
Map-py Together

Collaborative mapping in OpenStreetMap



Collaborative Mapping

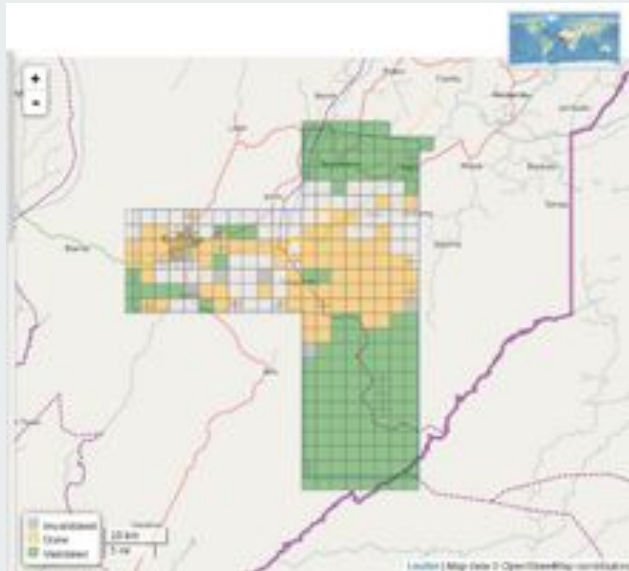
Map-py together.

The heart of the OpenStreetMap ecosystem is its collaborative mapping platform, and the people who actively contribute updates, fixes, or feedback to make a better map.





Tasking Managers



- [HOT Tasking Manager](#)
- [MapRoulette](#)
- [DAMN!](#) (Divide and Map Now!)
- [SimpleTaskManager](#)



SimpleTaskManager (STM)

Easy, Simple, Structured TM

[STM](#) is a rudimentary tasking manager that aims to be simple, structured and serve as *general purpose* tasking manager.

SimpleTaskManager (STM)

Easy, Functional, Structured.

The screenshot displays the SimpleTaskManager (STM) interface. At the top, a green header bar contains a back arrow, the text "Project: STM showcase", and a progress indicator showing "11 %". Below the header, the "Beschreibung:" section contains the text "Some sample project to show how the STM looks like." and three tabs: "Aufgaben", "Benutzer", and "Einstellungen". The "Aufgaben" tab is active, showing "Task 18" with a score of "0 / 10" and buttons for "Speichern" and "Fertig". Below this, there are two buttons: "In JOSM öffnen" and "In ID öffnen". The "Aufgaben" section features a list of tasks, each with a progress indicator (e.g., "0 (0 / 10)", "1 (0 / 10)", "10 (0 / 10)", "12 (0 / 10)", "13 (0 / 10)", "14 (0 / 10)", "15 (7 / 10)", "17 (0 / 10)", "18 (0 / 10)"). To the right of the task list is a map view showing a city grid with various colored overlays (green, red, orange, brown) and percentage indicators (e.g., "70%", "20%", "0%"). The map includes labels for streets and landmarks like "Gänsemarkt (Oper)", "FERTIO", "Neustadt", "Stadthausbrücke", "Rodingsmarkt", "Nakelbrücke", "Melberg", "Oberbaumbrücke", and "Quartier Prokorka". The bottom right corner of the map view includes the text "© OpenStreetMap contributors".



Creating a Project in STM

STM projects may be used for working online collaboratively, or for assigning areas when doing field work.

Properties Tasks Import Remote

Properties:

Name:

Max. points per task:

Description:

A collaborative mapping project in Taytay, to map old buildings and local heritage with history enthusiasts and mapping buffs.



Properties **Tasks** Import Remote

Tasks: 1 / 1000

0

Properties:

Name: 0

Subdivide:

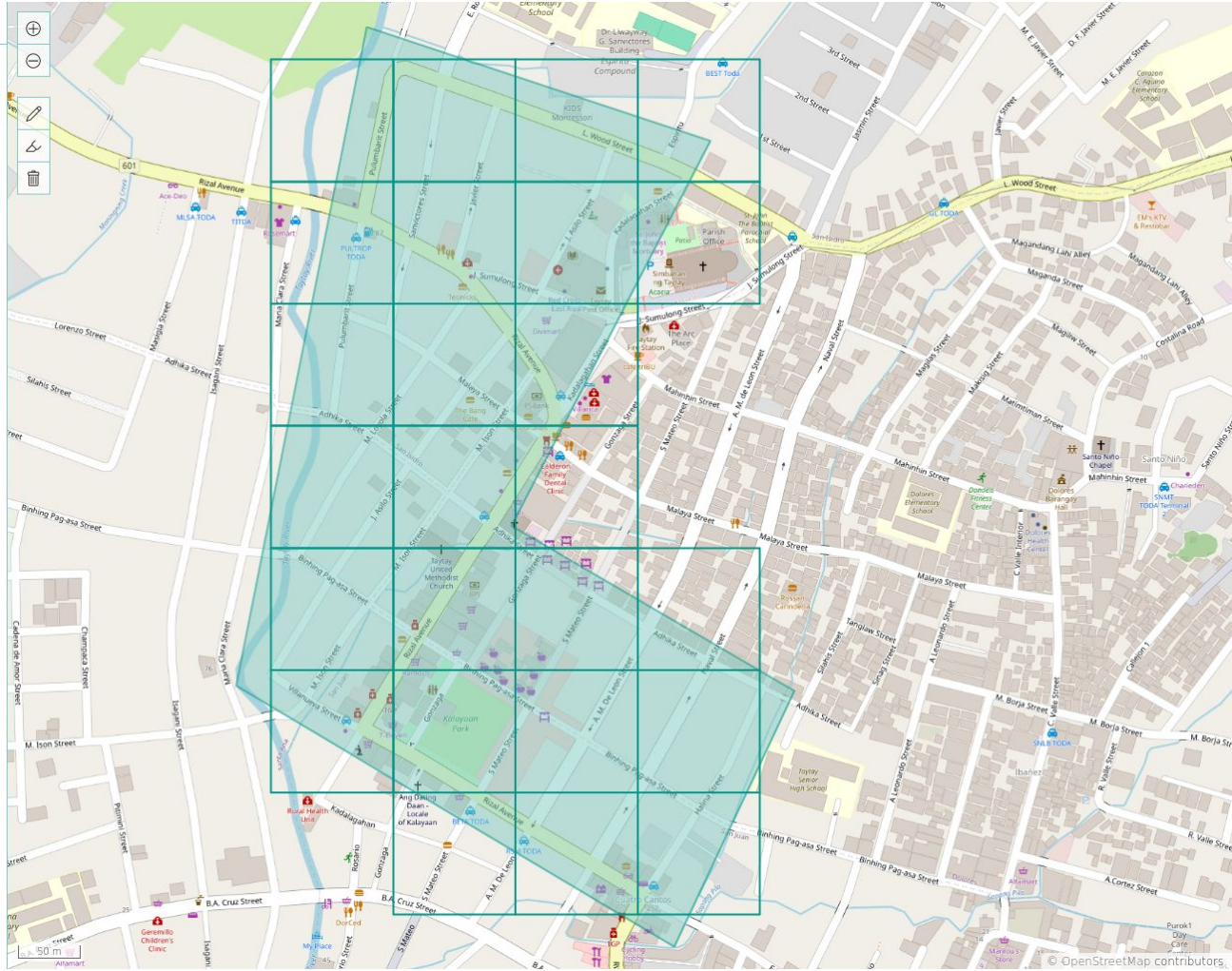
This divides the selected task into smaller tasks of the selected shape and size.

Shape size: 100 meters

Shape: square

Preview Divide

☑ You will have 25 tasks in total.



Properties **Tasks** Import Remote

Tasks: 1 / 1000

0

Properties:

Name: 0

Subdivide:

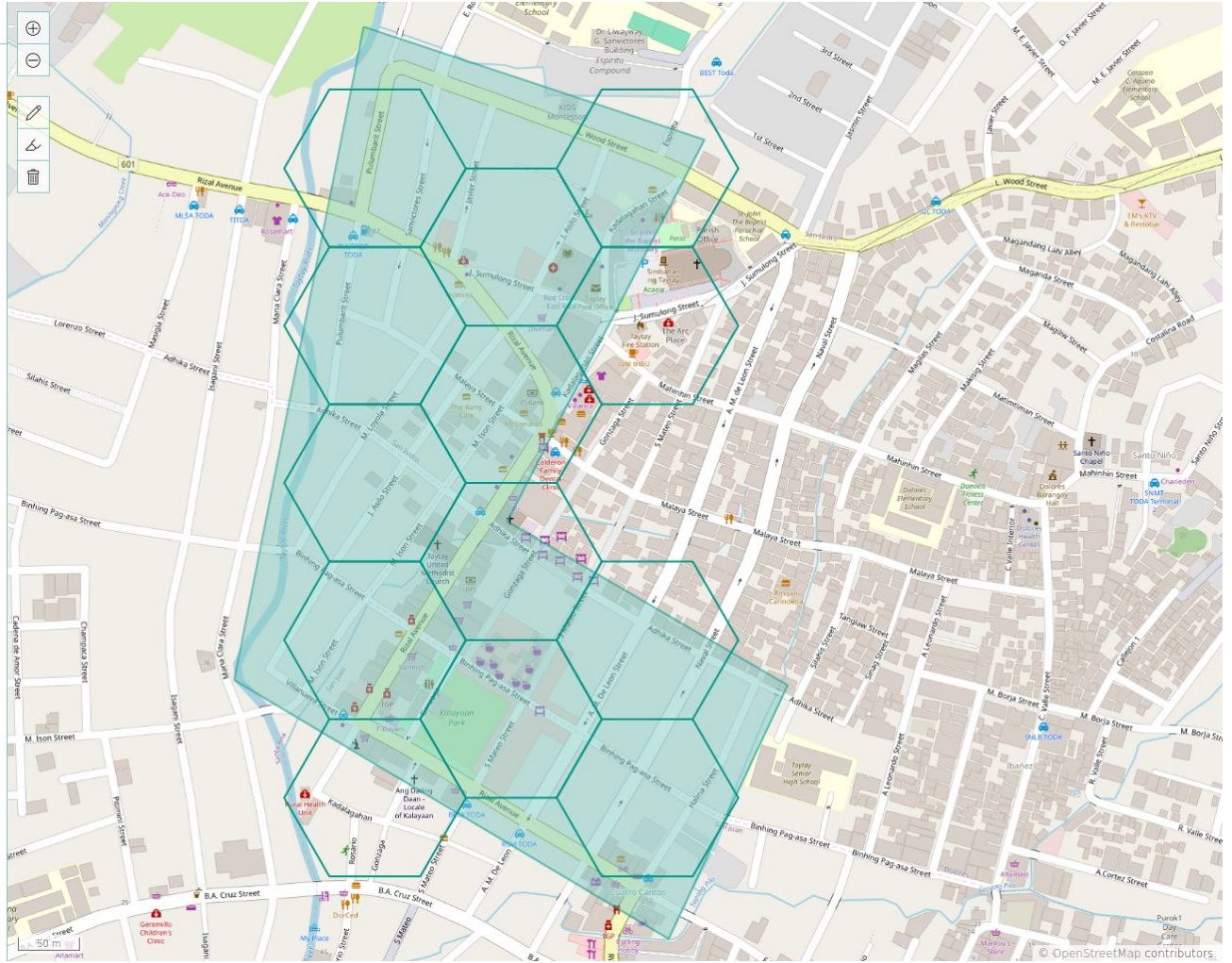
This divides the selected task into smaller tasks of the selected shape and size.

Shape size: 75 meters

Shape: hexagon

Preview Divide

☑ You will have 13 tasks in total.



Tasks: 46 / 1000

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Properties:

Name: 0

Subdivide:

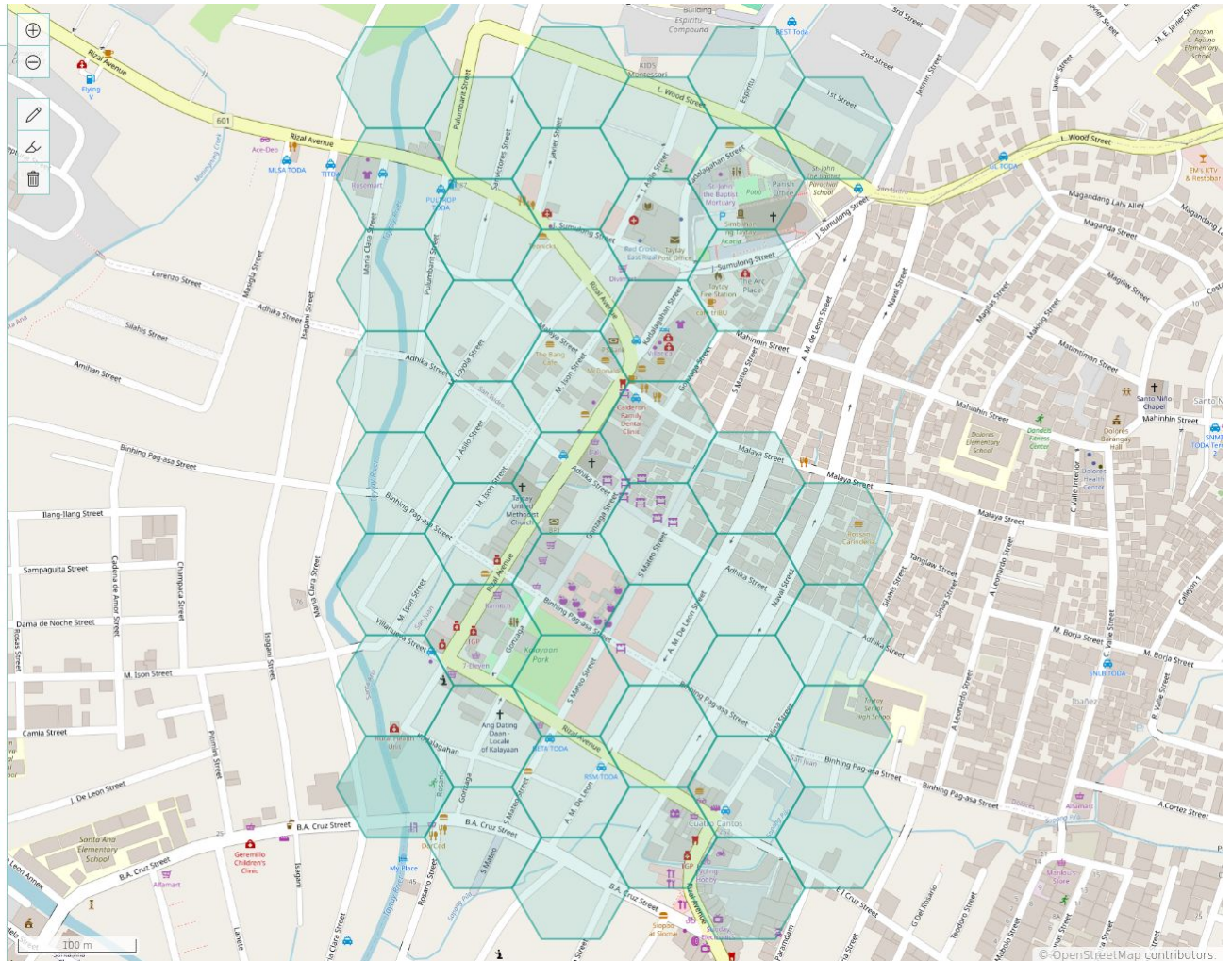
This divides the selected task into smaller tasks of the selected shape and size.

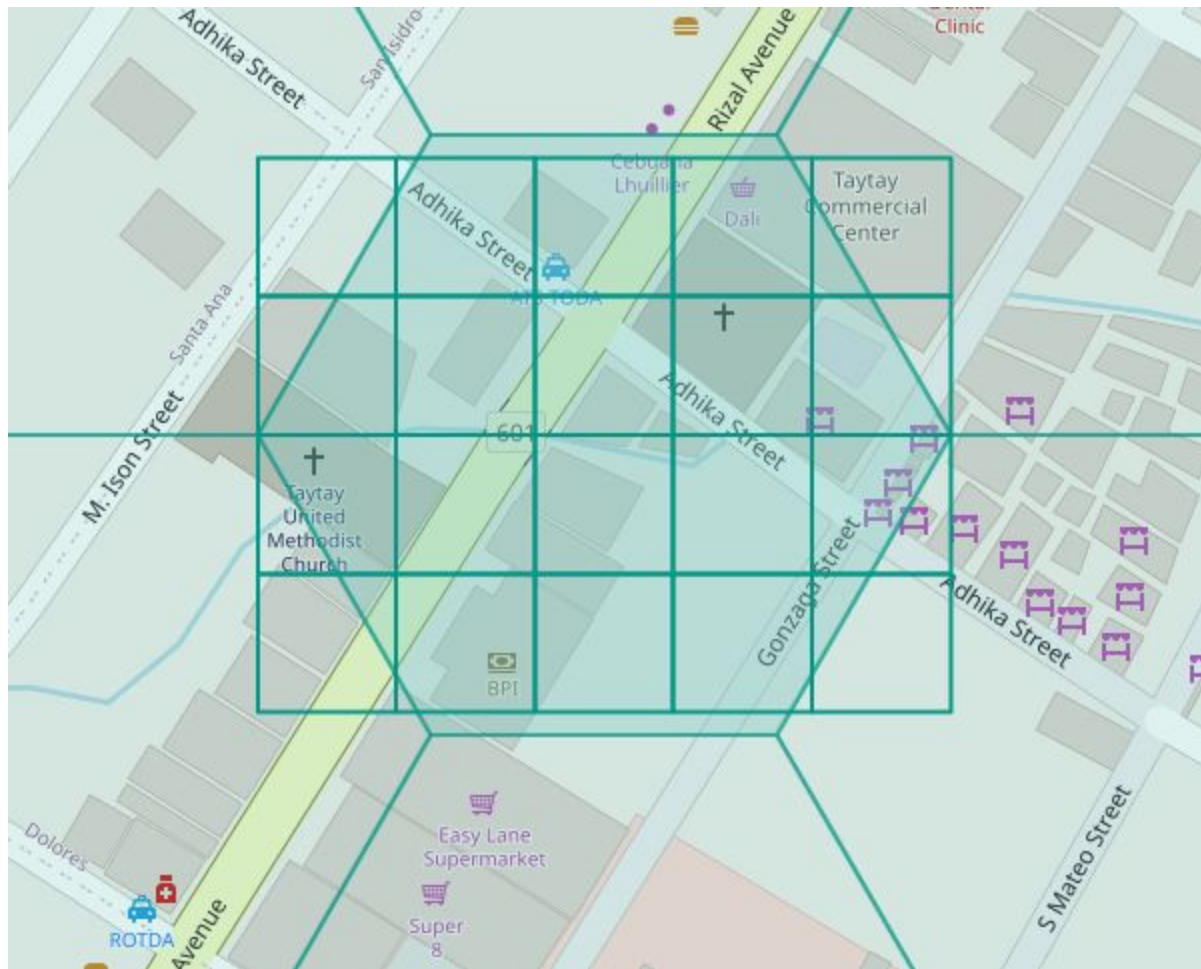
Shape size: 1000 meters

Shape: square

Preview Divide

✓ You will have 45 tasks in total.





Properties Tasks **Import** Remote

Upload:

Upload a GeoJSON, OSM-XML, GPX, Esrijson, KML or WKT file, which contains polygons. Each polygon will result in a single task.

Upload file

Import:

Import an existing project from your computer. Existing properties will be overwritten.

Upload project

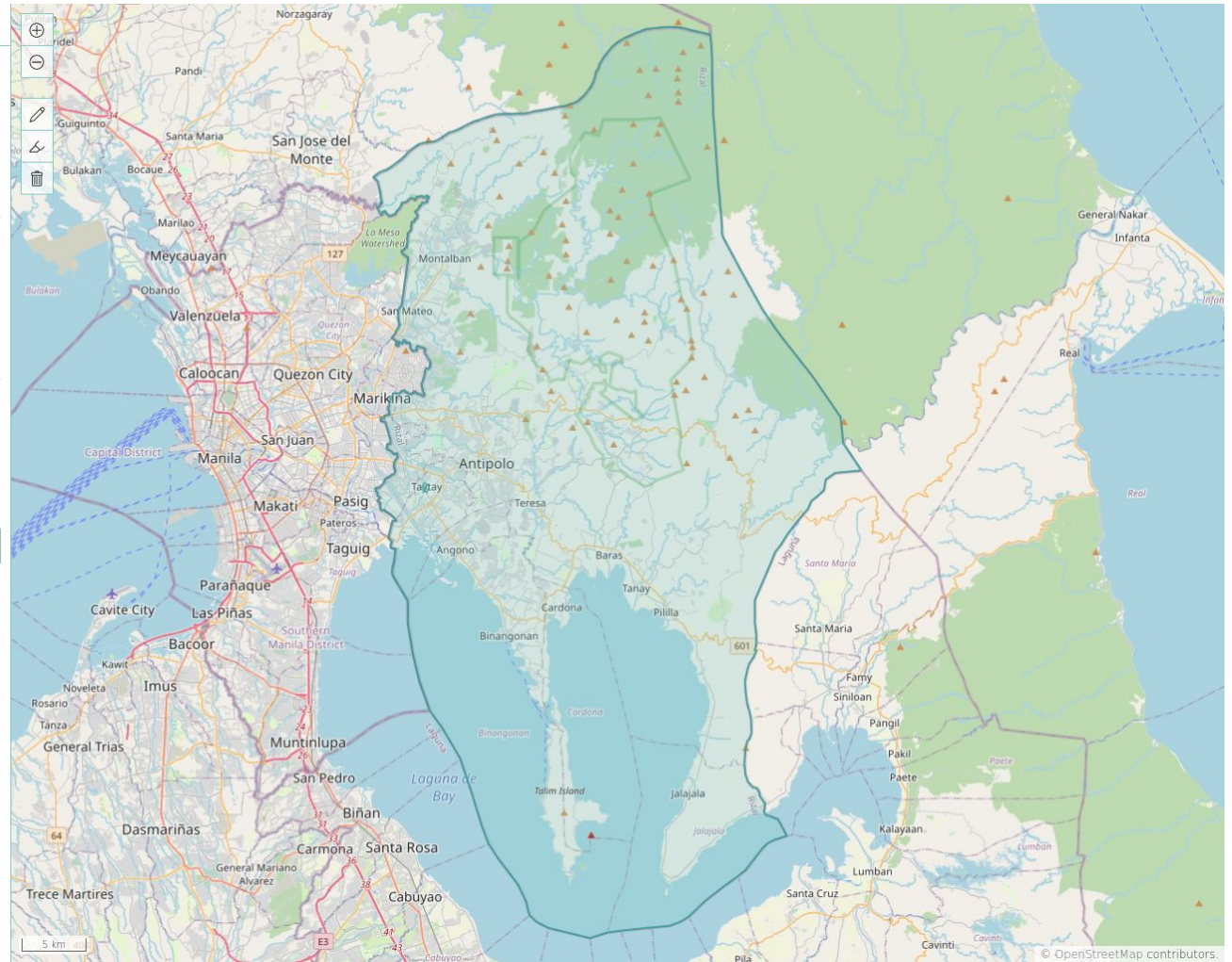
Copy:

Copy and import an existing project you are a member of.

Available projects:

Rizal StreetCap #1, 11/12

Import



Tasks:

223 / 1000

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Properties:

Name:

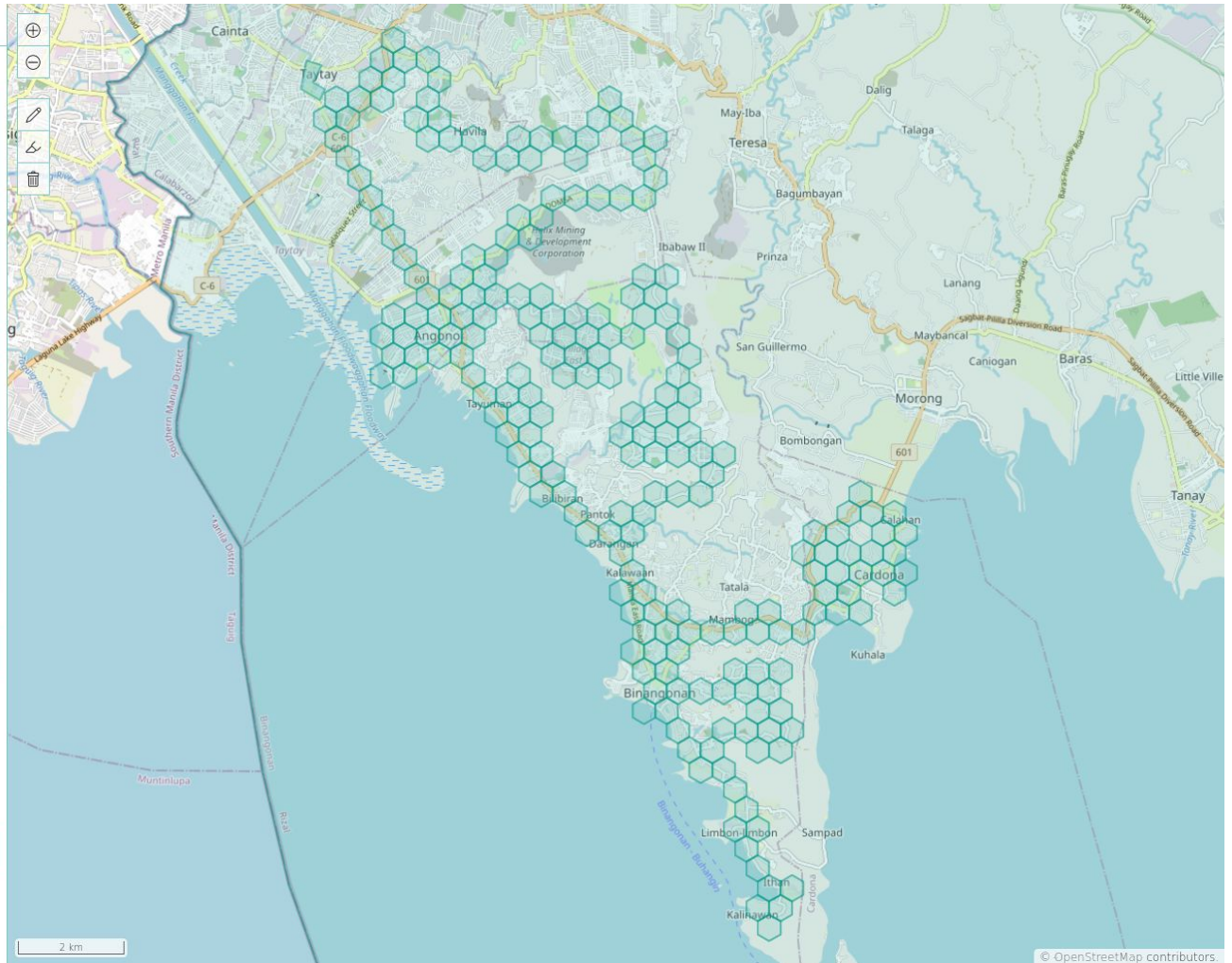
Subdivide:

This divides the selected task into smaller tasks of the selected shape and size.

Shape size: meters

Shape:

You will have 222 tasks in total.



Description:

Taytay Cultural Mapping Project

Tasks User Settings

Task 38

Points: 0 / 100

Save Done

Open in JOSM

Open in iD

Tasks:

0 (0 / 100)

1 (0 / 100)

10 (0 / 100)

11 (0 / 100)

12 (0 / 100)

13 (0 / 100)

14 (0 / 100)

15 (0 / 100)

16 (0 / 100)

17 (0 / 100)

18 (0 / 100)

19 (0 / 100)

2 (0 / 100)

21 (0 / 100)

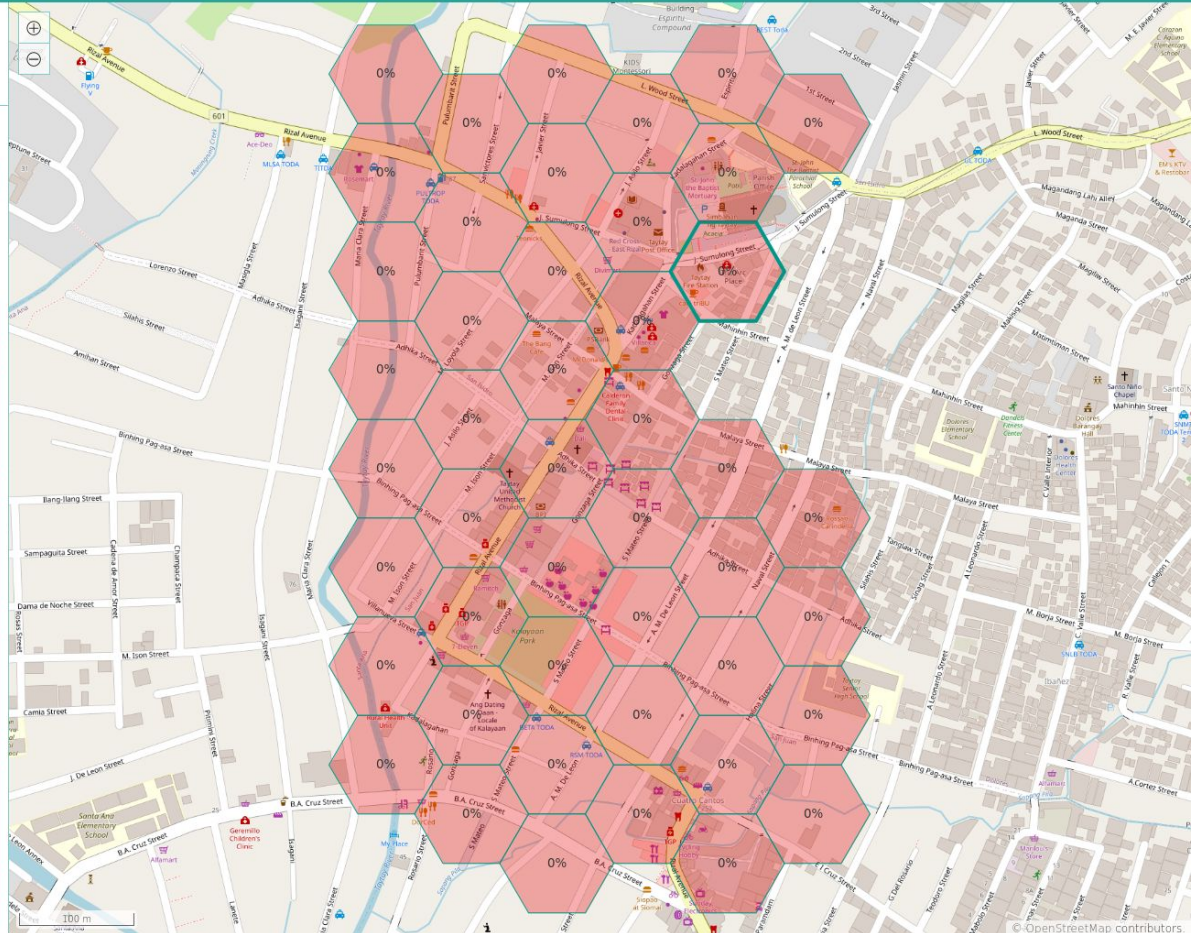
22 (0 / 100)

23 (0 / 100)

24 (0 / 100)

25 (0 / 100)

26 (0 / 100)





Inviting others, using their OSM handle.

Description:

Taytay Cultural Mapping Project

Tasks

User

Settings

Users:

Invite

GOWin

Rally

Remove

u!M09

Remove

Description:

Taytay Cultural Mapping Project

Tasks User Settings

Task 6

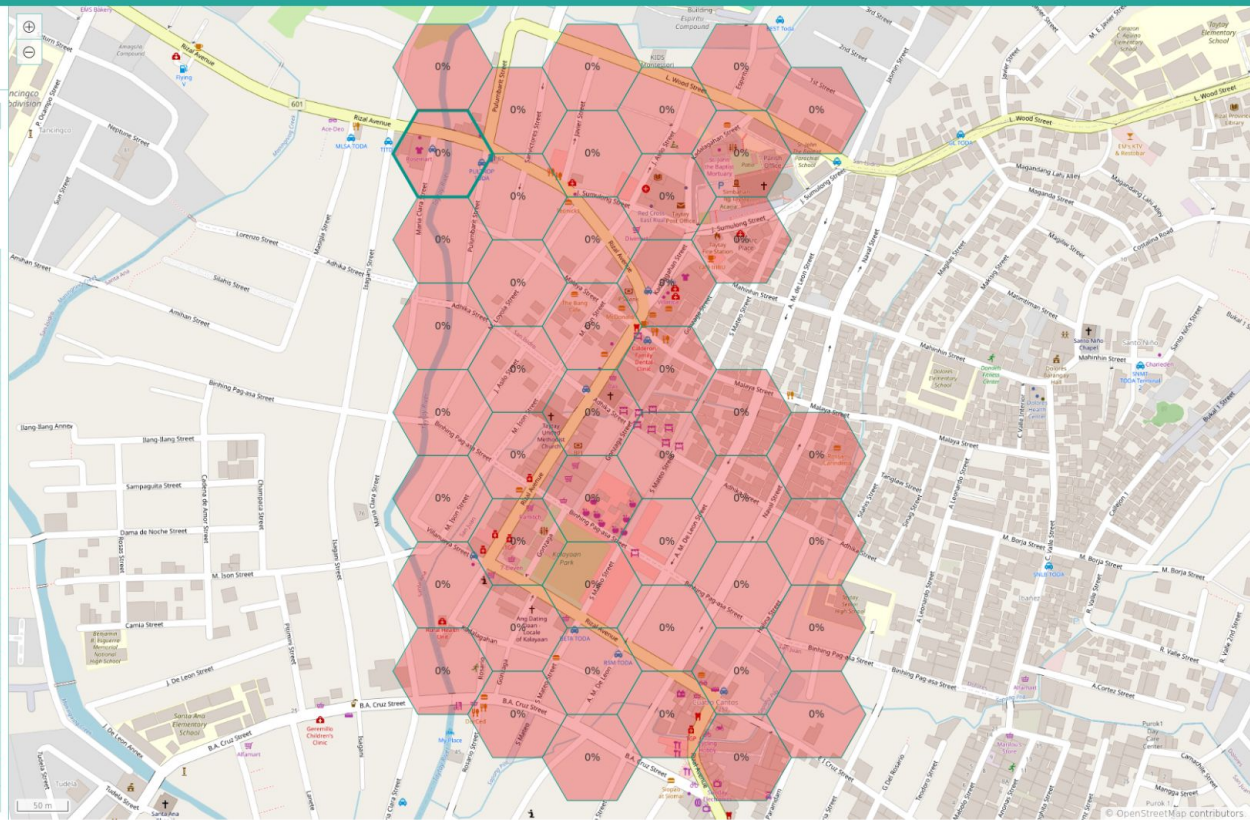
Assign to me

Points: 0 / 100

Open in JOSM Open in iD

Tasks:

- 0 (0 / 100)
- 1 (0 / 100)
- 10 (0 / 100)
- 11 (0 / 100)
- 12 (0 / 100)
- 13 (0 / 100)
- 14 (0 / 100)
- 15 (0 / 100)
- 16 (0 / 100)
- 17 (0 / 100)
- 18 (0 / 100)
- 19 (0 / 100)
- 2 (0 / 100)
- 21 (0 / 100)
- 22 (0 / 100)
- 23 (0 / 100)
- 24 (0 / 100)
- 25 (0 / 100)
- 26 (0 / 100)
- 27 (0 / 100)
- 28 (0 / 100)



Selecting a Task

Description:

Taytay Cultural Mapping Project

Tasks User Settings

Task 23

Assign to me

Points: 90 / 100

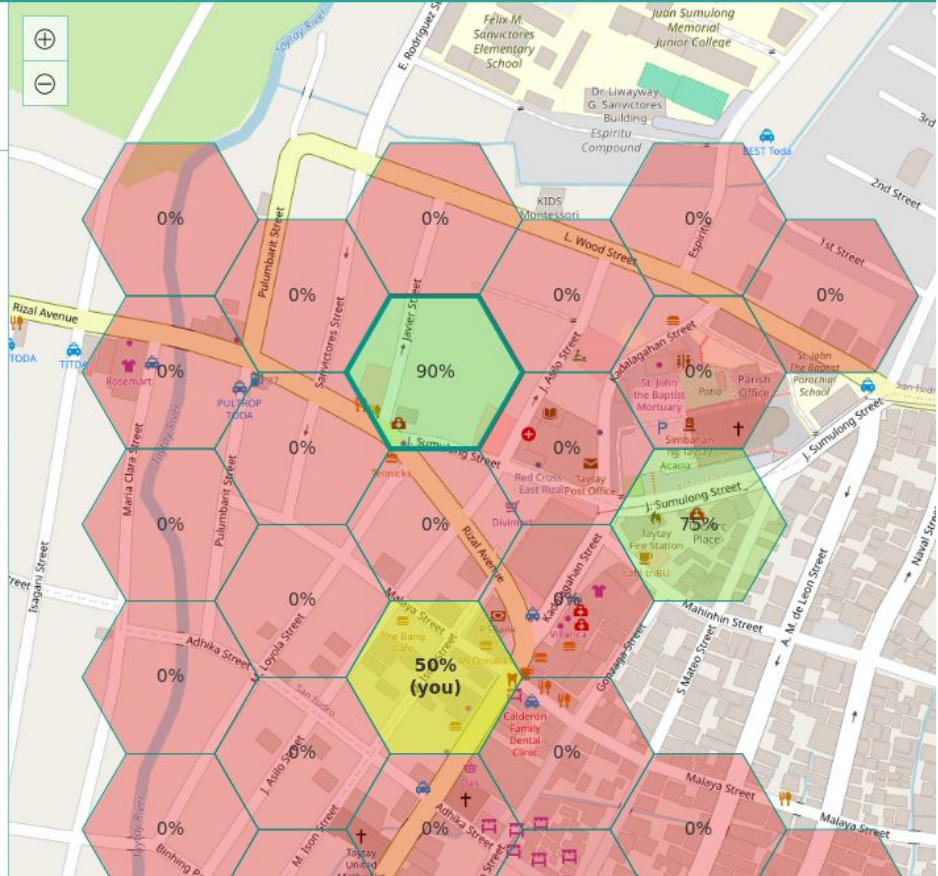
Open in JOSM

Open in iD

Tasks:

0 (0 / 100)
1 (0 / 100)
10 (0 / 100)
11 (0 / 100)
12 (0 / 100)
13 (0 / 100)
14 (0 / 100)
15 (0 / 100)
16 (90 / 100)



Setting a completion rate.





Editing with your iD, or JOSM

Projects:

Rizal StreetCap #1, 11/12	(4583 / 18400)	25 % 	*
Taytay	(305 / 4600)	7 % 	*

* you own this project

[Create project](#)[Import project](#)

The STM dashboard



Pros & Cons of STM

Pros

- Simple, functional. Easy on-boarding.
- Flexible. May be used as a micro-tasking manager, or assigning areas for field collection parties.
- You can create projects without having to run your own server.
- Great for small teams, with OSM experience

Cons

- Small set of management tools
- No built-in metrics
- Less polished feel.



Sources

- Some of the images used in this deck were from OSM Wiki
- All of the screenshots were taken by myself.
- For additional information about STM:
 - Project: <https://github.com/hauke96/simple-task-manager>
 - Server: <https://stm.hauke-stieler.de>
 - Users Guide: <https://osm.org/wiki/SimpleTaskManager>