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ERSAD User manual

User manual of the European Railway Stations Accessibility Database

Document History

<i>Version</i>	<i>Date</i>	<i>Comments</i>
0.1	17/03/2025	First draft
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1 Introduction

1.1 About ERSAD

ERSAD is a fork of Tiamat and abzu two applications for a Stop Place Register. It is used nationally in Norway and other places.

Tiamat is available under the EUPL 1.2 licensing scheme, the source code is available here:

<https://github.com/entur/tiamat> and <https://github.com/entur/abzu>

1.2 Purpose

This document is the User Manual for European Railway Stations Accessibility Data (ERSAD) application. This document shall be used as a help reference when using ERSAD.

1.3 Scope

The scope of this document is limited to the functionalities introduced during the development of ERSAD Database.

Additional functionalities can be explained in detail in the User Manual elaborated for Tiamat/Abzu applications by Entur AS and can be found in the following location:

<https://enturas.atlassian.net/wiki/spaces/PUBLIC/pages/1225523302/User+guide+National+StopPlace+Registry>

Additional information for the data provision of the accessibility data in the file to be uploaded can be found in the draft technical document B.15: https://github.com/EU-Agency-for-Railways/Telematics-TSI/blob/main/ERA_TD_B15.pdf

1.4 Audience

The present document is intended to all the participants of the project as it states procedures, rules and applicable methods, in particular:

- ERA Administrators
- National Administrators
- Public Users

2 Reference and Applicable Documents

Ref.	Title	Reference	Version	Date
R01	ERSAD Software Requirements Specification	n/a	1.02	10/02/2021

Table 1: Reference Documents

3 Abbreviations and Acronyms

Acronym or Abbreviation	Definition
ERA	European Union Agency for Railways
ERA SRM	ERA Stakeholder Relationship Management
ERSAD	European Railway Stations Accessibility Data
PRM-TSI	Persons with Reduced Mobility – Technical Specifications for Interoperability
QA	Quality Assurance
UAT	User Acceptance Testing

Table 2: Abbreviations and Acronyms

4 Actors

The following roles are defined in the specifications.

Actor.	Description
Public User	This is a public user accessing ERSAD application without providing any credentials.
National Content Editor	This is a National user responsible for managing station data in the application.

Table 3 - Actors

5 User creation and management

To gain access to SRMO UAT you need to register at:

<https://eraportaluat.powerappsportals.com/Account/Login/Register?returnUrl=%2F>

6 Functionalities

6.1 View Homepage

User can navigate to the homepage by entering ERSAD URL in the browser. The application is automatically offering the search form.

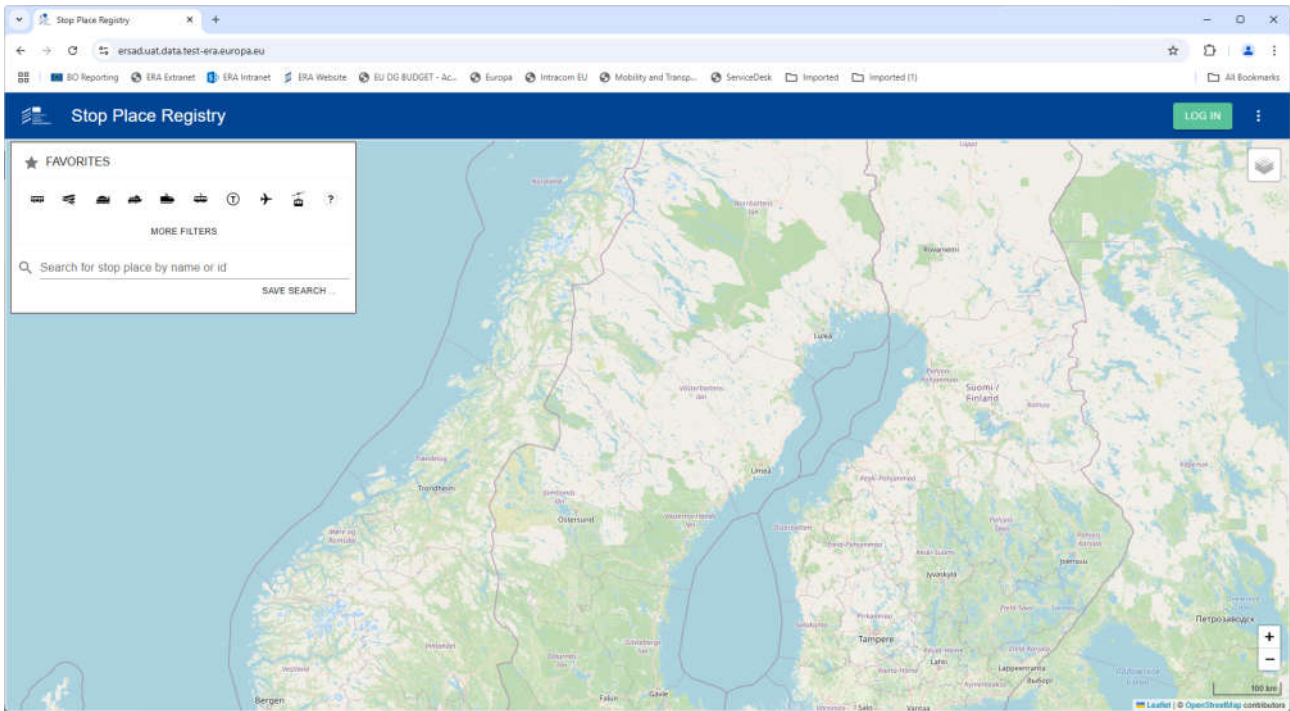


Figure 1- ERSAD Homepage

6.2 Search

The user can search for Stop Place name or ID,

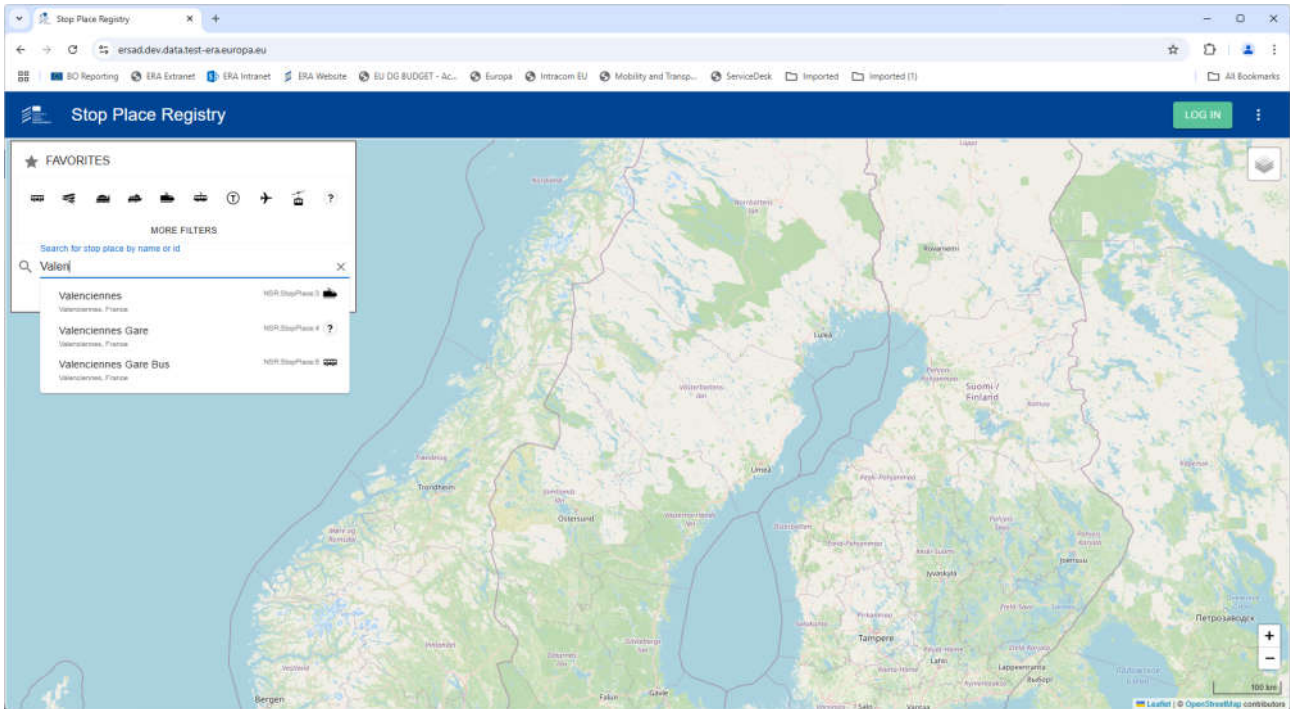


Figure 2- Search

English and non-English language characters are supported, as long as the search input characters can be found in station data (<Name> element of a station) in ERSAD database.

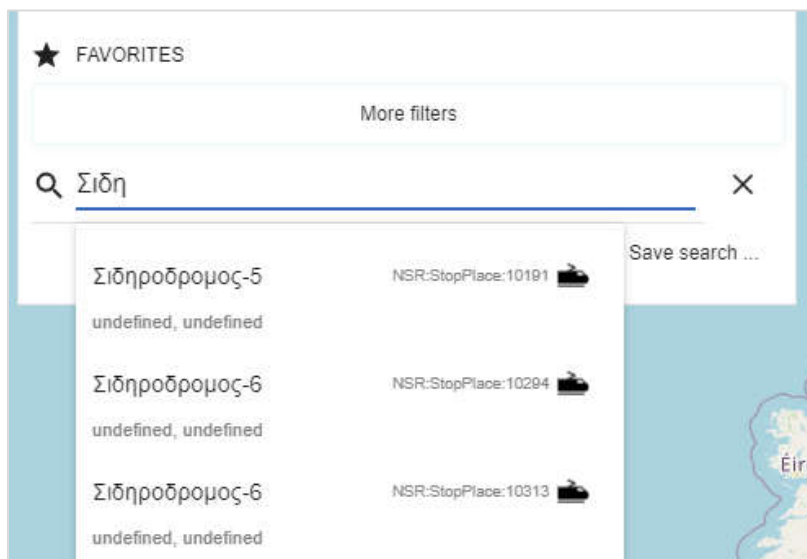


Figure 3 - Search with partial substring

Search functionality is interactive and is returning results matching the substring entered by the user. This means that the user can view results by the time he provides the first letters of the Station name he searches.

6.3 Preview Station

As long as a station is included in the results list, user is able to preview a small set of details along with the location map.

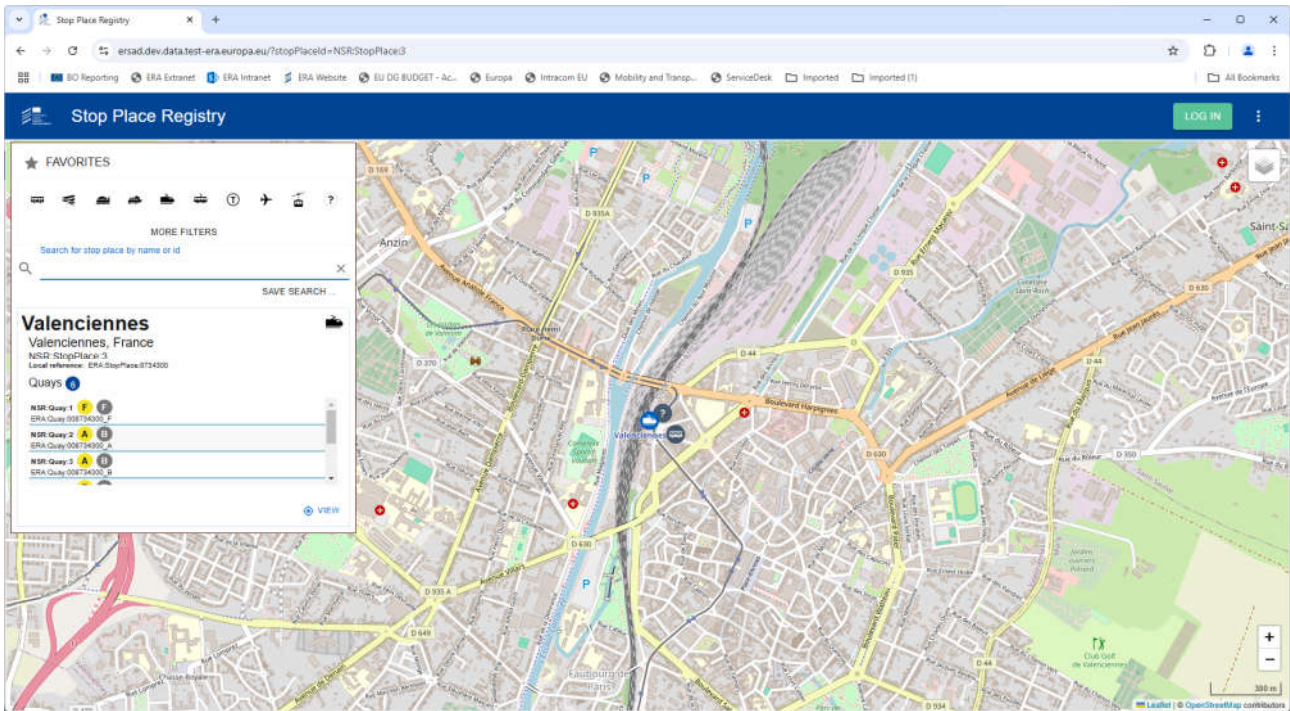


Figure 4 – View Station Preview

The user can select to view all station details.

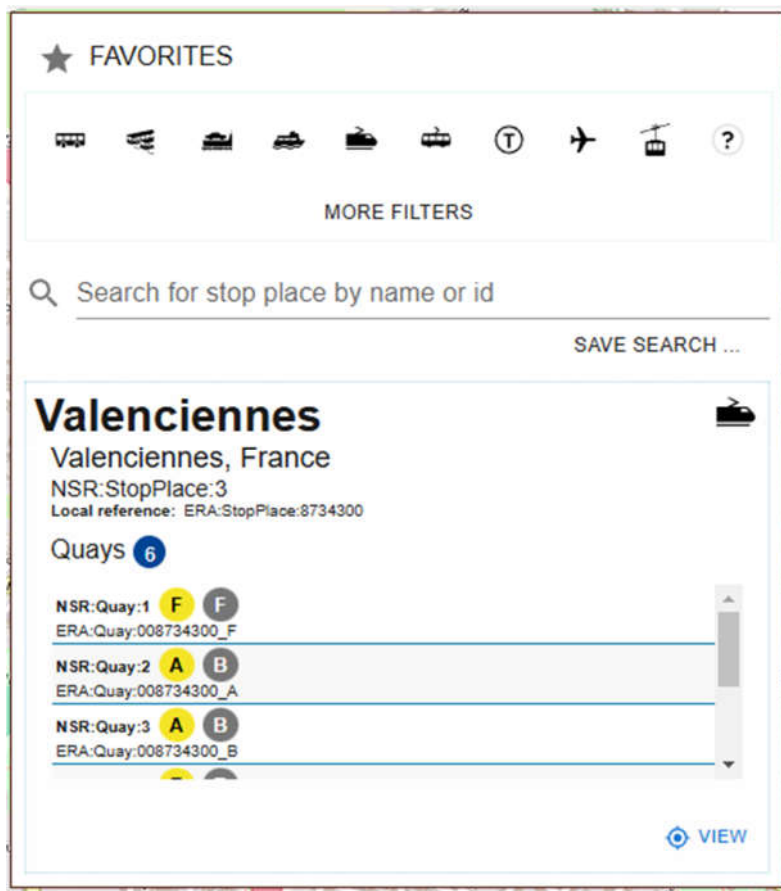


Figure 5 – Select to view station details

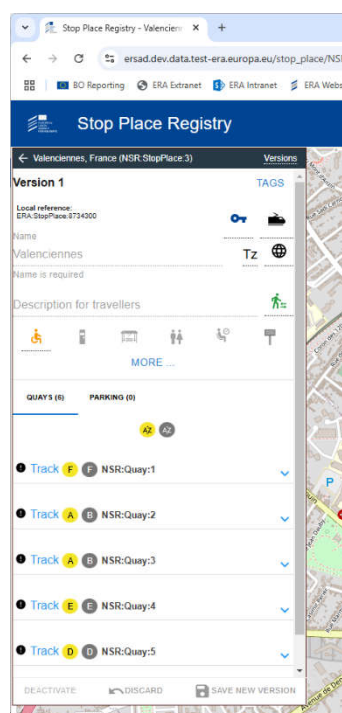


Figure 6 - view station details

The user can navigate back to homepage by either clicking on the back arrow in the top left section of the station details or by clicking on the ERSAD logo in the top left section of the whole page.

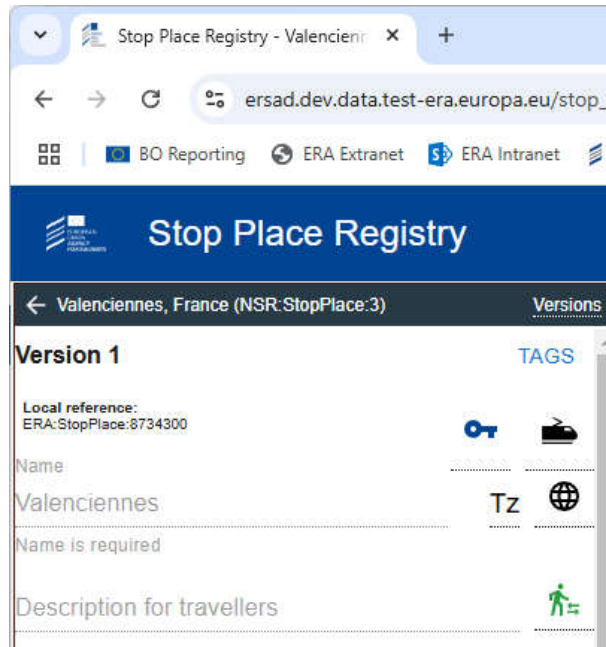


Figure 7 – Navigate back to homepage

6.4 View Additional Options

On the top right section application offers a three-dots icon which when expanded allows the user to change the following options

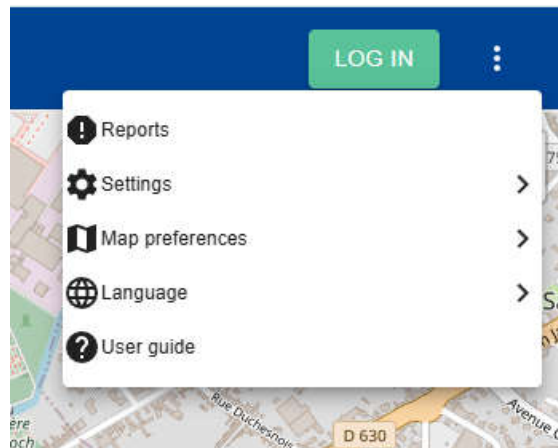


Figure 8 – View additional options

6.5 View Contact Us

When the user selects the “Contact Us” option. A new email windows is opening which allows to user to contact ERSAD team by sending an email.

6.6 View User Guide

When the user selects the “User Guide” option application will redirect the user to a new window where the User Manual will be available.

6.7 Login

By selecting to Login user is redirected to the login page and is able to provide his ERSAD credentials provided by ERA team.

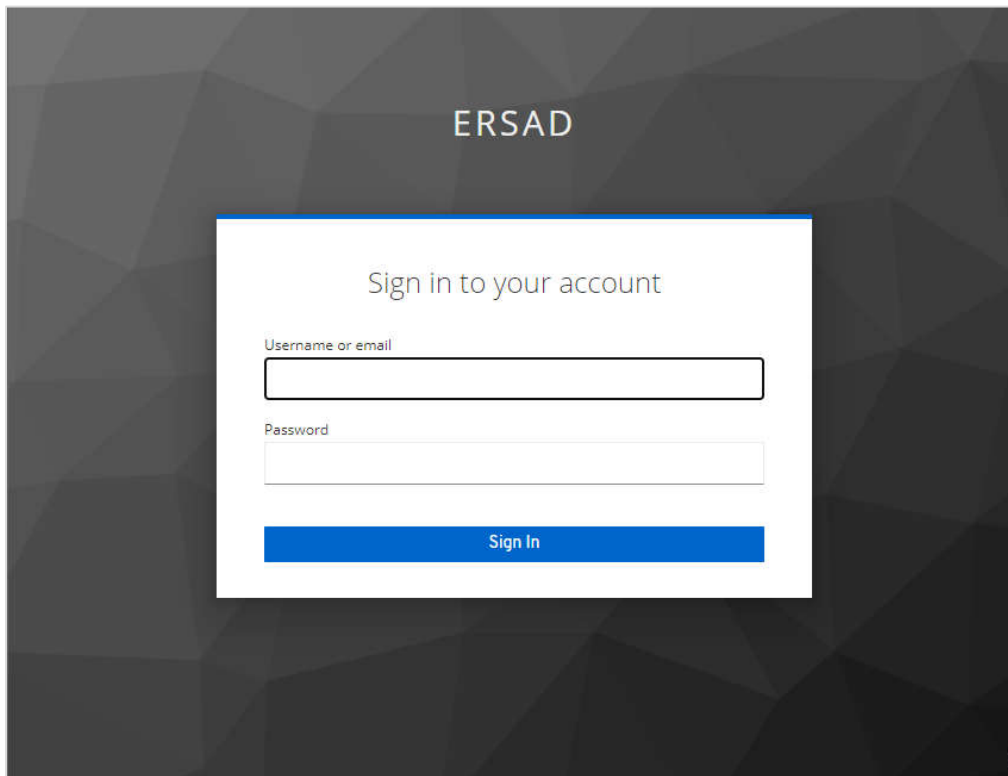


Figure 9 – Login page

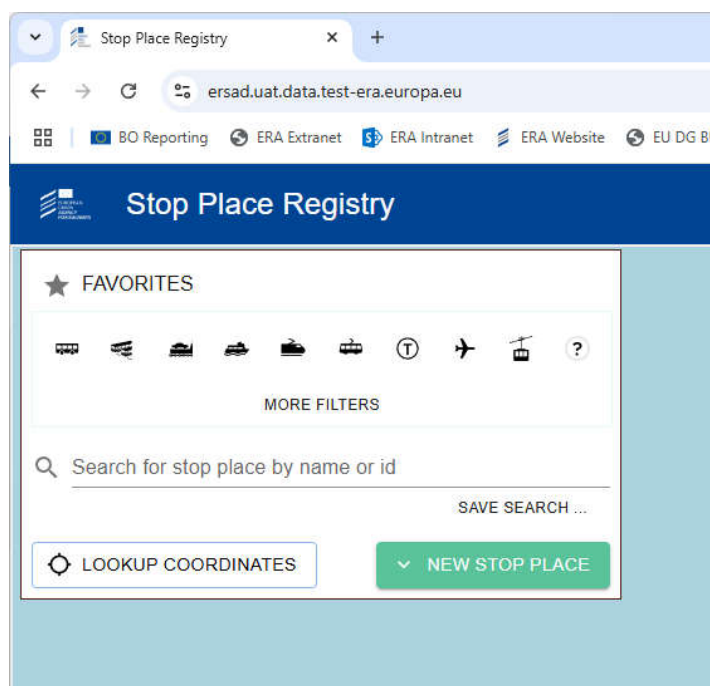


Figure 10 – Registered user homepage

6.8 Upload NeTEx File

6.8.1 Preparation of the NeTEx file for the upload

Before uploading a file to the ERSAD database, the file needs to be prepared for the file upload. The structure of the file has to follow the rules of the standard CEN/TS 16614 (NeTEx). The usage of the necessary parameters is explained in the draft technical document B.15, available at https://github.com/EU-Agency-for-Railways/Telematics-TSI/blob/main/ERA_TD_B15.pdf.

Before you submit a file for upload, please check the following:

- Please ensure that the file is well-formed XML
- Please ensure that the file follows the NeTEx specification and validates against the NeTEx XML data model
- Please ensure that the file is not bigger than 5 MB
- Please ensure that the file contains the necessary `<KeyValue>` element “uicCode” as `<Key>` **for each station**. The element shall be accommodated at the following path on the NeTEx-file: /PublicationDelivery/dataObjects/SiteFrame/stopPlaces/StopPlace/keyList:

```
<KeyValue>
  <Key>uicCode</Key>
  <Value>insert retail location code (ENEE) of the station</Value>
</KeyValue>
```

If the key is not in the dataset, **the file will be rejected**.

6.8.2 Upload process

Registered National Content User is able to upload new station data via the “Upload Netex File” option.

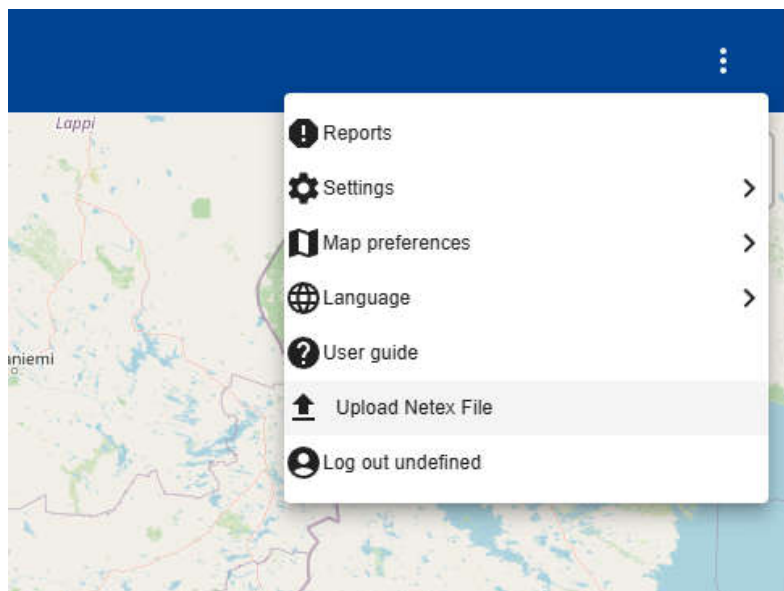


Figure 11 – Upload Netex File

The application redirects the user to the upload data screen

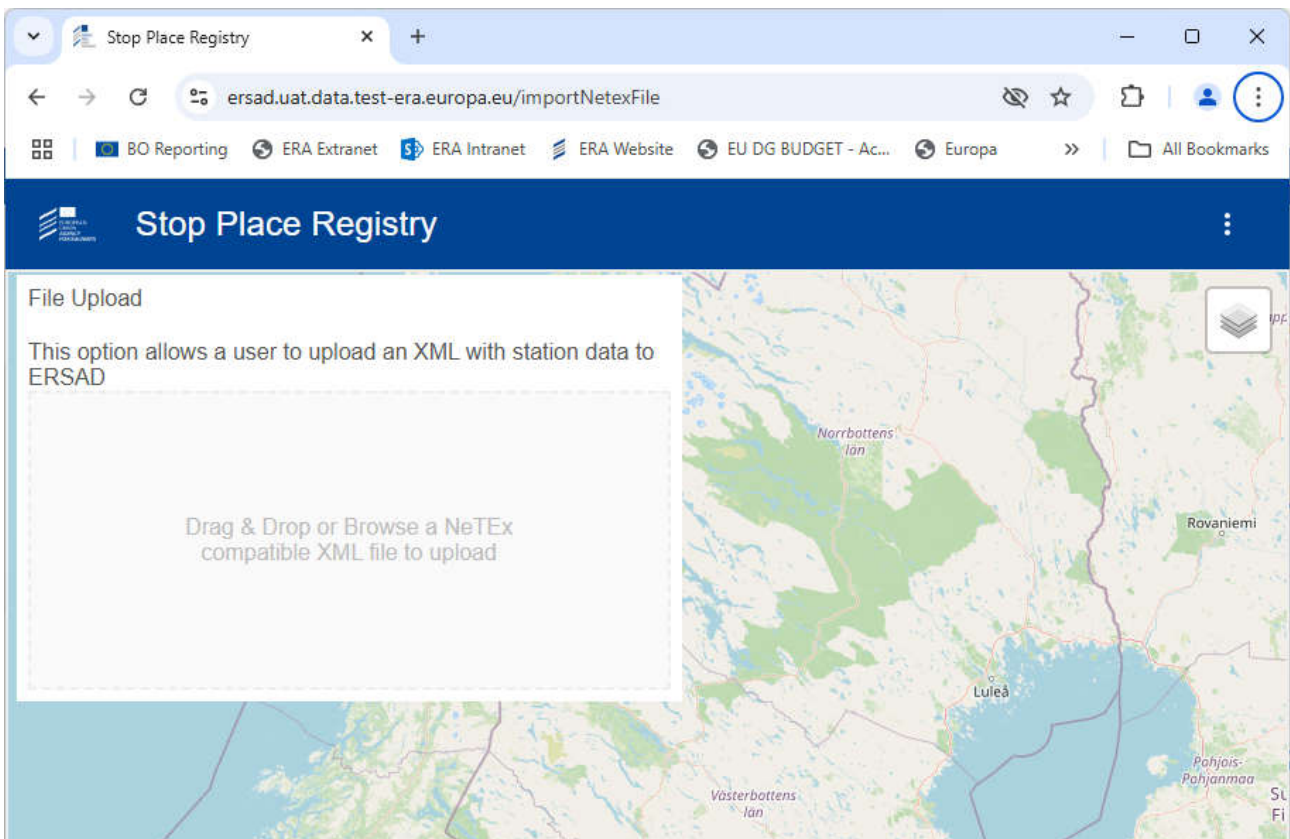


Figure 12 – Upload File page

User can drag and drop an xml file in the file upload section or can browse for a file.

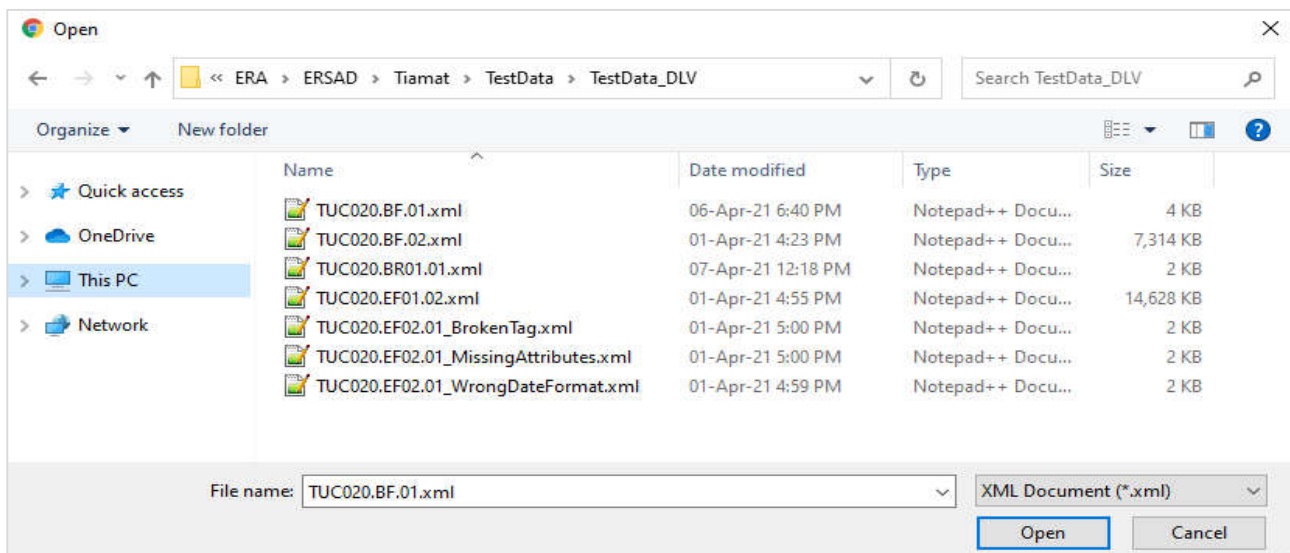


Figure 13 – Upload File – File selection menu

Please note that application restricts the upload to XML files only. Examples of XML files are published on the ERSAD webpage of the Agency.

The user selects a file to upload, and the application loads the file to the upload section. User has now the option to either upload the file or delete it and upload another.

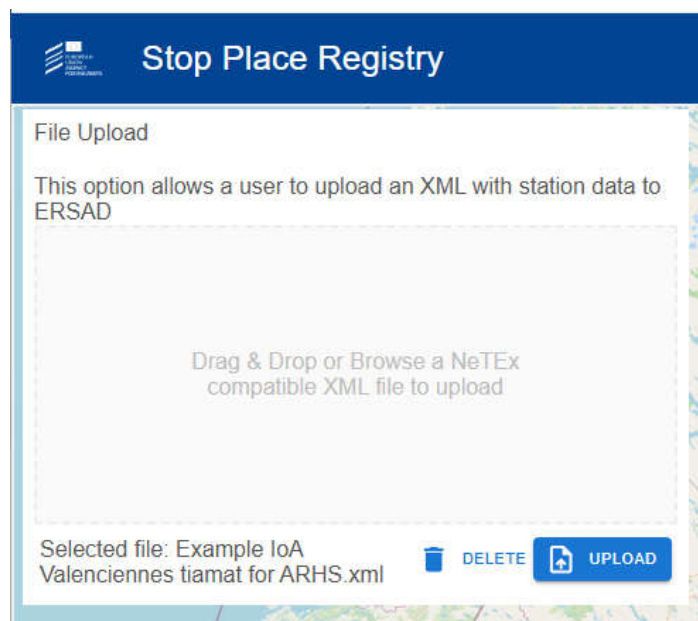
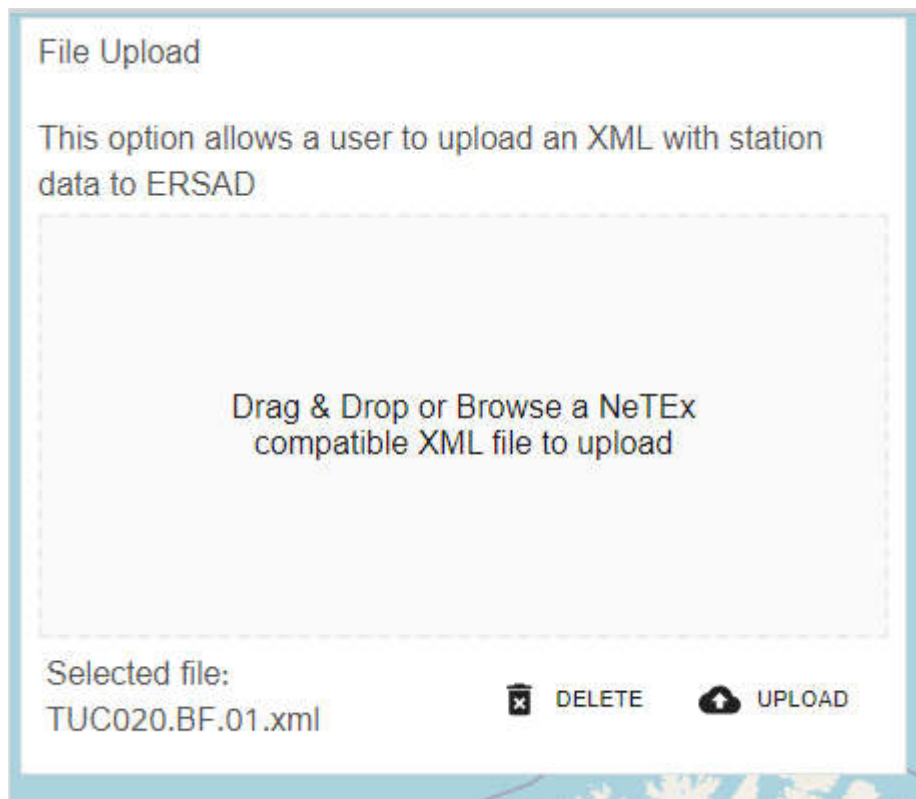


Figure 14 – Upload File – Loaded file preview

Upon successful upload application returns a green confirmation message that the file is processed correctly.

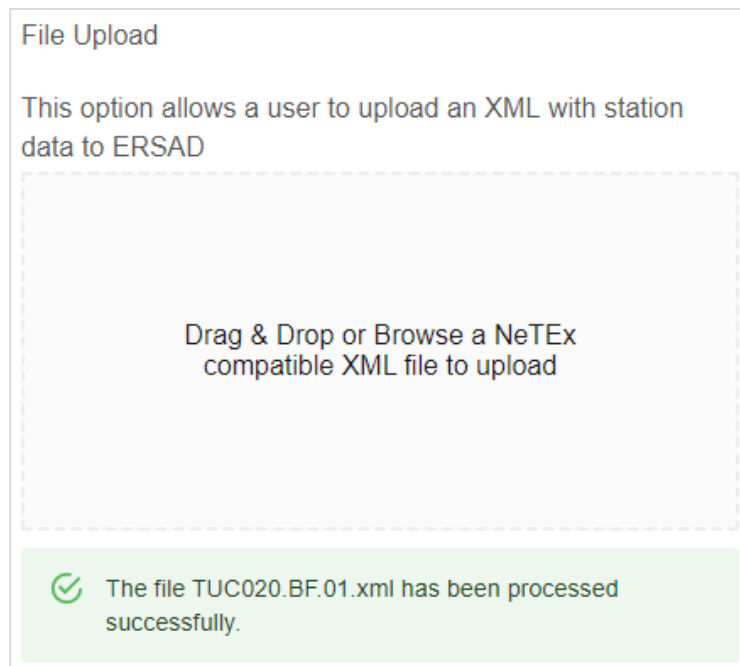


Figure 15 – Upload File – File processed successfully

In case application finds errors in the XML structure then the file is rejected, and a related error message is returned to the user. User should update the input file and load it again in the File upload menu.

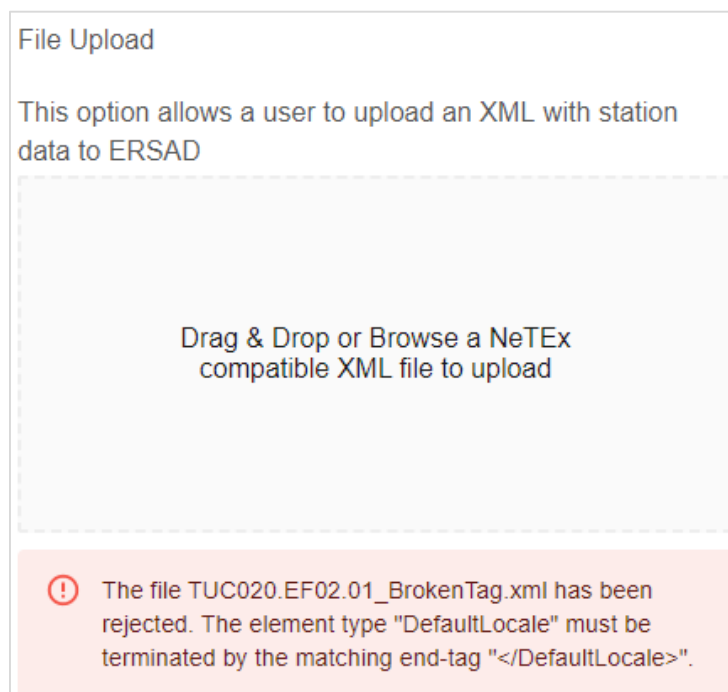


Figure 16 – Upload File – File rejected

The application also restricts the upload of large files, depending of the configuration this maximum allowed size can change in all ERSAD instances.

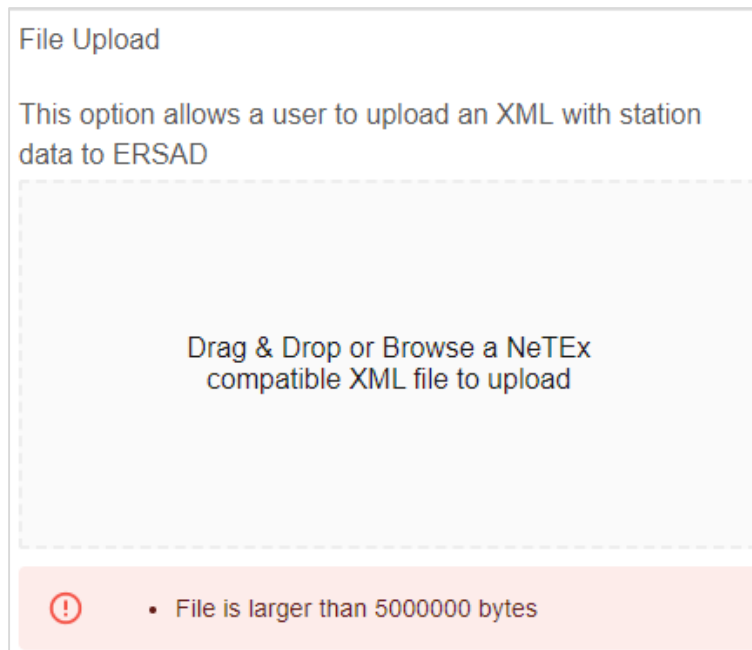


Figure 17 – Upload File – File rejected due to large size

6.9 Manual edit of station data

Additionally to the upload of a NeTeX file with the data for train stations, there is as well a possibility to edit the station data manually. The documentation is available at <https://enturas.atlassian.net/wiki/spaces/PUBLIC/pages/1225523302/User+guide+national+stop+place+registry>.

Please ensure that for each station the key `uicCode` is defined:

1. Add a new key-value

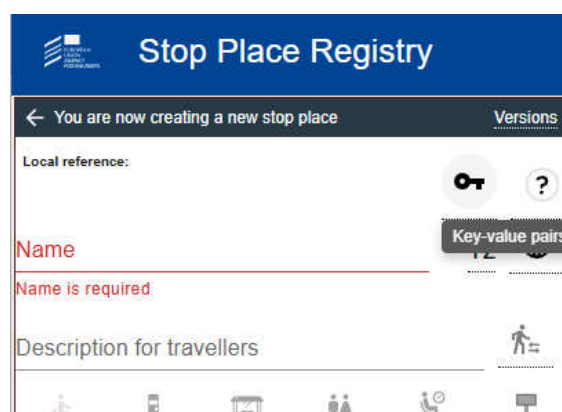


Figure 18 add key-value for `uicCode`

2. Create a new key-value pair

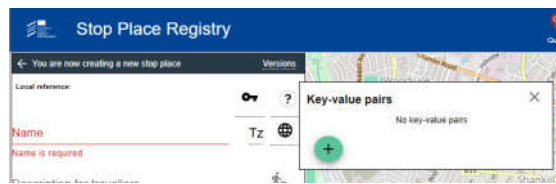


Figure 19 Add the key value

3. Add the key value with the key name uicCode :

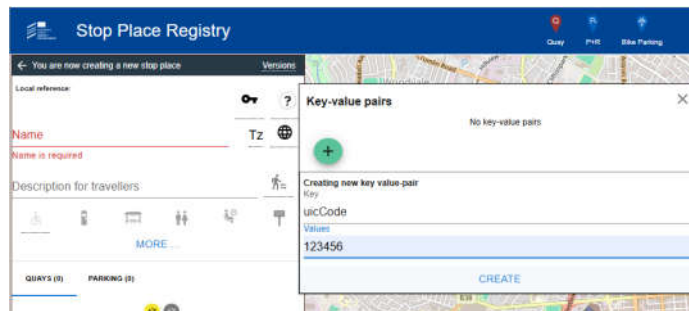


Figure 20 Key-value dialogue

6.10 Logout

The user can logout from the application using the additional options menu

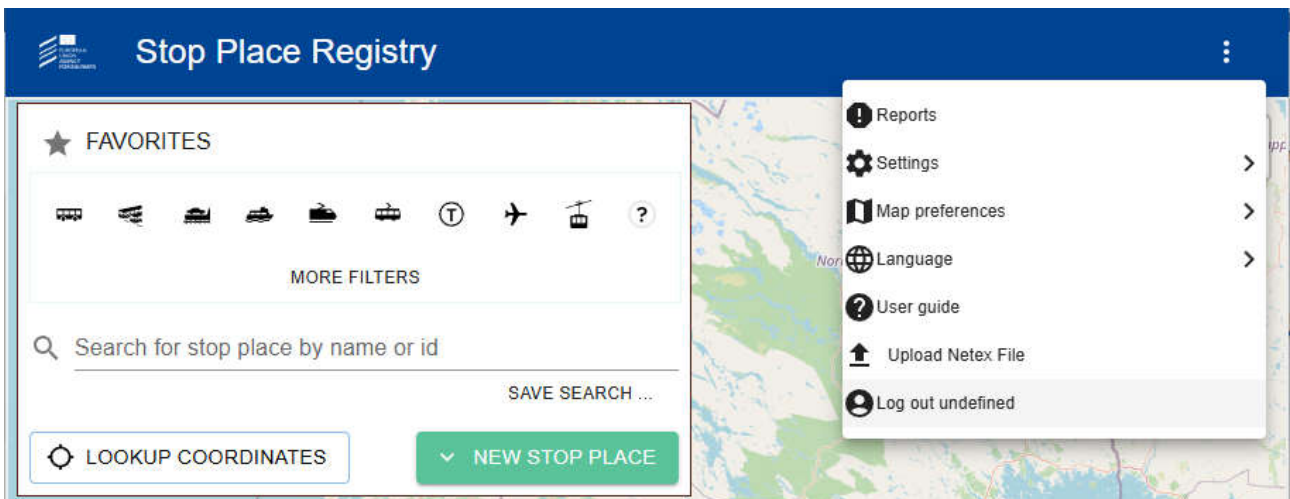


Figure 21 – Logout option