



# ESCO deliverables for 2016

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## Purpose of this document

With this document the ESCO Secretariat (SEC) informs the ESCO Maintenance Committee on the list of ESCO deliverables foreseen for the end of 2016. The list also clarifies how the ESCO classification is broken down in components that can be maintained, used and versioned independently from the ESCO core module.

## Introduction

The Commission will finalise the ESCO project by the end of 2016. This project will deliver the first version of ESCO that the Commission built with the involvement of sectoral experts. Additionally, the Commission will deliver all the components required to ensure proper implementation, usage and maintenance of the classification.

## List of ESCO deliverables for 2016

### 1. ESCO v1 classification<sup>1,2</sup>

The Commission will provide the ESCO v1 classification according to the ESCO v1 data model in several technical formats, i.e. in the RDF format, and through several technical interfaces for applications.

#### a. ESCO core module

The ESCO core consists of:

- the occupations (OCC),
- the relations between OCCs,
- the knowledge, skills and competences (KSC),
- the relations between KSCs,
- the relations between OCCs and KSCs, qualified as essential and optional,
- a machine-processable history information<sup>3</sup> to minimise the impact when updating the ESCO core module.

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<sup>1</sup> The information relating to qualifications is maintained by the Member States (in national qualification databases) and by awarding bodies. This information is integrated in ESCO using the ESCO qualifications integration framework (see item no. 2 in the list of deliverables).

<sup>2</sup> Publication of ESCO v1 classification deliverables that are dependent on classifications not managed by the Commission may be impacted as a consequence of not having in place agreement on the terms of use.

<sup>3</sup> ESCO v1 will provide history information on the ESCO v1 OCC, specifying how ESCO v0 concepts relate to ESCO v1 concepts.

#### **b. ESCO work context module**

The ESCO work-context module includes the work context concepts and their relations to the OCCs.

#### **c. ESCO regulated professions module**

The ESCO regulated professions module contains concepts that capture one of the standard formulations (e.g. 'this occupation might be a regulated profession in one or more Member States') and the link to the regulated professions database. The module contains as well the relation between these concepts and the OCC concept for which they are applicable.

#### **d. ESCO skills collections module**

The ESCO skills collection module contains the collection concepts (e.g. 2D computer graphics) and the relations that indicate which KSCs are included in the collection (e.g. design graphics, draw design sketches, etc.).

#### **e. ESCO transversal skill thesaurus module**

The ESCO transversal skill thesaurus consists of the interrelated transversal skill hierarchy and the relations of the transversal skills with the (contextualised) KSCs.

#### **f. ESCO sectoral breakdown module**

The ESCO sectoral breakdown consists of the hierarchical concepts that describe the sectors (mainly from a labour market perspective) and the classifying relations between these concepts and the OCCs.

#### **g. ESCO classifying mapping for ISCO-08**

The ESCO classifying mapping for ISCO-08 consists of a set of relations that describe how the ESCO OCCs are classified according to ISCO-08, as well as the ISCO-08 labels in all ESCO languages.

#### **h. ESCO classifying mapping for NACE rev.2**

The ESCO classifying mapping for NACE rev.2 consists of a set of relations that describe how the OCCs and KSCs are classified according to NACE rev.2, as well as the NACE rev.2 labels in all languages of NACE.

#### **i. ESCO classifying mapping for e-CF 3.0**

The ESCO classifying mapping for e-CF 3.0 consists of a set of relations that describe how certain KSC are classified according to the e-CF 3.0.

#### **j. ESCO classifying mapping for a skills hierarchy (TBC)**

The ESCO classifying mapping for a skills hierarchy consists of a set of relations that describe how the KSCs are classified according to an established skill hierarchy. (It is currently not decided which skill hierarchy is chosen for this purpose.)

#### **k. ESCO term language packages**

For each of the components of the core module, the work context module, the skills collections module, the transversal skills thesaurus module, and the sectoral breakdown module, the EC will deliver separate language packages with the preferred terms, non-preferred terms and the hidden terms.

## **2. ESCO qualification integration framework**

The ESCO qualification integration framework refers to the automated services that retrieve the information relating to qualifications from e.g. the national qualification databases and integrates this information in the ESCO classification.

## **3. ESCO Portal 4.0**

The ESCO Portal 4.0 will be a new version of the ESCO portal structured in different sections depending on the type of stakeholder. These include:

- decision makers (people that will have to learn about ESCO in order to make business decisions around using ESCO),
- developers (people that get very concrete and technical information on how best to implement ESCO in their systems), and
- the ESCO community of users and experts that are involved in using and improving ESCO.

The portal further serves the distribution of ESCO, displays the core information captured on the ESCO concepts and provides access for applications to the vocabulary.

## **4. ESCO Mapping Platform**

The ESCO mapping platform is an internet-based collaboration platform that owners of other classification systems (in particular employment services) to build and maintain conversion tables from their own system to ESCO.

## **5. ESCO communication toolkit**

Based on the ESCO communication strategy, the ESCO communication toolkit will consist of a set of information materials for 4 different audiences, i.e.:

- Decision makers
- Domain experts from the domains of education and the labour market
- Developers that need to implement ESCO in a given system
- Taxonomy experts responsible for maintaining ESCO

## **6. ESCO Strategy for the future**

Building on the strategic framework, the Commission will explain the approach how ESCO will be used, maintained and updated after the release of v1.

## **7. ESCO Showcases**

The Commission will showcase the use of ESCO in several sample applications to support the understanding of how ESCO can be used by employment services, EURES, Europass, etc. (The list of showcases will be developed in early 2016.)