



# ESCO Mapping Platform

*Development update*

*19<sup>th</sup> ESCO Maintenance Committee Meetings  
Brussels, 16-17 March 2016*

# Mapping platform

- *High-level requirements*
- *User-interface*
- *Development timeline*

# High-level requirements

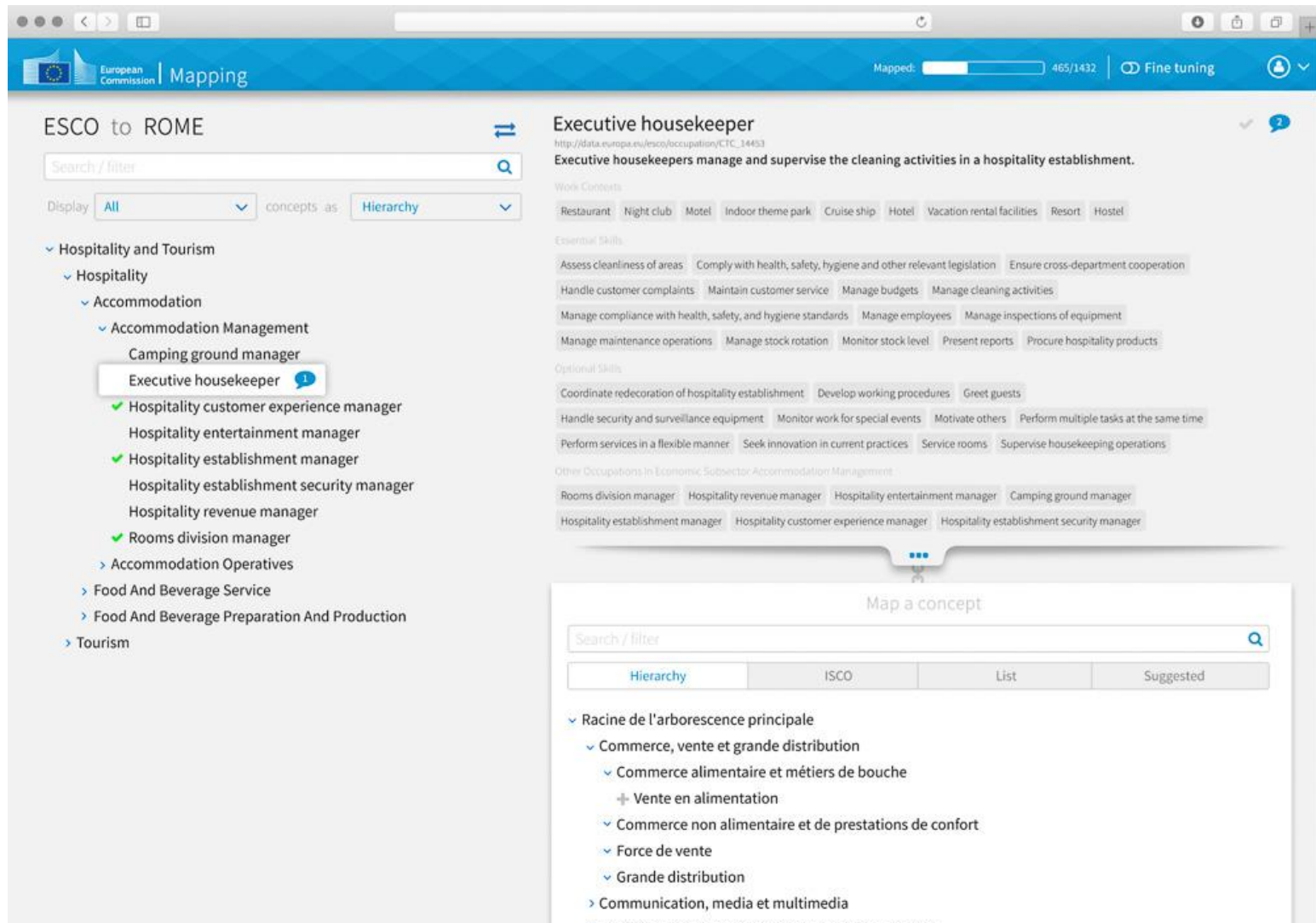
- *Different views to the classifications*
- *Easy capture (and overrule) mappings*
- *Download information in spreadsheet format*
- *Have "proposed" and "approved" mappings*
- *Comment and discuss functionality*
- *Validation and publish finalised mappings*
- *Integrate mappings created offline*



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# User Interface

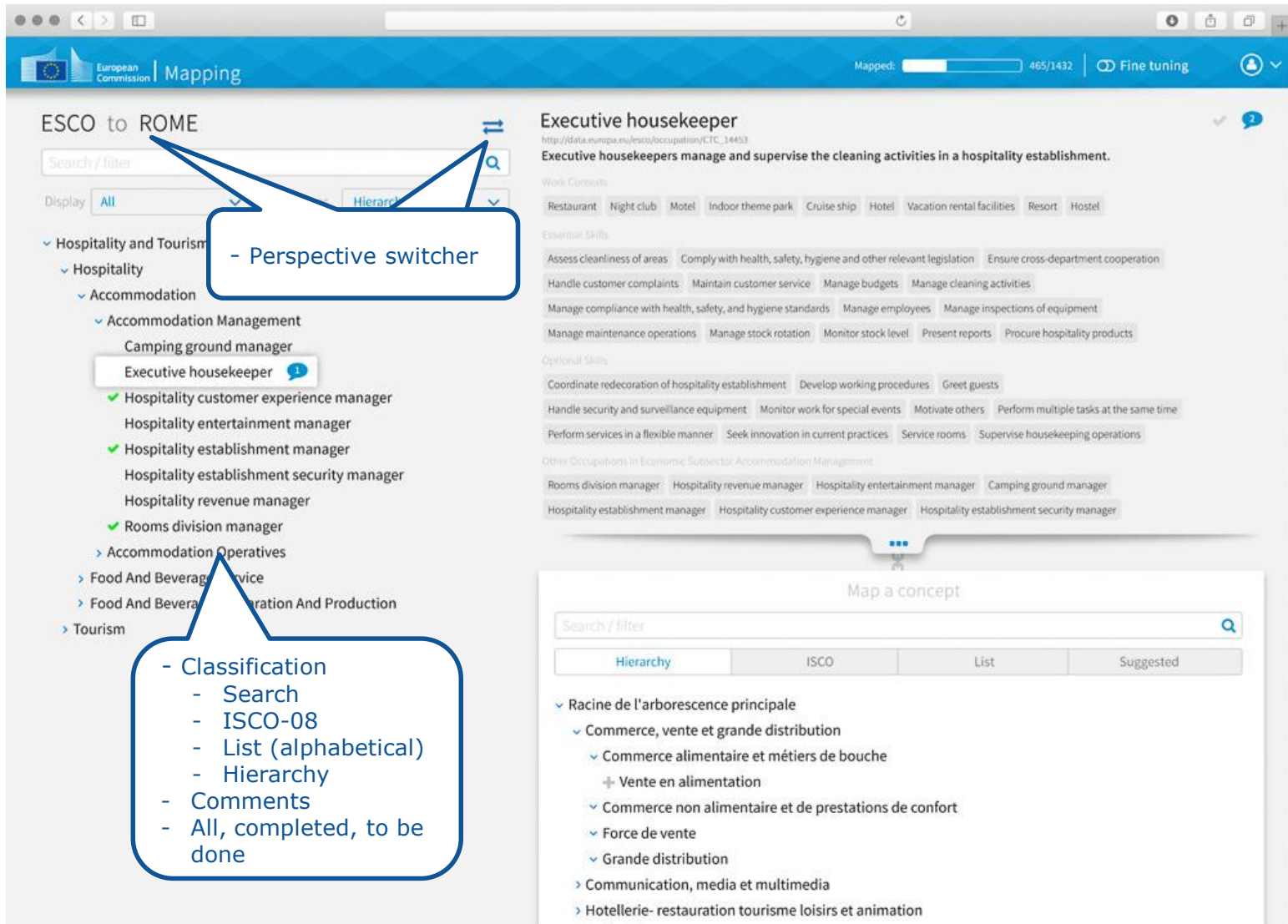
# Basic Mapping Screen



The screenshot displays the 'Basic Mapping Screen' for the 'Executive housekeeper' occupation. The interface is divided into several sections:

- Header:** 'ESCO to ROME' with a search bar and 'Display: All' / 'concepts as: Hierarchy' options.
- Left Navigation:** A tree view showing the hierarchy: Hospitality and Tourism > Hospitality > Accommodation > Accommodation Management > Executive housekeeper (highlighted).
- Occupation Details:**
  - Executive housekeeper** (http://data.europa.eu/esco/occupation/CTC\_14453)
  - Executive housekeepers manage and supervise the cleaning activities in a hospitality establishment.**
  - Work Contexts:** Restaurant, Night club, Motel, Indoor theme park, Cruise ship, Hotel, Vacation rental facilities, Resort, Hostel.
  - Essential Skills:** Assess cleanliness of areas, Comply with health, safety, hygiene and other relevant legislation, Ensure cross-department cooperation, Handle customer complaints, Maintain customer service, Manage budgets, Manage cleaning activities, Manage compliance with health, safety, and hygiene standards, Manage employees, Manage inspections of equipment, Manage maintenance operations, Manage stock rotation, Monitor stock level, Present reports, Procure hospitality products.
  - Optional Skills:** Coordinate redecoration of hospitality establishment, Develop working procedures, Greet guests, Handle security and surveillance equipment, Monitor work for special events, Motivate others, Perform multiple tasks at the same time, Perform services in a flexible manner, Seek innovation in current practices, Service rooms, Supervise housekeeping operations.
  - Other Occupations In Economic Subsector Accommodation Management:** Rooms division manager, Hospitality revenue manager, Hospitality entertainment manager, Camping ground manager, Hospitality establishment manager, Hospitality customer experience manager, Hospitality establishment security manager.
- Map a concept dialog:** A search bar and a list of categories: Hierarchy (selected), ISCO, List, Suggested. The list shows:
  - Racine de l'arborescence principale
  - Commerce, vente et grande distribution
    - Commerce alimentaire et métiers de bouche
      - Vente en alimentation
    - Commerce non alimentaire et de prestations de confort
    - Force de vente
    - Grande distribution
  - Communication, media et multimedia

# Basic Mapping Screen



ESCO to ROME

Search / filter

Display: All | Hierarchy

- ▼ Hospitality and Tourism
  - ▼ Hospitality
    - ▼ Accommodation
      - ▼ Accommodation Management
        - Camping ground manager
        - Executive housekeeper
        - ✓ Hospitality customer experience manager
        - Hospitality entertainment manager
        - ✓ Hospitality establishment manager
        - Hospitality establishment security manager
        - Hospitality revenue manager
        - ✓ Rooms division manager
      - Accommodation Operatives
      - Food And Beverage Service
      - Food And Beverage Preparation And Production
      - Tourism

- Perspective switcher

## Executive housekeeper

http://data.europa.eu/esco/occupation/CTC\_14453

Executive housekeepers manage and supervise the cleaning activities in a hospitality establishment.

Work Contexts

Restaurant | Night club | Motel | Indoor theme park | Cruise ship | Hotel | Vacation rental facilities | Resort | Hostel

Essential Skills

Assess cleanliness of areas | Comply with health, safety, hygiene and other relevant legislation | Ensure cross-department cooperation

Handle customer complaints | Maintain customer service | Manage budgets | Manage cleaning activities

Manage compliance with health, safety, and hygiene standards | Manage employees | Manage inspections of equipment

Manage maintenance operations | Manage stock rotation | Monitor stock level | Present reports | Procure hospitality products

Optional Skills

Coordinate redecoration of hospitality establishment | Develop working procedures | Greet guests

Handle security and surveillance equipment | Monitor work for special events | Motivate others | Perform multiple tasks at the same time

Perform services in a flexible manner | Seek innovation in current practices | Service rooms | Supervise housekeeping operations

Other Occupations In Economic Subsector Accommodation Management

Rooms division manager | Hospitality revenue manager | Hospitality entertainment manager | Camping ground manager

Hospitality establishment manager | Hospitality customer experience manager | Hospitality establishment security manager

Map a concept

Search / filter

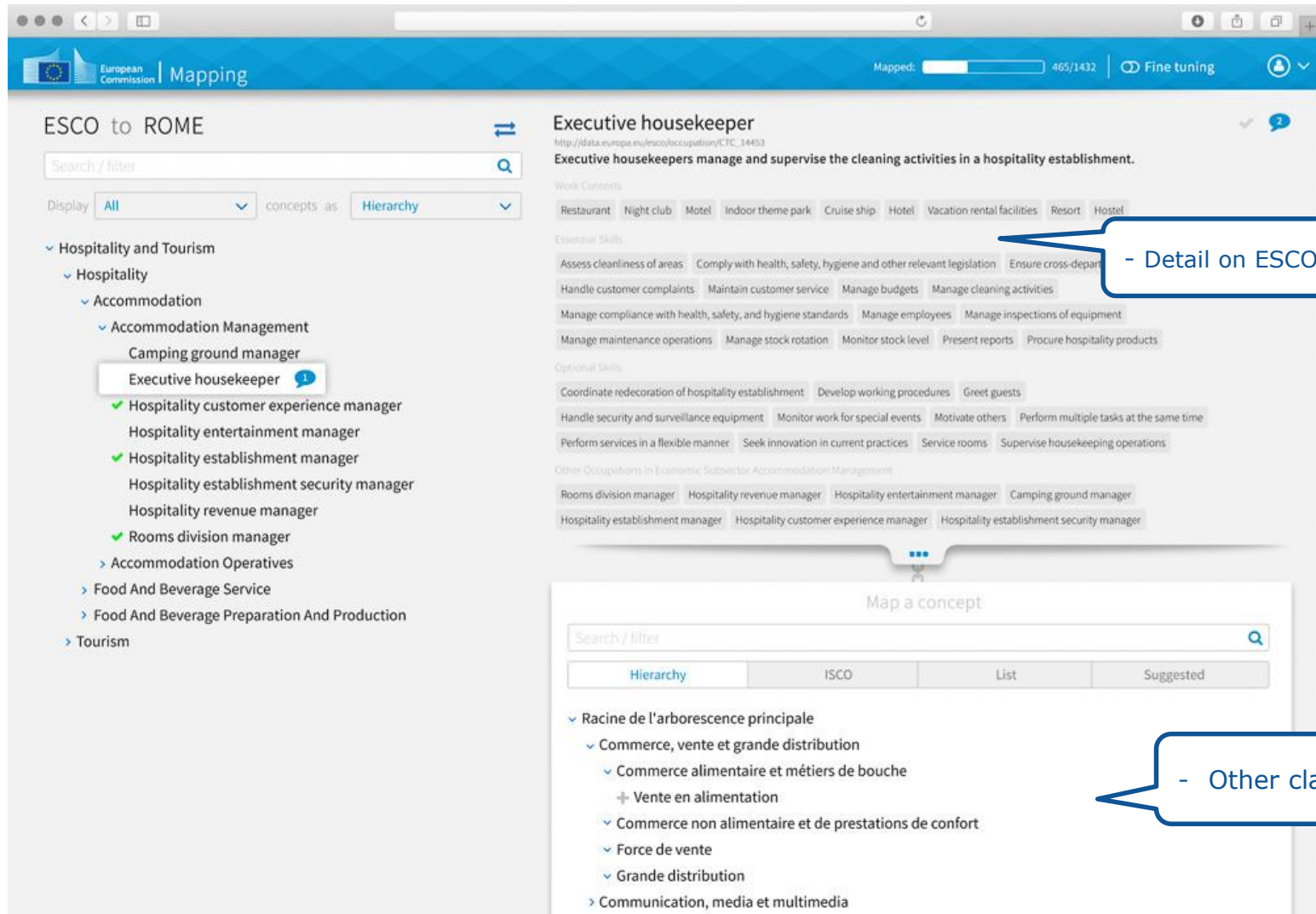
Hierarchy | ISCO | List | Suggested

- ▼ Racine de l'arborescence principale
  - ▼ Commerce, vente et grande distribution
    - ▼ Commerce alimentaire et métiers de bouche
      - ✚ Vente en alimentation
    - ▼ Commerce non alimentaire et de prestations de confort
    - ▼ Force de vente
    - ▼ Grande distribution
  - Communication, media et multimedia
  - Hotellerie- restauration tourisme loisirs et animation

- Classification

- Search
- ISCO-08
- List (alphabetical)
- Hierarchy
- Comments
- All, completed, to be done

# Basic Mapping Screen



The screenshot shows the 'Mapping' interface for 'ESCO to ROME'. The main content area displays details for the ESCO concept 'Executive housekeeper', including its description, work contexts, and essential/optional skills. A callout box points to this section with the text '- Detail on ESCO concept'. On the left, a navigation tree shows the hierarchy of concepts, with 'Executive housekeeper' highlighted. At the bottom, a 'Map a concept' section shows a search bar and a table of classification options. A callout box points to this section with the text '- Other classification'.

**ESCO to ROME**

Search / filter

Display: All | concepts as: Hierarchy

- ▼ Hospitality and Tourism
  - ▼ Hospitality
    - ▼ Accommodation
      - ▼ Accommodation Management
        - Camping ground manager
        - Executive housekeeper** 1
        - ✓ Hospitality customer experience manager
        - Hospitality entertainment manager
        - ✓ Hospitality establishment manager
        - Hospitality establishment security manager
        - Hospitality revenue manager
        - ✓ Rooms division manager
      - ▶ Accommodation Operatives
      - ▶ Food And Beverage Service
      - ▶ Food And Beverage Preparation And Production
      - ▶ Tourism

**Executive housekeeper**  
[http://data.europa.eu/esco/occupation/CTC\\_14433](http://data.europa.eu/esco/occupation/CTC_14433)

Executive housekeepers manage and supervise the cleaning activities in a hospitality establishment.

Work Contexts: Restaurant, Night club, Motel, Indoor theme park, Cruise ship, Hotel, Vacation rental facilities, Resort, Hostel

Essential Skills: Assess cleanliness of areas, Comply with health, safety, hygiene and other relevant legislation, Ensure cross-departmental communication, Handle customer complaints, Maintain customer service, Manage budgets, Manage cleaning activities, Manage compliance with health, safety, and hygiene standards, Manage employees, Manage inspections of equipment, Manage maintenance operations, Manage stock rotation, Monitor stock level, Present reports, Procure hospitality products

Optional Skills: Coordinate redecoration of hospitality establishment, Develop working procedures, Greet guests, Handle security and surveillance equipment, Monitor work for special events, Motivate others, Perform multiple tasks at the same time, Perform services in a flexible manner, Seek innovation in current practices, Service rooms, Supervise housekeeping operations

Other Occupations In Economic Subsector Accommodation Management: Rooms division manager, Hospitality revenue manager, Hospitality entertainment manager, Camping ground manager, Hospitality establishment manager, Hospitality customer experience manager, Hospitality establishment security manager

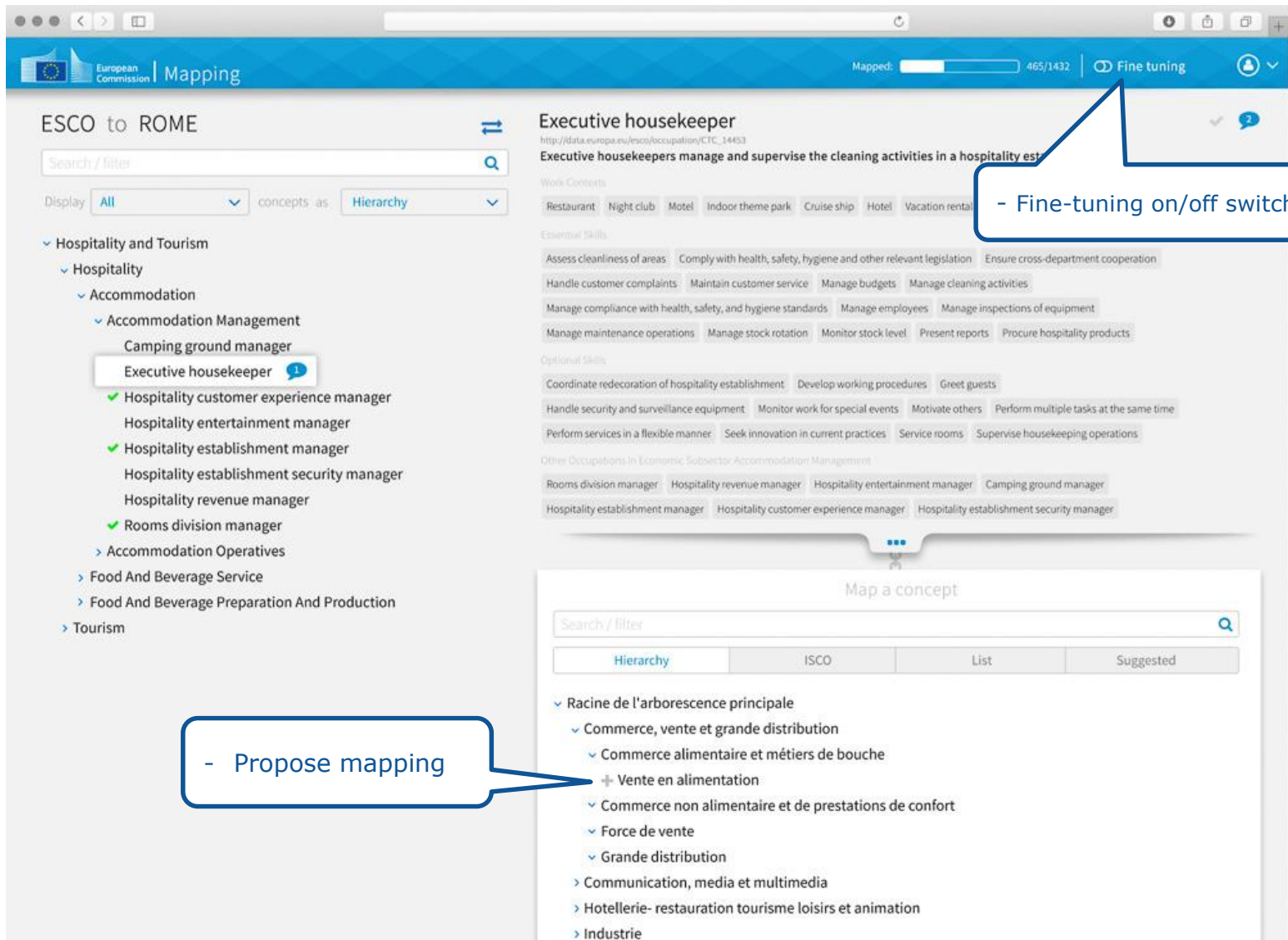
**Map a concept**

Search / filter

Hierarchy	ISCO	List	Suggested
-----------	------	------	-----------

- ▼ Racine de l'arborescence principale
  - ▼ Commerce, vente et grande distribution
    - ▼ Commerce alimentaire et métiers de bouche
      - ✚ Vente en alimentation
    - ▼ Commerce non alimentaire et de prestations de confort
    - ▼ Force de vente
    - ▼ Grande distribution
  - ▶ Communication, media et multimedia

# Basic Mapping Screen



The screenshot displays the ESCO Mapping interface. The top navigation bar includes the European Commission logo, the word 'Mapping', a progress indicator 'Mapped: 465/1432', and a 'Fine tuning' button. The main content area is titled 'ESCO to ROME' and features a search bar and a 'Display' dropdown set to 'All'. A left-hand navigation menu shows a tree structure under 'Hospitals and Tourism', with 'Executive housekeeper' highlighted. The main panel displays the 'Executive housekeeper' concept, including its URL, description, work contexts (e.g., Restaurant, Motel), and essential/optional skills. A 'Map a concept' dialog is open at the bottom, showing a search bar and a list of ROME concepts. A callout box points to the 'Fine tuning' button with the text '- Fine-tuning on/off switch'. Another callout box points to the 'Executive housekeeper' entry in the left menu with the text '- Propose mapping'.

ESCO to ROME

Search / filter

Display: All concepts as: Hierarchy

- ▼ Hospitals and Tourism
  - ▼ Hospitality
    - ▼ Accommodation
      - ▼ Accommodation Management
        - Camping ground manager
        - Executive housekeeper**
        - ✓ Hospitality customer experience manager
        - Hospitality entertainment manager
        - ✓ Hospitality establishment manager
        - Hospitality establishment security manager
        - Hospitality revenue manager
        - ✓ Rooms division manager
        - Accommodation Operatives
        - Food And Beverage Service
        - Food And Beverage Preparation And Production
        - Tourism

**Executive housekeeper**  
http://data.europa.eu/esco/occupation/CTC\_14453  
Executive housekeepers manage and supervise the cleaning activities in a hospitality est...

Work Contexts: Restaurant, Night club, Motel, Indoor theme park, Cruise ship, Hotel, Vacation rental

Essential Skills: Assess cleanliness of areas, Comply with health, safety, hygiene and other relevant legislation, Ensure cross-department cooperation, Handle customer complaints, Maintain customer service, Manage budgets, Manage cleaning activities, Manage compliance with health, safety, and hygiene standards, Manage employees, Manage inspections of equipment, Manage maintenance operations, Manage stock rotation, Monitor stock level, Present reports, Procure hospitality products

Optional Skills: Coordinate redecoration of hospitality establishment, Develop working procedures, Greet guests, Handle security and surveillance equipment, Monitor work for special events, Motivate others, Perform multiple tasks at the same time, Perform services in a flexible manner, Seek innovation in current practices, Service rooms, Supervise housekeeping operations

Other Occupations in Economic Sector: Accommodation Management: Rooms division manager, Hospitality revenue manager, Hospitality entertainment manager, Camping ground manager, Hospitality establishment manager, Hospitality customer experience manager, Hospitality establishment security manager

Map a concept

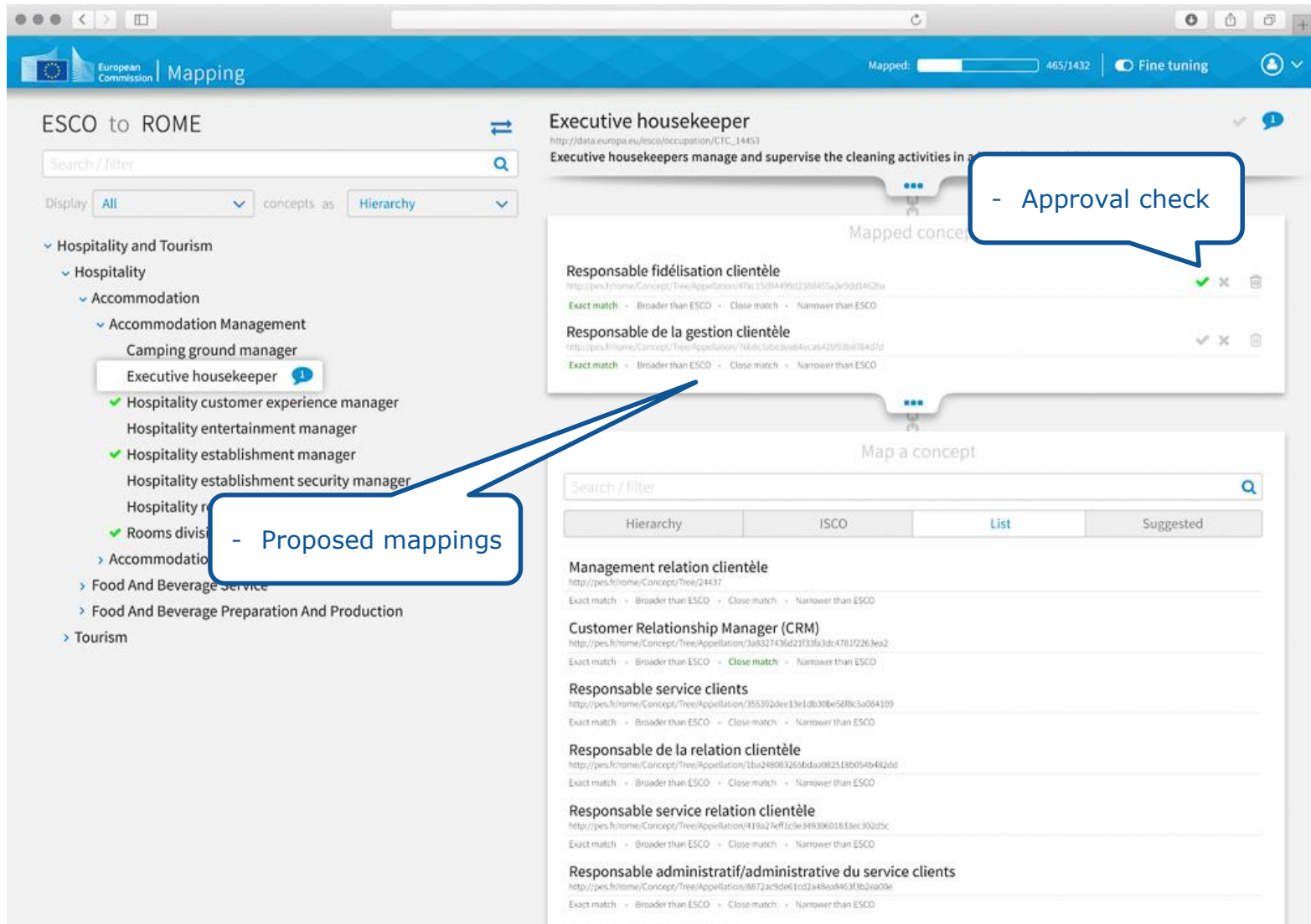
Search / filter

Hierarchy	ISCO	List	Suggested
-----------	------	------	-----------

- ▼ Racine de l'arborescence principale
  - ▼ Commerce, vente et grande distribution
    - ▼ Commerce alimentaire et métiers de bouche
      - ✚ Vente en alimentation
    - ▼ Commerce non alimentaire et de prestations de confort
    - ▼ Force de vente
    - ▼ Grande distribution
  - Communication, media et multimedia
  - Hotellerie- restauration tourisme loisirs et animation
  - Industrie

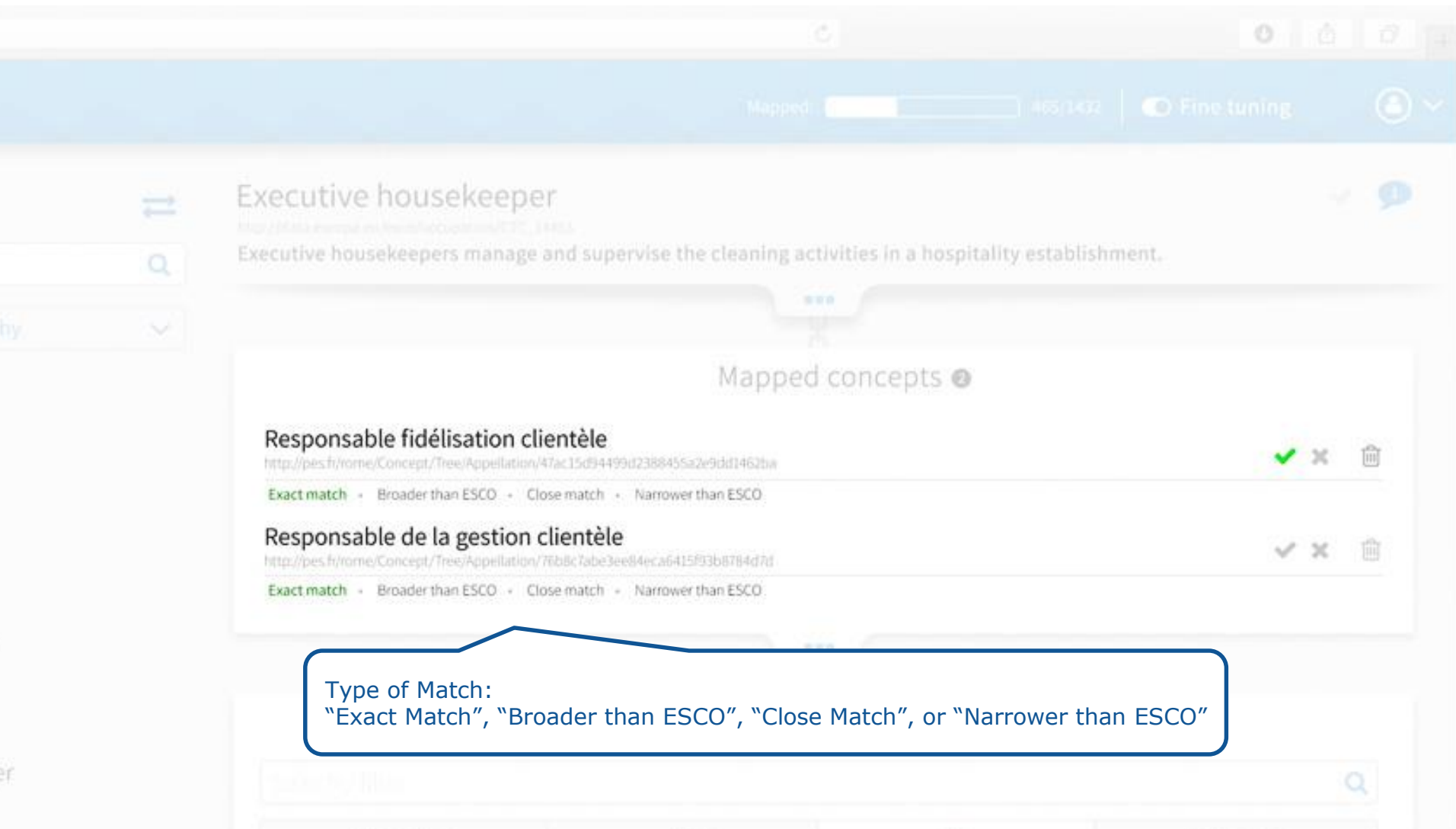


# Proposed Mappings



The screenshot shows the 'Mapping' tool interface for 'ESCO to ROME'. The left sidebar displays a tree view of 'Hospitality and Tourism' categories, with 'Executive housekeeper' highlighted. A callout bubble points to this item with the text '- Proposed mappings'. The main area shows 'Executive housekeeper' selected, with a 'Mapped concepts' list containing two entries: 'Responsable fidélisation clientèle' and 'Responsable de la gestion clientèle'. A callout bubble points to the top of this list with the text '- Approval check'. Below, the 'Map a concept' section shows a list of potential matches, including 'Management relation clientèle', 'Customer Relationship Manager (CRM)', 'Responsable service clients', 'Responsable de la relation clientèle', 'Responsable service relation clientèle', and 'Responsable administratif/administrative du service clients'. The interface includes a search bar, display options (All, Hierarchy), and a progress indicator (Mapped: 465/1432).

# Proposed Mappings



The screenshot shows a web interface for managing mappings. At the top, there is a progress bar labeled 'Mapped: #65,1432' and a 'Fine tuning' toggle. The main content area is titled 'Executive housekeeper' and includes a description: 'Executive housekeepers manage and supervise the cleaning activities in a hospitality establishment.' Below this, a section titled 'Mapped concepts' lists two entries:

- Responsable fidélisation clientèle**  
<http://pes.fr/rome/Concept/Tree/Appellation/47ac15d94499d2388455a2e9dd1462ba>  
Exact match • Broader than ESCO • Close match • Narrower than ESCO
- Responsable de la gestion clientèle**  
<http://pes.fr/rome/Concept/Tree/Appellation/76b8c7abe3ee84eca6415f93b8784d7f1>  
Exact match • Broader than ESCO • Close match • Narrower than ESCO

Each entry has a green checkmark, a red 'x', and a trash icon. A callout box at the bottom explains the match types.

Type of Match:  
"Exact Match", "Broader than ESCO", "Close Match", or "Narrower than ESCO"



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# Comment Dialogue

The screenshot shows the 'ESCO to ROME' mapping tool interface. On the left, a navigation tree is visible under 'Hospitality and Tourism' > 'Hospitality' > 'Accommodation' > 'Accommodation Management'. The 'Executive housekeeper' concept is highlighted with a blue bubble containing a '1'. The main content area displays the details for 'Executive housekeeper' (http://data.europa.eu/escso/occupation/CTC\_14453) with the description 'Executive housekeepers manage and supervi...'. A comment dialog box is open over this concept, featuring a 'Write a comment' text area, a 'Comment' button, and a list of existing comments. One comment by 'Johan DeLaure' (dated Jan 24, 2016 11:38) reads 'I'm not sure about 'Management relation clientèle''. A blue callout box with a white background and a blue border points to the comment input area, containing the text '- Comment Box'. Below the dialog, the 'Map a concept' section is visible, showing a search bar and tabs for 'Hierarchy', 'ISCO', 'List', and 'Suggested'. The 'List' tab is active, displaying a list of related concepts such as 'Management relation clientèle', 'Customer Relationship Manager (CRM)', 'Responsible service clients', and 'Responsable de la relation clientèle'.

# Import/Export



## Classification

## Mapping table

Classification

Release note

Browse

## History of imports

file	user	date	release note
------	------	------	--------------

- Import/Export functionality:
  - Offline Reviewing
  - Updating National classifications
  - Uploading offline created mapping tables

# Status Dashboard

## Type of mapping

ROME



Exact match	658
Broader than ESCO	97
Narrower than ESCO	49
Close match	245

ESCO



Exact match	658
Broader than ROME	97
Narrower than ROME	49
Close match	245

## Completion

ROME



Approved 658/1300

[Show what left to approve](#)

ESCO



Approved 991/1300

[Show what left to approve](#)

## Mapped/unmapped concepts with type of mapping

ROME



Mapped 658/1300

[Show what left to map](#)

ESCO



Mapped 658/1300

[Show what left to map](#)

# Timeline

<b>Date</b>	<b>Description</b>
April 2016	First development release (for internal testing)
June-July 2016	Beta release
December 2016	Full production release



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# Questions



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**Thank you**