends

- Dynamic labour markets
- Long working lives; digital skills
- Skills gaps
- Need for up- and re-skilling
- Digitisation of recruitment



## Why do we need ESCO?

- Problem:** National systems cannot "talk" to each other
- Result:** Jobs are not filled; education and labour market do not always understand each other
- Solution:** Common reference language

# Labour market trends

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# Why do we need ESCO?

**Problem:** National systems cannot "talk" to each other

**Result:** Jobs are not filled;  
education and labour market do not always understand each other

**Solution:** Common reference language



# ESCO classification

*ESCO pilot version  
(23 October 2013)*

15 000 skills and  
competences

4 800 occupations

examples of  
qualifications



# ESCO

## European Skills, Competences, Qualifications and Occupations

European Commission > ESCO > Home

Home

ESCOpedia

Browse ESCO

Download ESCO

Get involved

Search

Search



Occupations



Skills/competences



Qualifications

### News

16-07-2014

**ESCO mapping pilot launched**

After consulting the ESCO Board and the ESCO Maintenance Committee, the Commission launched a pilot project for interoperability with ESCO. Following a call for the expression of interes...

30-05-2014

**New expression of interest to join one of ESCO's Reference Groups**

Currently, ESCO is being developed together with stakeholders and experts grouped according to their professional expertise around 11 Sectoral Reference Groups and the Cross-sector Reference Group. Another 16 Sectoral Reference Groups will be established...

07-05-2014

**Welcome to the new ESCO portal**

The Commission has made an overhaul of the ESCO portal since it was launched in October 2013 with the release of the ESCO classification v0. Maintaining a similar style and colour scheme, the revamp makes it easier for users to...

11-12-2013

**ESCO Goes live Conference – success shared with 350 participants**

On 23-24 October, the European Commission launched the classification of European Skills, Competences, Qualifications and Occupations (ESCO) during the conference...

14-11-2013

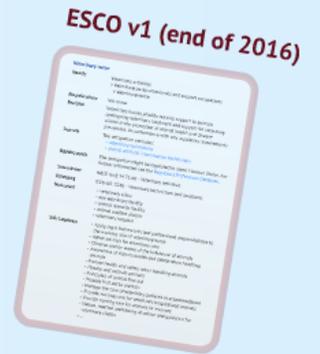
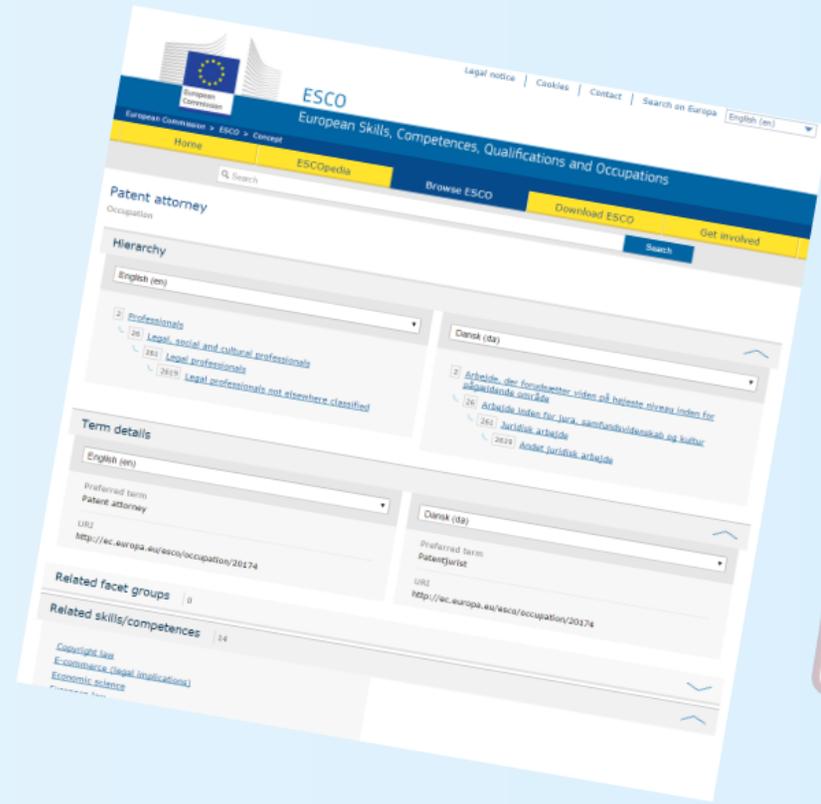
**New Sectoral Reference Groups from 2014**

ESCO is being developed by the European Commission together with the support of the European Centre for the Development of Vocational Training (Cedefop) and with stakeholders...

*ESCO is a Europe 2020 initiative.*

Current version: [ESCO v0](#) (Last update: [07/05/2014](#))

Prezi [DG Employment, Social Affairs and Inclusion](#) and [DG Education and Culture](#) of the European Commission develop ESCO in collaboration with stakeholders and with the [European Centre for the Development of Vocational Training \(Cedefop\)](#).



# 4 800 occupations



ESCO

European Skills, Competences, Qualifications and Occupations

European Commission &gt; ESCO &gt; Concept

Home

ESCOpedia

Browse ESCO

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Get involved

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## Patent attorney

Occupation

### Hierarchy

English (en)

- 2 Professionals
  - 26 Legal, social and cultural professionals
    - 261 Legal professionals
      - 2619 Legal professionals not elsewhere classified

Dansk (da)

- 2 Arbejde, der forudsætter viden på højeste niveau inden for pågældende område
  - 26 Arbejde inden for jura, samfundsvidenskab og kultur
    - 261 Juridisk arbejde
      - 2619 Andet juridisk arbejde

### Term details

English (en)

Preferred term  
Patent attorneyURI  
<http://ec.europa.eu/esco/occupation/20174>

Dansk (da)

Preferred term  
PatentjuristURI  
<http://ec.europa.eu/esco/occupation/20174>

Prezi

Related facet groups | 0

# ESCO v1 (end of 2016)

## Veterinary nurse

Hierarchy	Veterinary activities > Veterinary paraprofessionals and support occupations > Veterinary nurse
Non-preferred term	Vet nurse
Description	Veterinary nurses provide nursing support to animals undergoing veterinary treatment and support for veterinary clients in the promotion of animal health and disease prevention, in conformance with any regulatory requirements
Scope note	The occupation excludes: <ul style="list-style-type: none"><li>• <a href="#">veterinary technicians</a></li><li>• <a href="#">animal artificial insemination technicians</a></li></ul>
Regulatory aspects	The occupation might be regulated in some Member States. For further information see the <a href="#">Regulated Professions Database</a> .

## Veterinary nurse

### Hierarchy

Veterinary activities

- > Veterinary paraprofessionals and support occupations
- > Veterinary nurse

### Non-preferred term

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The occupation excludes:

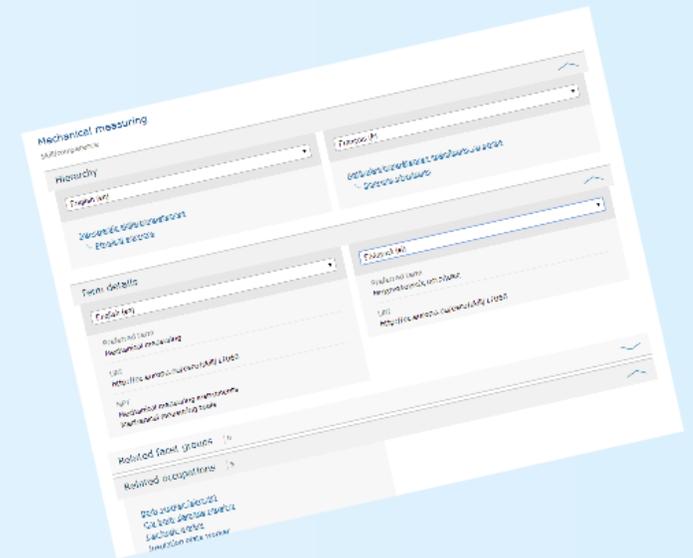
- [veterinary technicians](#)
- [animal artificial insemination technicians](#)

### Regulatory aspects

The occupation might be regulated in some Member States. For further information see the [Regulated Professions Database](#).

Regulatory aspects	The occupation might be regulated in some Member States. For further information see the <a href="#">Regulated Professions Database</a> .
Sector relevance	NACE rev2: M 75.00 - Veterinary activities
ISCO mapping	ISCO-08: 3240 - Veterinary technicians and assistants
Work context	<ul style="list-style-type: none"> <li>• veterinary clinic</li> <li>• zoo veterinary facility</li> <li>• animal research facility</li> <li>• animal welfare shelter</li> <li>• veterinary hospital</li> </ul>
Skills/Competences	<ul style="list-style-type: none"> <li>• Apply legal frameworks and professional responsibilities to the working role of veterinary nurse</li> <li>• Admit animals for veterinary care</li> <li>• Observe and be aware of the behaviour of animals</li> <li>• Awareness of risks to health and safety when handling animals</li> <li>• Protect health and safety when handling animals</li> <li>• Handle and restrain animals</li> <li>• Principles of animal first aid</li> <li>• Provide first aid to animals</li> </ul>

# 15 000 skills and competences



# Mechanical measuring

Skill/competence

## Hierarchy

English (en)

Français (fr)

[Job-specific skills/competences](#)

[Physical sciences](#)

[Aptitudes/compétences spécifiques au poste](#)

[Sciences physiques](#)

## Term details

English (en)

Ελληνικά (el)

Preferred term

Mechanical measuring

Preferred term

Μηχανολογικές μετρήσεις

URI

<http://ec.europa.eu/esco/skill/17066>

URI

<http://ec.europa.eu/esco/skill/17066>

NPT

Mechanical measuring instruments

Mechanical measuring tools

Related facet groups | 0

Related occupations | 5

[Body worker \(aircraft\)](#)

[Car body damage repairer](#)

[Car body worker](#)

[Insulation plate worker](#)



Prezi

# examples of qualifications

The screenshot shows a web interface for a qualification record. The main title is "Linienpilotenlizenz ATPL". Below it, there are sections for "Qualification", "Hierarchy", "Services", and "Term details". The "Term details" section includes the following information:

- Awarding body: Civil Aviation Authority (GB), Luftfahrt-Bundesamt (DE), Ministerie van Infrastructuur en Milieu (NL), Transportstyrelsen (SE)
- Preferred term: Linienpilotenlizenz ATPL
- URI: <http://ec.europa.eu/esto/qualification/23869>
- Definition note: The Airline Transport Pilot License (ATPL) is the highest level of aircraft pilot license. It's required to command aircraft over 5700.

Overlaid on the right side of the screenshot is a white callout box with orange text:

**Coming from:**

- EQF/national qualification databases
- "Direct inclusion"

# Linienpilotenlizenz ATPL

Qualification

## Hierarchy

English (en)

Choose language to compare

[Services](#)

↳ [Transport services](#)

## Term details

English (en)

Choose language to compare

Awarding body

Civil Aviation Authority (GB)

Luftfahrt-Bundesamt (DE)

Ministerie van Infrastructuur en Milieu (NL)

Transportstyrelsen (SE)

Preferred term

Linienpilotenlizenz ATPL

URI

<http://ec.europa.eu/esco/qualification/23869>

Definition note

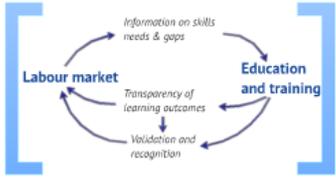
The Airline Transport Pilot License (ATPL) is the highest level of aircraft pilot license. It's required to command aircraft over 5700

***Coming from:***

- EQF/national qualification databases
- "Direct inclusion"

# Using ESCO to deliver better services

*It's free of charge and it can be integrated in e-systems easily.*

- ESCO & EURES... **EURES without ESCO**  
**EURES with ESCO**
- ESCO & Europass 
- Better linking labour market to education & training 
- Building a "semantic web" for the labour market 



Facilitate geographical and occupational mobility.



Boost online and skill-based job-matching.



Allow employment services to exchange relevant labour market information across borders.



Facilitate the dialogue between the labour market and the education/training sector.



Enable the development of innovative career guidance services.

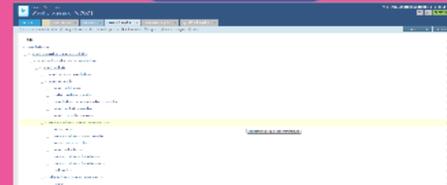
# Project implementation

- \_ *Project phases*
- \_ *Milestones*
- \_ *Interoperability system*

# ESCO project phases



## Development of ESCO



- together with stakeholders
- Member State involvement



# Transition (2015-16)



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Home My To Do's

Wood processing [WOOD]

Welcome, Angeliki Dedopoulou Logout Settings



CREATE NEW ▼

# Wood processing [WOOD]

- Tutorial
- 5
- ESCO tasks
- Sources
- Occupation pillar
- Competence pillar
- Qualification pillar

Create new Smart List Copy this Smart List Bulk update Full Screen Report Save changes Print

TOGGLE FILTER CHANGE VIEW

Title	
▼ manufacturing	
└─ ▼ wood processing, paper and printing	
┌─ ▼ wood and wood products manufacture	
┌─ ▼ wood products	
┌─ wood furniture manufacture	
┌─ ▼ wood assembly	
┌─ wood pallet maker	
┌─ nailing machine operator	
┌─ manufactured wooden building assembler	
┌─ wood products assembler	
┌─ wood assembly supervisor	
┌─ ▼ engineered wood products manufacture	
┌─ veneer grader	engineered wood products manufacture
┌─ engineered wood press operator	
┌─ veneer slicer operator	
┌─ wood fuel pelletiser	
┌─ engineered wood board grader	
┌─ engineered wood board operator	
┌─ cork worker	
┌─ ▼ artisanal wood products manufacture	
┌─ cooper	



**Production  
(2017-)**

# Major ESCO releases



ESCO v0



ESCO v0.1



ESCO v0.2



ESCO v1

# Learn more about ESCO



ESCO Portal: <http://ec.europa.eu/esco>



ESCO leaflet



Contact the ESCO Secretariat at  
[EMPL-ESCO-SECRETARIAT@ec.europa.eu](mailto:EMPL-ESCO-SECRETARIAT@ec.europa.eu)  
or

[angeliki.dedopoulou@ext.ec.europa.eu](mailto:angeliki.dedopoulou@ext.ec.europa.eu)



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