



QGIS2Mapbender QGIS Plugin

Publish your QGIS Project directly in Mapbender



Astrid Emde WhereGroup | FOSS4G Europe 2025 | Mostar | Bosnia-Herzegovina

Slides https://github.com/astroidex/presentations/tree/master/FOSS4G-Europe-2025



GIS-Consultant FOSS-Academy Trainings

Mapbender PSC & technical Lead

OSGeoLive PSC QGIS-DE OSGeo FOSSGIS e.V.

astrid.emde@wheregroup.com

WhereGroup GmbH Bonn









WhereGroup

- 50 employees developers, consultants & geospatial experts
- Working with & supporting Open Source Geospatial Software for more than 15 years
- Berlin | Bonn | Freiburg | Hamburg
- FOSSGIS e.V. member & OSGeo sponsor
- Company behind Mapbender & MapComponents
- Training Institute FOSS Academy





QGIS2Mapbender



QGIS-Project

Create your QGIS project

Transfer via QGIS2Mapbender

via Mapbender API

QGIS Server WMS

QGIS-Project & Data ready to use as QGIS Server Service

Publish /
Update in Mapbender

Use the WMS in Mapbender

Assign WMS to an application & layerset



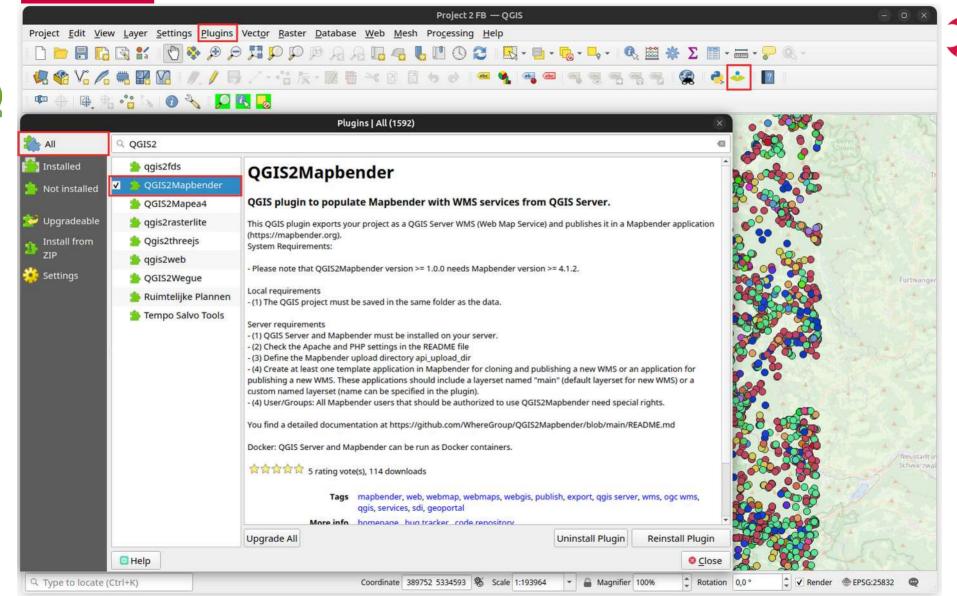


QGIS2Mapbender Requirements

- Needs Mapbender Version 4.1.3
- Plugin needs link to QGIS Server and Mapbender
- Needs Mapbender user with sufficient rights
- Plugin needs additional configuration for Mapbender and Apache
- QGIS Server needs access to the Mapbender upload directory
- https://github.com/WhereGroup/QGIS2Mapbender/blob/main/README.md
- https://plugins.qgis.org/plugins/qgis2mapbender/

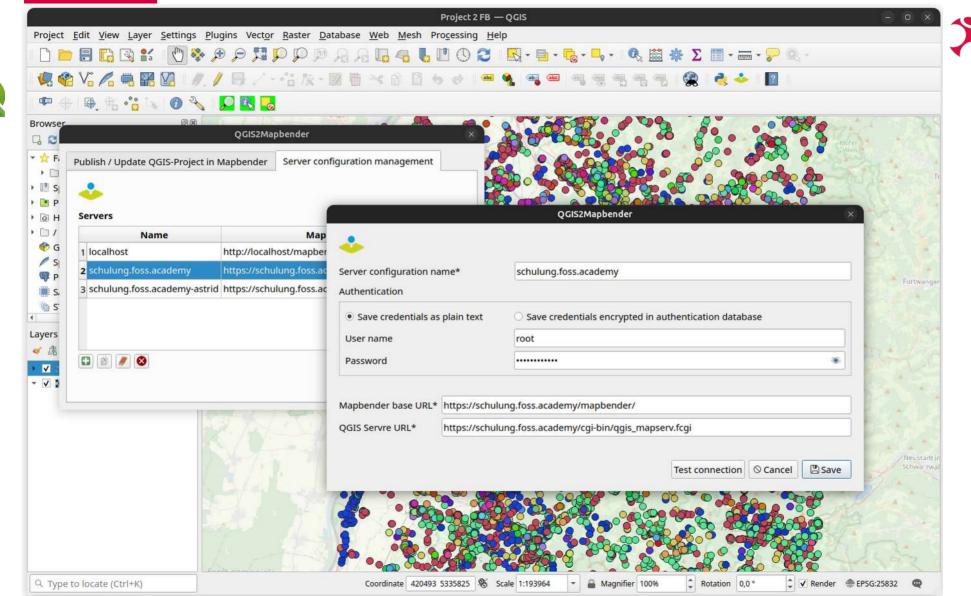






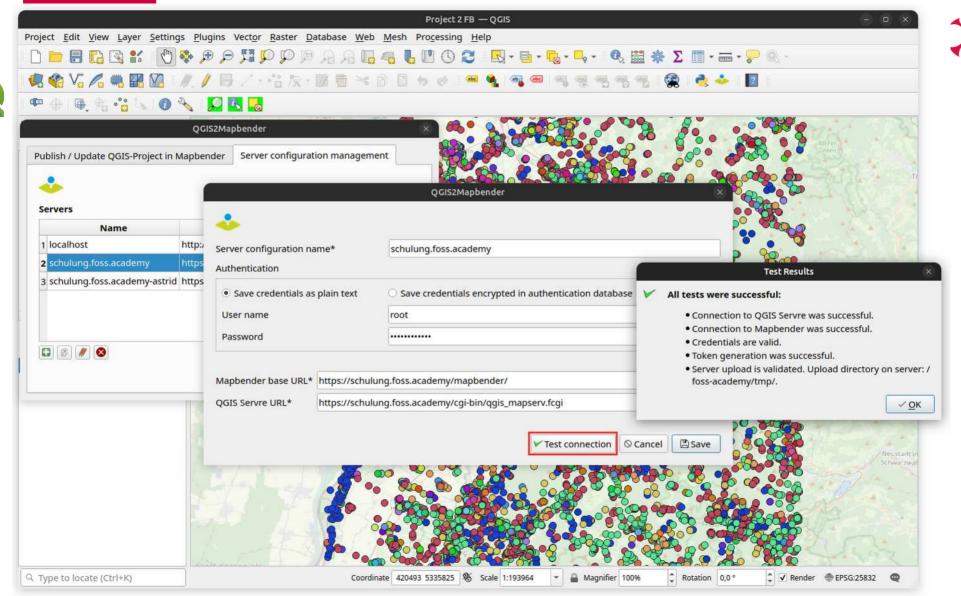






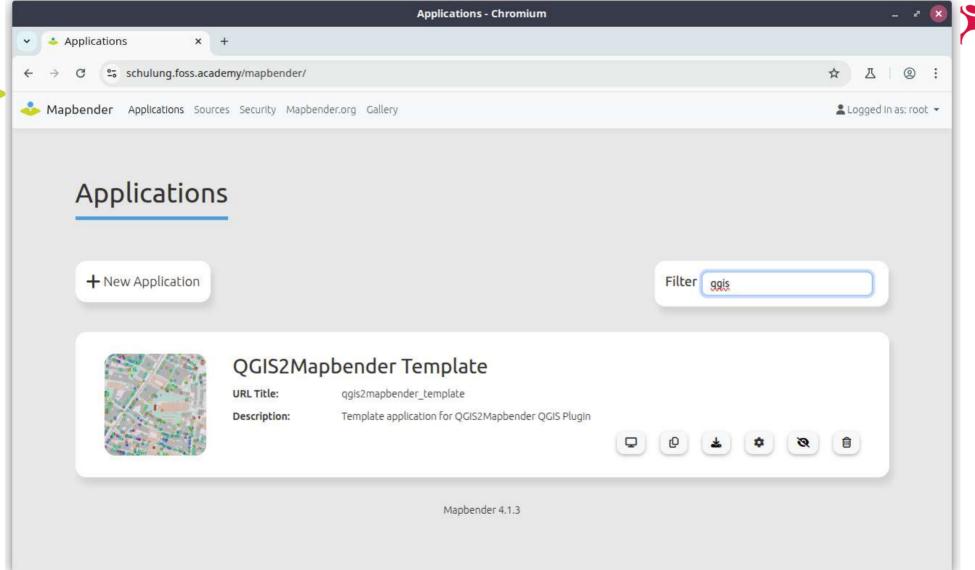










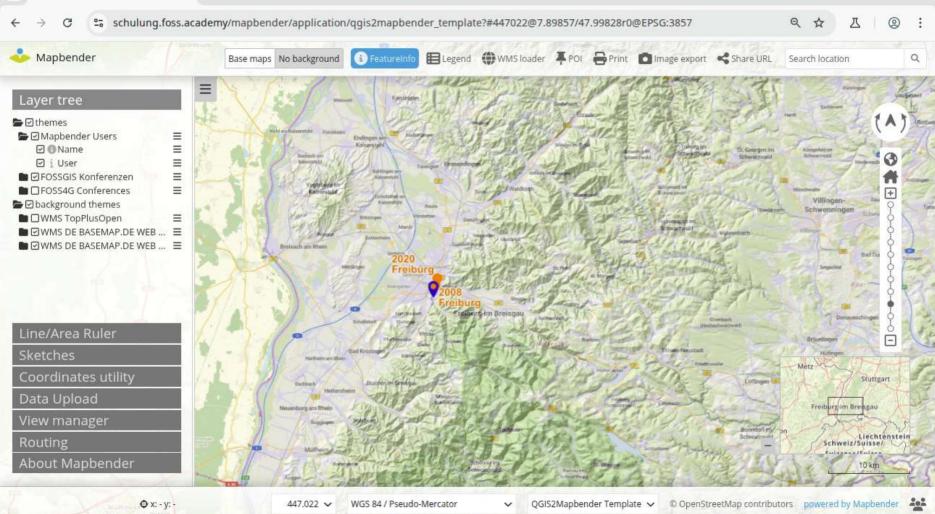




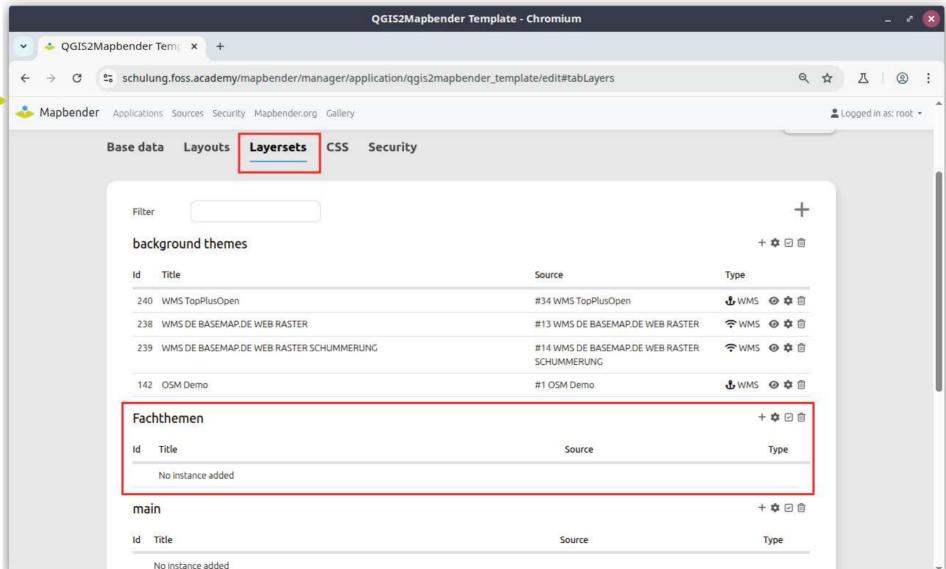




Mapbender - QGIS2Ma × +



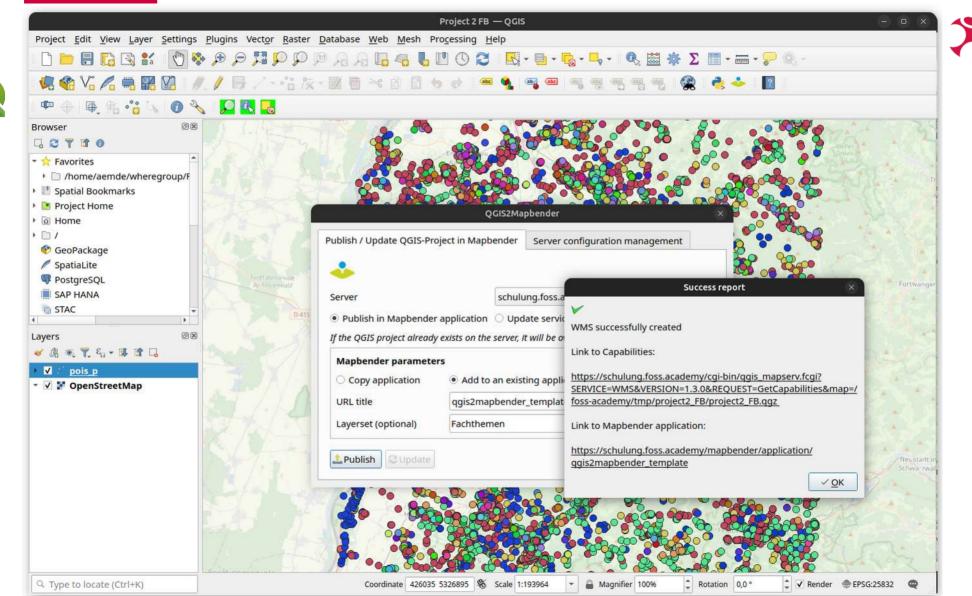


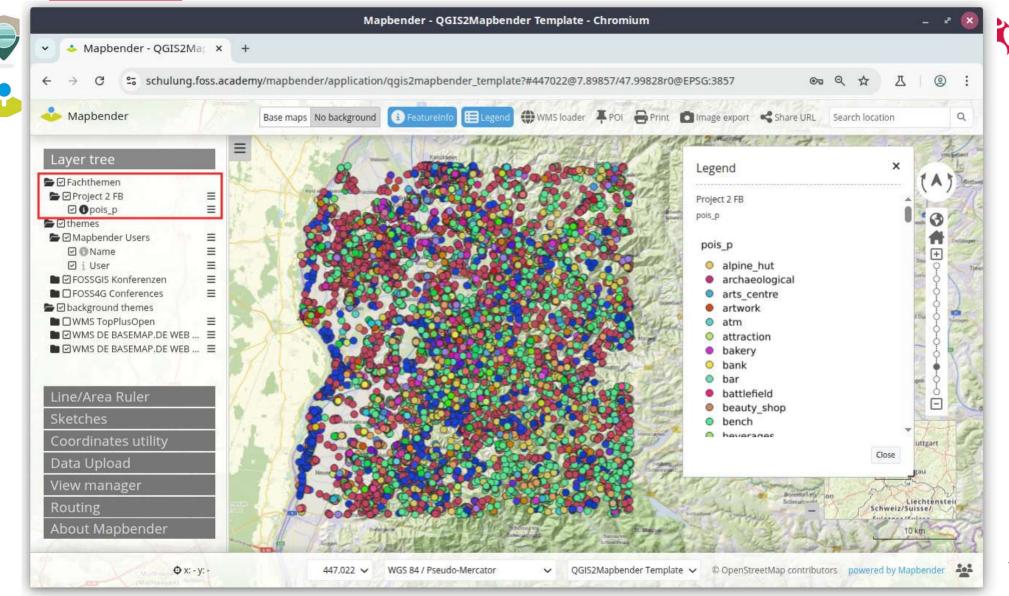






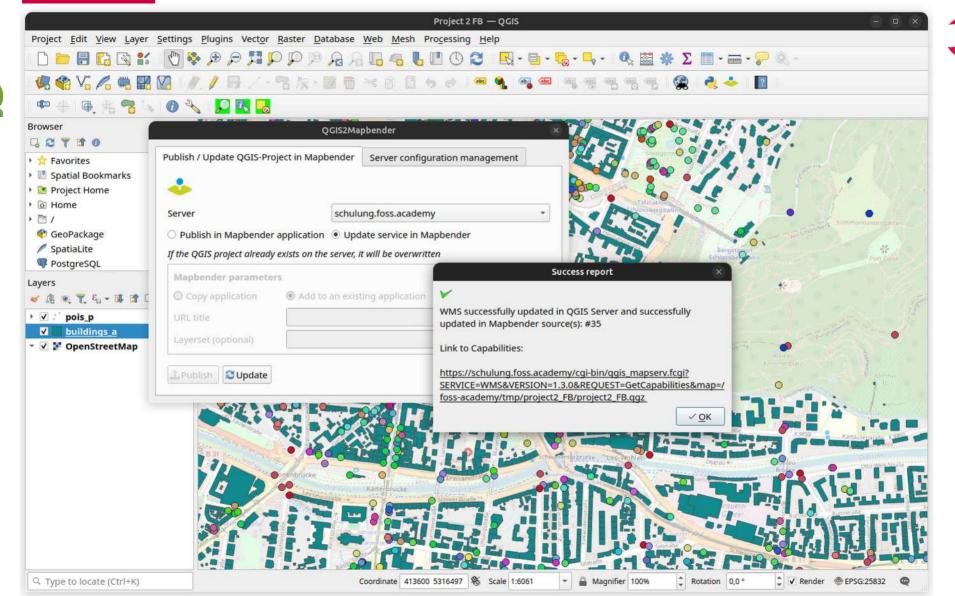


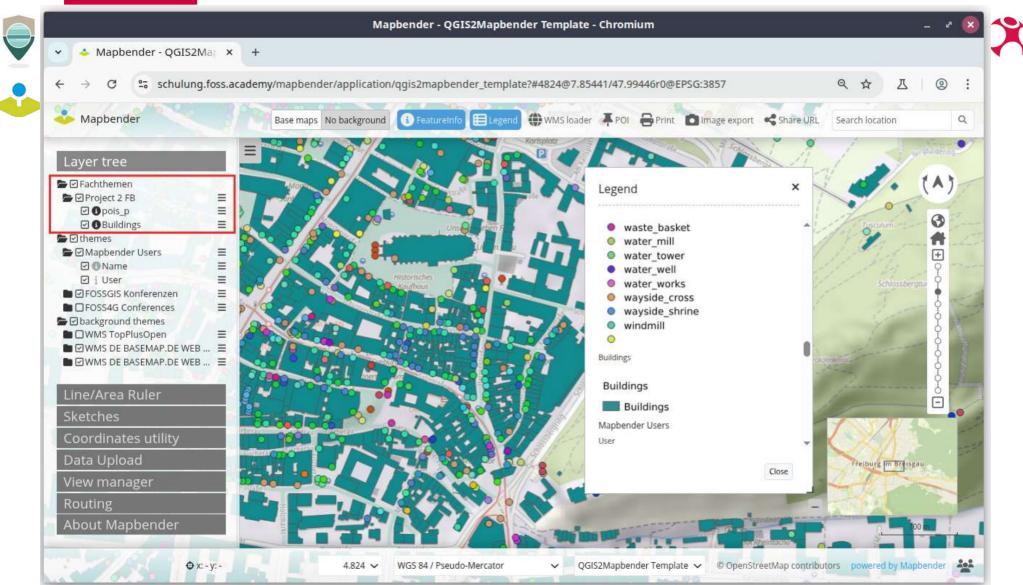




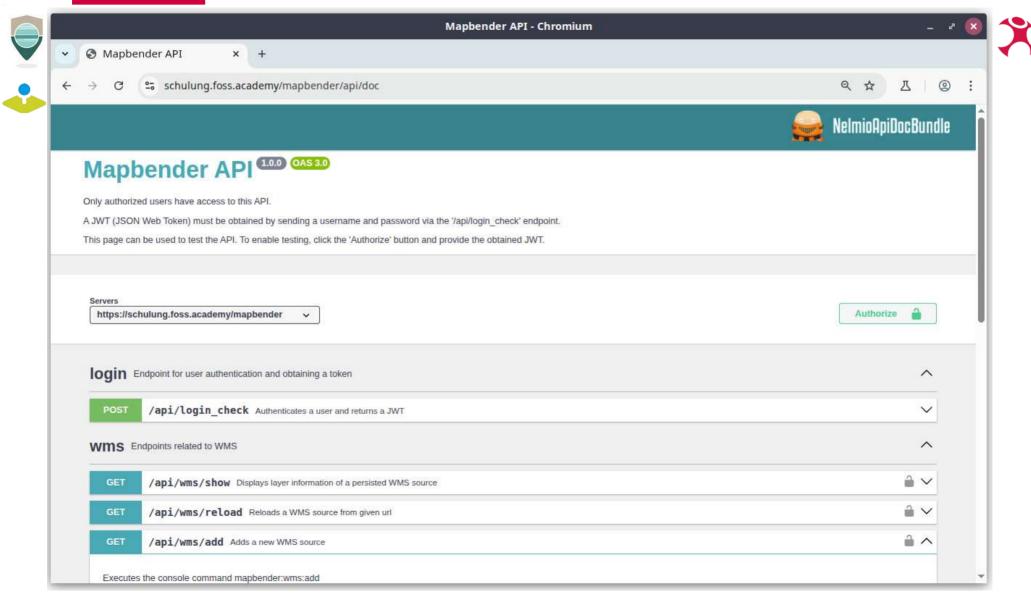
















QGIS2Mapbender – ideas & next steps

- More options
 - Upload QGIS project without transfer of the data (only upload QGIS file)
 - Upload QGIS project without publishing in Mapbender
- Support for QGIS projects saved in the PostgreSQL database
- I18n provide support for other languages (already in progress)
- Mapbender options
 - Decide how to handle new layers on update
 - Additional Mapbender settings: activate proxy, convert to Shared Instance







Thanks a lot for your attention

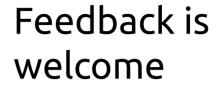
Slides

https://github.com/astroidex/presentations/tree/master/FOSS4G-Europe-2025











Website

https://mapbender.org



Mailingliste

mapbender_users@lists.osgeo.org



E-Mail

astrid.emde@wheregroup.com



Adresse

Eifelstraße 7 53119 Bonn

