CIFP

Closures & Incidents Feed

Script and WebApp for managing WME closures CIFP feed

A short guide to using the WME script and the Management WebApp

Document version 1.0.2025-06 by fmondini(6) – https://www.waze.com/discuss/u/fmondini/summary

Part #1 - The WME Script

The CIFP script

Purpose: To insert closures into a database to be sent to Waze via JSON Feed.

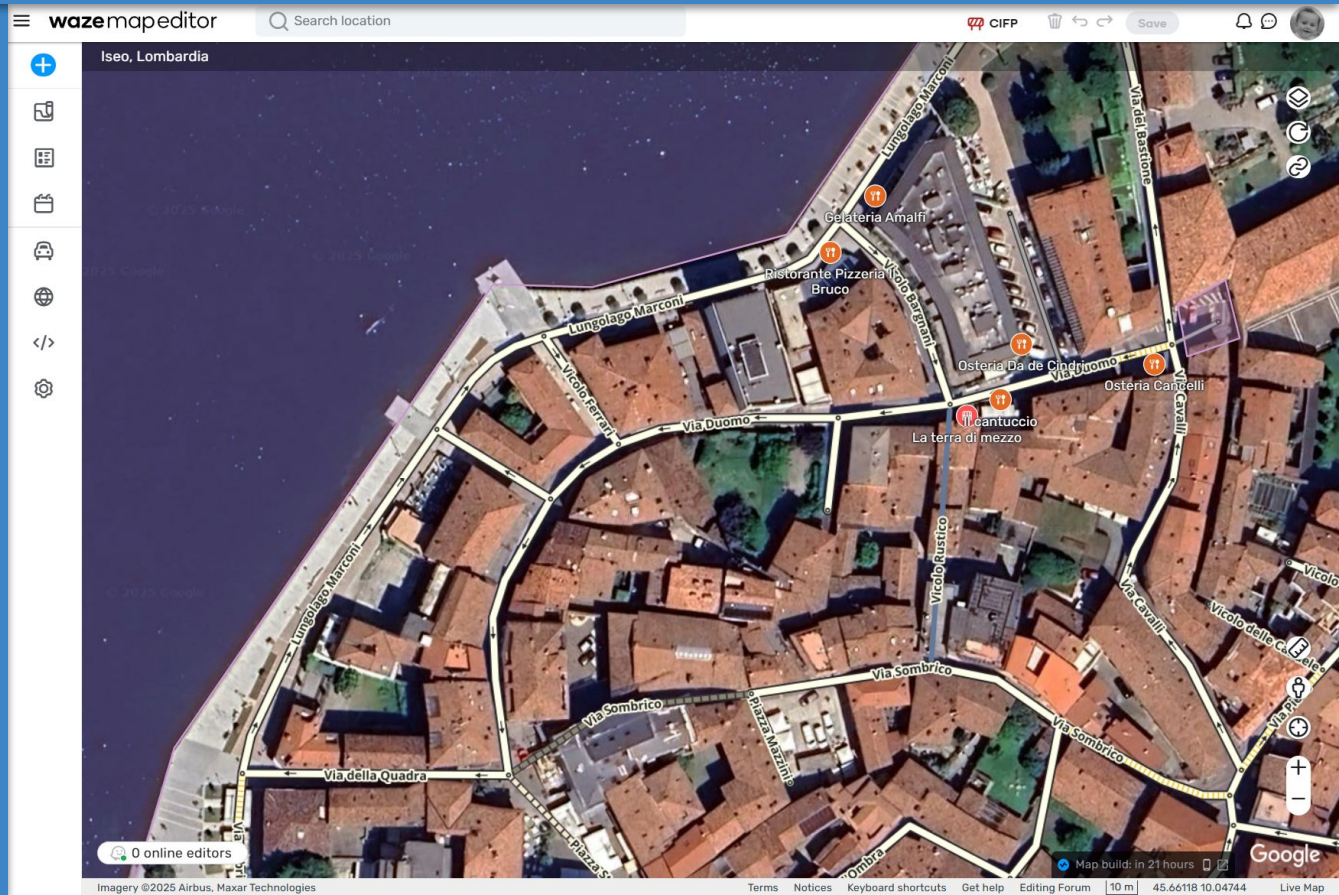
NOTE: The use of CIFP must be authorized, so the script requires an API key to be used. If you do not have one, ask your country manager who, at his discretion, will generate one.

Installation

- Make sure you have the “TamperMonkey” extension installed by downloading it from here: https://www.tampermonkey.net/
- Download the script from the Waze.Tools **CODE** site by following this link: https://code.waze.tools/home/browse.jsp?ShowSID=9ef6797a-6358-4b31-8147-511099e3419f
- TamperMonkey will ask you to install the script, accept
- Once WME is launched an additional icon called “**CIFP**” will appear at the top

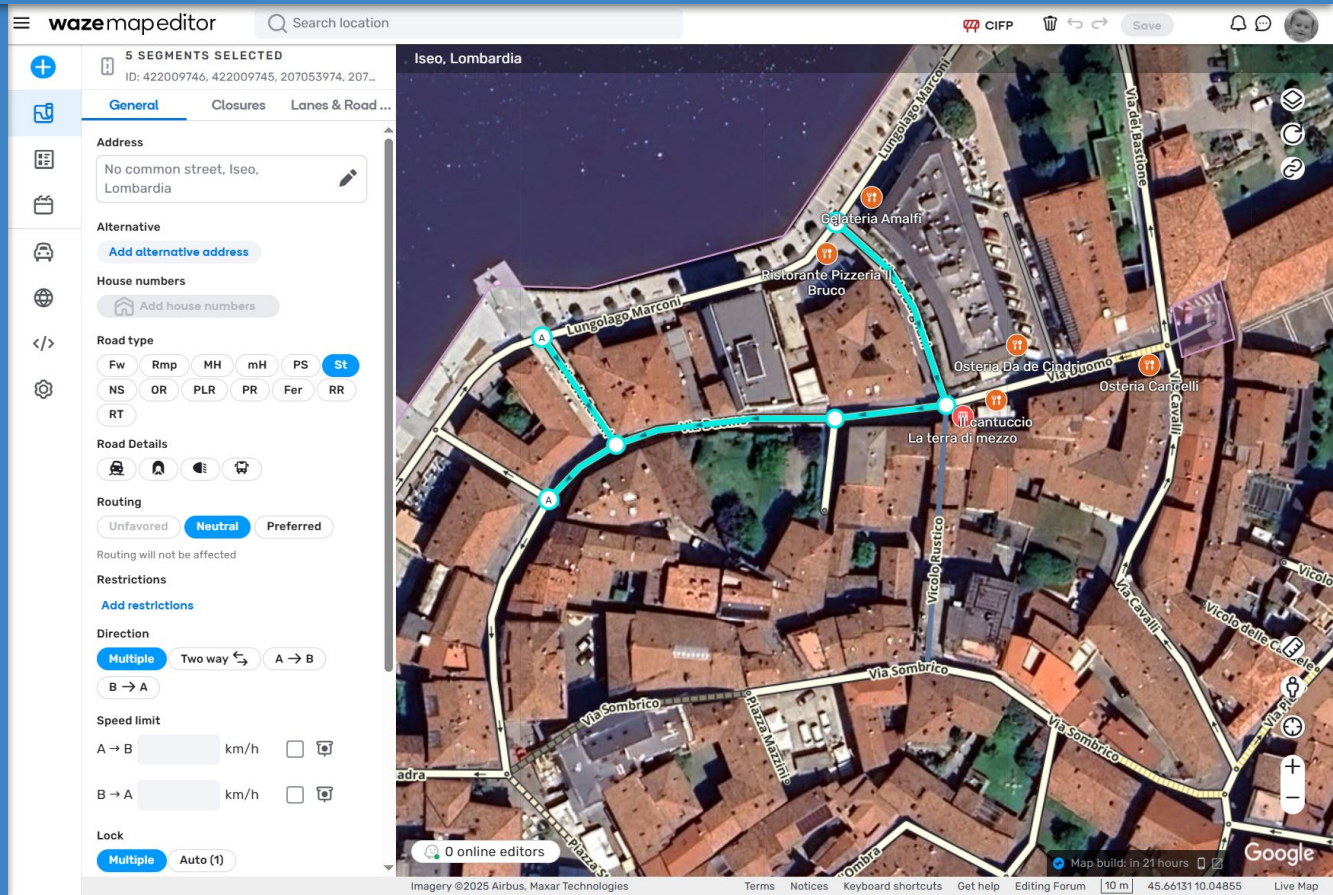
How to use the script

- Follow the instructions in the previous slide for installation
- If everything went well, you will have a new button labeled **`CIFP`** in your WME
- If the button does not appear, refer to the last slide of this section to enable debugging and generate useful information to solve the problem



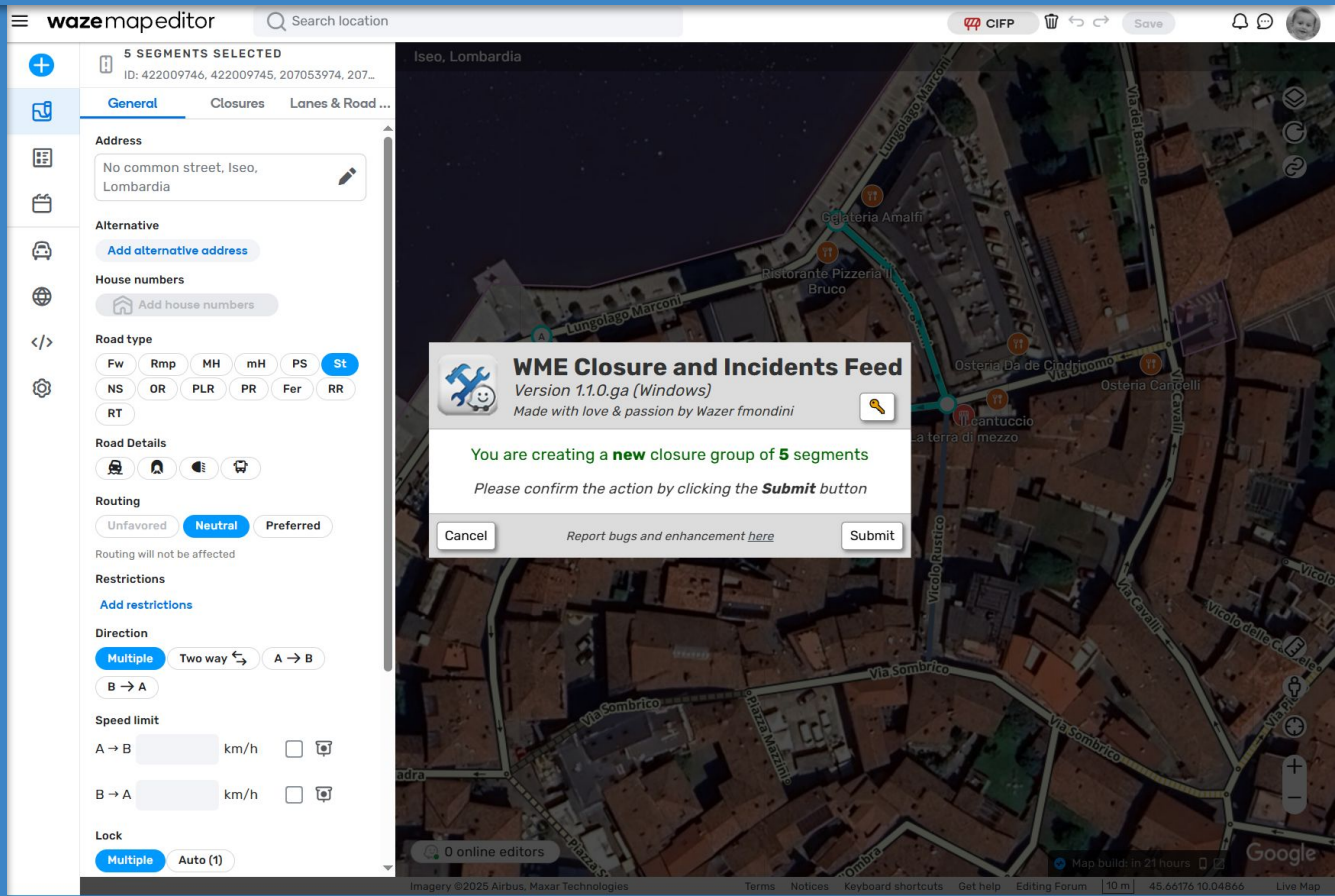
How to use the script

- Select the segments that should be closed
- Multiple segments can be selected by holding down the **CTRL** key while clicking on the desired segment
- You can only select objects of type “segment”, other object types are not supported.



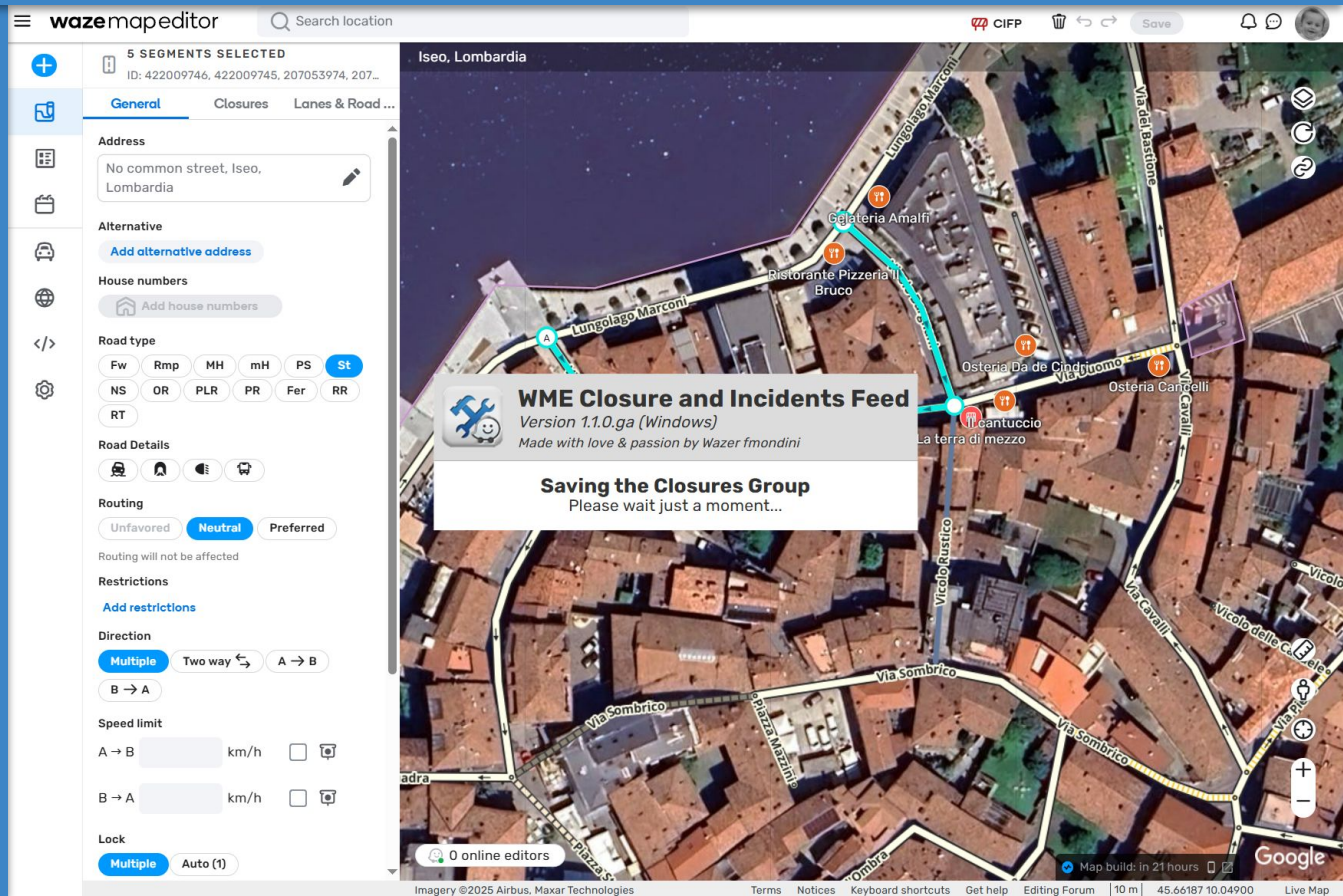
How to use the script

- After selection, click on the `CIFP` button
- A window like the one on the side will appear
- If this is your first time using `CIFP` click on the button with the key 🔑 to enter your API key
- Check that the number of segments matches the number of segments to close
- Submit the form



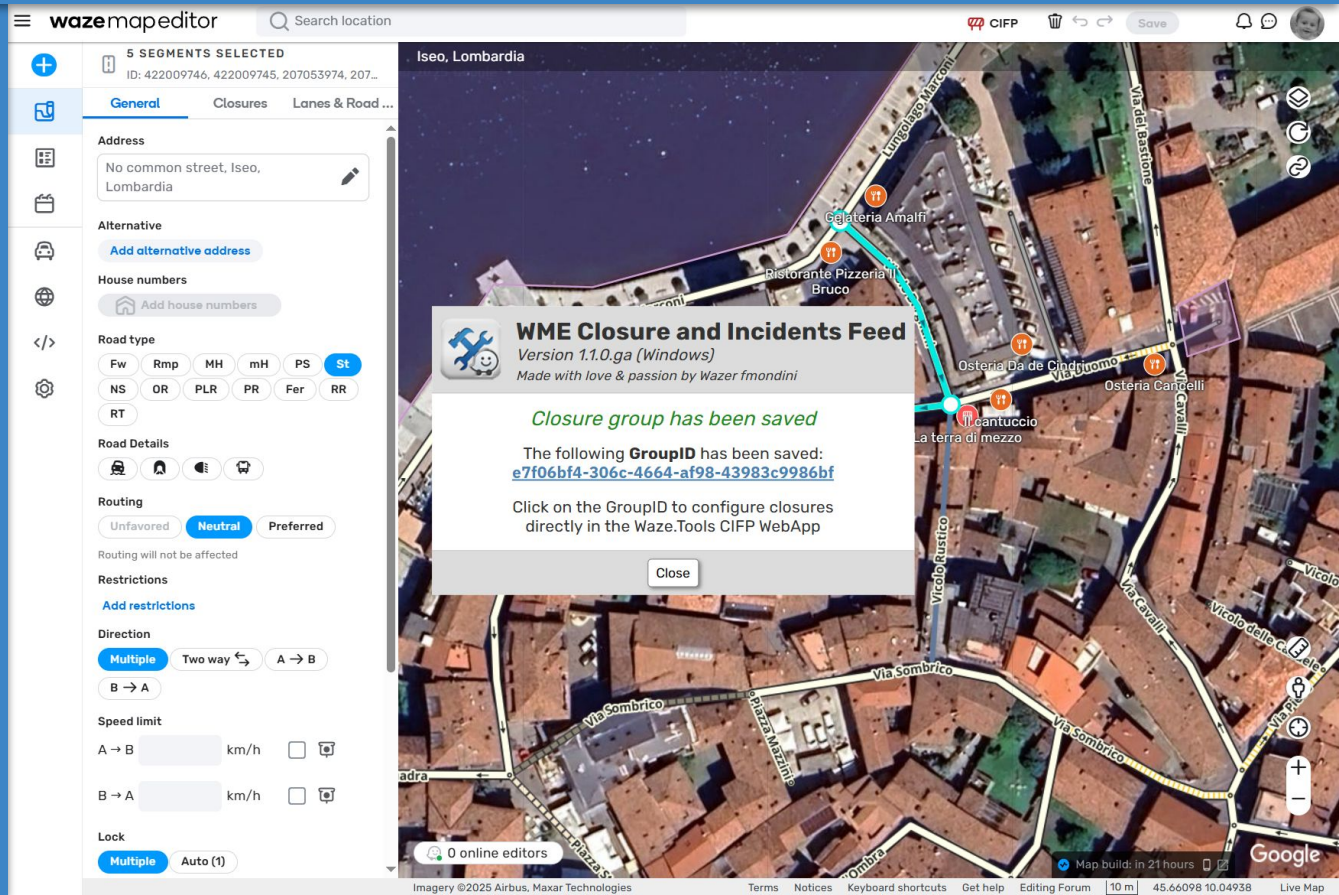
How to use the script

- Wait a couple of seconds while the Waze.Tools `CIFP` server processes your request
- Once processed, a box will appear containing the result of the operation
- Please note that if the API key is null or invalid, the operation will never be successful



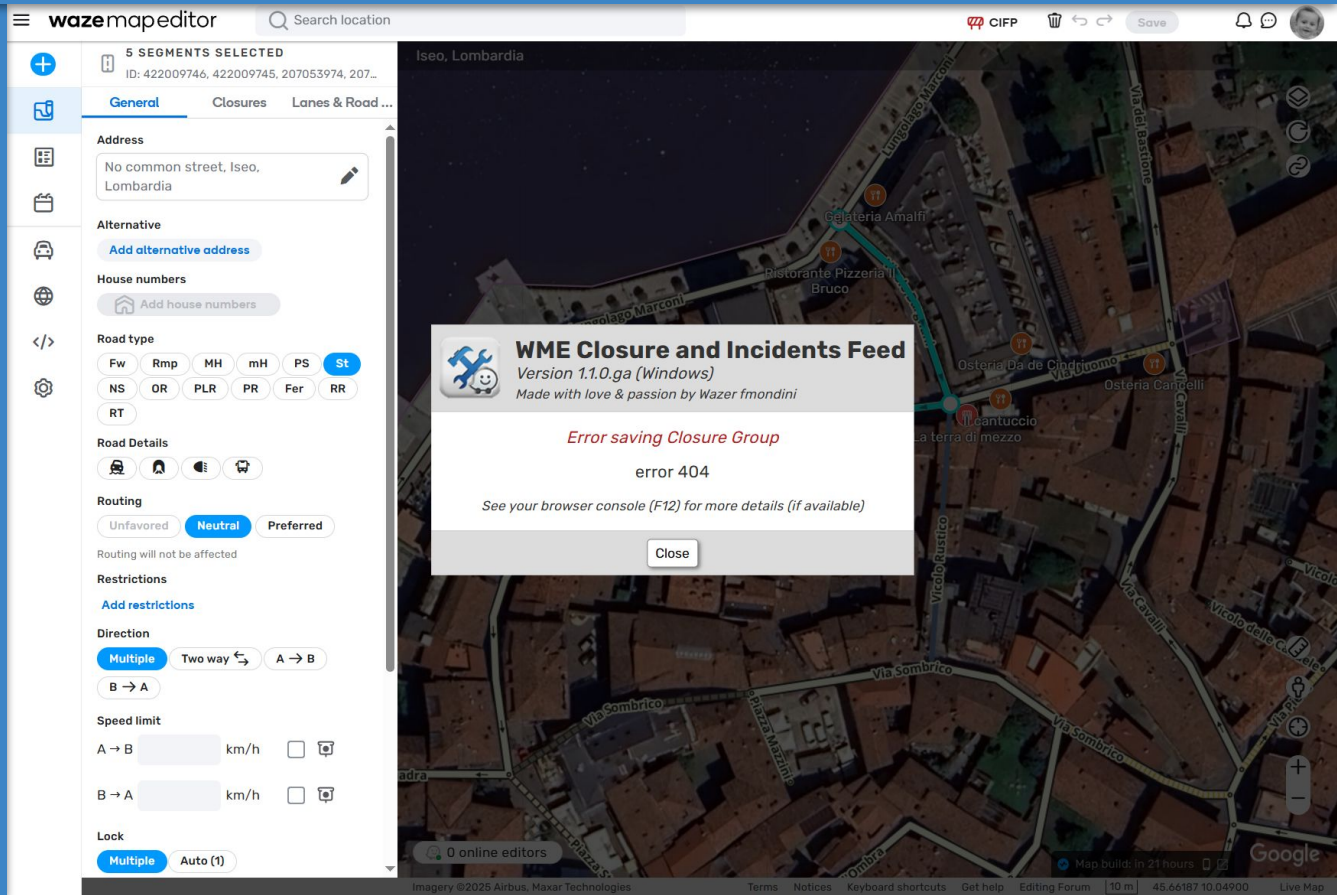
How to use the script

- If the request has been correctly registered, the box you see here on the side will appear
- In the box you will find the ID assigned to this closing group; click on it to enter the details
- You will be transferred to the **CIFP** WebApp in **EDIT** mode *(see the "Editing an Orphan Closure" slide below)*



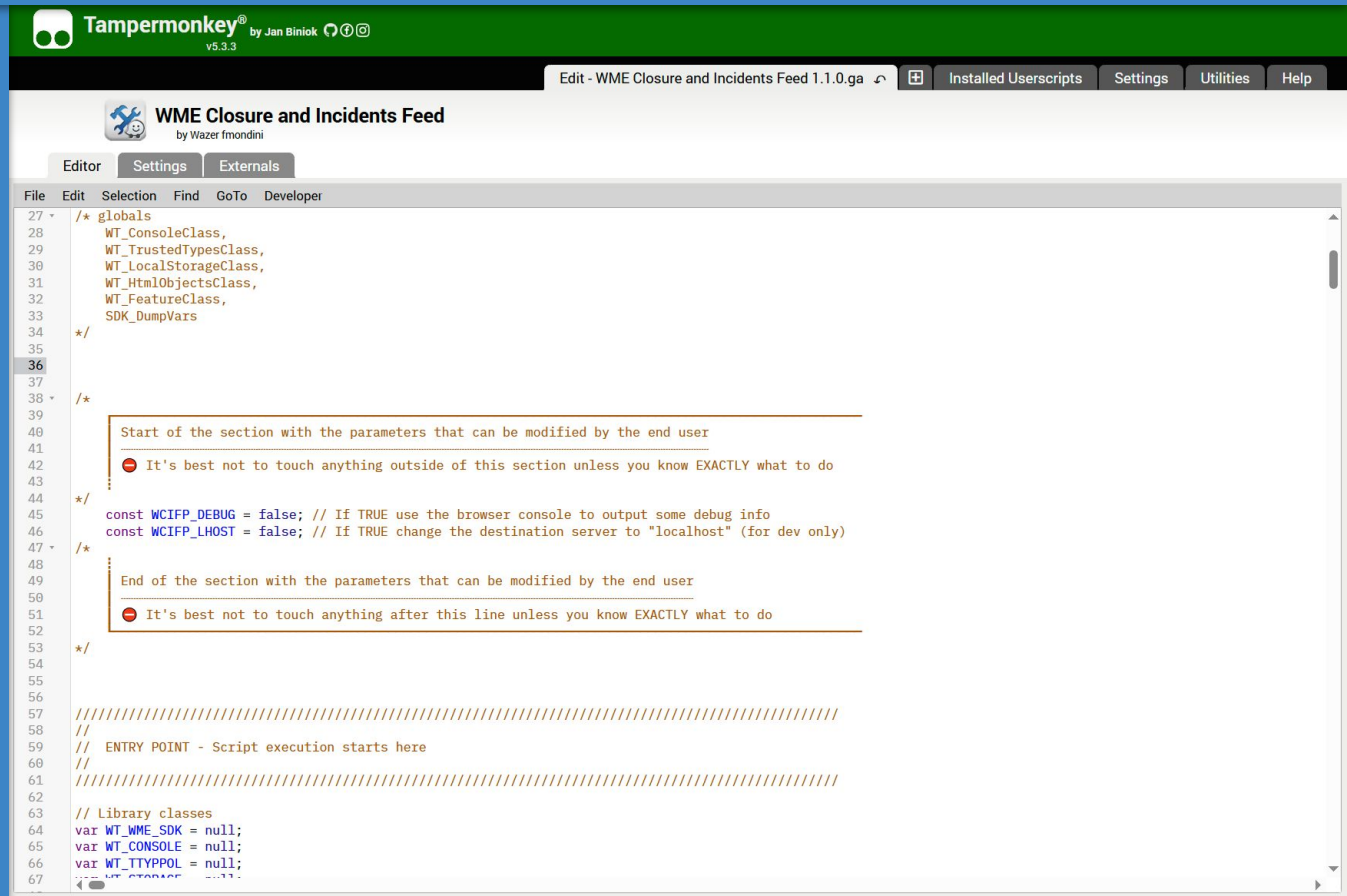
How to use the script

- If the entry has not been recorded in the database, the box you see here will appear
- In the box you will find a general explanation of why the insertion was not successful
- In most cases, further information about the error encountered will be available in the browser console (F12)



What to do in case of errors

- In case of error, it might be useful to display some additional messages
- To generate these details, open the script in TamperMonkey and edit the `WCIFP_DEBUG` line, changing the value from “**false**” to “**true**”
- The results can be seen from the browser console (F12)



Part #2 - The WebApp

The CIFP Web Application

Purpose: To manage the closures that will generate the feed to be sent to Waze

Entry point

The Web application is available from here: https://cifp.waze.tools/

Notes

- To use this application, authorization to use is required
- Authorization to use is given by an admin(*) and is related to the selected country
- Each user can be authorized for one or more countries

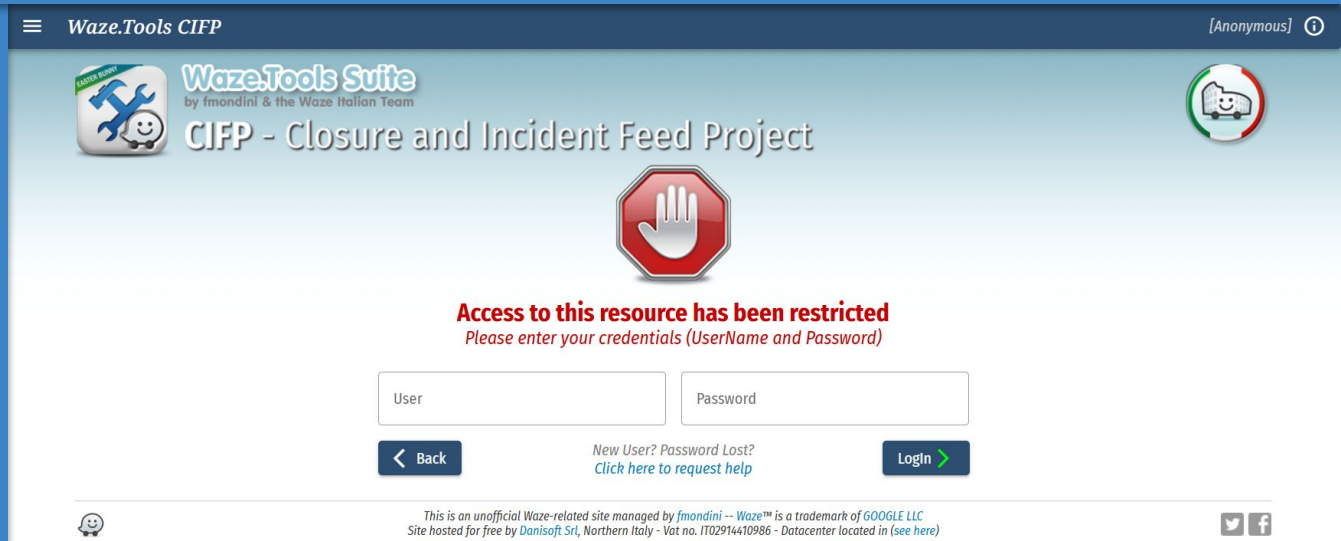
(*) The admin of a country is usually the country manager or a high-level user selected by the country manager

Entry point

- Once connected to the CIFP site, the home page visible here on the right is displayed
- To enter, click on the image
- To be able to log in, you will need your credentials to be enabled for this job
- If not, ask your country administrator

Authentication

- The **CIFP** application requires the user to be verified and have the necessary rights to access
- Enter username and password to continue
- Credentials must match those registered in the **AUTH** webapp and MUST have been enabled for **CIFP** access by an admin

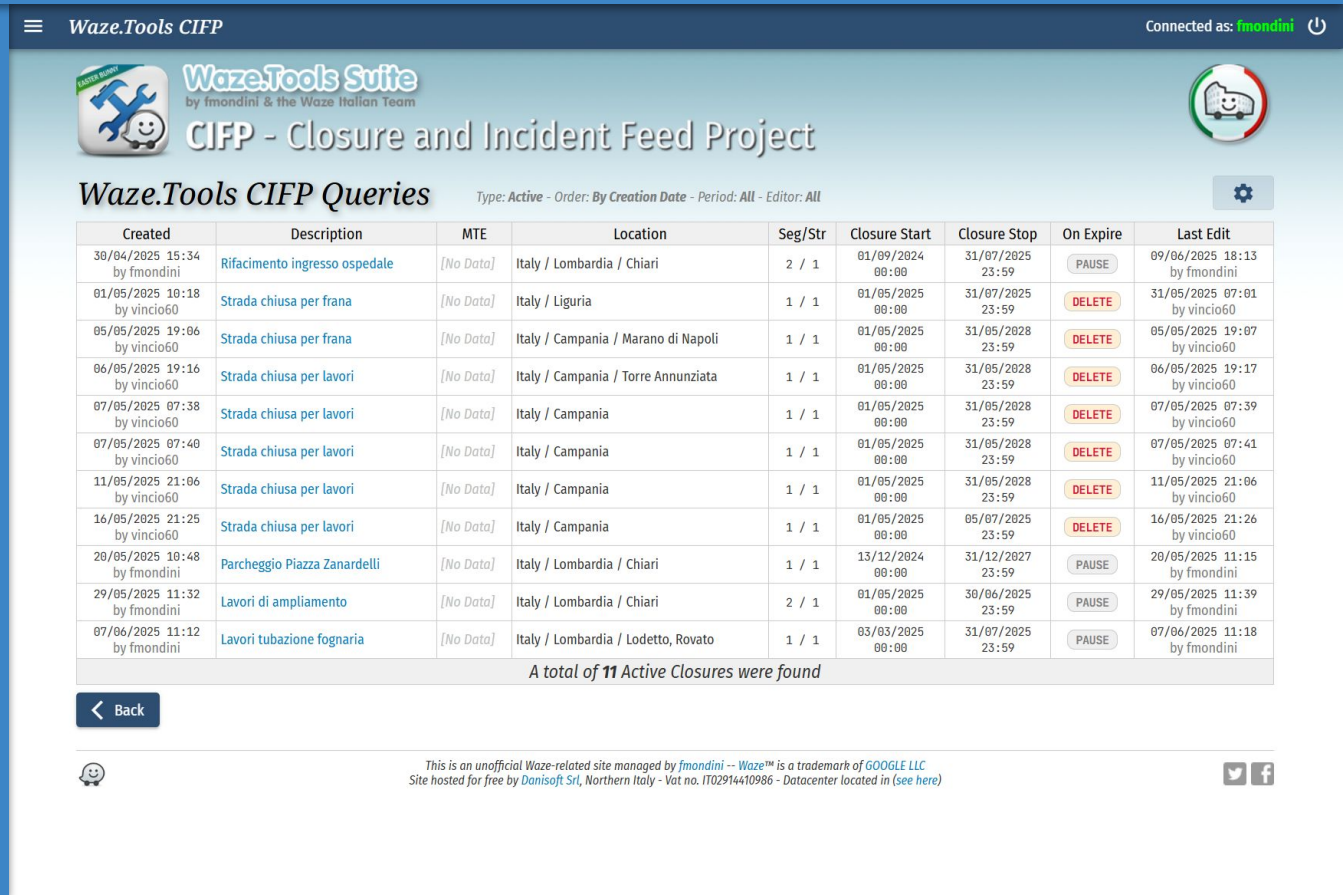


Queries Home

- Once you enter, you will find yourself on the main page of available queries
- Here are four possible queries:
  - Active Closures
  - Paused Closures
  - Orphan Closures
  - Map of all Closures
- Additionally, you will find the "*freshness*" of the update from Waze below.

Active closures

- A closure is considered “active” when it is saved and sent to the JSON feed
- The list displays the closures that are relevant to the user
- Clicking on the description switches to edit mode
- Clicking on “Seg/Str” displays a summary of the roads involved

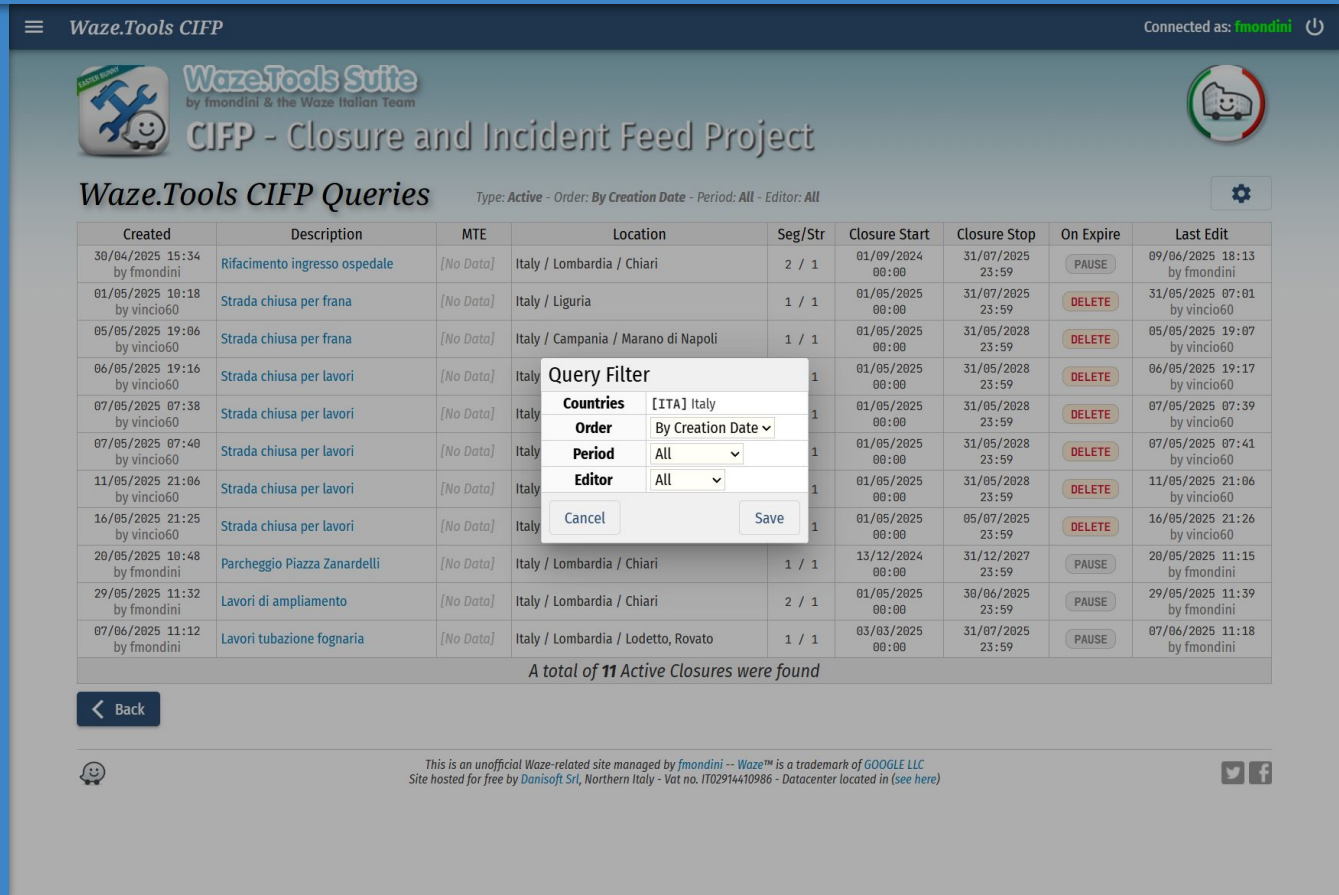


Created	Description	MTE	Location	Seg/Str	Closure Start	Closure Stop	On Expire	Last Edit
30/04/2025 15:34 by fmondini	Rifacimento ingresso ospedale	[No Data]	Italy / Lombardia / Chiari	2 / 1	01/09/2024 00:00	31/07/2025 23:59	PAUSE	09/06/2025 18:13 by fmondini
01/05/2025 10:18 by vincio60	Strada chiusa per frana	[No Data]	Italy / Liguria	1 / 1	01/05/2025 00:00	31/07/2025 23:59	DELETE	31/05/2025 07:01 by vincio60
05/05/2025 19:06 by vincio60	Strada chiusa per frana	[No Data]	Italy / Campania / Marano di Napoli	1 / 1	01/05/2025 00:00	31/05/2028 23:59	DELETE	05/05/2025 19:07 by vincio60
06/05/2025 19:16 by vincio60	Strada chiusa per lavori	[No Data]	Italy / Campania / Torre Annunziata	1 / 1	01/05/2025 00:00	31/05/2028 23:59	DELETE	06/05/2025 19:17 by vincio60
07/05/2025 07:38 by vincio60	Strada chiusa per lavori	[No Data]	Italy / Campania	1 / 1	01/05/2025 00:00	31/05/2028 23:59	DELETE	07/05/2025 07:39 by vincio60
07/05/2025 07:40 by vincio60	Strada chiusa per lavori	[No Data]	Italy / Campania	1 / 1	01/05/2025 00:00	31/05/2028 23:59	DELETE	07/05/2025 07:41 by vincio60
11/05/2025 21:06 by vincio60	Strada chiusa per lavori	[No Data]	Italy / Campania	1 / 1	01/05/2025 00:00	31/05/2028 23:59	DELETE	11/05/2025 21:06 by vincio60
16/05/2025 21:25 by vincio60	Strada chiusa per lavori	[No Data]	Italy / Campania	1 / 1	01/05/2025 00:00	05/07/2025 23:59	DELETE	16/05/2025 21:26 by vincio60
20/05/2025 10:48 by fmondini	Parcheggio Piazza Zanardelli	[No Data]	Italy / Lombardia / Chiari	1 / 1	13/12/2024 00:00	31/12/2027 23:59	PAUSE	20/05/2025 11:15 by fmondini
29/05/2025 11:32 by fmondini	Lavori di ampliamento	[No Data]	Italy / Lombardia / Chiari	2 / 1	01/05/2025 00:00	30/06/2025 23:59	PAUSE	29/05/2025 11:39 by fmondini
07/06/2025 11:12 by fmondini	Lavori tubazione fognaria	[No Data]	Italy / Lombardia / Lodetto, Rovato	1 / 1	03/03/2025 00:00	31/07/2025 23:59	PAUSE	07/06/2025 11:18 by fmondini

*A total of **11** Active Closures were found*

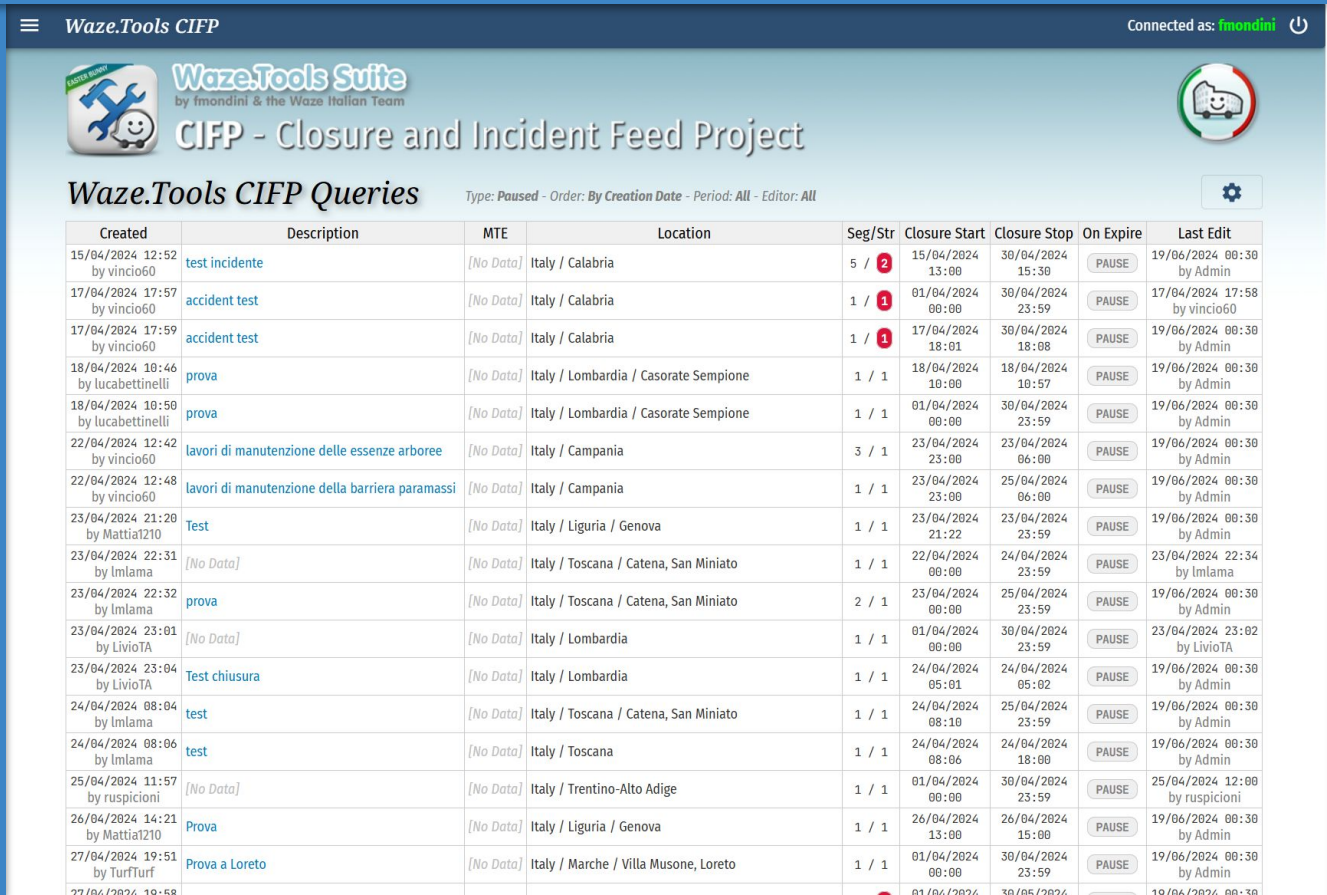
Active closures options

- You can filter the list based on four parameters:
- The Country
  - *This is not editable*
- The display order
  - *By location, creation date, last update, etc*
- The period
  - *This month, last month, last year, etc*
- Who created it
  - *All editors or a specific one*



Paused closures

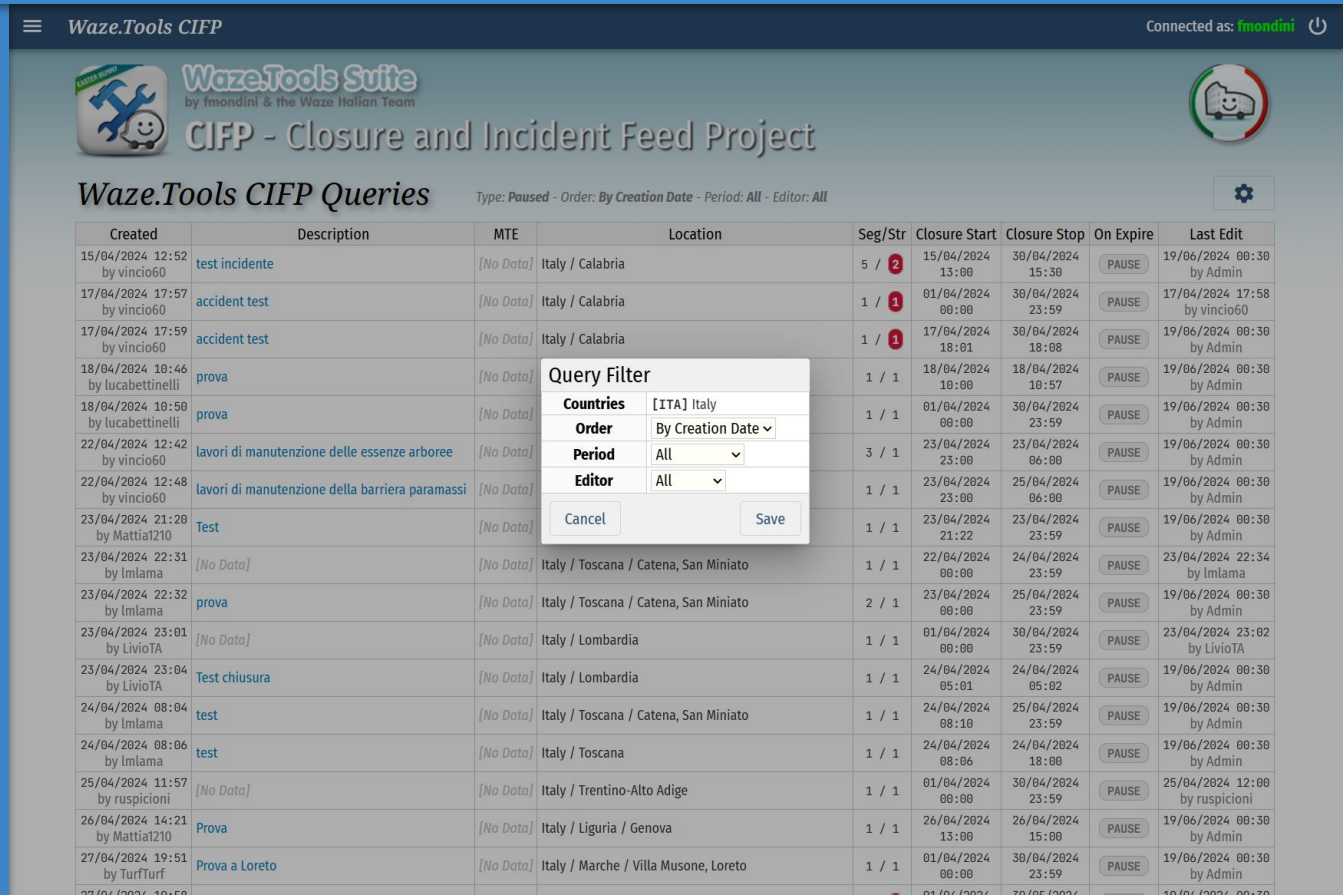
- A closure is considered “paused” when it has been saved but is NOT sent to the JSON feed
- The list displays the closures that are relevant to the user
- Clicking on the description switches to edit mode
- Clicking on “Seg/Str” displays a summary of the roads involved



Created	Description	MTE	Location	Seg/Str	Closure Start	Closure Stop	On Expire	Last Edit
15/04/2024 12:52 by vincio60	test incidente	[No Data]	Italy / Calabria	5 / 2	15/04/2024 13:00	30/04/2024 15:30	PAUSE	19/06/2024 00:30 by Admin
17/04/2024 17:57 by vincio60	accident test	[No Data]	Italy / Calabria	1 / 1	01/04/2024 00:00	30/04/2024 23:59	PAUSE	17/04/2024 17:58 by vincio60
17/04/2024 17:59 by vincio60	accident test	[No Data]	Italy / Calabria	1 / 1	17/04/2024 18:01	30/04/2024 18:08	PAUSE	19/06/2024 00:30 by Admin
18/04/2024 10:46 by lucabettinelli	prova	[No Data]	Italy / Lombardia / Casorate Sempione	1 / 1	18/04/2024 10:00	18/04/2024 10:57	PAUSE	19/06/2024 00:30 by Admin
18/04/2024 10:50 by lucabettinelli	prova	[No Data]	Italy / Lombardia / Casorate Sempione	1 / 1	01/04/2024 00:00	30/04/2024 23:59	PAUSE	19/06/2024 00:30 by Admin
22/04/2024 12:42 by vincio60	lavori di manutenzione delle essenze arboree	[No Data]	Italy / Campania	3 / 1	23/04/2024 23:00	23/04/2024 06:00	PAUSE	19/06/2024 00:30 by Admin
22/04/2024 12:48 by vincio60	lavori di manutenzione della barriera paramassi	[No Data]	Italy / Campania	1 / 1	23/04/2024 23:00	25/04/2024 06:00	PAUSE	19/06/2024 00:30 by Admin
23/04/2024 21:20 by Mattia1210	Test	[No Data]	Italy / Liguria / Genova	1 / 1	23/04/2024 21:22	23/04/2024 23:59	PAUSE	19/06/2024 00:30 by Admin
23/04/2024 22:31 by lmlama	[No Data]	[No Data]	Italy / Toscana / Catena, San Miniato	1 / 1	22/04/2024 00:00	24/04/2024 23:59	PAUSE	23/04/2024 22:34 by lmlama
23/04/2024 22:32 by lmlama	prova	[No Data]	Italy / Toscana / Catena, San Miniato	2 / 1	23/04/2024 00:00	25/04/2024 23:59	PAUSE	19/06/2024 00:30 by Admin
23/04/2024 23:01 by LivioTA	[No Data]	[No Data]	Italy / Lombardia	1 / 1	01/04/2024 00:00	30/04/2024 23:59	PAUSE	23/04/2024 23:02 by LivioTA
23/04/2024 23:04 by LivioTA	Test chiusura	[No Data]	Italy / Lombardia	1 / 1	24/04/2024 05:01	24/04/2024 05:02	PAUSE	19/06/2024 00:30 by Admin
24/04/2024 08:04 by lmlama	test	[No Data]	Italy / Toscana / Catena, San Miniato	1 / 1	24/04/2024 08:10	25/04/2024 23:59	PAUSE	19/06/2024 00:30 by Admin
24/04/2024 08:06 by lmlama	test	[No Data]	Italy / Toscana	1 / 1	24/04/2024 08:06	24/04/2024 18:00	PAUSE	19/06/2024 00:30 by Admin
25/04/2024 11:57 by ruspicioni	[No Data]	[No Data]	Italy / Trentino-Alto Adige	1 / 1	01/04/2024 00:00	30/04/2024 23:59	PAUSE	25/04/2024 12:00 by ruspicioni
26/04/2024 14:21 by Mattia1210	Prova	[No Data]	Italy / Liguria / Genova	1 / 1	26/04/2024 13:00	26/04/2024 15:00	PAUSE	19/06/2024 00:30 by Admin
27/04/2024 19:51 by TurfTurf	Prova a Loreto	[No Data]	Italy / Marche / Villa Musone, Loreto	1 / 1	01/04/2024 00:00	30/04/2024 23:59	PAUSE	19/06/2024 00:30 by Admin

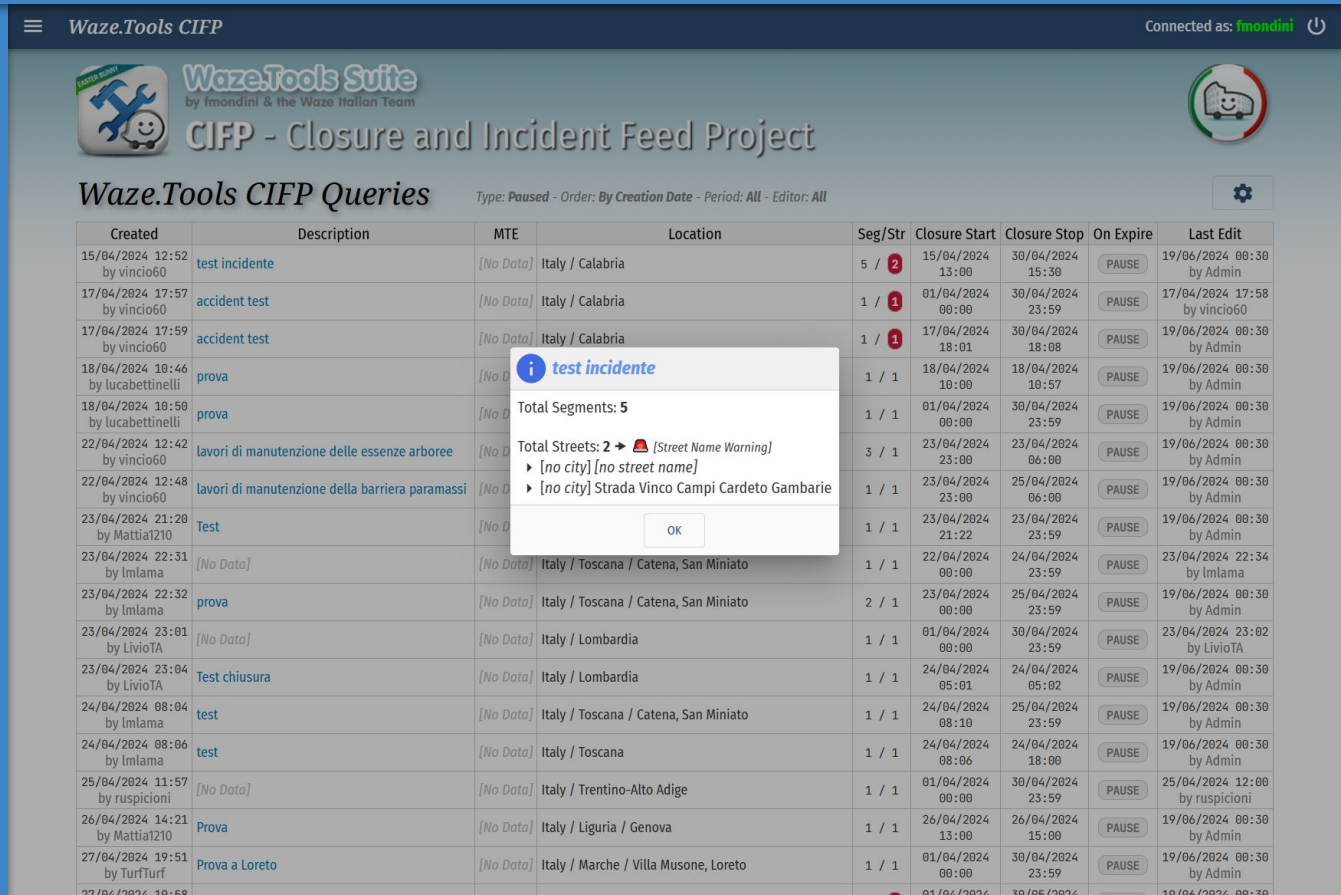
Paused closures options

- You can filter the list based on four parameters:
- The Country
  - *This is not editable*
- The display order
  - *By location, creation date, last update, etc*
- The period
  - *This month, last month, last year, etc*
- Who created it
  - *All editors or a specific one*



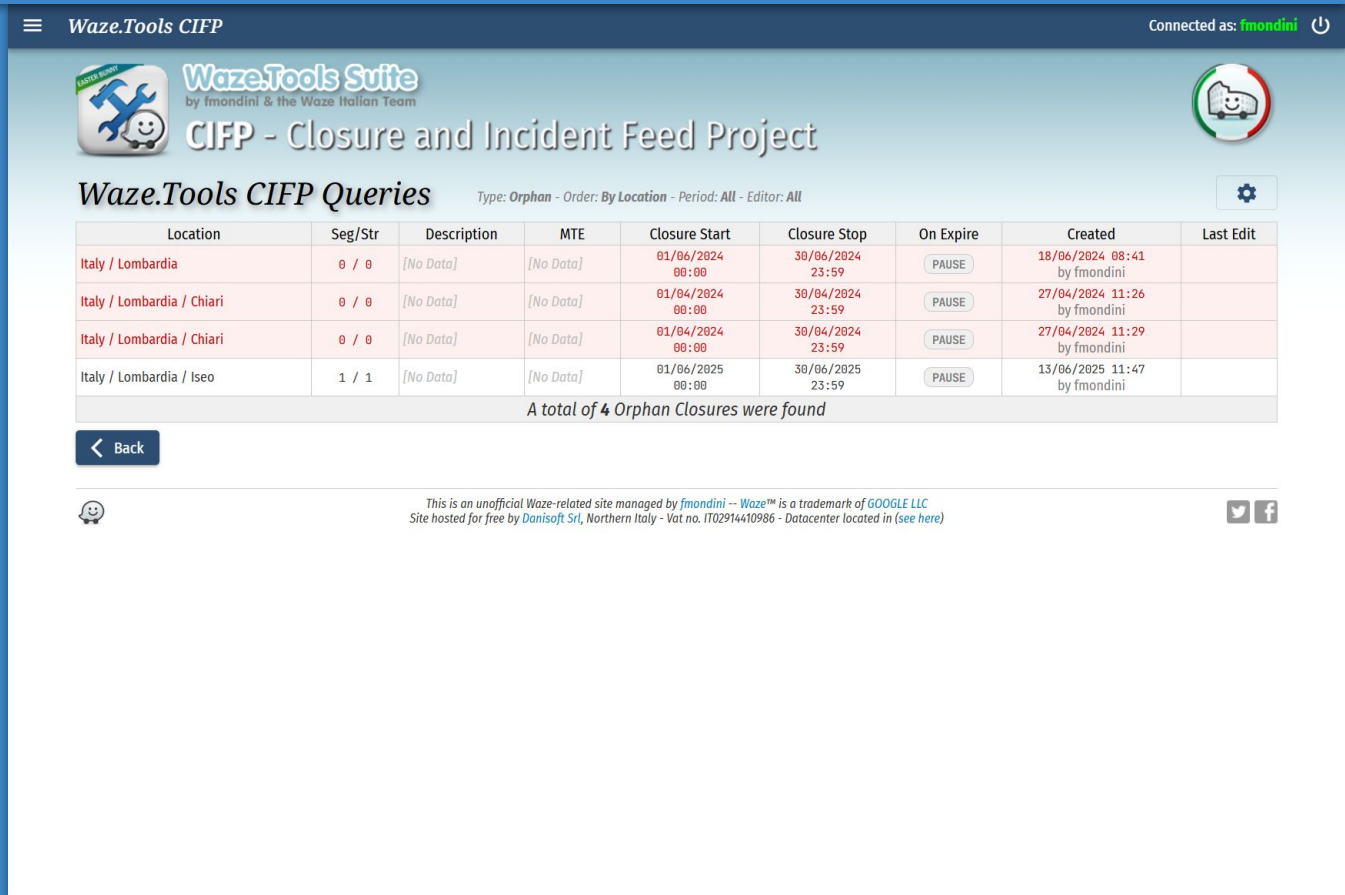
Incomplete street names

- By clicking on the value of the “Seg/Str” column, the summary of the roads involved in the closure will appear
- If the second digit has a red background it means that some roads have no name, and since Waze does not accept roads without a name the closure cannot be activated



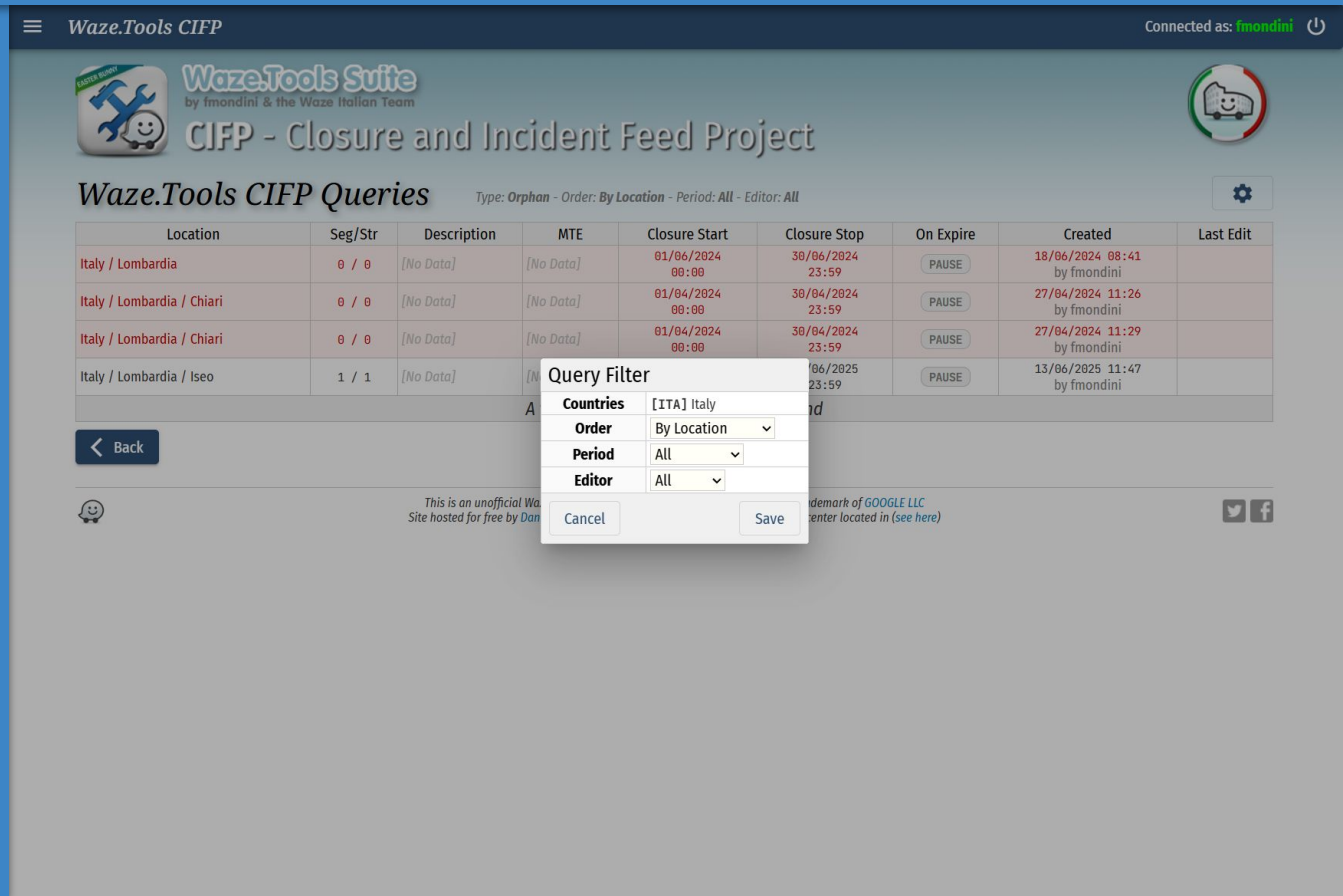
Orphan closures

- A closure is “orphan” when some mandatory fields have not been filled in
- The line has a red background if it does not contain even one segment
- All closures in this status, if not modified by the end of the day, will be treated as an entry error, and deleted at 00:00 GMT



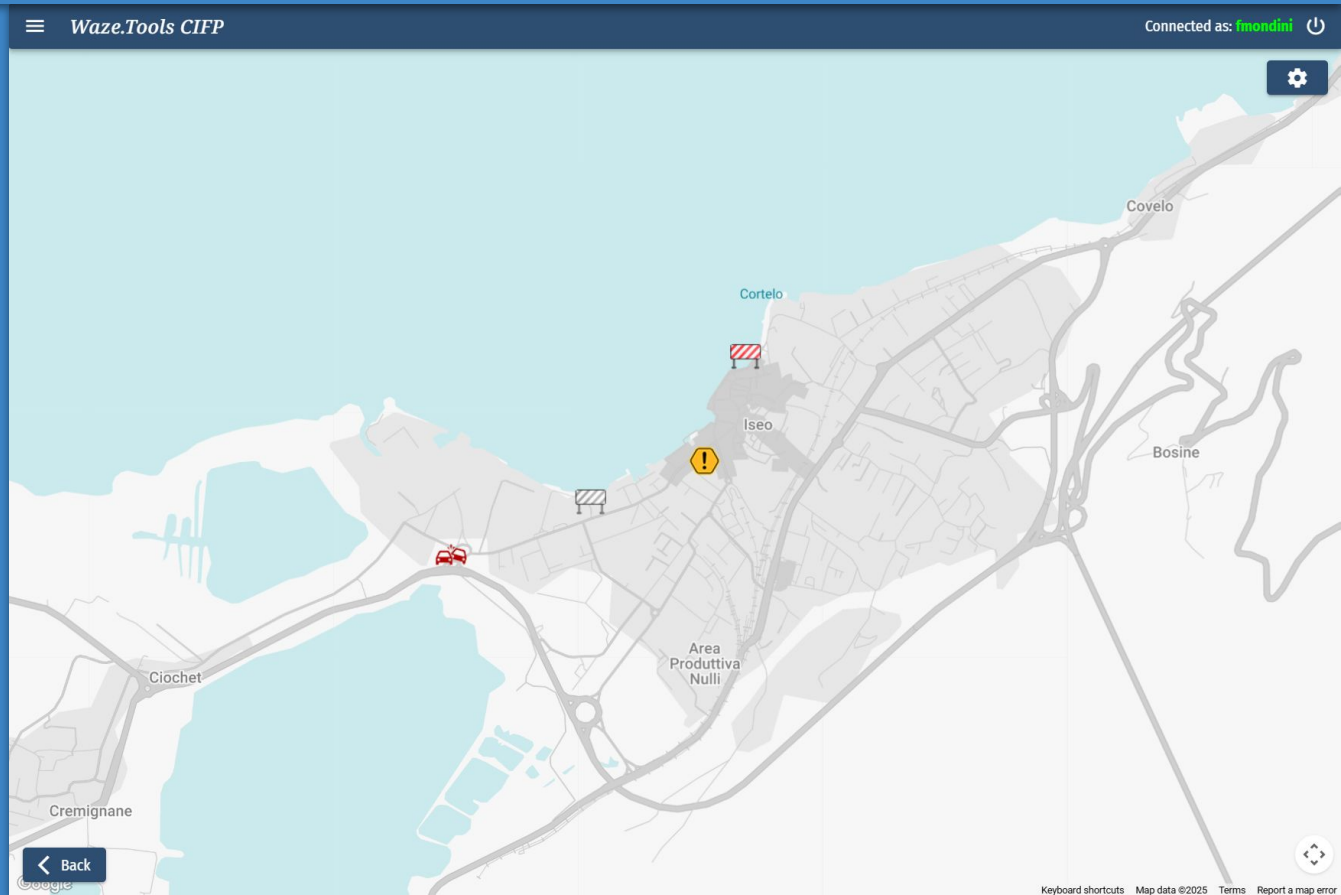
Orphan closures options

- You can filter the list based on four parameters:
- The Country
  - *This is not editable*
- The display order
  - *By location, creation date, last update, etc*
- The period
  - *This month, last month, last year, etc*
- Who created it
  - *All editors or a specific one*



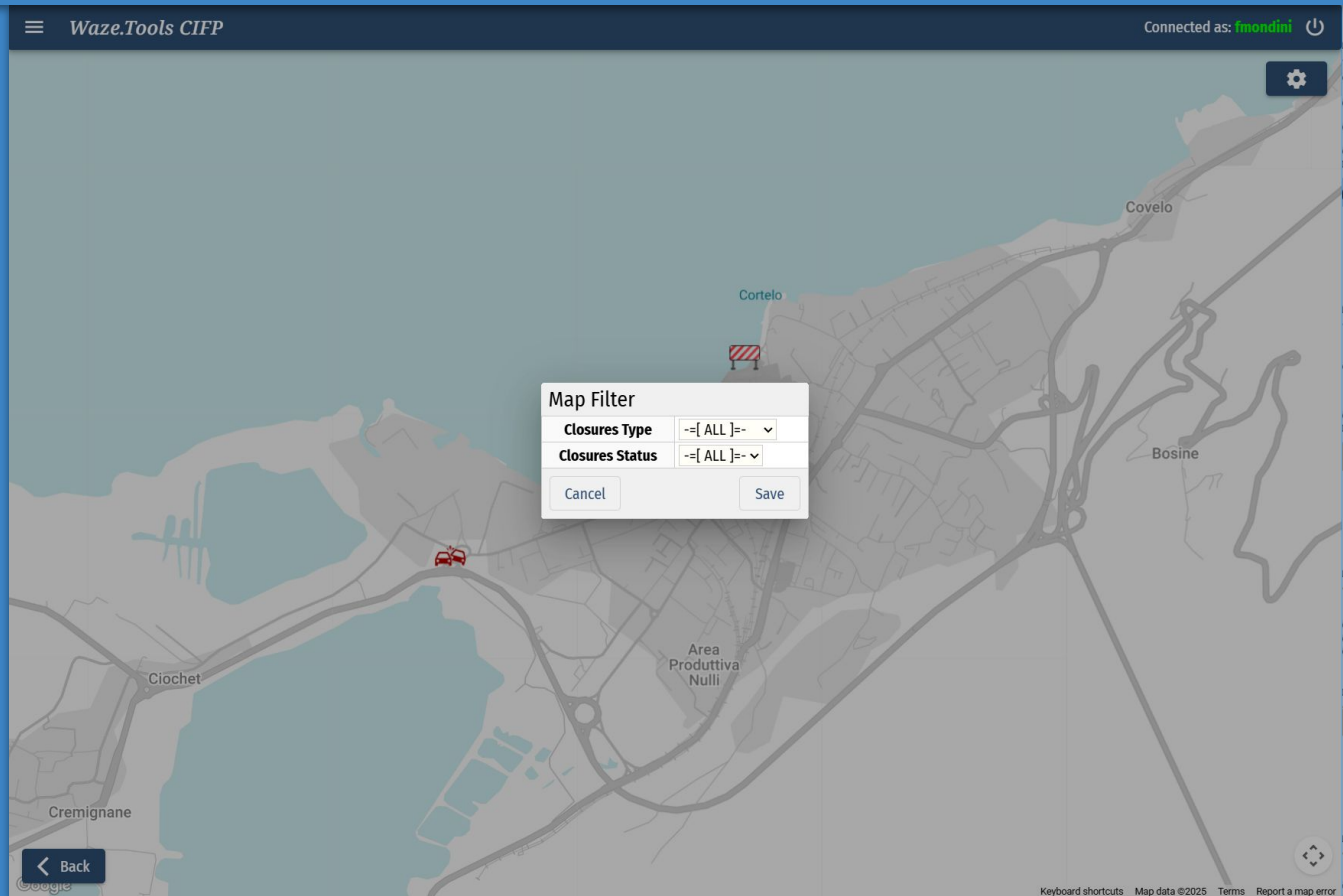
Map view

- Closures displayed on the map are identified with a different icon for each closure type
- Icon color meaning:
  - Red: active
  - Gray: paused
  - Yellow: orphaned
- By clicking on a closure icon you will be redirected to the management page for that closure



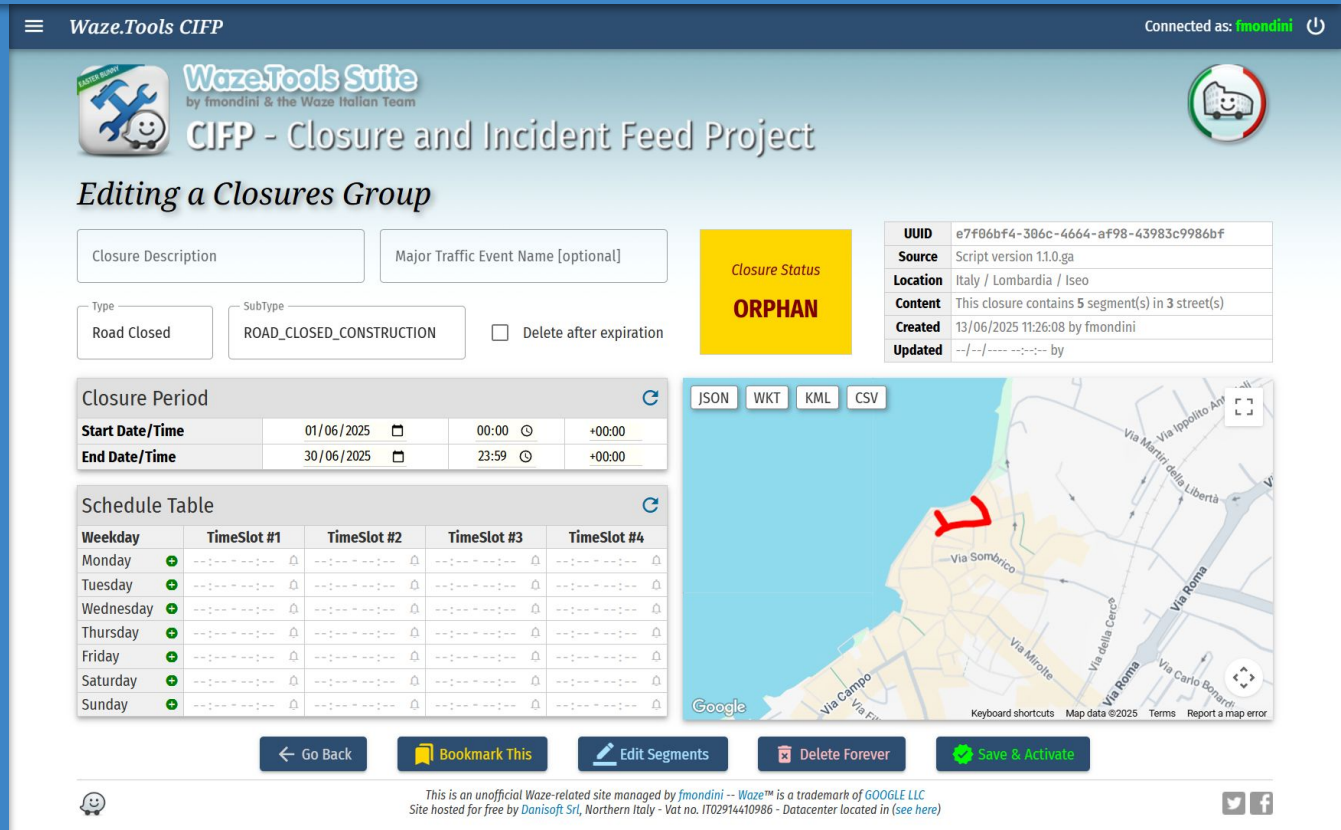
Map view options

- You can filter the icons based on two parameters:
- The closure type
  - All
  - Road closed
  - Accident
- The closure status
  - All
  - Active
  - Paused
  - Orphan



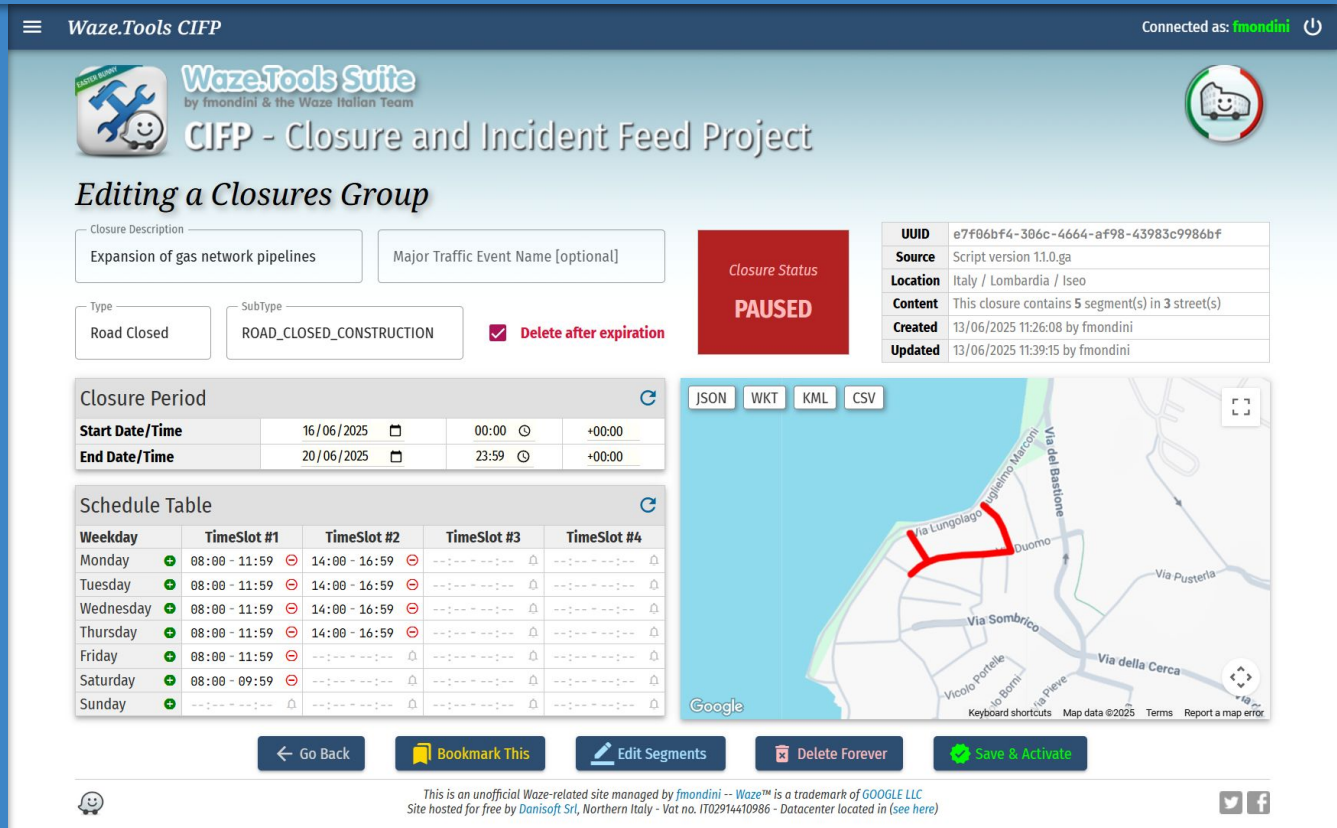
Editing an “orphan” closure

- A newly entered closure is initially in the “orphan” status
- All closures in the “orphan” status, if not modified by the end of the day, will be treated as an entry error, and deleted at 00:00 GMT
- A valid closure must have at least:
  - Description
  - Type & SubType
  - Start & End Date/Time



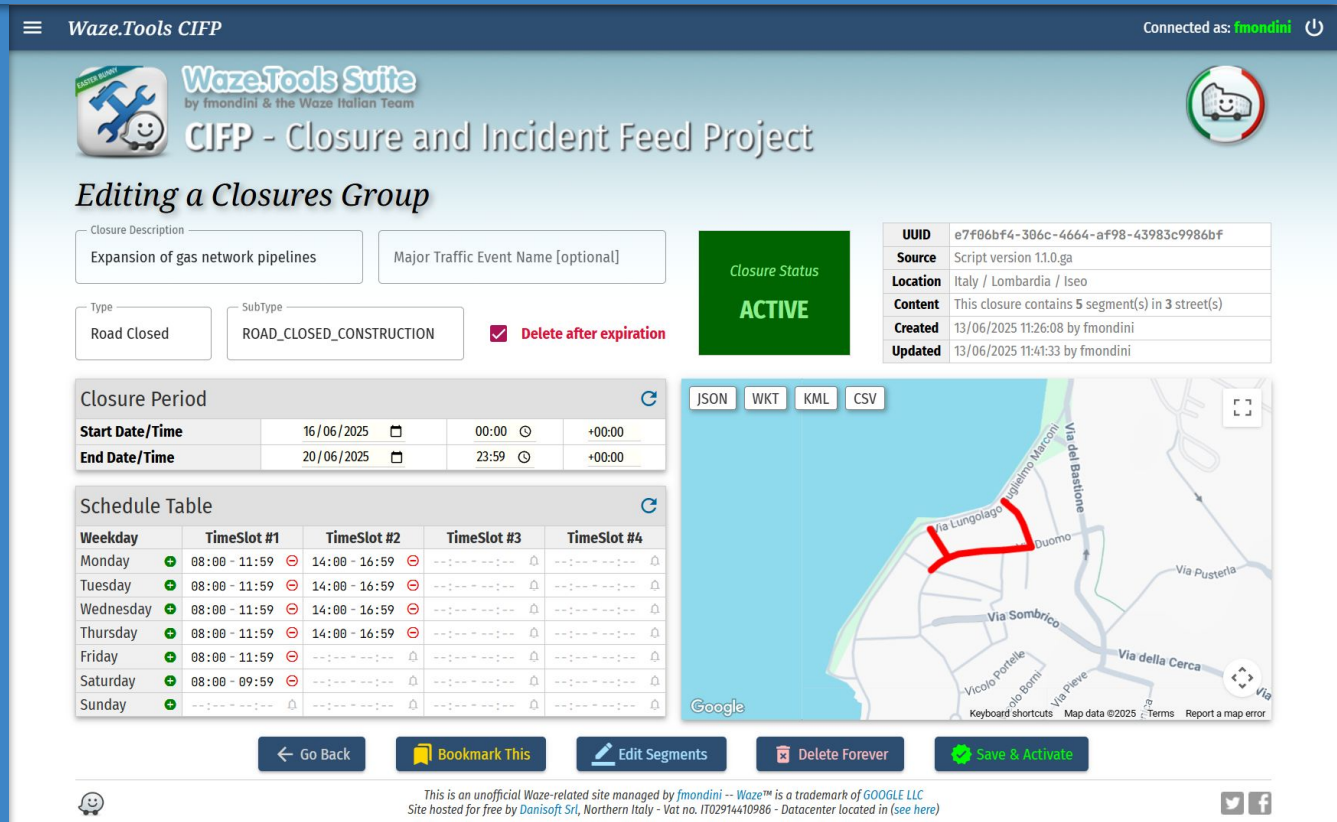
Enter all the necessary data

- As mentioned in the previous slide, you must enter all the mandatory data
- If the closure is not “continuous” over time but is fragmented into daily periods, also fill in the “Schedule Table”
- Don't forget the flag that indicates what to do with this closure when it expires.



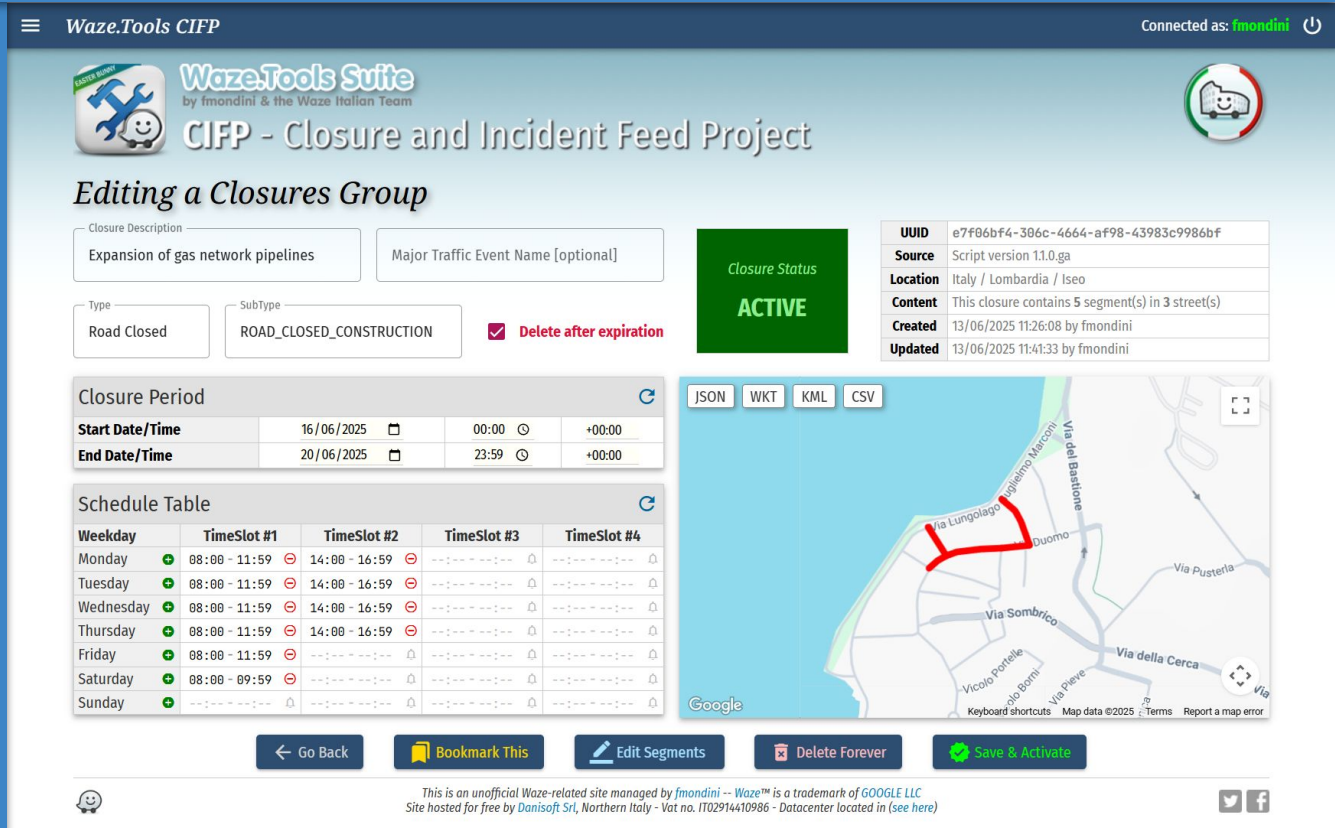
Confirm and activate the closure

- As you can see from the previous slide, each change made to the closure puts it in “paused” status to prevent partial and false closures from being published in the JSON feed
- To enable the closure and insert it in the feed simply click on the “Save & Activate” button



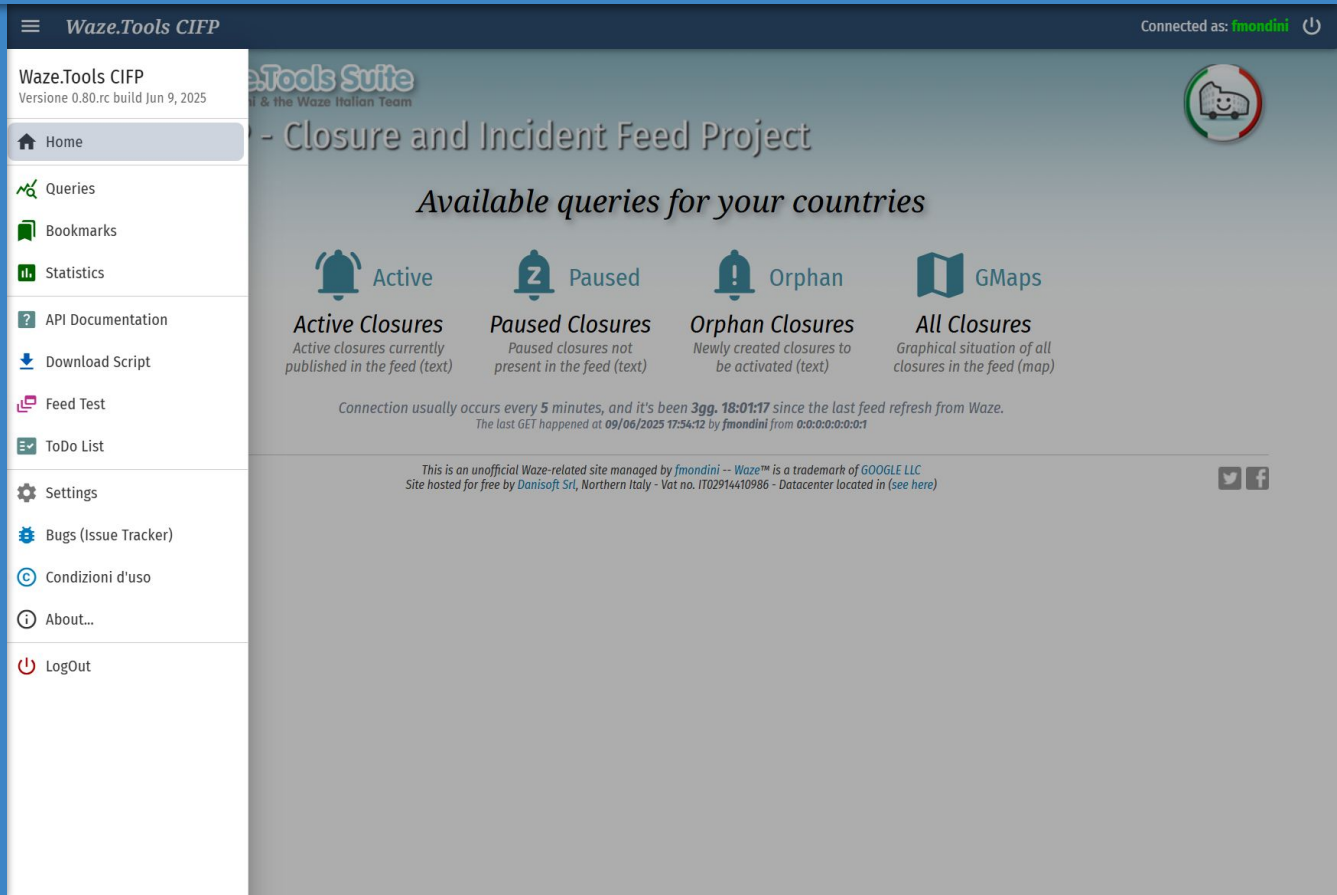
Other actions available

- As you may have noticed, there are three more buttons:
  - **Bookmark This**
    Save the closure in a list for later reference
  - **Edit Segments**
    Calls the WME with the segments of this closure pre-selected, allowing you to modify them and, once saved, update the closure on the CIFP side
  - **Delete Forever**
    Permanently remove the closure from the database and from the JSON feed



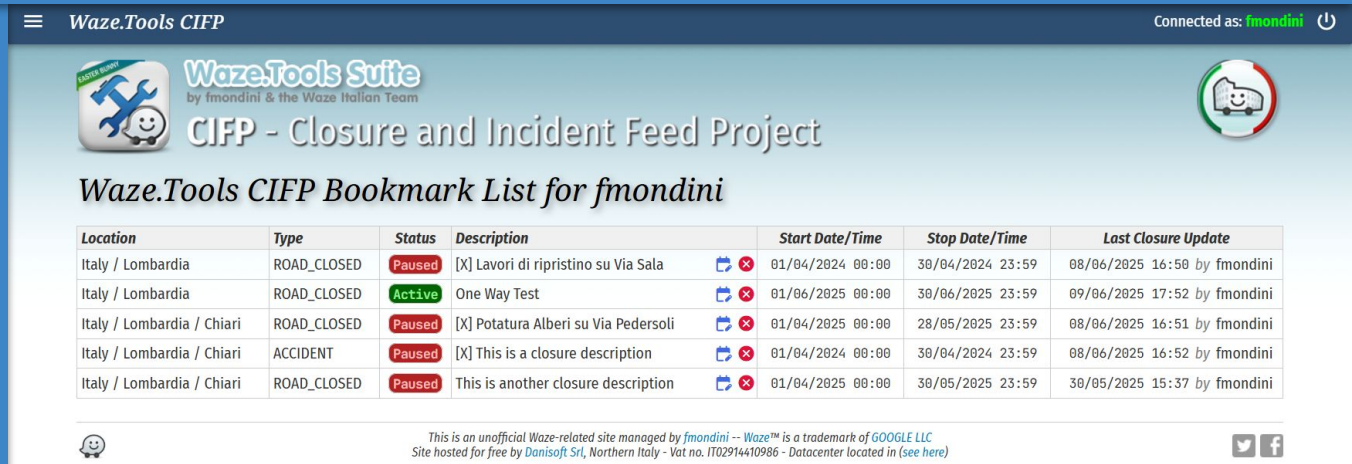
The left side menu

- By clicking on the "☰" icon at the top left, the application menu will appear
- Here you can find the link to some of the less used functions, such as:
  - Bookmarks
  - Statistics
  - API Documentation
  - General Settings
  - Issue tracker (bugs)
  - Logout



Bookmarks

- Any bookmarked closure can be quickly retrieved from here
- To the right of the description are two icons:
  - ✎ [EDIT]
    To switch to editing mode
  - □ [DELETE]
    To delete this closure from bookmarks



Statistics

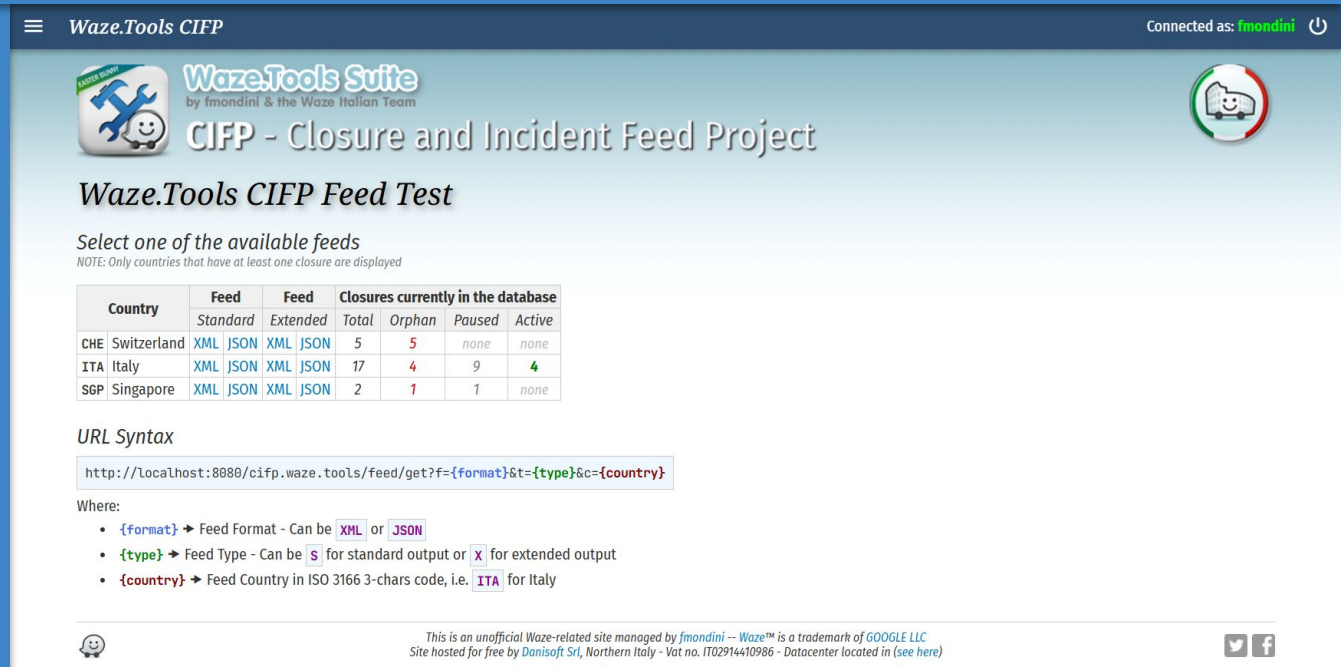
- As you can see from the image on the right, this part has not been implemented yet.
- We are still thinking about which graphs to create at the moment
- If you have any suggestions, use the issue tracker to tell us what you would like to see

API Reference

- This section contained the documentation for the website APIs
- It is currently obsolete, and will be removed soon

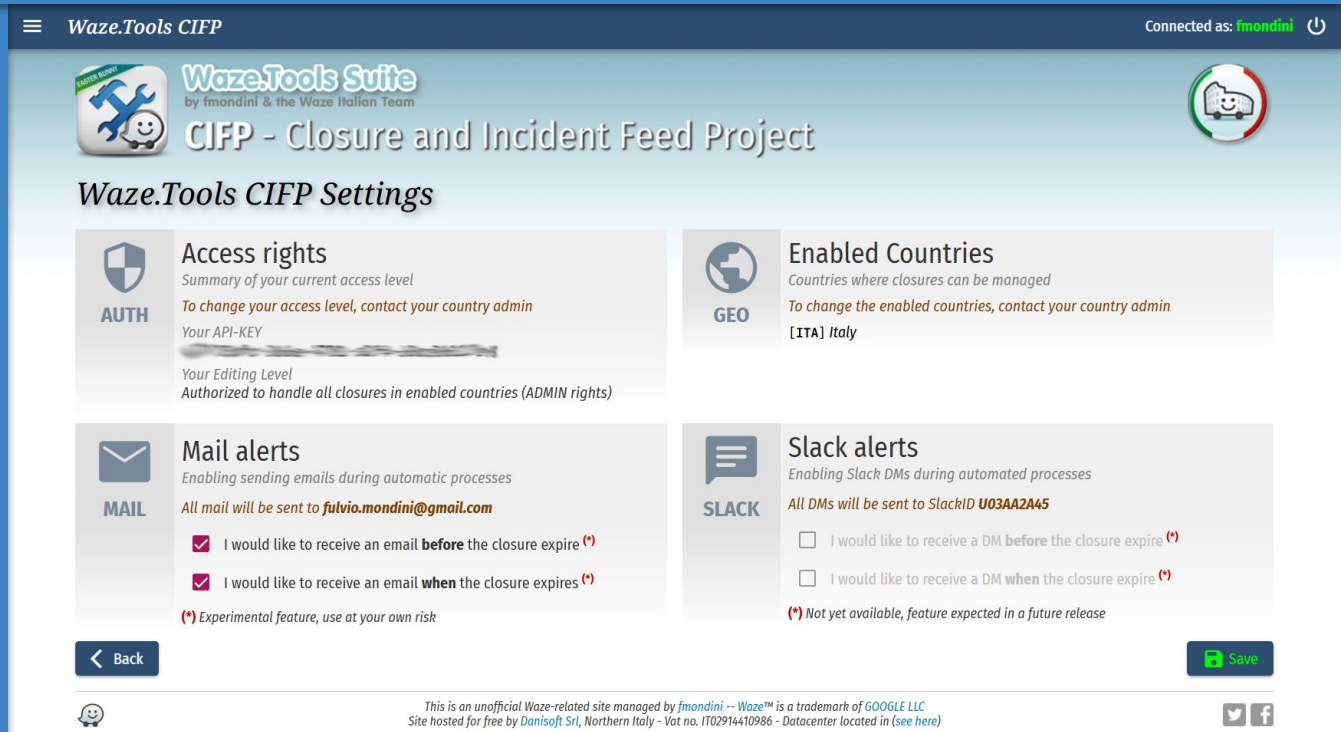
JSON Feed Test

- This section allows us to test the generation of the JSON feed of the closures
- For now it is still active, at least until the web application remains in RC (release candidate)
- When we move to GA (generally available) it will be eliminated



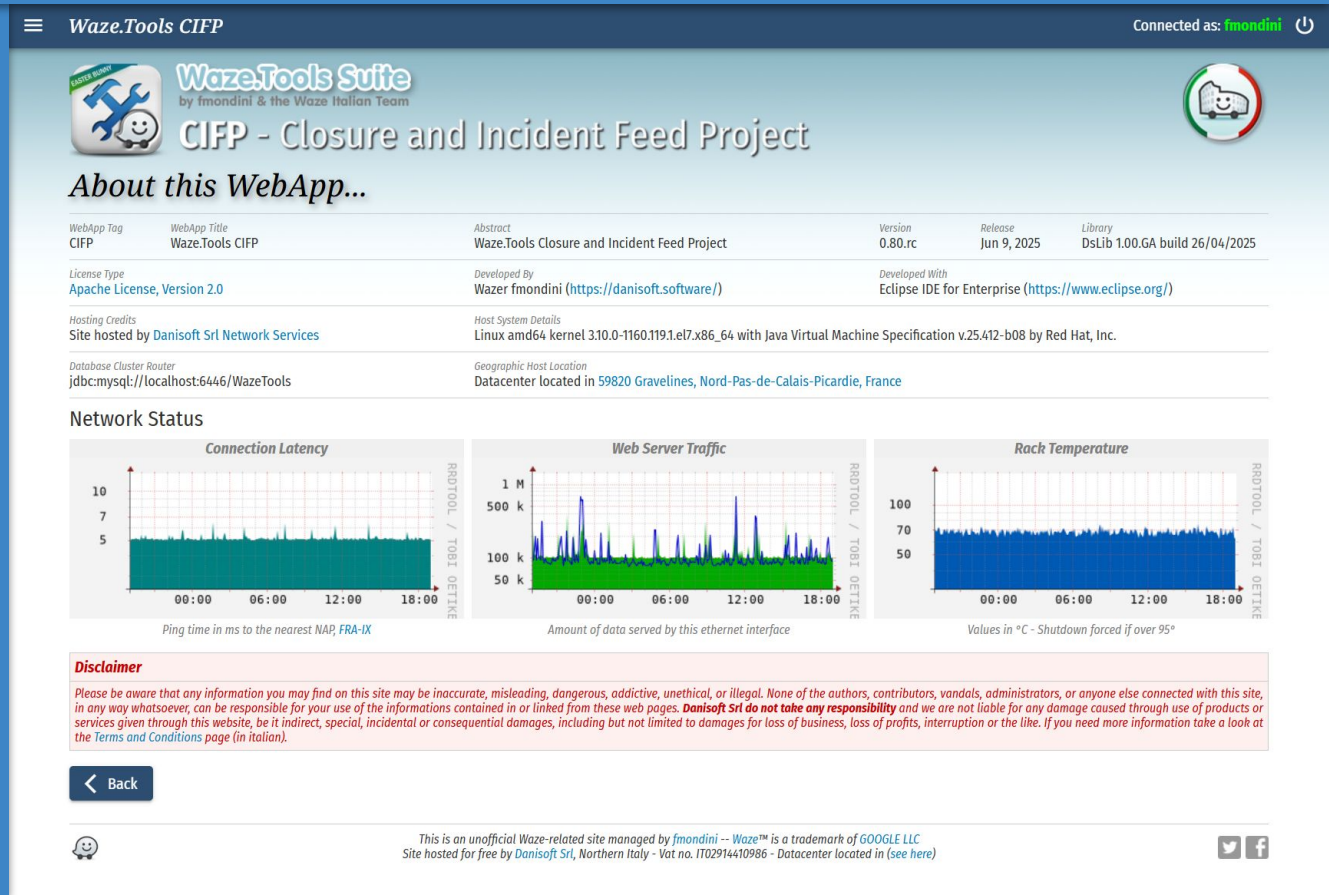
Settings

- On this page you can enable some alert functions based on the status of a closure
- Mail Alerts
  - Select if you want to receive an email before the closure expires
  - Select if you want to receive an email when the closure has expired
- Slack Alerts
  - The alert functions via Slack are not yet active



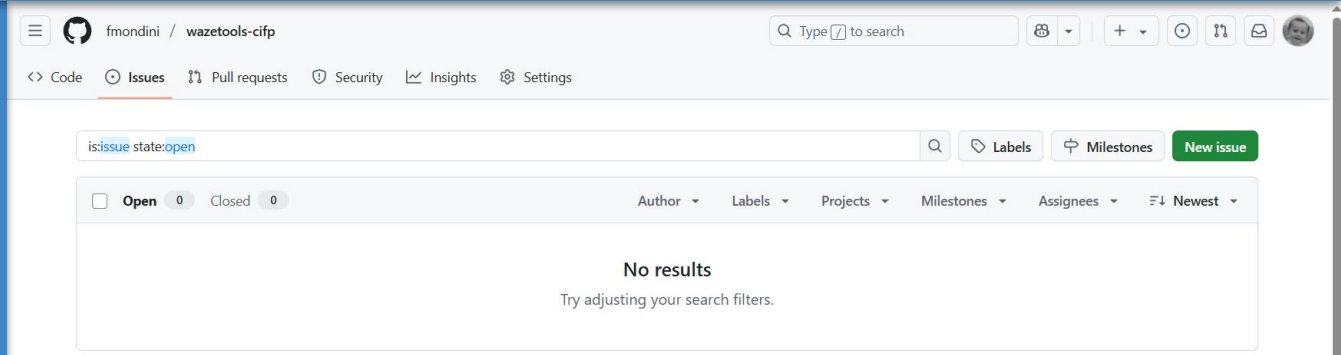
About the WebApp

- On this page you can find information about the currently active (online) **CIFP** version
- It has no purpose, and is only here for the curious ones
- At the bottom you can see graphs of the application status, such as latency to the nearest NAP, current network traffic, and rack temperature



The Issue Tracker

- If you encounter any errors in the application while using `CIFP`, open a ticket with the **GitHub** issue tracker
- To use **GitHub** you will need to have a **GitHub** account, which can be created for free
- For each new ticket the developers will be notified and, if they are not drunk yet, they will fix it. When? Soon. 😎



That's all Folks!