

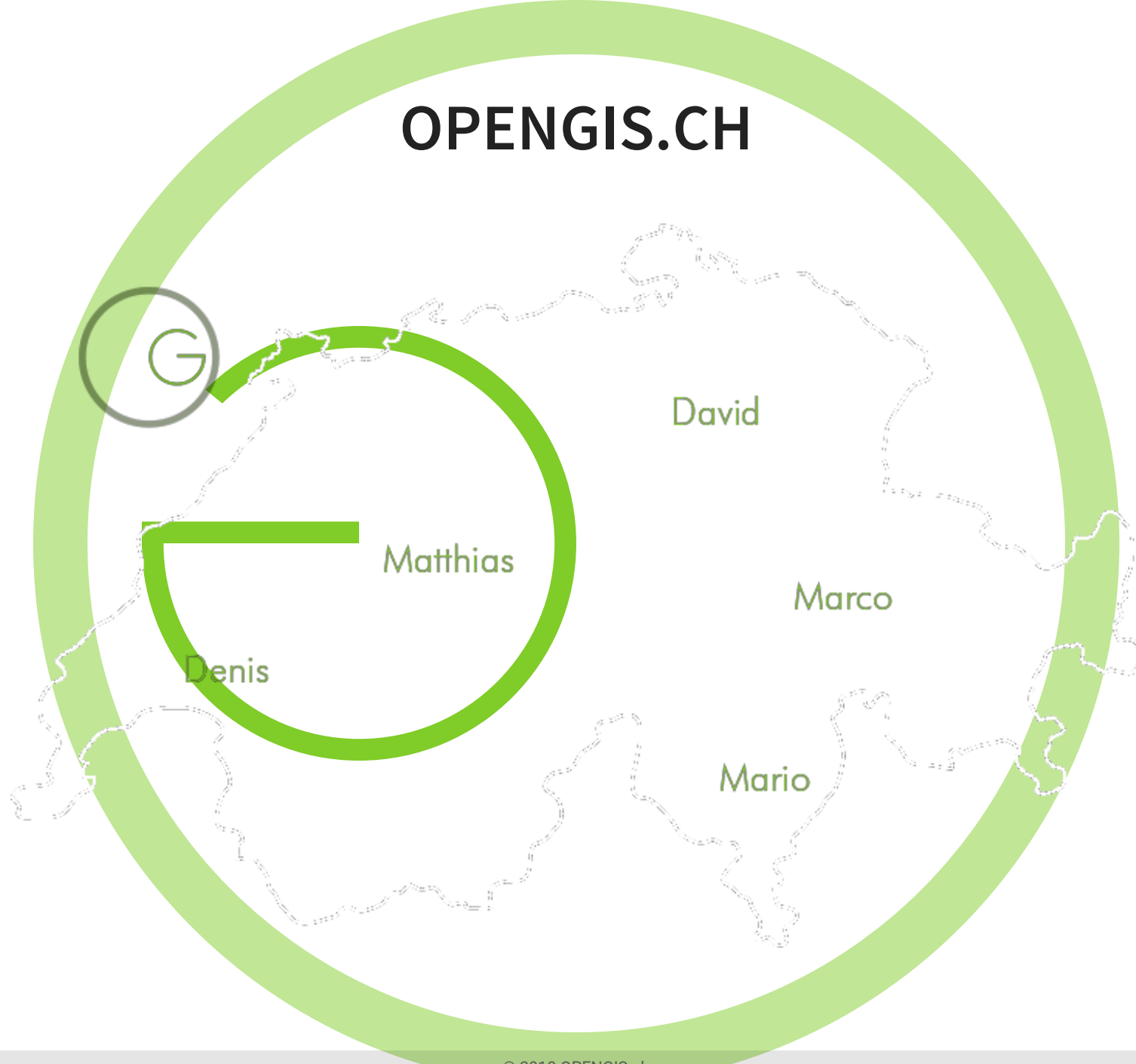
# NEU IN QGIS 3



# WER BIN ICH?



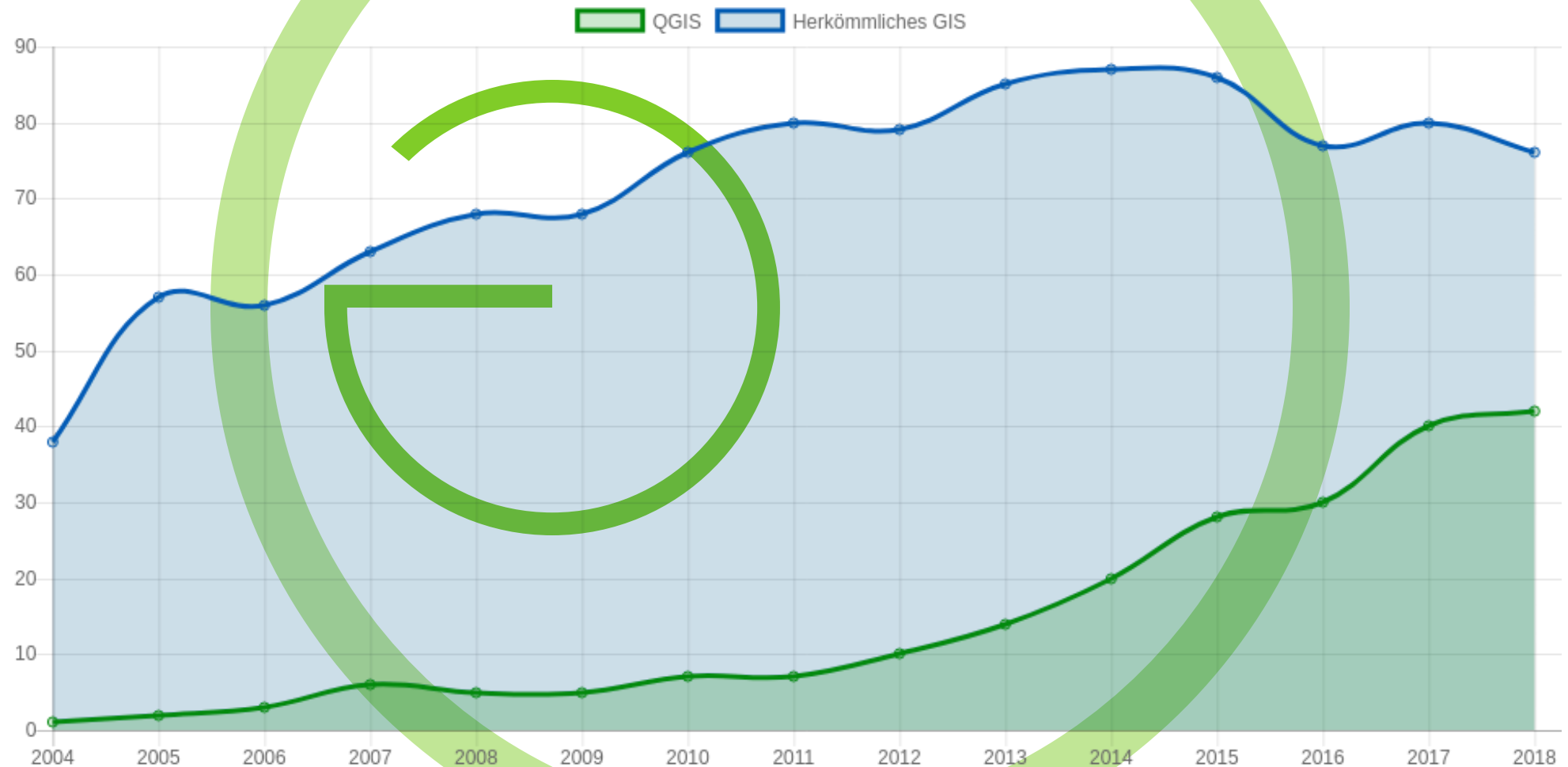
# OPENGIS.CH



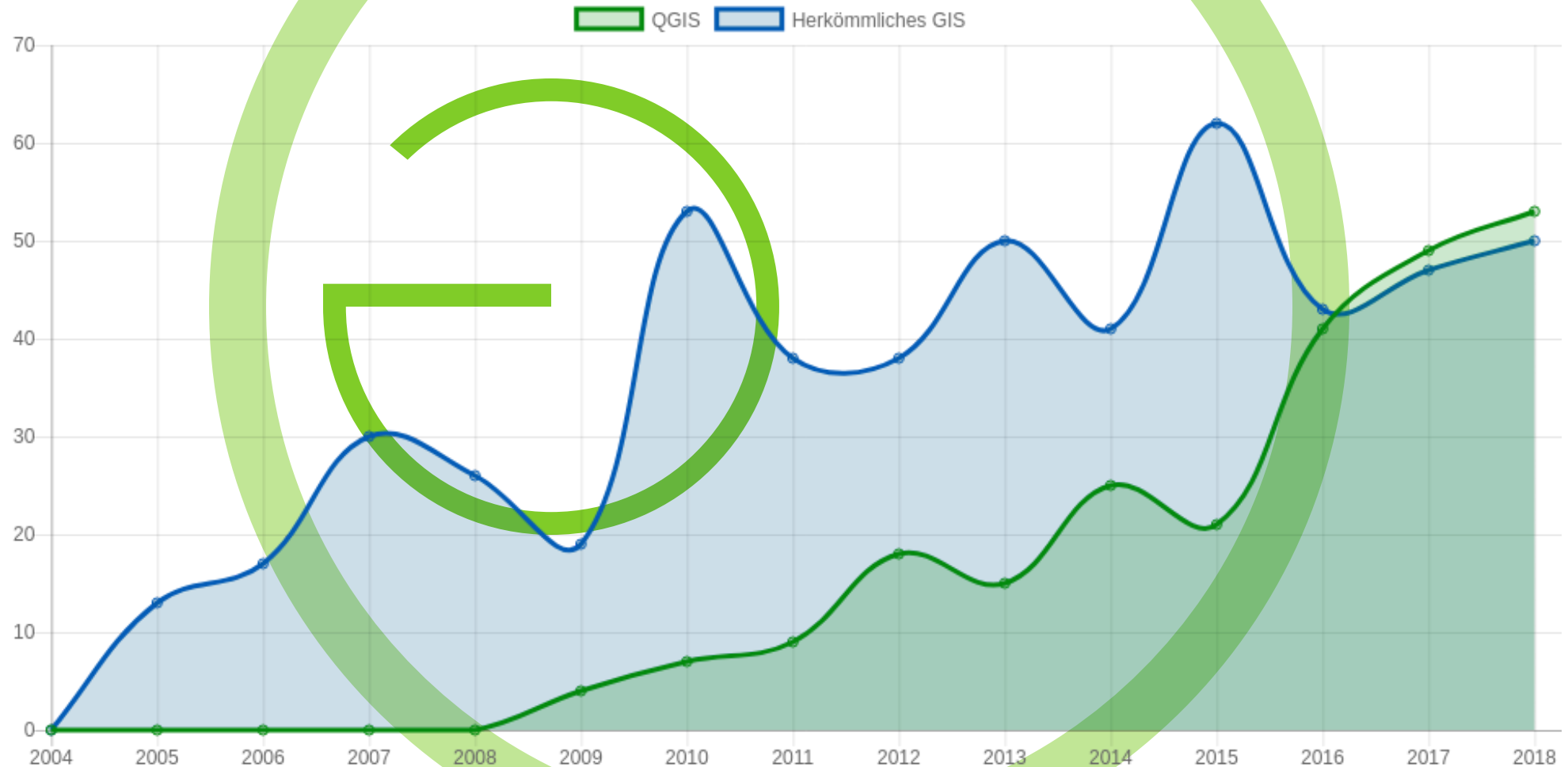
# WARUM QGIS 3?



# MAN KÖNNTE JETZT CHARTS ZEIGEN



# DIE SCHWEIZER VARIANTE



# WEIL ES NÖTIG WAR



- Qt 4 -> Qt 5
- Python 2 -> Python 3
- Aufräumarbeiten



# UND LOS GEHT ES





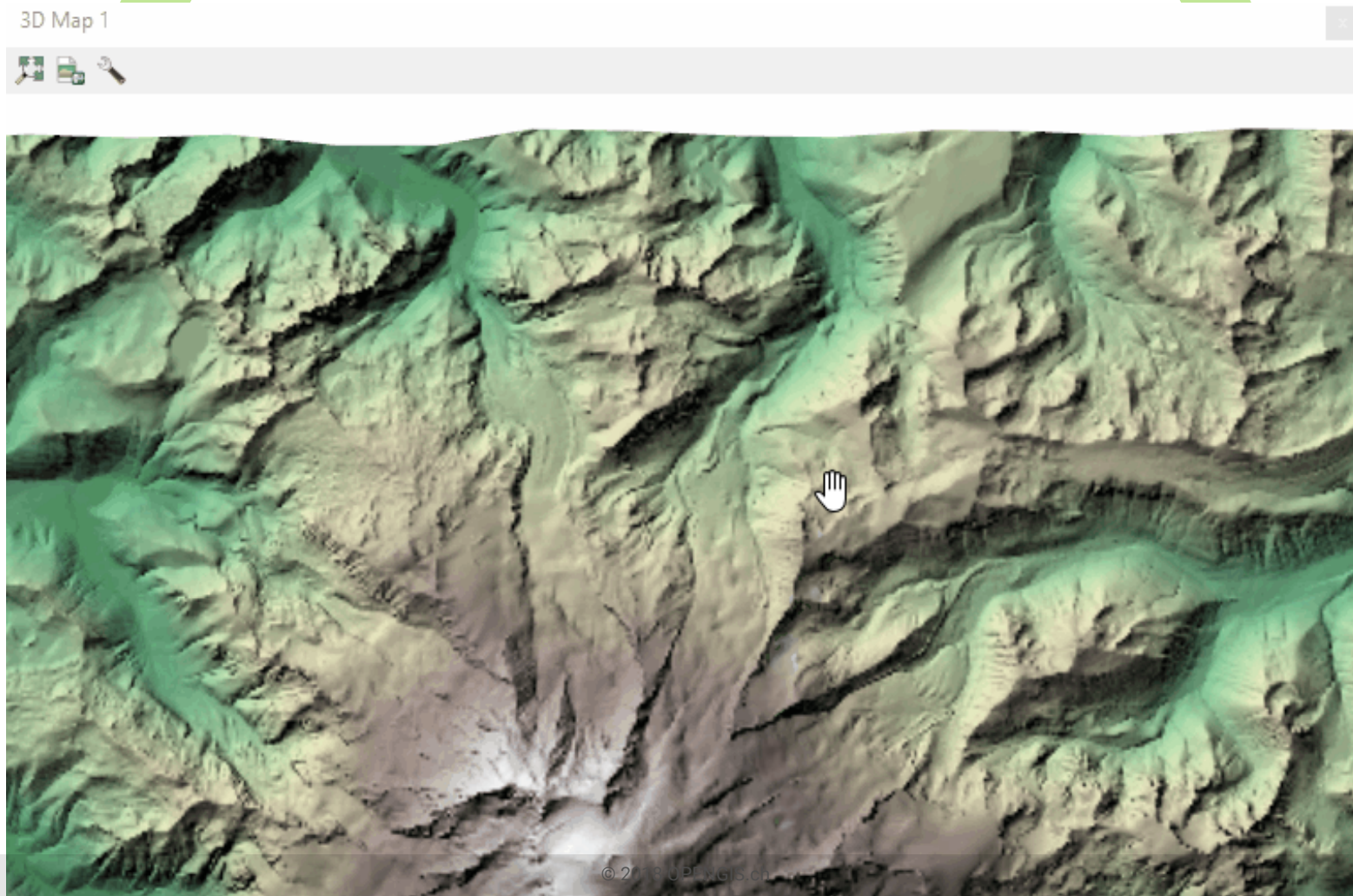
# ALLES IST SCHNELLER



# ALLES IST STABILER

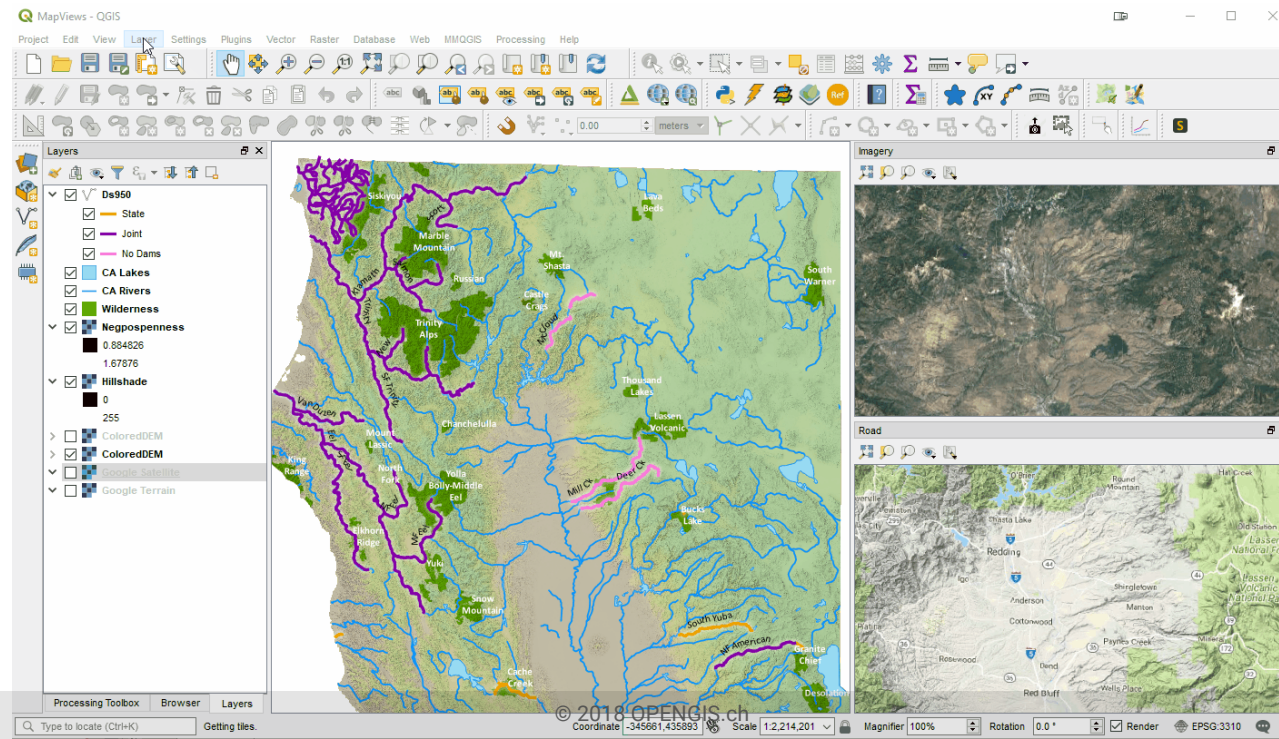


# 3D





# MEHRERE KARTENFENSTER



# STANDARDFORMAT

## GEOPACKAGE



# INTEGRIERTE SUCHE

The screenshot displays the QGIS desktop application interface. The top menu bar includes Project, Edit, View, Layer, Settings, Plugins, Vector, Raster, Database, Processing, and Help. Below the menu is a toolbar with various icons for navigation and editing. The main map area shows a network of purple lines representing wastewater structures, with labels such as <CU 1100 58.73m 2.7‰, <CU 1100 67.12m 4‰, <CU 1000 60.78m 2.1‰, <CU 1250 61.3m, <CU 900 25.83m, <CU 13.92m, <CU 25.82m, and <CU 59.24m. The left sidebar contains a Layers Panel with a tree view of loaded layers: vw\_qgep\_wastewater\_stru..., vw\_qgep\_reach, Wastewater Structures, Inspection, Value Lists, Hydraulic, Topology, and Cadastral Data. The bottom status bar shows the current coordinates (419.69, 263174.61), scale (1:1,122), and other application settings.



# REORGANISATION

## SERVER

```
rm -rf src/server
```











# REORGANISATION

## SERVER



- Modularisierung
- Neuschreiben des Projektcodes
- Tests
- Performance Tests
- OGC Compliance Tests

# REPORTS

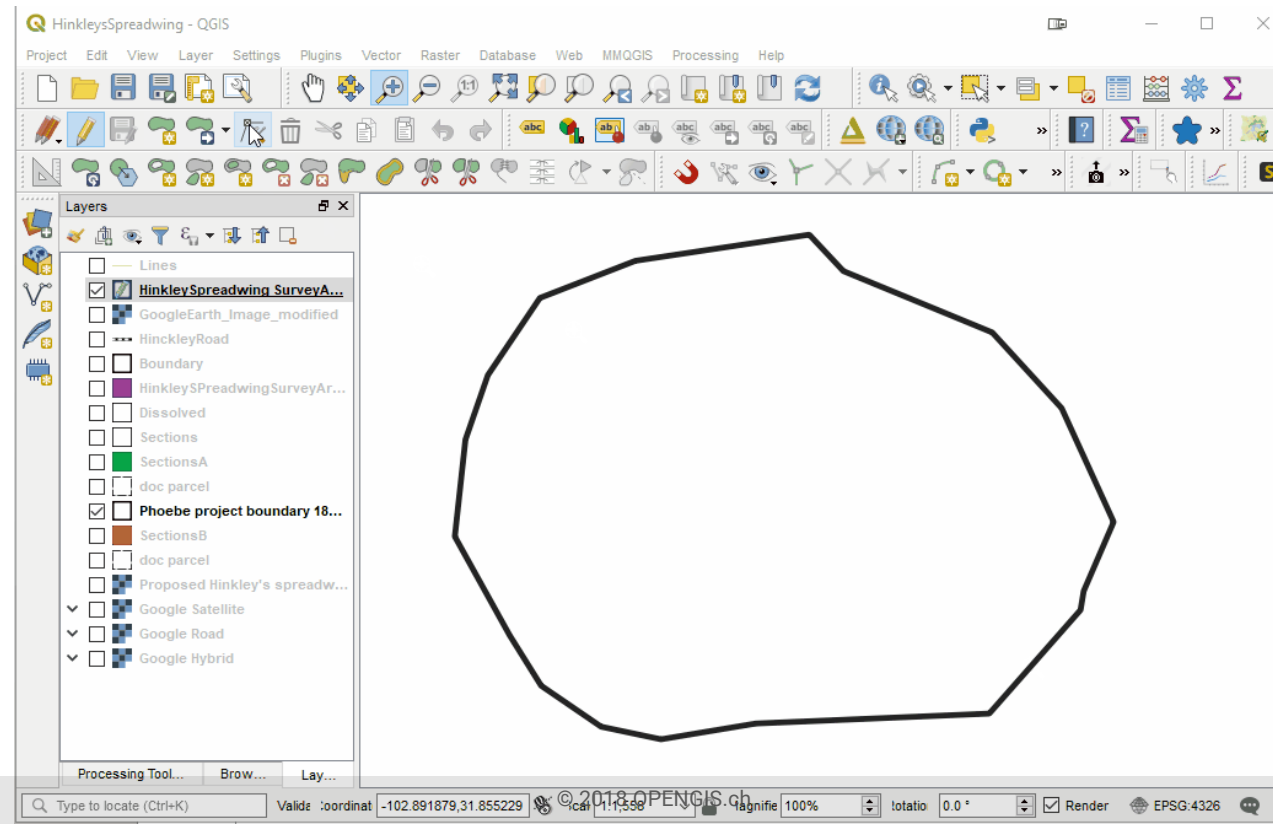
<p><b>My Report</b></p> <p>Created on 2018-01-23 using QGIS 3.0's reporting engine</p> 	<p>Place: Salamanca</p> 	<p>Populated places in Jalisco</p>
<p><b>Guanajuato</b></p> 	<p>Airports in Guanajuato</p>	<p>Place: Axtlan</p> 
<p>Populated places in Guanajuato</p>	<p>Del Bajío Int'l</p> 	<p>Place: Ciudad Guzman</p> 
<p>Place: Celaya</p> 	<p><b>Jalisco</b></p> 	<p>Airports in Jalisco</p>



# EINIGE NEUE AUSDRÜCKE

Einige neue Ausdrücke

# DATENERFASSUNG / DIGITALISIEREN

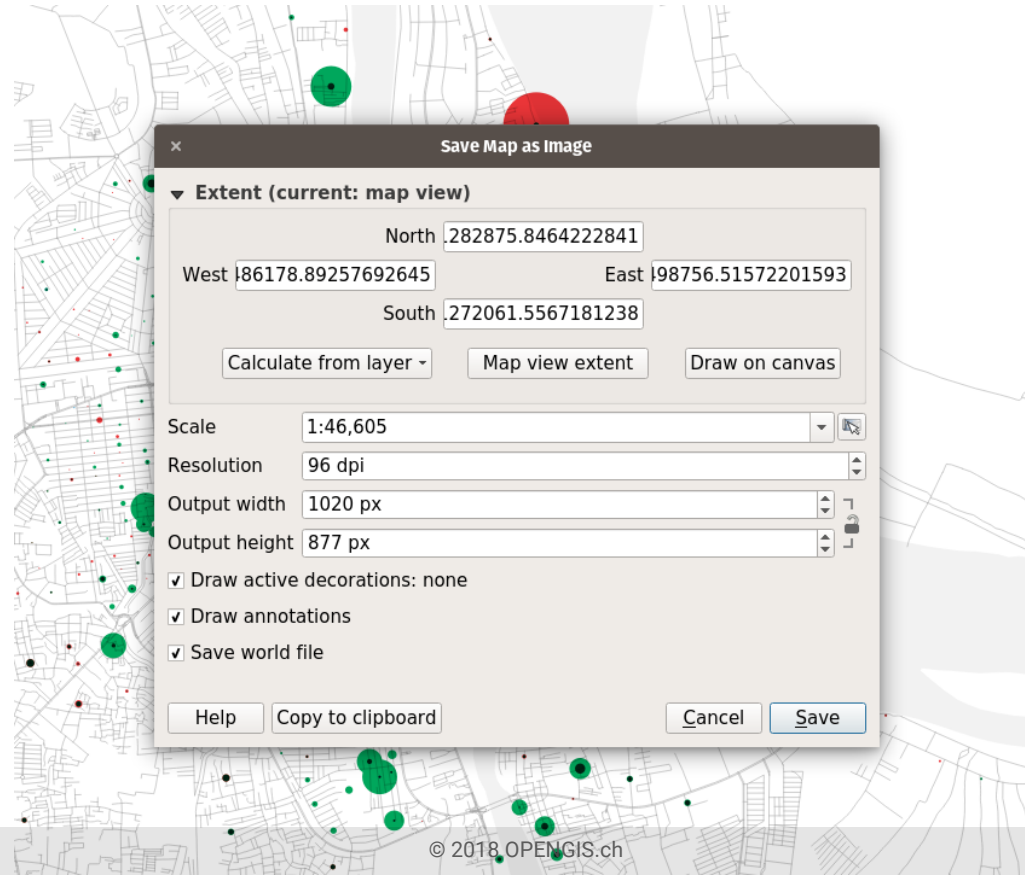


# RETINA/HIDPI

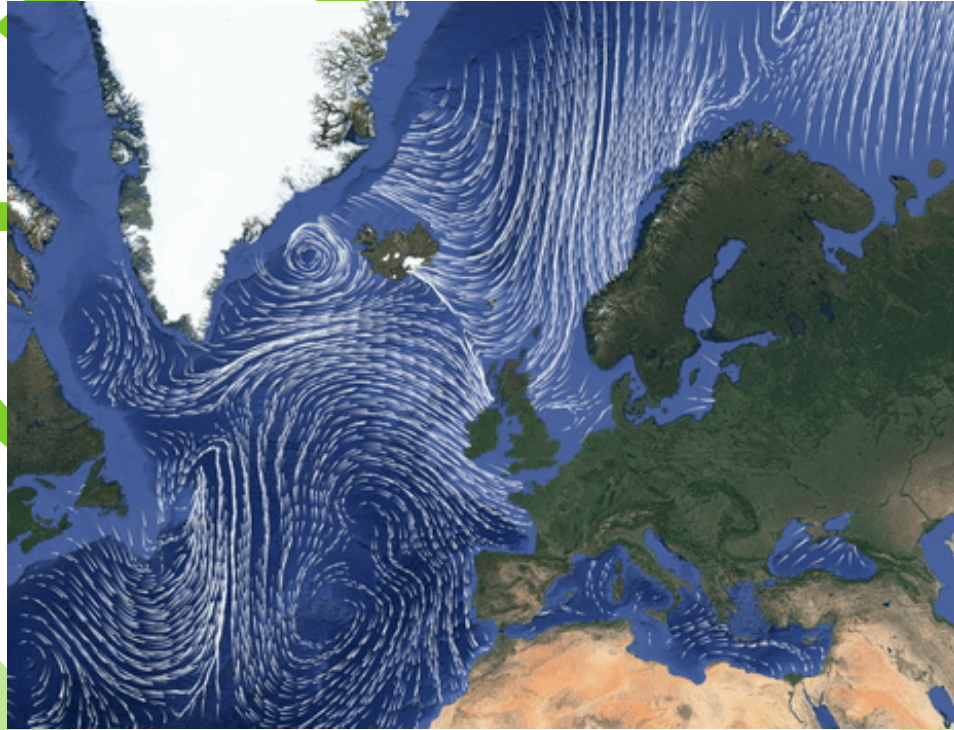
# UNTERSTÜTZUNG



# ALS BILD SPEICHERN

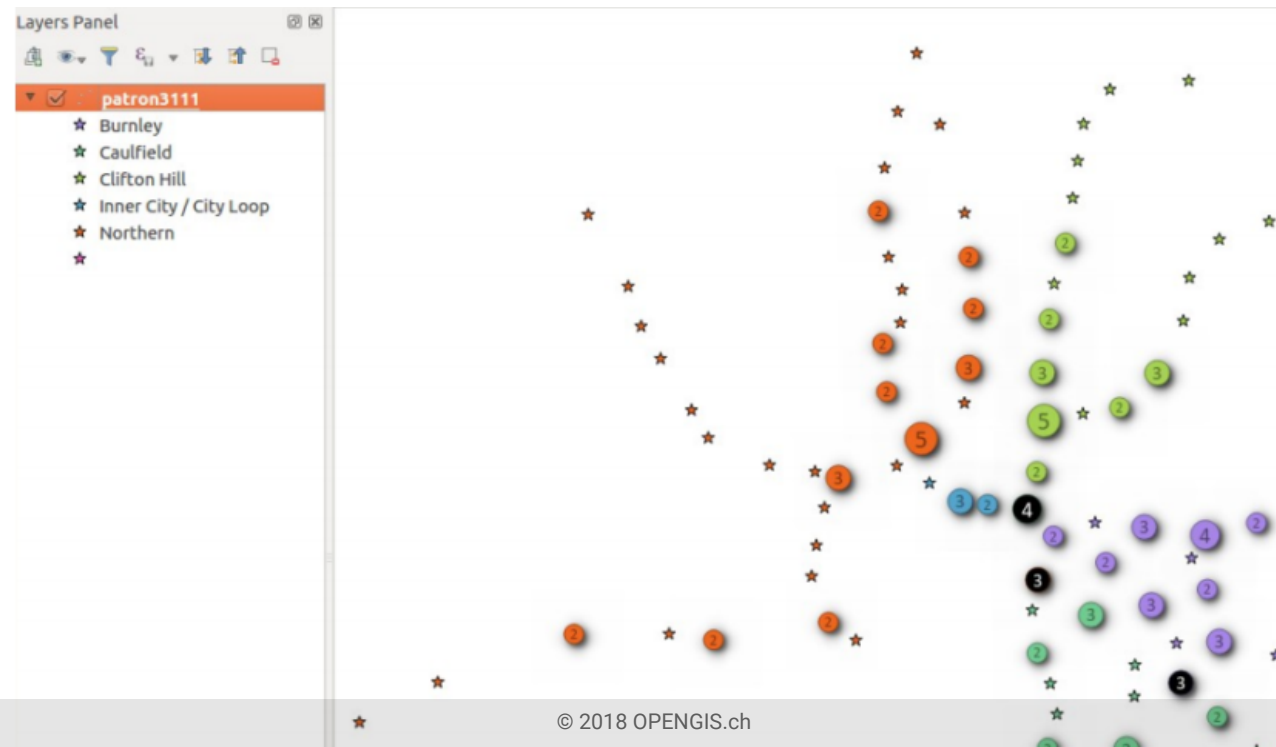


# MESH LAYERS





# CLUSTER RENDERER FÜR PUNKTE



# LABEL MANUELL PLATZIEREN





**QGZ QUO VADIS**

# VOLLBILDMODUS

Im Zentrum steht die Karte



# VOLLBILDMODUS



# ALPHAKANAL DIREKT IN DER FARBAUSWAHL



## BENUTZEROBERFLÄCHE **KONSISTENZ**

### Deckkraft <-> Alpha

- Im Normalfall Deckkraft
- Skala in %, intern von 0-1

### Rotation

- Immer im Uhrzeigersinn

### Skala

- 1:25'000 oder 25'000



# LIVE LAYERS



# POSTGRES SQL NOTIFY



# MIT FIXEM ABSTAND VERFOLGEN



# VERARBEITUNGS- WERKZEUGE GENERALÜBERHOLUNG



# VERARBEITUNGS- WERKZEUGE

VIELE ALGORITHMEN JETZT IM  
KERN



# VERARBEITUNGS- WERKZEUGE PARALLELISIERUNG

# VERARBEITUNGSWERKZEUGE - VERBESSERUNGEN

The screenshot displays the Processing Modeler interface. On the left, the 'Algorithms' panel shows 'Feature Filter' selected under the 'Vector table' category. The main workspace shows a workflow starting with an input 'lines' connected to a 'Feature Filter' algorithm. The 'Feature Filter' algorithm has four outputs: 'river', 'main\_street', 'road', and 'railway', which are connected to corresponding output layers: 'OUTPUT\_main\_street', 'OUTPUT\_railway', 'OUTPUT\_river', and 'OUTPUT\_road'.

The 'Feature Filter' dialog box is open, showing the following configuration:

Description: Feature Filter

Output Name	Filter Expression	Final Output
1 river	"type" = 'river'	<input checked="" type="checkbox"/>
2 main_street	"type" = 'street' AND "subtype" = 'main'	<input checked="" type="checkbox"/>
3 road	"type" = 'street' AND "subtype" = 'road'	<input checked="" type="checkbox"/>
4 railway	"type" = 'railway'	<input checked="" type="checkbox"/>

Input layer: lines

Parent algorithms: 0 elements selected

Buttons: Help, Cancel, OK



# METADATEN

## WEIL ICH ES MIR WERT BIN







**LIVE DEMO**





# MIGRATION










# WORKFLOWS





# MODELLE VERARBEITUNGSWE RKZEUGE



**FRAGEN?**

