



# EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL



# EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL

IT SOLUTION TO ENHANCE KAS REFERENCE  
METADATA SYSTEM

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## Main steps in development:

- Standardisation of the content of the quality reports based on SIMS 2.0
- Development of the central application to manage the reference metadata
- Exchange and dissemination of Metadata files, by using the ESS-MH;



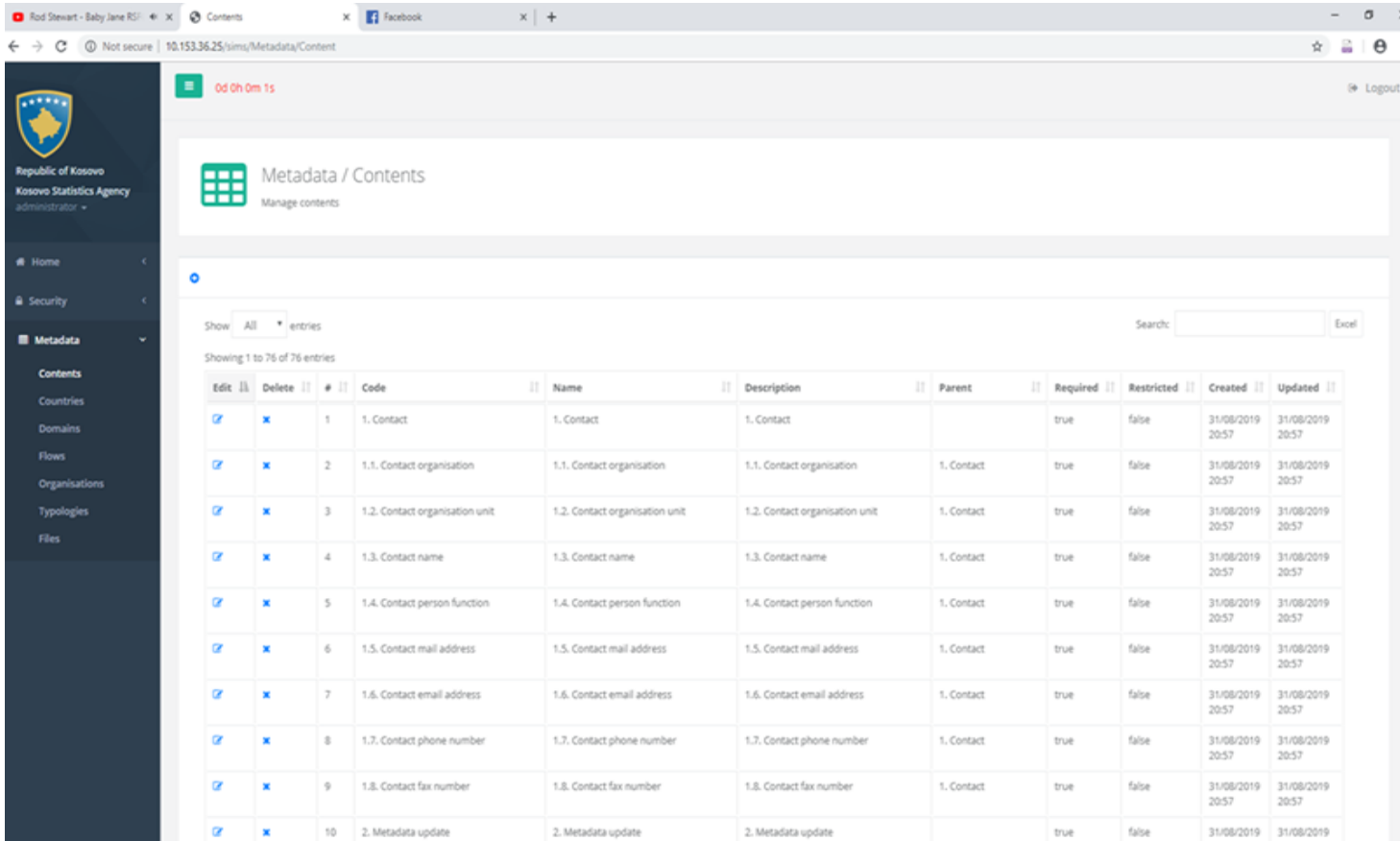
## Features of Application:

- Based on Metadata Handler
- Generates xml and html files
- Access by users active directory of KAS
- Possibility to use by ONAs
- Security module (Users, Permissions, Different Roles)
- Easy to publish Metadata on webpage



# Metadata application

- Metadata
- Contents
- Countries
- Domains
- Flows
- Organizations
- Typologies
- Files

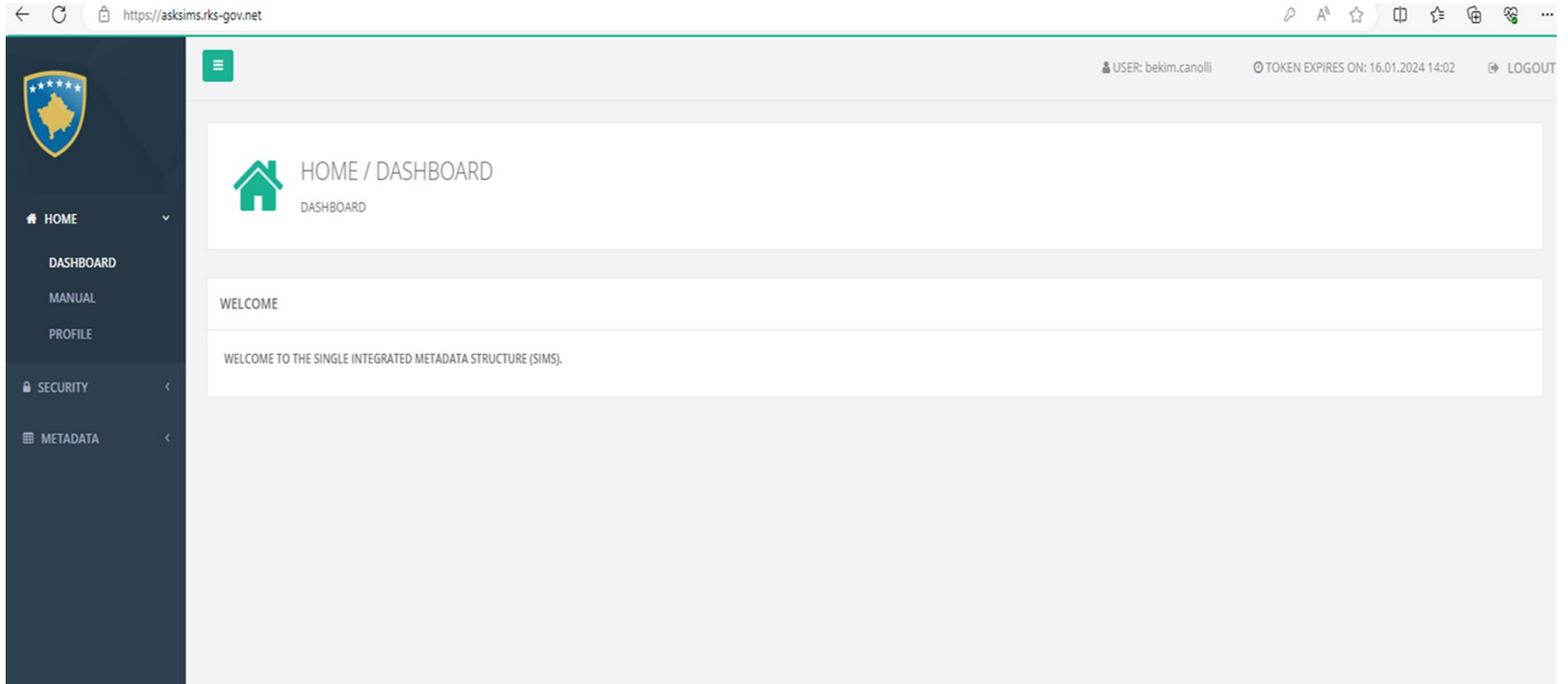


The screenshot shows a web application interface for managing metadata. The left sidebar displays the logo of the Republic of Kosovo Statistics Agency and a navigation menu with options: Home, Security, Metadata (expanded), Contents, Countries, Domains, Flows, Organisations, Typologies, and Files. The main content area is titled 'Metadata / Contents' and 'Manage contents'. It features a search bar and a table of metadata entries. The table has columns for Edit, Delete, #, Code, Name, Description, Parent, Required, Restricted, Created, and Updated. The entries are as follows:

Edit	Delete	#	Code	Name	Description	Parent	Required	Restricted	Created	Updated
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	1. Contact	1. Contact	1. Contact		true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	1.1. Contact organisation	1.1. Contact organisation	1.1. Contact organisation	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	1.2. Contact organisation unit	1.2. Contact organisation unit	1.2. Contact organisation unit	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	1.3. Contact name	1.3. Contact name	1.3. Contact name	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	1.4. Contact person function	1.4. Contact person function	1.4. Contact person function	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	1.5. Contact mail address	1.5. Contact mail address	1.5. Contact mail address	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	1.6. Contact email address	1.6. Contact email address	1.6. Contact email address	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	1.7. Contact phone number	1.7. Contact phone number	1.7. Contact phone number	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	1.8. Contact fax number	1.8. Contact fax number	1.8. Contact fax number	1. Contact	true	false	31/08/2019 20:57	31/08/2019 20:57
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	2. Metadata update	2. Metadata update	2. Metadata update		true	false	31/08/2019 20:57	31/08/2019 20:57



# Metadata application



← ↻ 🔒 https://asksims.rks-gov.net

🔍 A ☆ 📄 ☆ 🗑️ 🌐 ...

👤 USER: bekim.canolli ⌚ TOKEN EXPIRES ON: 16.01.2024 14:02 🚪 LOGOUT

🏠 HOME / DASHBOARD  
DASHBOARD

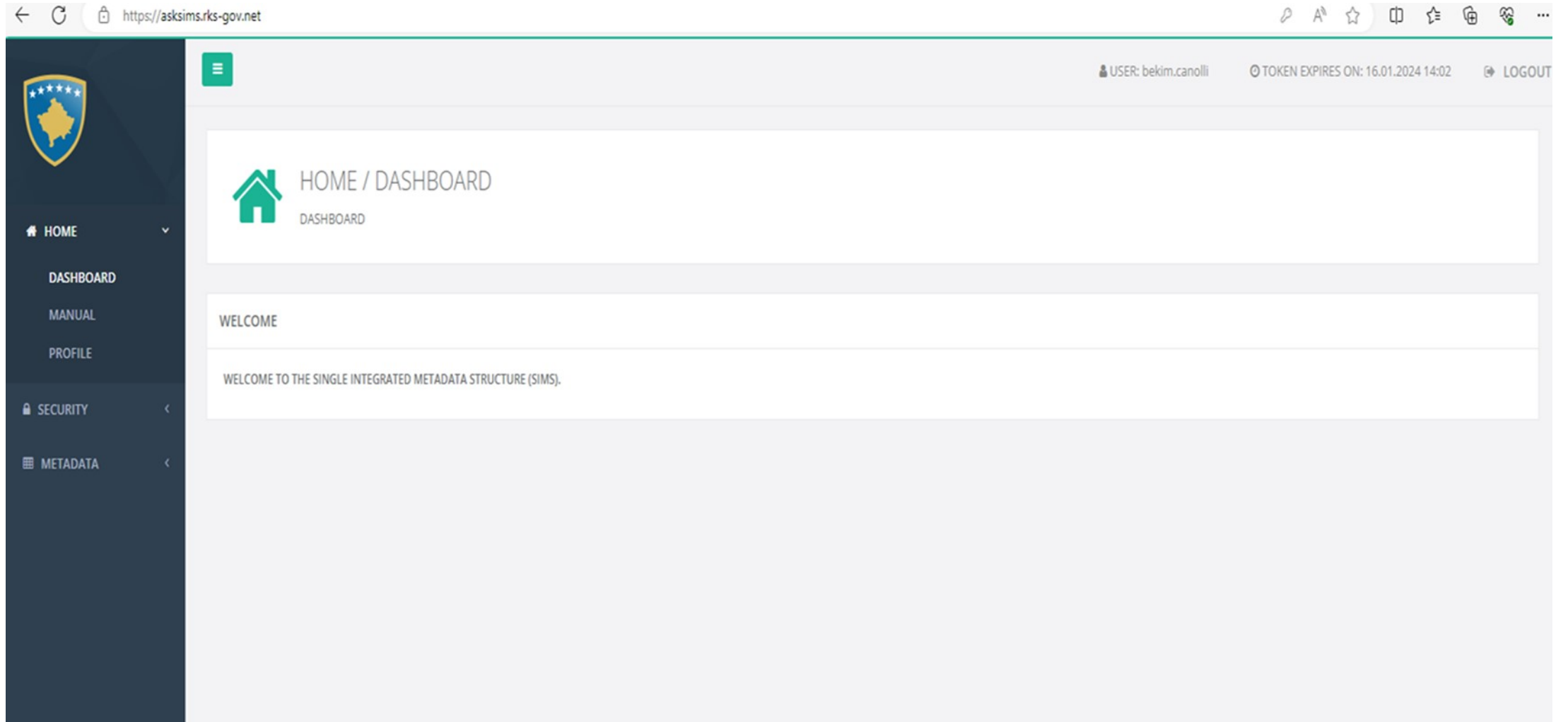
WELCOME

WELCOME TO THE SINGLE INTEGRATED METADATA STRUCTURE (SIMS).

🏠 HOME  
DASHBOARD  
MANUAL  
PROFILE  
🔒 SECURITY  
📄 METADATA



# Metadata application




← ↻ 🔒 https://asksims.rks-gov.net

🔍 🔊 ☆ 📄 ⌵ 🗄️ 🌐 ⋮

🇺🇦

USER: bekim.canolli TOKEN EXPIRES ON: 16.01.2024 14:02 LOGOUT

☰

 HOME / DASHBOARD  
DASHBOARD

WELCOME

WELCOME TO THE SINGLE INTEGRATED METADATA STRUCTURE (SIMS).

HOME ▾

DASHBOARD

MANUAL

PROFILE

🔒 SECURITY <

📄 METADATA <



# Security Module

**SECURITY**

- CLIENTS
- CLIENT TOKENS
- ROLES
- PRIVILEGES
- USERS
- USER TOKENS

**METADATA**

SELECT ROLE

**TABLES**

<input type="checkbox"/> TABLE	<input type="checkbox"/> POST	<input type="checkbox"/> PUT	<input type="checkbox"/> DELETE	<input type="checkbox"/> GET
<input type="checkbox"/> SECURITY.CLIENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.CLIENTTOKEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.OPERATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.ROLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.TABLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.TABLEPRIVILEGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.USER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.USERROLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.USERTOKEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.VIEW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SECURITY.VIEWPRIVILEGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.CONTENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.COUNTRY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.DOMAIN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.FILE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.FILEANNEX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.FILECONTENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.FLOW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.ORGANISATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.TRANSLATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> METADATA.TYPOLOGY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**VIEWS**

- ASP.NET CORE MVC
  - HOME
    - DASHBOARD
    - MANUAL
    - PROFILE
  - SECURITY
    - CLIENTS
    - CLIENT TOKENS
    - ROLES
    - PRIVILEGES
    - USERS
    - USER TOKENS
  - METADATA
    - CONTENTS
    - COUNTRIES
    - DOMAINS
    - FILES
    - FLows
    - ORGANISATIONS
    - TYPOLOGIES

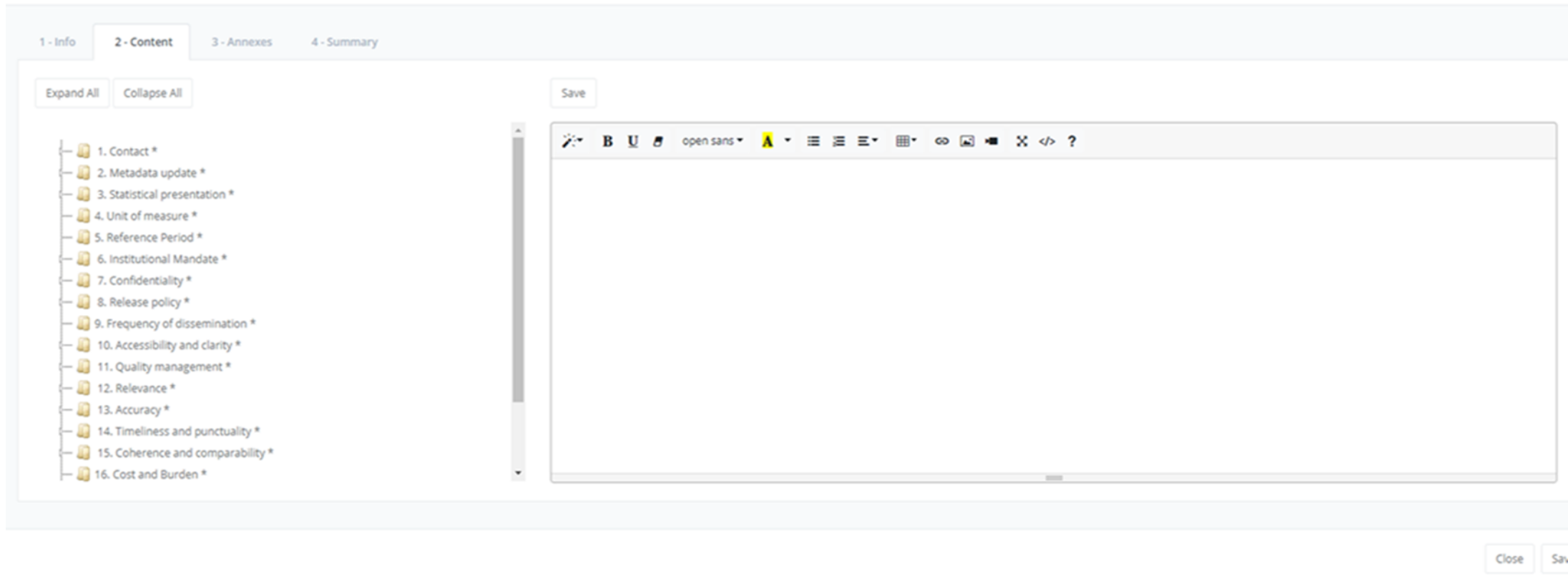




# Content

## File

Enter the data



1 - Info   **2 - Content**   3 - Annexes   4 - Summary

Expand All   Collapse All   Save


- 1. Contact \*
- 2. Metadata update \*
- 3. Statistical presentation \*
- 4. Unit of measure \*
- 5. Reference Period \*
- 6. Institutional Mandate \*
- 7. Confidentiality \*
- 8. Release policy \*
- 9. Frequency of dissemination \*
- 10. Accessibility and clarity \*
- 11. Quality management \*
- 12. Relevance \*
- 13. Accuracy \*
- 14. Timeliness and punctuality \*
- 15. Coherence and comparability \*
- 16. Cost and Burden \*

Close   Save




# Summary

1 - INFO   2 - XML PARAMETERS   3 - CONTENT   4 - ANNEXES   **5 - SUMMARY**




*- Full view -*  
**HICP\_ESMS\_A(1.1)**  
National Reference Metadata in Single Integrated Metadata Structure (SIMS)  
Compiling agency: Kosovo Agency of Statistics – KAS



**Eurostat metadata**

Reference metadata

- [1. Contact](#)
- [2. Metadata update](#)
- [3. Statistical presentation](#)
- [4. Unit of measure](#)
- [5. Reference Period](#)
- [6. Institutional Mandate](#)
- [7. Confidentiality](#)
- [8. Release policy](#)
- [9. Frequency of dissemination](#)
- [10. Accessibility and clarity](#)
- [11. Quality management](#)
- [12. Relevance](#)
- [13. Accuracy](#)
- [14. Timeliness and punctuality](#)
- [15. Coherence and comparability](#)
- [16. Cost and Burden](#)
- [17. Data revision](#)
- [18. Statistical processing](#)
- [19. Comment](#)
- [Related Metadata](#)
- [Annexes \(including footnotes\)](#)

✕ CLOSE    SAVE



# Metadata in KAS webpage

## Others

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AGENCIA ZA STATISTIKE KOSOVA  
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## Statistical organizations

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Sweden  
Sverige



## Conclusion

- Standardisation and centralized reference metadata
- Interoperability with the ESS-MH and the automatic national dissemination of the quality reports
- Decrease burden for quality reporting



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## Thank you for attention!