



**Contributing to  
OpenStreetMap**

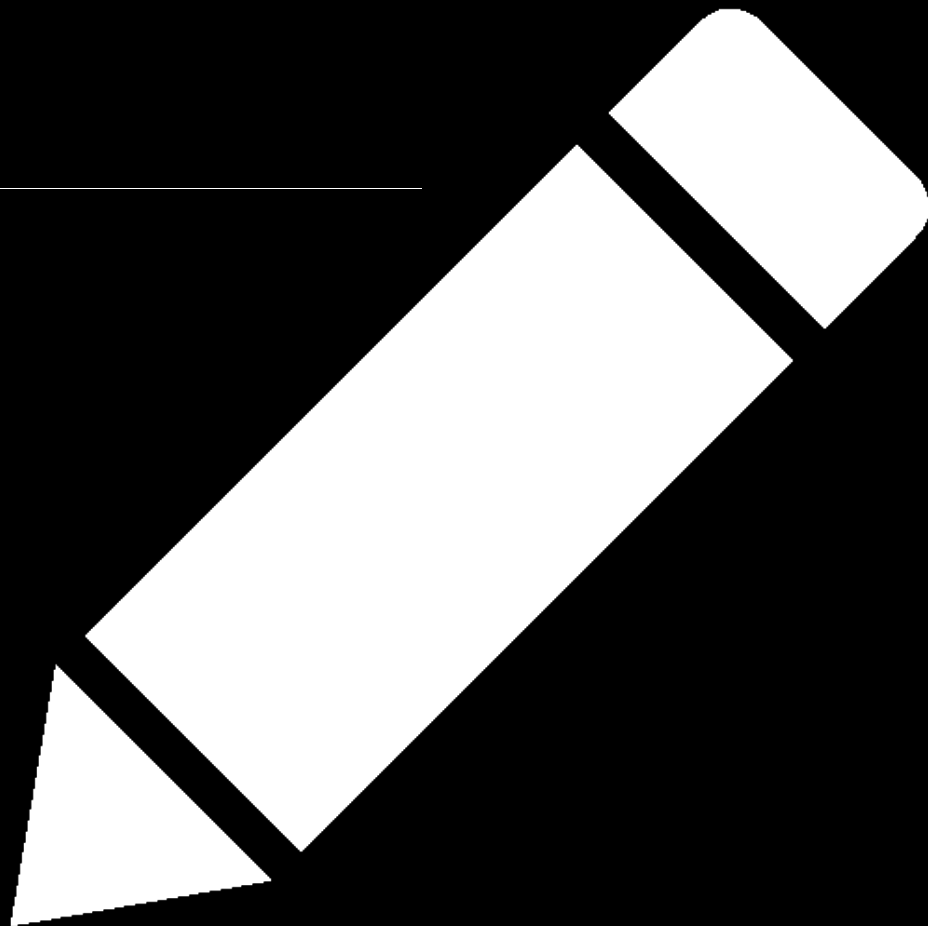
# Contributing to OSM

- Creating an account
- A few rules
- The dataflow through the ecosystem
- The datamodel
  - Points
  - Lines
  - Surfaces
  - Searching tags on the wiki

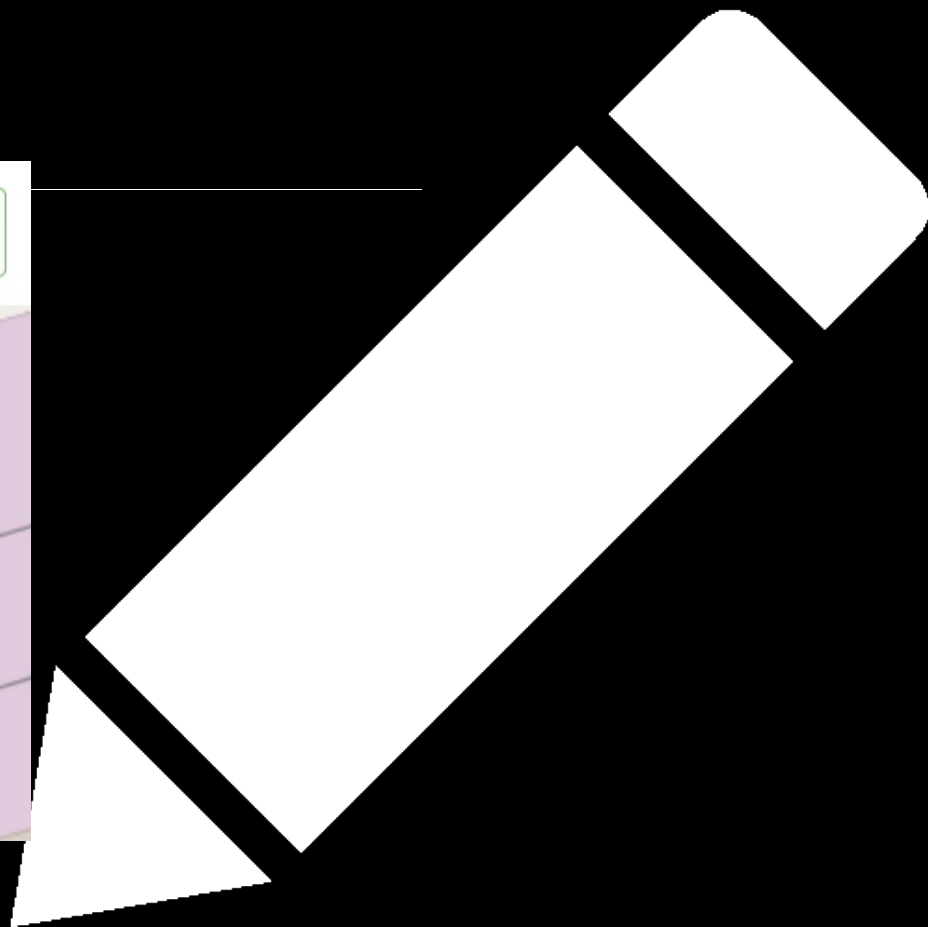
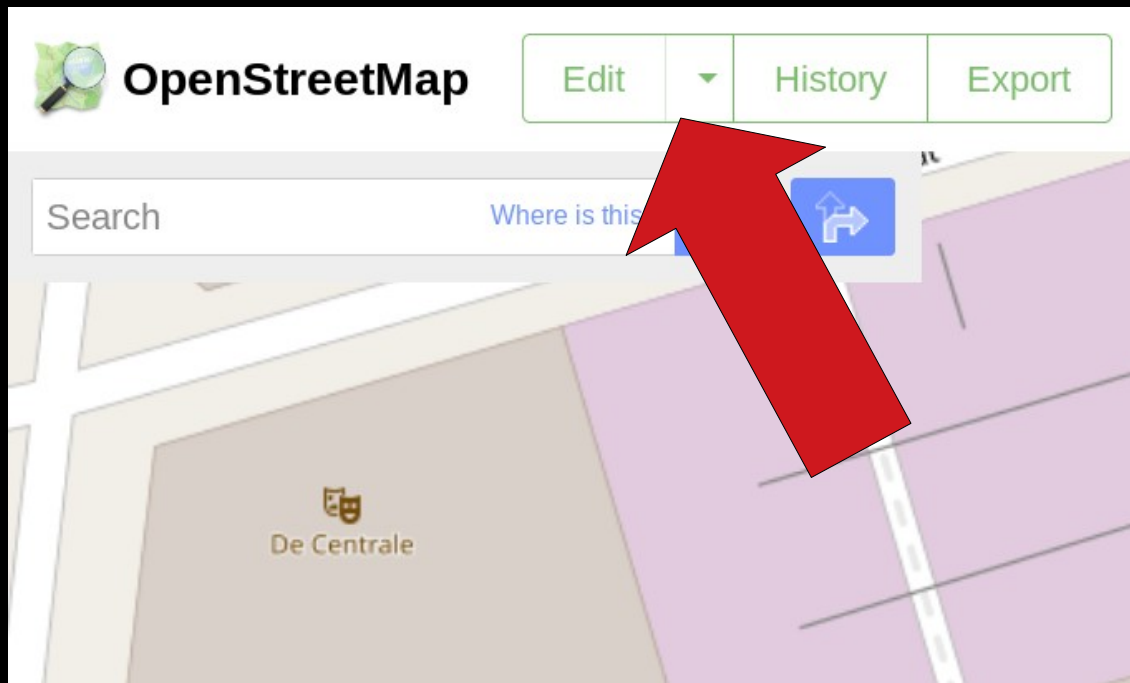


# Creating an account

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# Creating an account



# Creating an account

## Login

Don't have an account? [Register now](#)

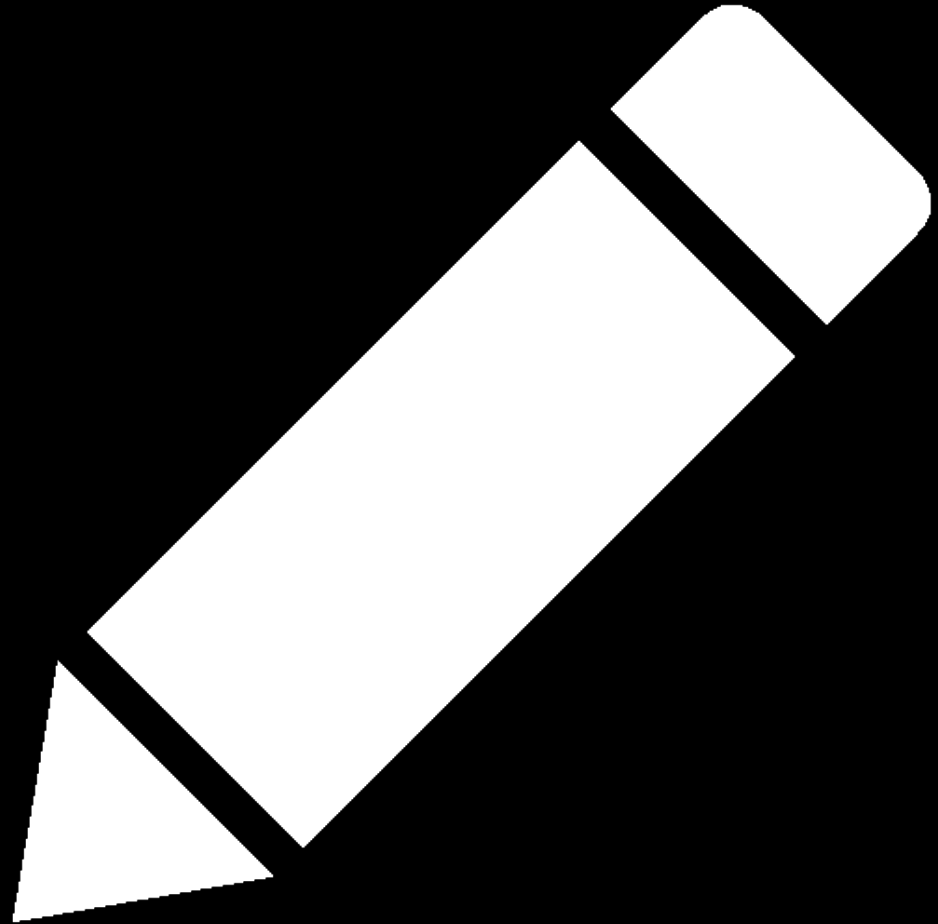
**Email Address or Username:**

**Password:**

[Lost your password?](#)

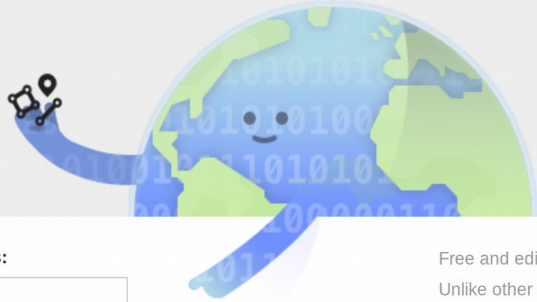
☐ Remember me

Login



# Creating an account

## Sign Up



Email Address:

Confirm Email Address:

Your address is not displayed publicly, see our [privacy policy](#) for more information

Display Name:

Your publicly displayed username. You can change this later in the preferences.

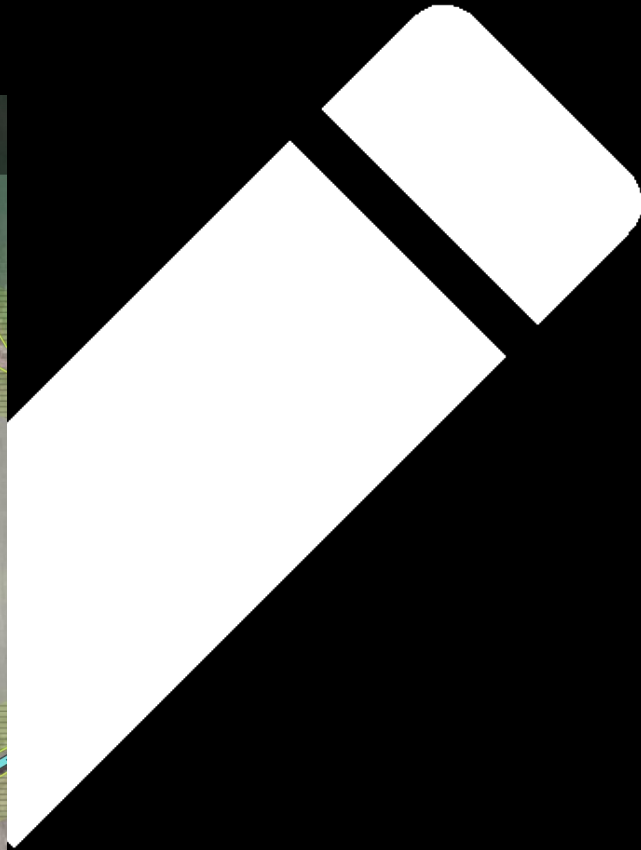
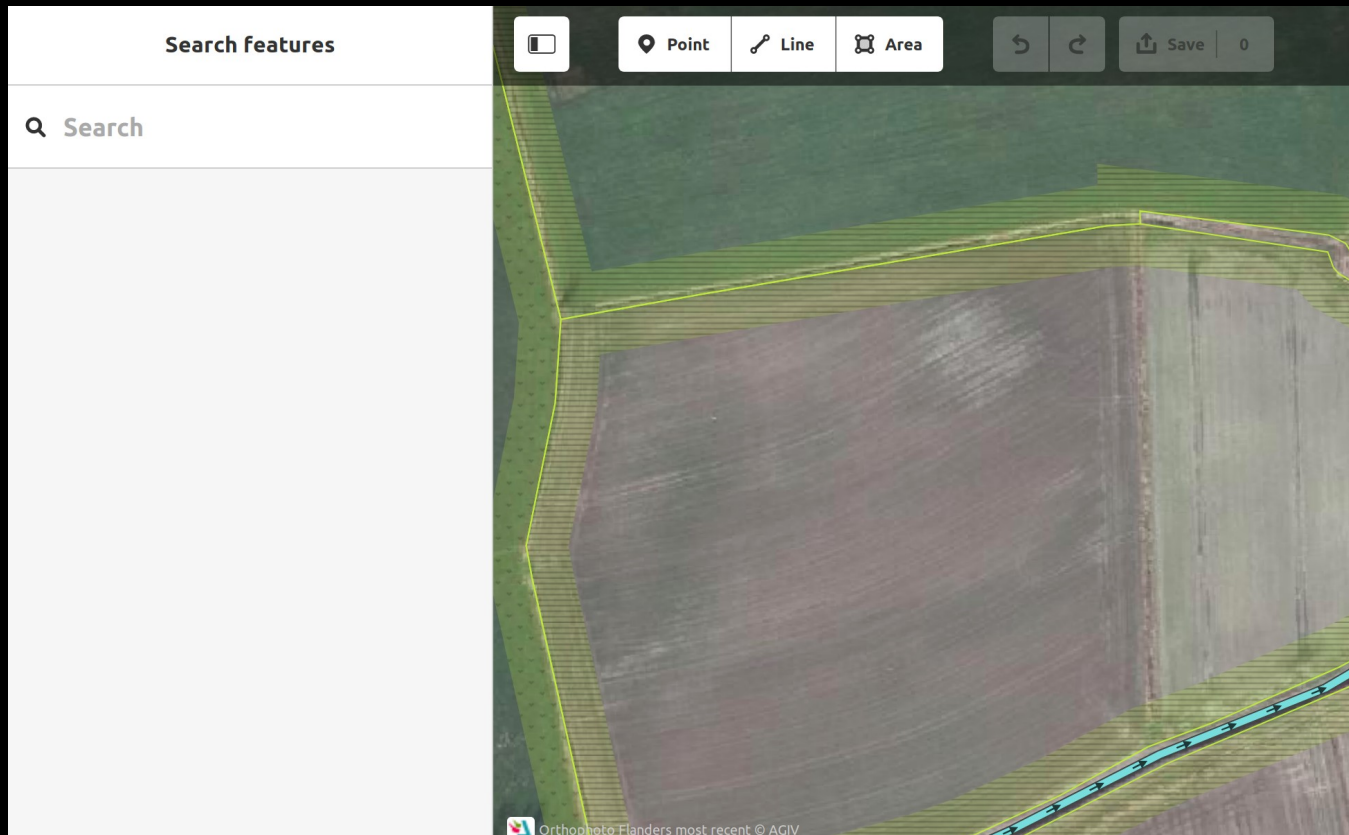
Password:

Free and editable

Unlike other maps, OpenStreetMap is completely created by people like you, and it's free for anyone to fix, update, download and use.

Sign up to get started contributing. We'll send an email to confirm your account.

# Creating an account





**A few rules**



# OSM uses the **Open Database License (ODbL)**

- All data can be used by anyone (including commercially)
- But with an obligated **attribution**
- You can use OSM as background layer with **proprietary data** on top... but not **mix proprietary data with OSM** (or you open them up)
- Redistributing with **DRM** is not allowed

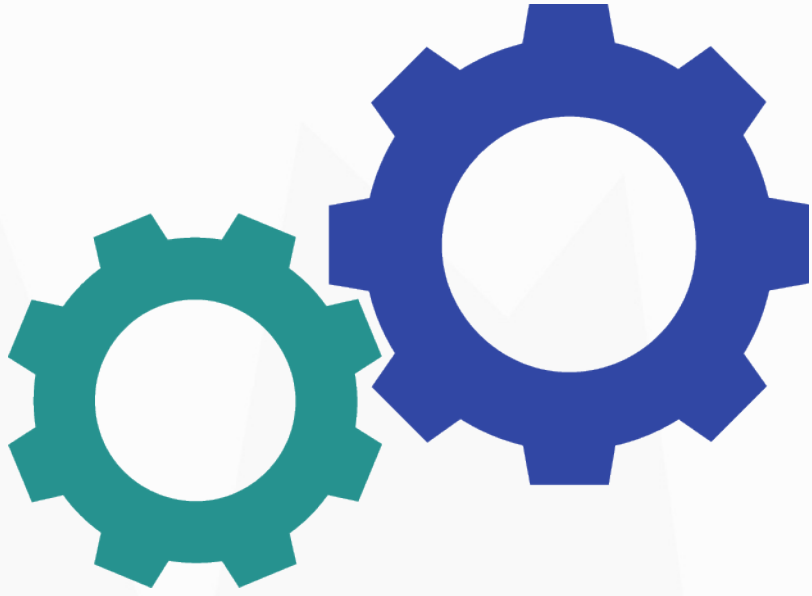


# Editing OSM

## Three rules

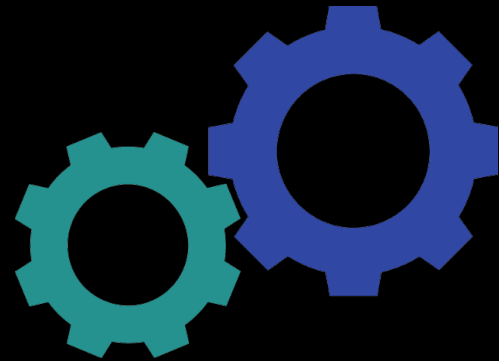
1. Only add what can be verified **on the ground**
2. Do **not add copyrighted data**  
don't copy other maps, unless with permission
3. **Dare to edit**  
use common sense  
make mistakes – everyone did  
ask help if needed



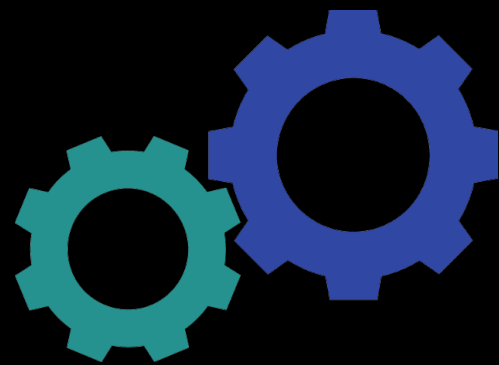
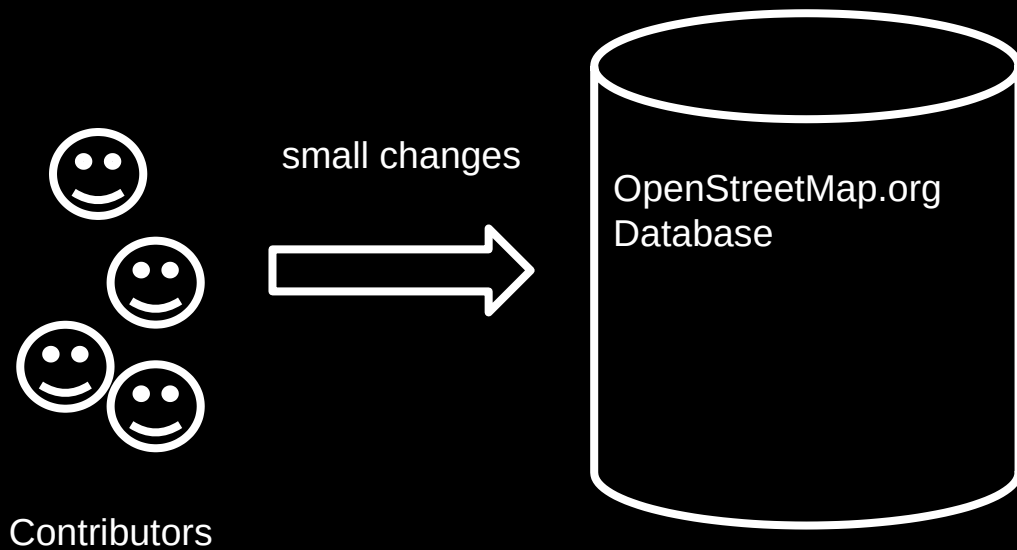


**OSM-infrastructure**

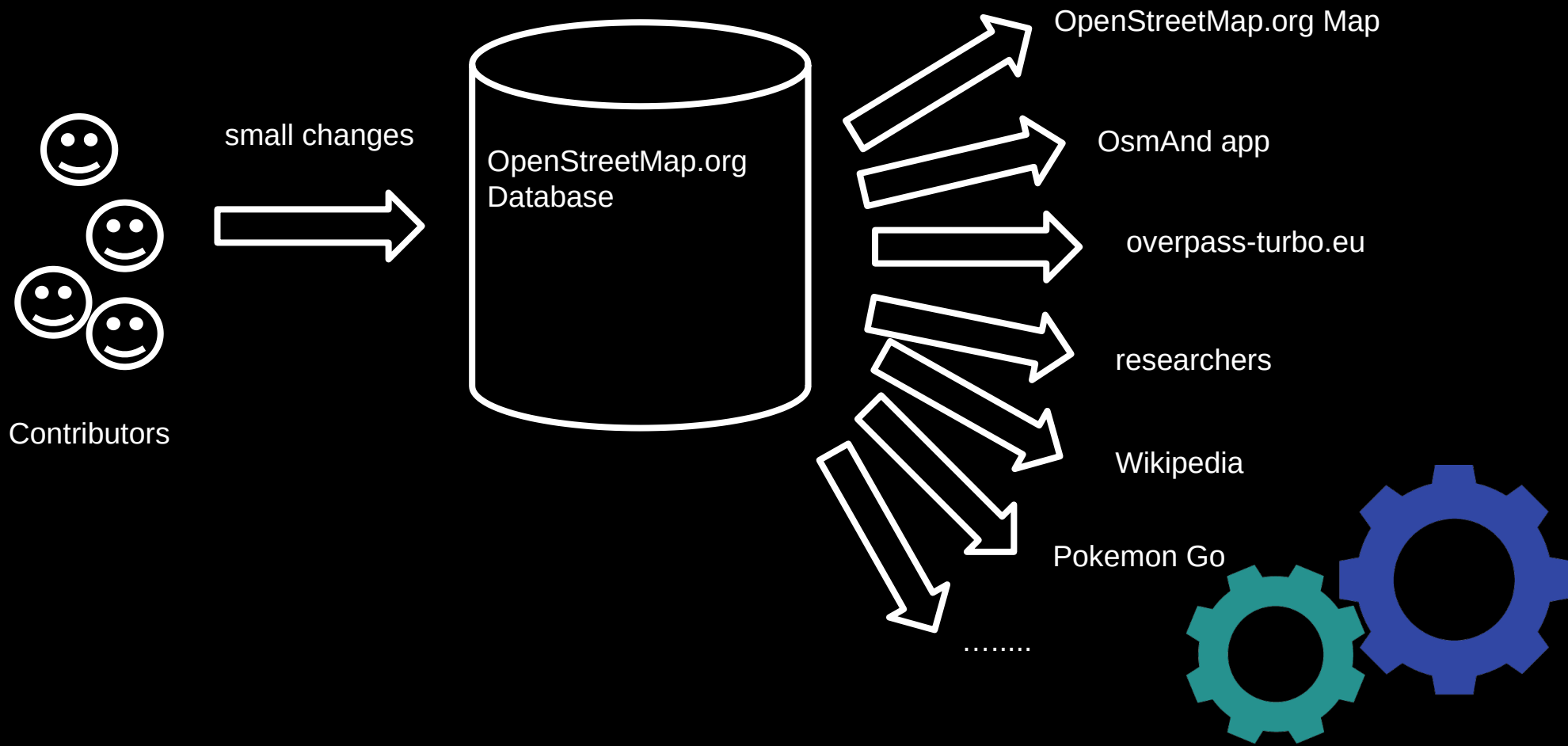
# Dataflow



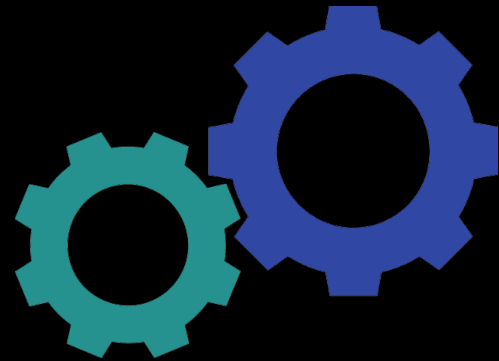
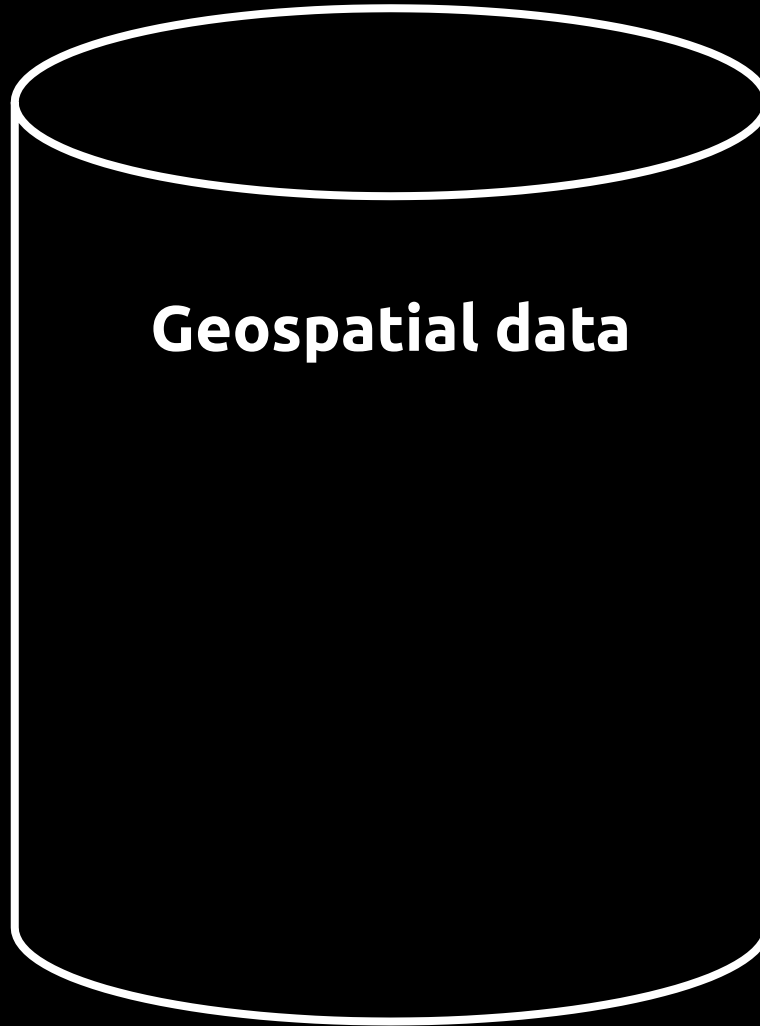
# Dataflow



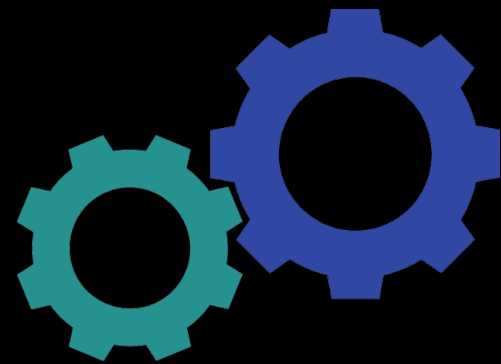
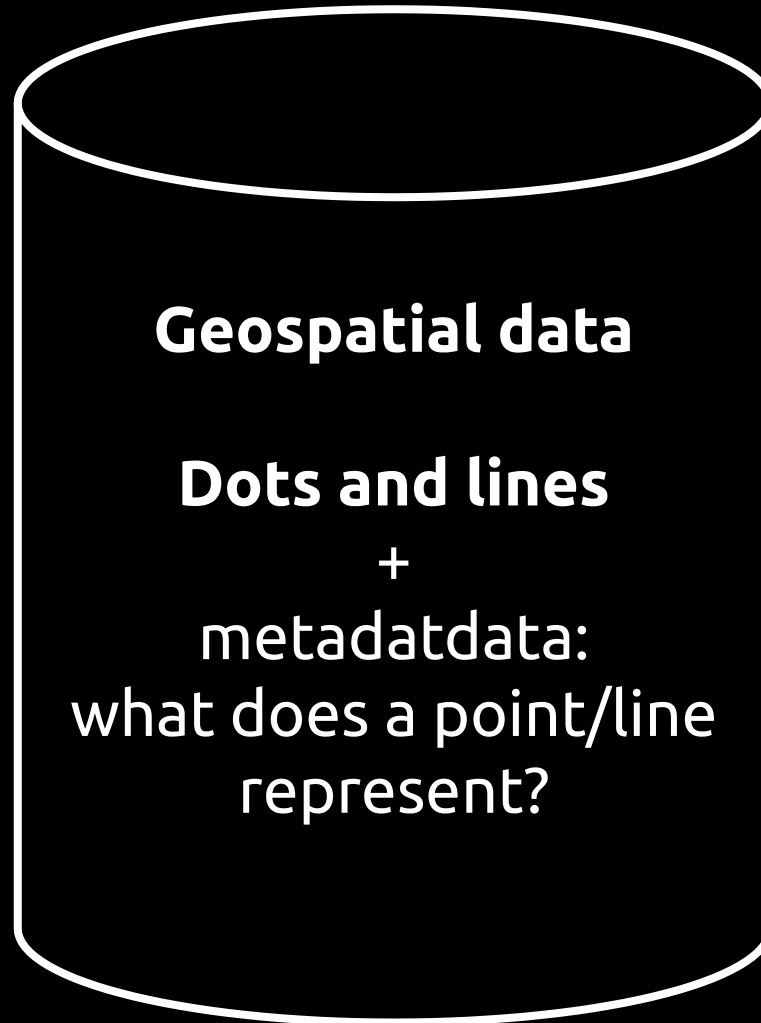
# Dataflow



# Database



# Database






# Dots

<

Edit feature

✓





Gate

i


[All fields](#)

▼ All tags (2)

barrier	gate		i
access	yes		i
+			

▼ All relations (0)

+



Point

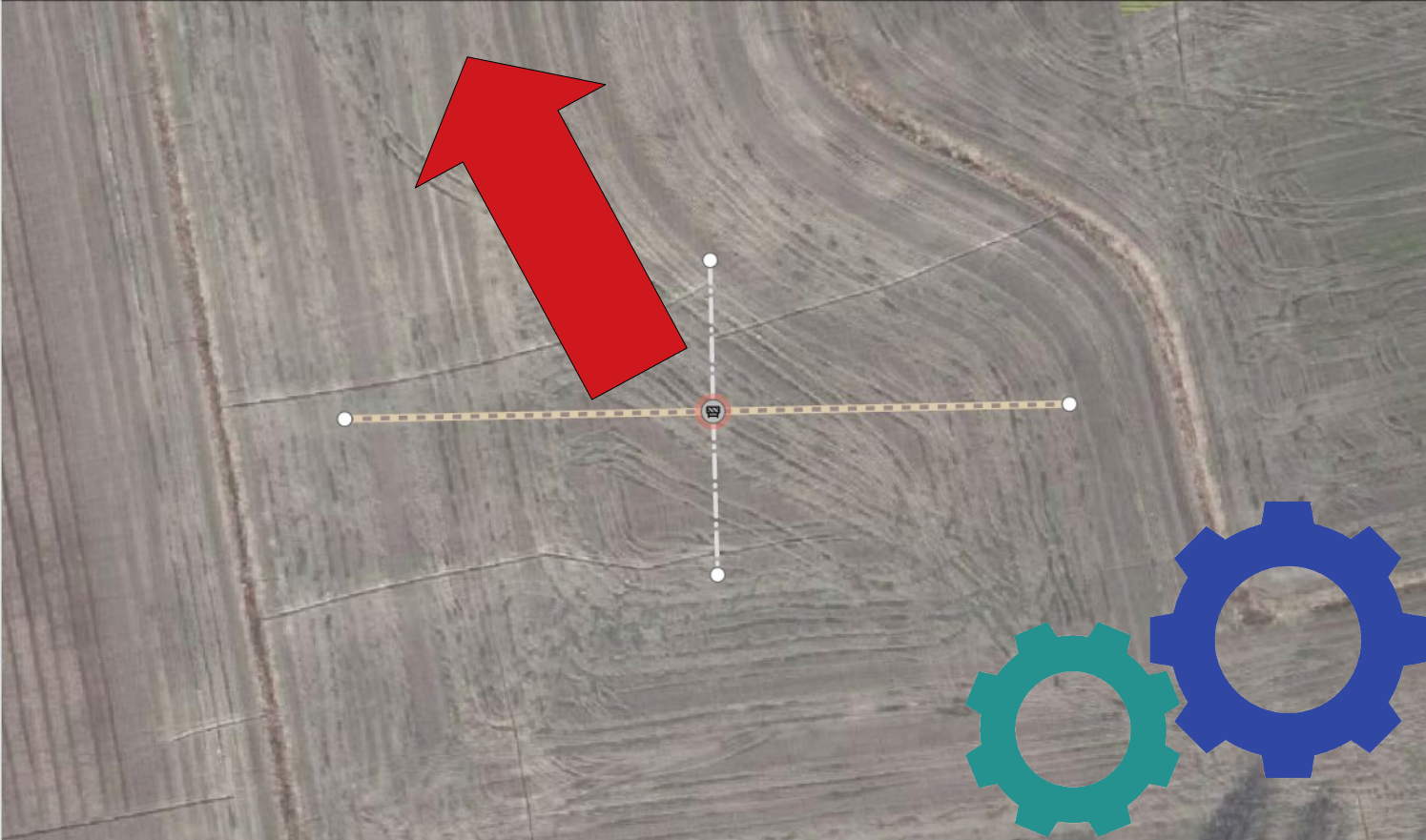
Line

Area

↶

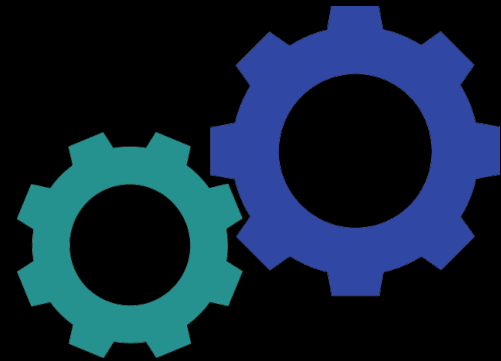
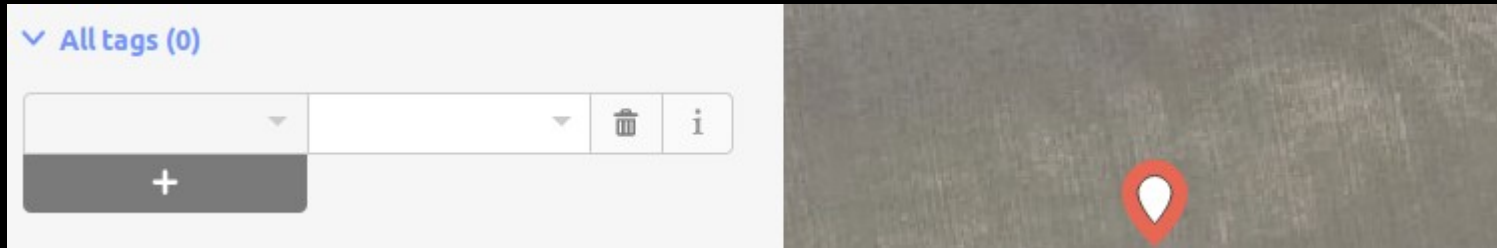
↷

Save 3

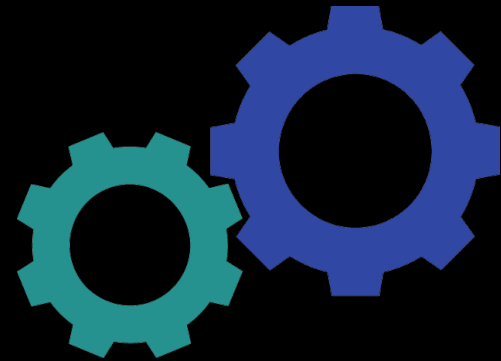
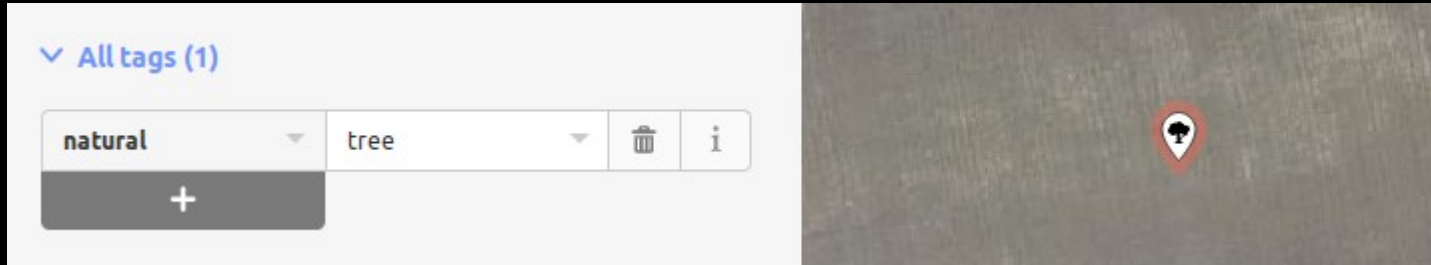


A satellite map showing a field with a gate feature. The gate is represented by a horizontal dashed yellow line with a red circle at its center. A large red arrow points to the red circle. In the bottom right corner, there are two interlocking gears, one teal and one blue.

# Datamodel: Punten







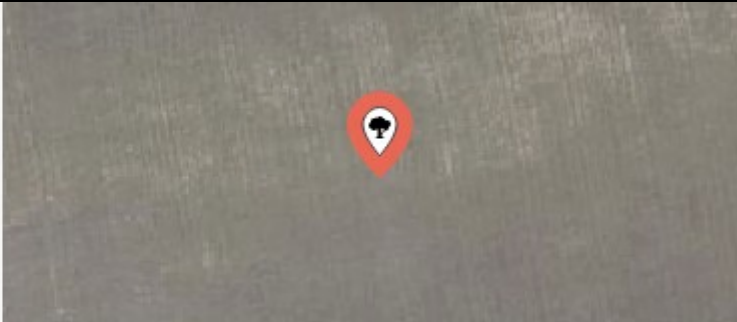
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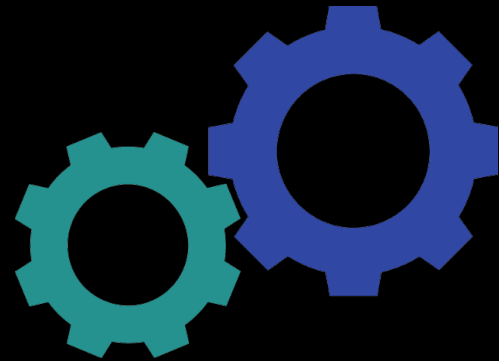


# Datamodel: Punten

▼ All tags (2)

natural	tree		
species	Quercus robur		
+			





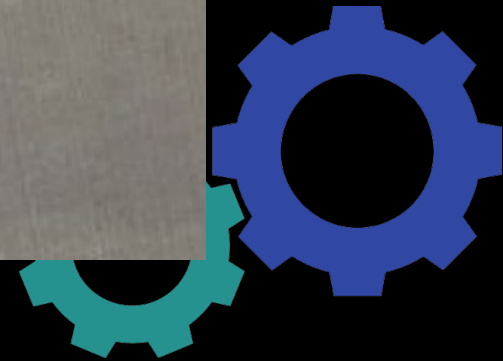

# Datamodel: Punten

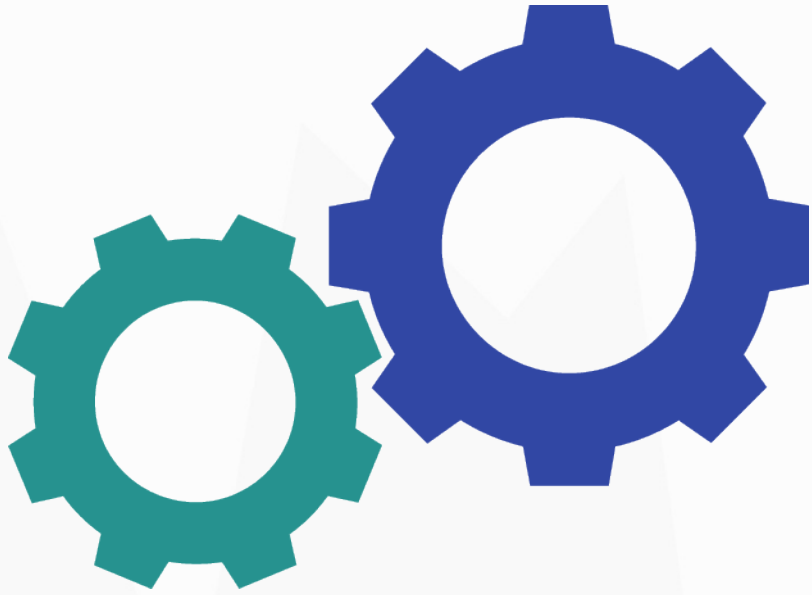
De eigenschap die we beschrijven (Key)

De waarde van die eigenschap (Value)

▼ All tags (8)

height	100	🗑️	i
heritage	yes	🗑️	i
heritage:operator	Ergoedcel Brugge	🗑️	i
heritage:ref	681	🗑️	i
natural	tree	🗑️	i
species	Quercus robur	🗑️	i
start_date	1812-12-01	🗑️	i
width	2	🗑️	i
+			





**Datamodel**  
**Tags, Lijnen, Oppervlakten**

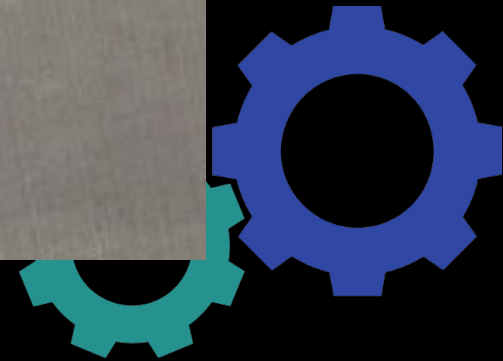

# Datamodel: Punten

De eigenschap die we beschrijven (Key)

De waarde van die eigenschap (Value)

▼ All tags (8)

height	100	🗑️	i
heritage	yes	🗑️	i
heritage:operator	Ergoedcel Brugge	🗑️	i
heritage:ref	681	🗑️	i
natural	tree	🗑️	i
species	Quercus robur	🗑️	i
start_date	1812-12-01	🗑️	i
width	2	🗑️	i
+			



# Welke tag gebruik ik?

## Waar vind ik de tag

- Laat de editor je helpen





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# Lijnen

<

Edit feature

✓

 Path 

i

> All fields

▼ All tags (1)

highway

path

+

▼ All relations (0)

+

Point

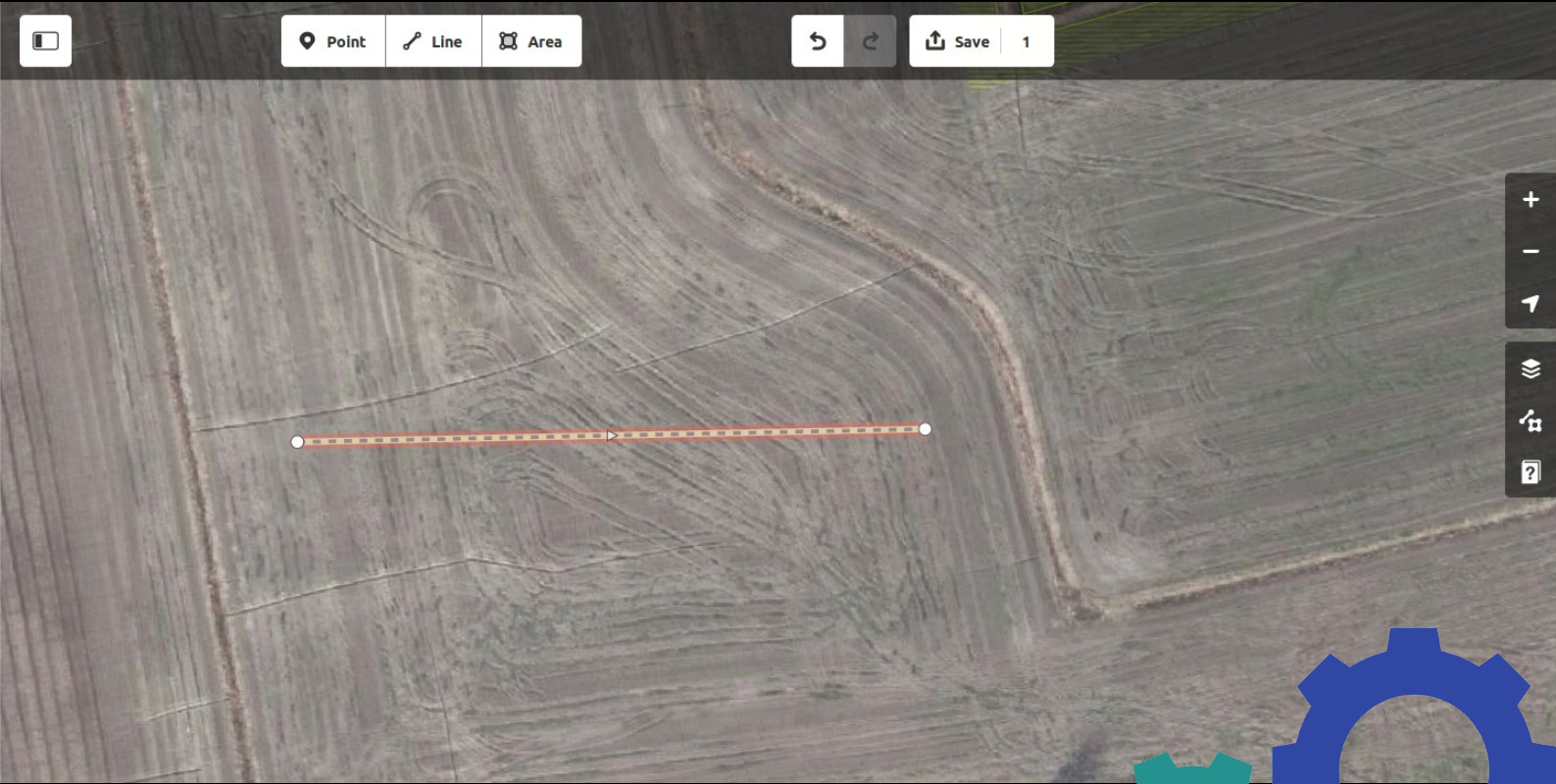
Line

Area

↶

↷

Save 1



+

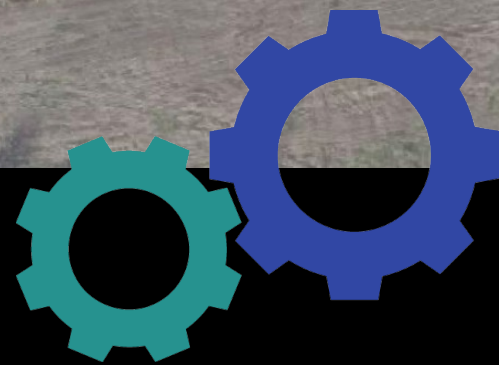
-

↶

⌵

⌶

?



Edit feature

Fence

i

> All fields

All tags (1)

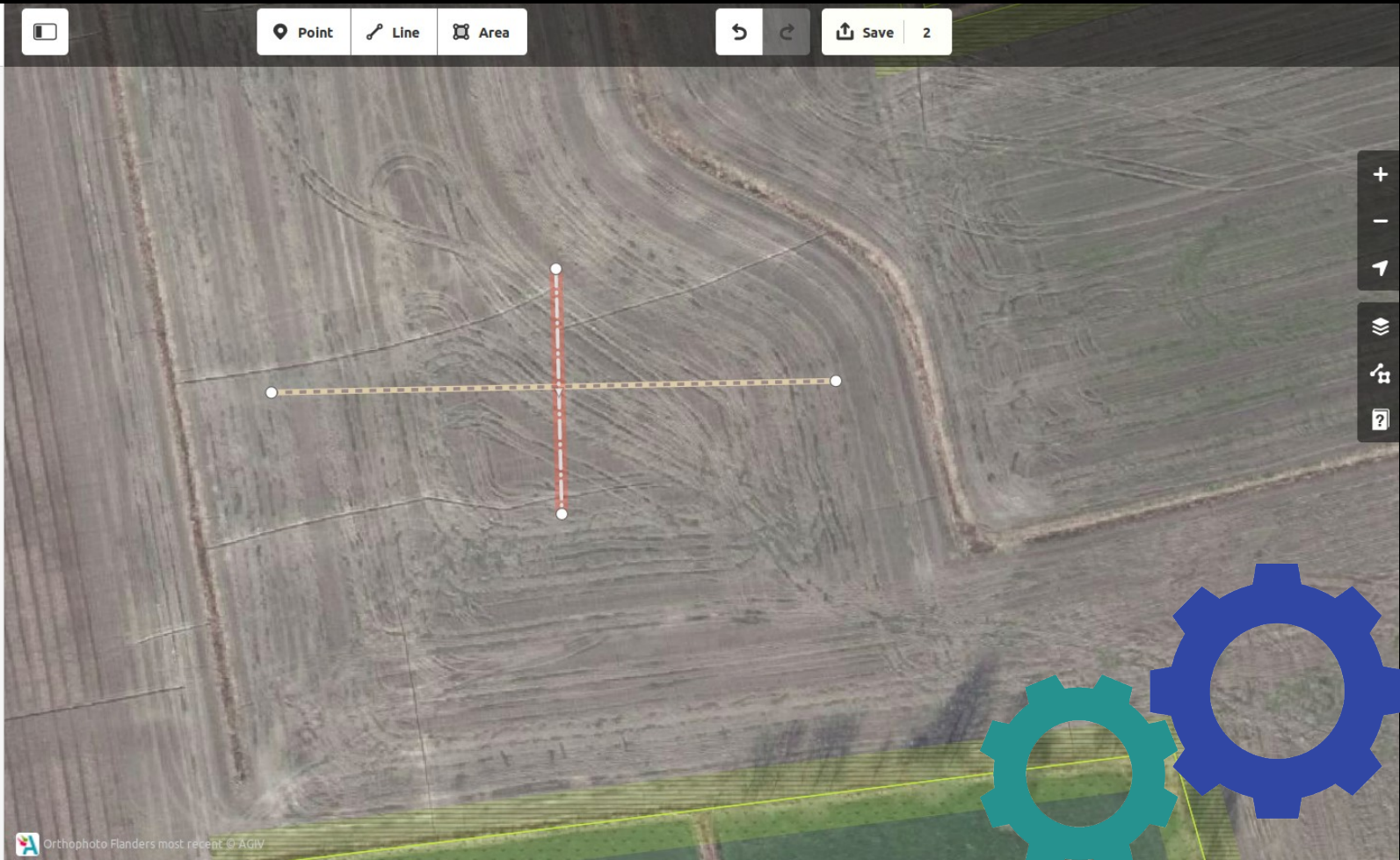
barrier

fence

+


All relations (0)

+




# Lijnen

< Edit feature ✓

 Fence i

[All fields](#)

▼ All tags (1)

barrier fence  i

+

▼ All relations (0)

+






# Lijnen

<

Edit feature

✓





Gate

i

> All fields

▼ All tags (2)

barrier	gate		i
access	yes		i

+

▼ All relations (0)

+

Point

Line


Area

↶

↷

Save


3





+



-

↑












# Oppervlakten

<

Edit feature

✓



Building

i

>


All fields

▼

All tags (1)

building

yes



i

+

▼

All relations (0)

+

Point

Line


Area


↶

↷

Save

1






# Oppervlakten

<

Edit feature

✓



Building

i

>


All fields

▼

All tags (1)

building

yes



i

+

▼

All relations (0)

+

Point

Line

Area

↶

↷

Save

1

