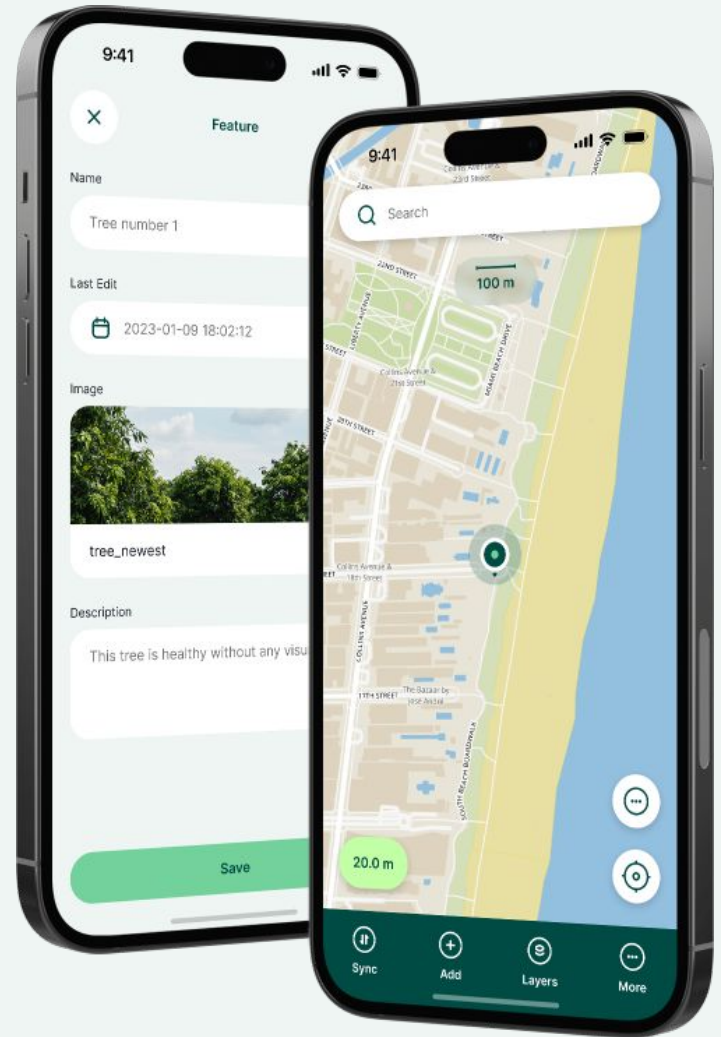
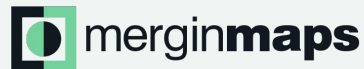


# Mergin Maps



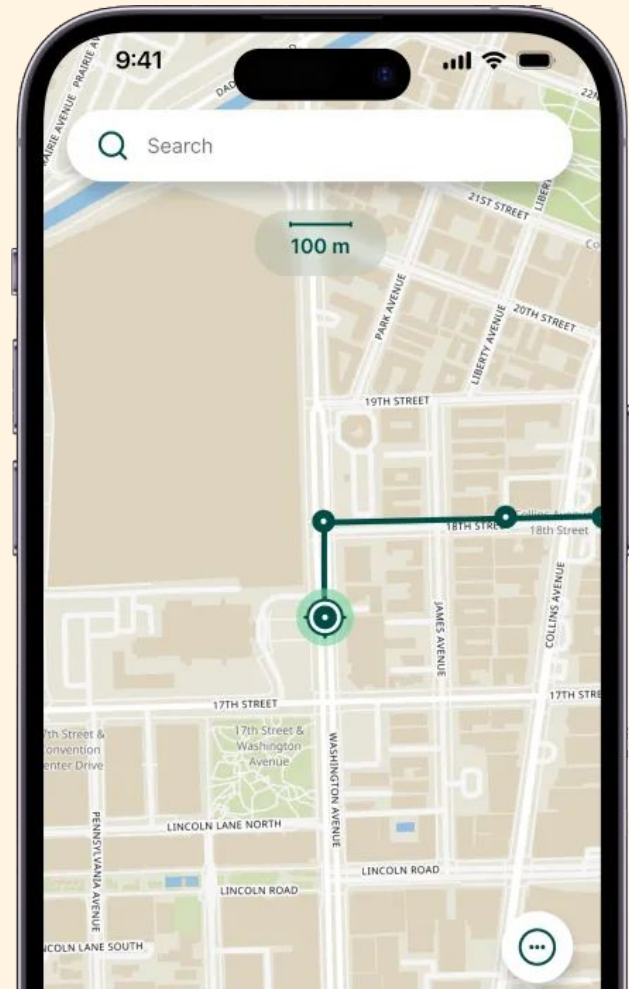
# Collect. Share. Publish.

Record geospatial field data on your mobile device with ease. Collaborate with your team using instant sync with QGIS.



# Collect precise vector data in the field

- Points
- Lines
- Polygons



# Easy data collection with customisable forms

- Field types
- Attach pictures
- Skip logic
- Auto-calculate values

A smartphone screen displaying a data collection form titled 'Feature'. The form has a light gray background and rounded corners. At the top, there is a status bar with the time '9:41', signal strength, Wi-Fi, and battery icons. The form fields are as follows: 1. 'Name' field: A white rounded rectangle containing the text 'Tree number 1'. 2. 'Last Edit' field: A white rounded rectangle containing a calendar icon and the timestamp '2023-01-09 18:02:12'. 3. 'Image' field: A white rounded rectangle containing a photograph of green trees. In the top right corner of the image is a red 'Remove' button. Below the image is the text 'tree\_newest'. 4. 'Description' field: A white rounded rectangle containing the text 'This tree is healthy without any visual defects.' The form is set against a solid blue background.

# See detailed history with data versioning

- See history of points
- Compare individual changes
- Edit collaboratively



## Latest Changes

- Updated 43 seconds ago (version 567 by Martin)
  - 4 added, 2 removed features
  - 3 new pictures
- Updated 15 minutes ago (version 566 by Peter)
  - 10 updated features
- Updated 22 minutes ago (version 565 by Jan)
  - 3 removed features
  - 3 removed pictures

## ● QGIS integration

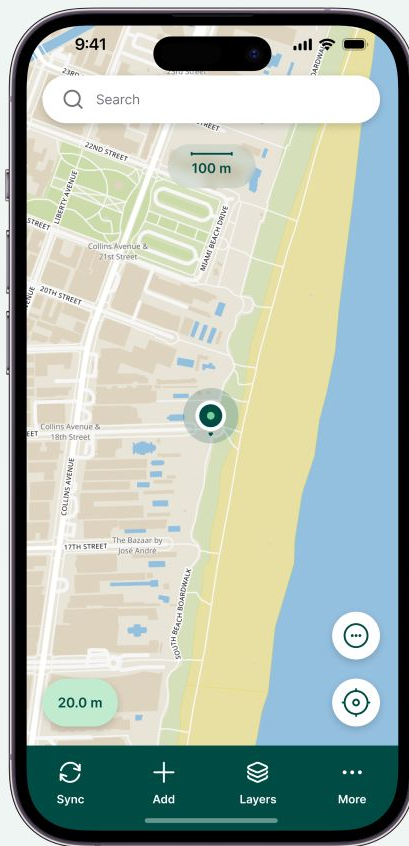
Set up your layer styling & forms, download & upload data directly from QGIS

## ● Mobile forms

On-the-fly validation of data including logic and constraints. Relations between spatial/non-spatial data.

## ● Data versioning

All the changes to your spatial data is tracked and versioned. You have full access to your data history.



## ● External GPS receivers

Connect GPS receivers to gain more accurate accuracy.

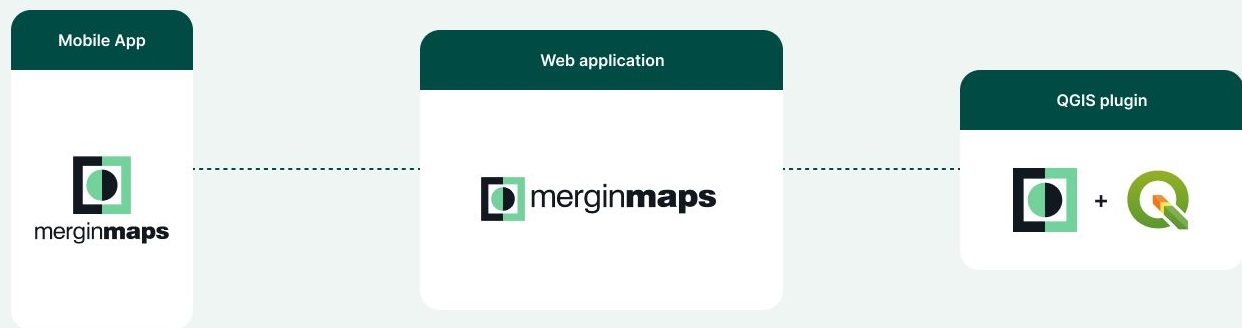
## ● Collaborate

Collect and edit data collaboratively with your colleagues online or offline.

## ● Ease of use

Using the app is easy and you do not need to read the manual. Leave complicated set up with project admin!

# Mergin Maps ecosystem



## ● Mobile app

Capture data with ease on your mobile/tablet devices.

## ● Web application

Manage your projects, who access to your data and view change logs.

## ● QGIS plugin

Use the plugin to set up complex projects, design forms, upload and download data.

# Trusted by more than 600 companies





# 2024 in Mergin Maps



Crafting your workspace:  
let us know your industry

Archaeology

9:41  
P  
patrikmizera  
patrik.mizera@ultraconsulting.co.uk

Workspaces

Patrik Mizera  
Owner

Manage account  
Professional v2 (10GB)

Storage  
120.6 MB / 1.8 GB

General

Sign out

Close account  
This will delete all your data

9:41

Archaeology



7 8  
14 15 16 17  
21 22 23 24 25 26  
28 29 30  
11:38:23  
Time Confirm

9:41

Home

Text value

Currently open

input-testing/tc08\_issue\_1547  
Found multiple QGIS project files  
Synchronising...

Recently updated

input-testing/tc08\_issue\_1547  
Found multiple QGIS project files

Downloaded projects

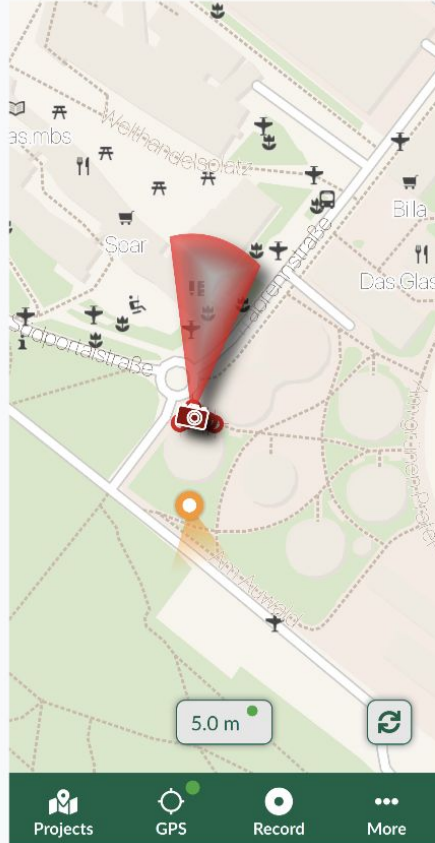
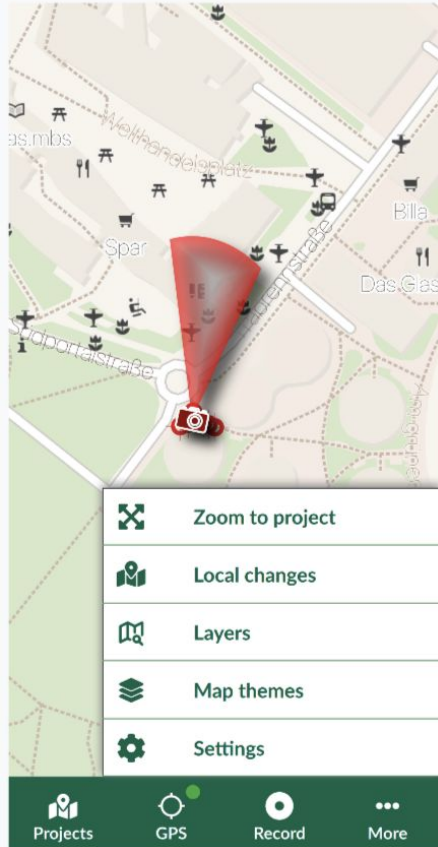
Patrik Mizera/bakalarka  
Failed to find a QGIS project file

Projects

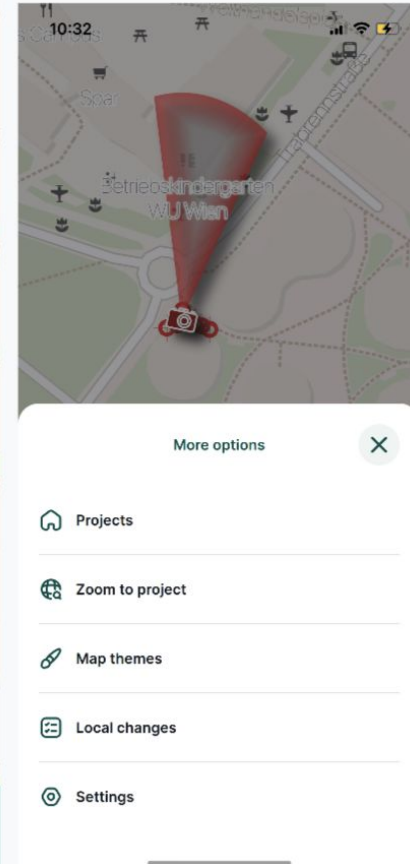
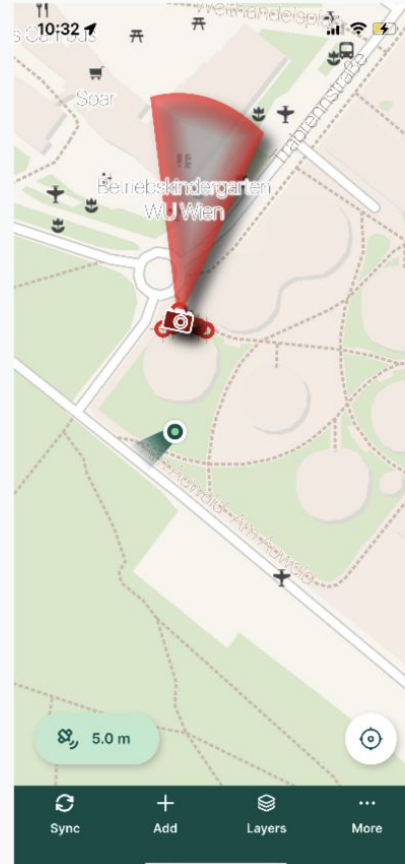
Explore

# toolbar and map buttons

## Old



## New



# forms

## Old

<

Feature

Tree info

Other info

Enter the tree species

Balkan beech

Deciduous or Evergreen?


Deciduous

Fruit tree?

false

Tree circumference

Example image:



Edit

Cancel

Edit Feature

Save

Tree info

Other info

Enter the tree species

Balkan beech

Balkan beech

Silver fir

Norway spruce

Bosnian pine

Macedonian pine

Sessile oak

Italian oak

Goat willow

Other



Delete

Edit geometry

Advanced

## New

10:33

Feature 19

Tree info

Other info

Enter the tree species

Balkan beech

Deciduous or Evergreen?


Deciduous

Fruit tree?

false

Tree circumference

Example image:



Edit feature

10:45

Edit feature

Enter the tree species

Balkan beech

Silver fir

Norway spruce

Bosnian pine

Macedonian pine

Sessile oak

Italian oak



Goat willow

Other

# Editor permission

- Safe and secure project collaboration
- Broken projects and conflicts
- Forbidden actions:
  - No QGIS project files updates
  - No GeoPackages removal
  - No schema changes to GeoPackages
- Suitable for anyone who contributes data to the project - e.g. surveyors

**Project permissions**

Reader	^	
<b>Reader</b>		
Can view project files		
<b>Editor</b>		
Can collect features in project		
<b>Writer</b>		
Can edit project files		

[Manage members](#)



# Success stories of Merjin Maps and QGIS

# Improving wildfire prevention and firefighting readiness

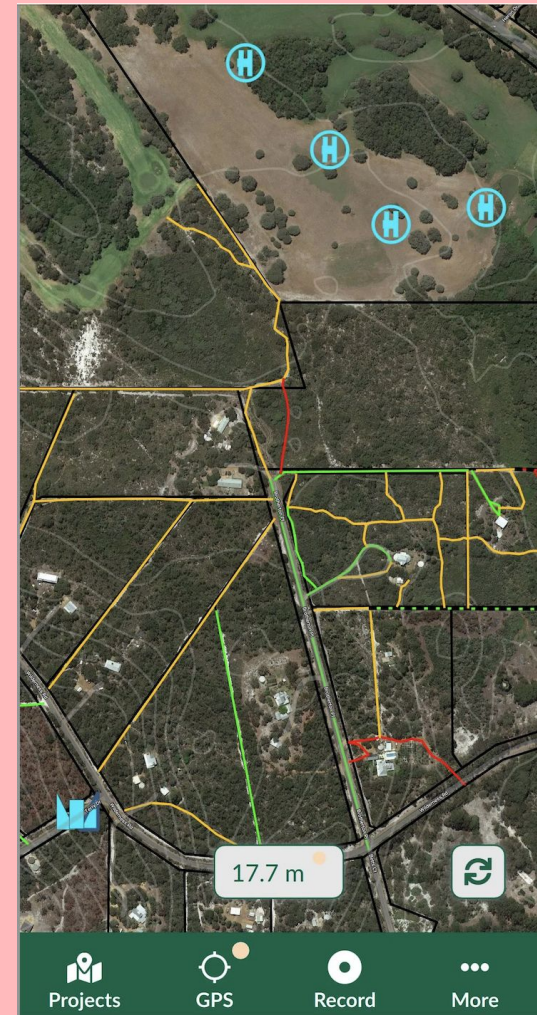
- Understand where to drive trucks
- Where are water points & capacity
- Hydrants
- Map fauna/flora
- Map burned areas (prevention)



Wallcliffe Volunteer Fire Service Brigade

# Maps in Trucks

- Tracks accessibility
- Water points
- Property types





**Fire! Fire!**



# Conventional method

- Project OSM over whiteboard
- Via mobile - mark data on whiteboard
- Call back to trucks with updates

- ✗ Fast spread of fire - stuck tracks
- ✗ Hard to find water points or empty
- ✗ Paper maps in trucks
- ✗ No live update



Photos courtesy of Wallcliffe Volunteer Fire Service Brigade

# Fibre network design

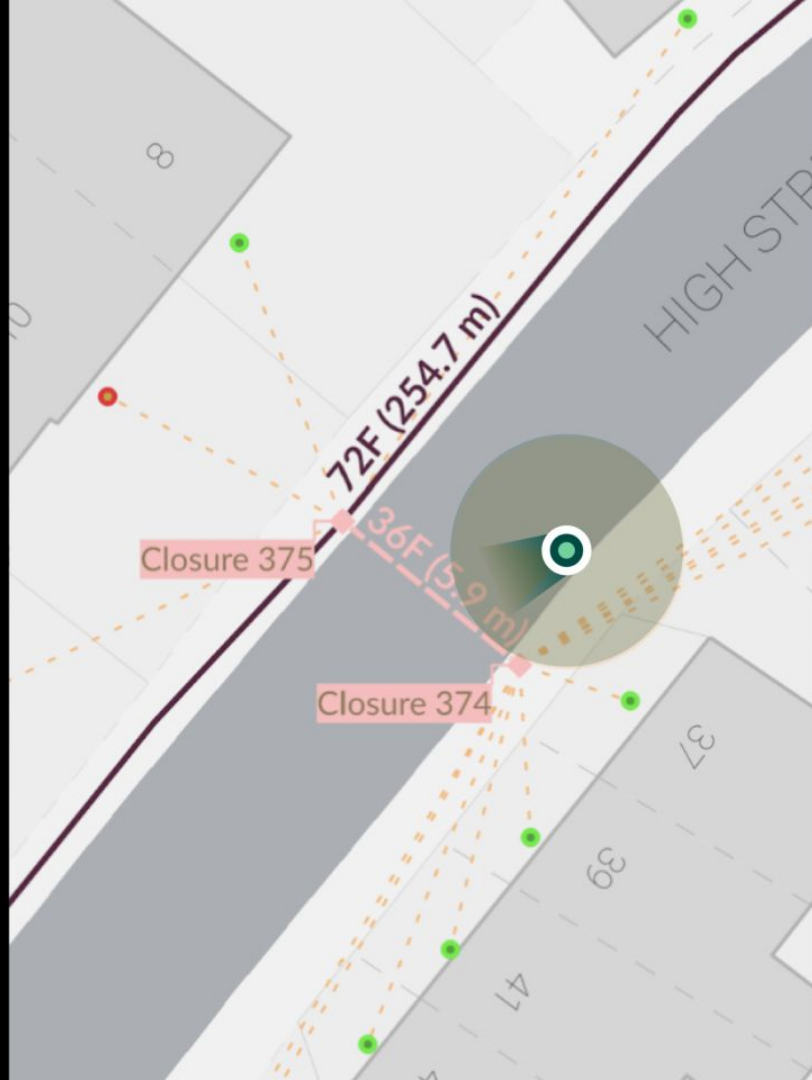
# Designing surveys for fibre optics rollout

- Prototyping → simple projects → full integrations
- Full control of captured data (self-manageable)
- Constraints and data structure (eliminate errors)
- Easy for non-technical (GIS) users



# new buildings to connect by fibre

- Photo
- Contact
- Units
- Location
- Cross-checking  
govt. data





# Mergin Maps

