



Mapbender3

Astrid Emde
Intergeo 2013 Essen

Astrid Emde

- Mapbender Team
-  WhereGroup
- FOSSGIS e.V.
- OSGeo und OSGeo-Live

Was macht Mapbender?



WebGIS Client Suite mit Administrations-Webinterface



Erzeugen eines Geoportals ohne eine Zeile Code zu schreiben!



Anlegen und Pflegen eines OWS Repositories



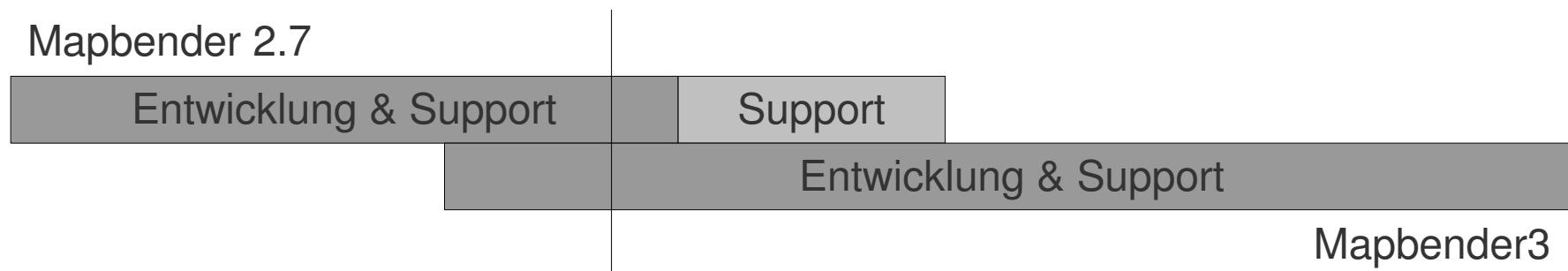
Zuweisung konfigurierter Dienste an Anwendungen



Vergabe von Benutzer- und Gruppen-Rechten an Anwendungen und Dienste



Von Mapbender 2.x nach Mapbender3





Mapbender Komponenten

Anwendungen

Dienste

Rollen



Anwendungen

**eine oder viele
je nach Bedarf**



Dienste

OWS

WMS

WFS

WMTS & more

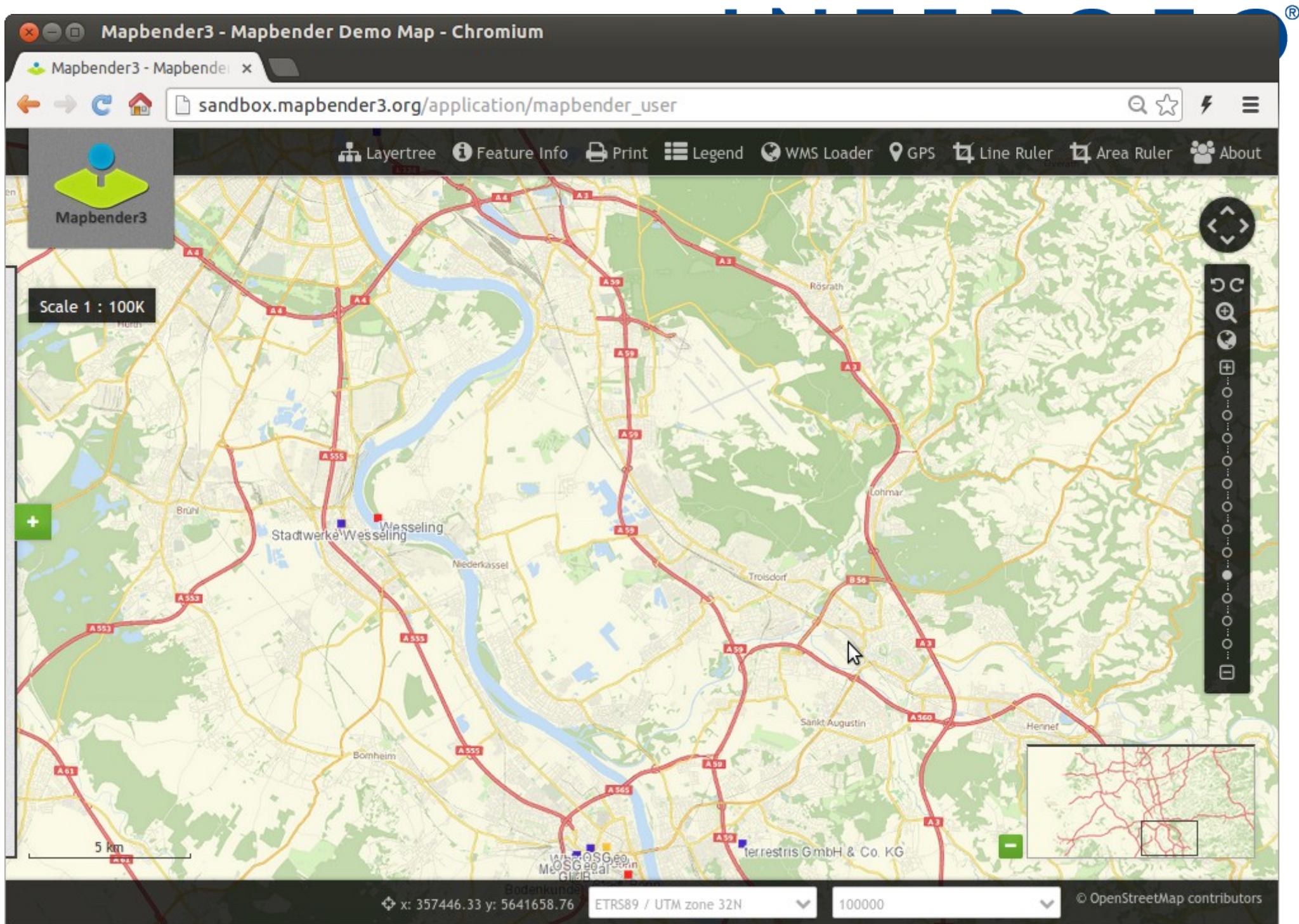


Rollen

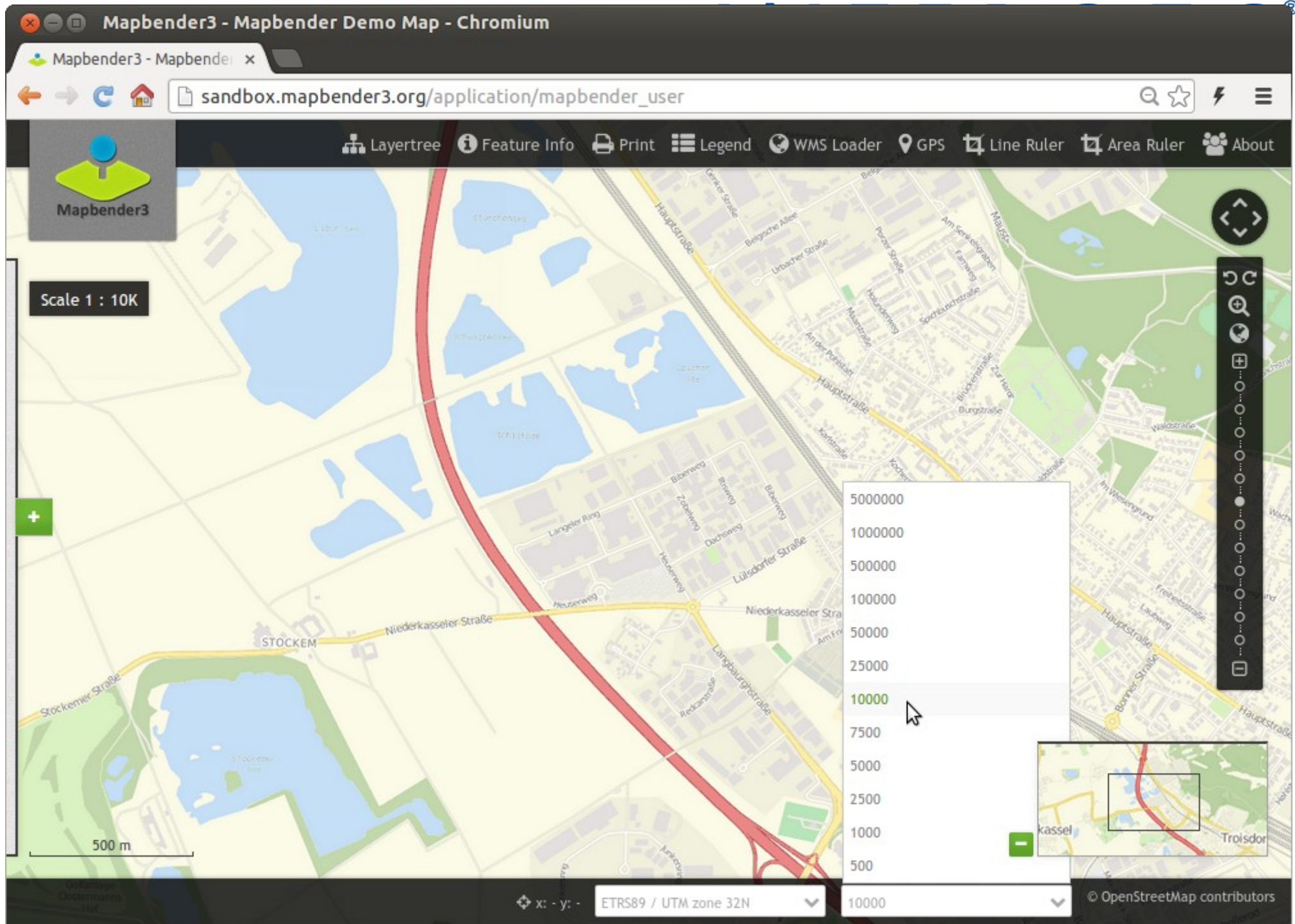
Benutzer und Gruppen



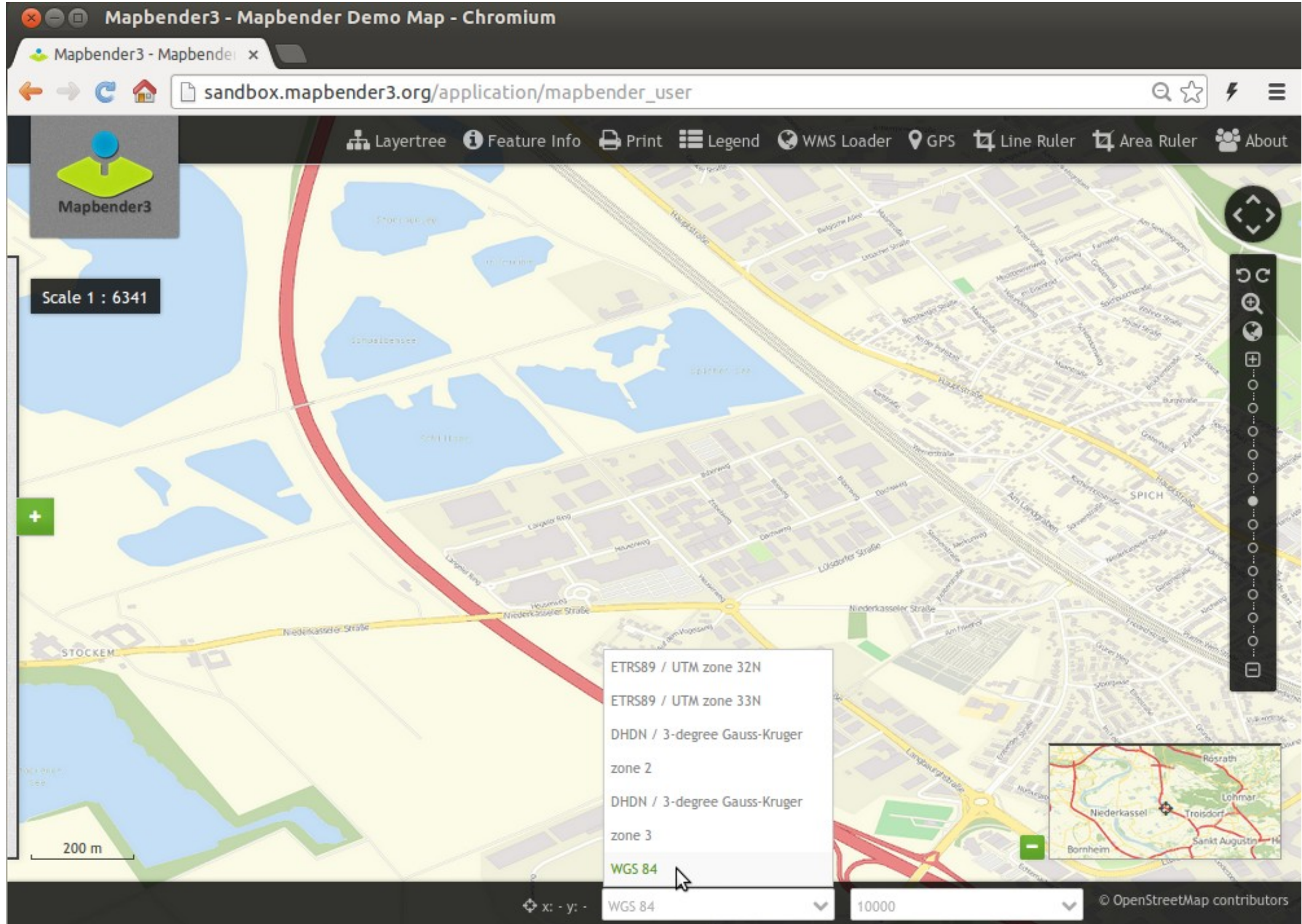
Anwendungen

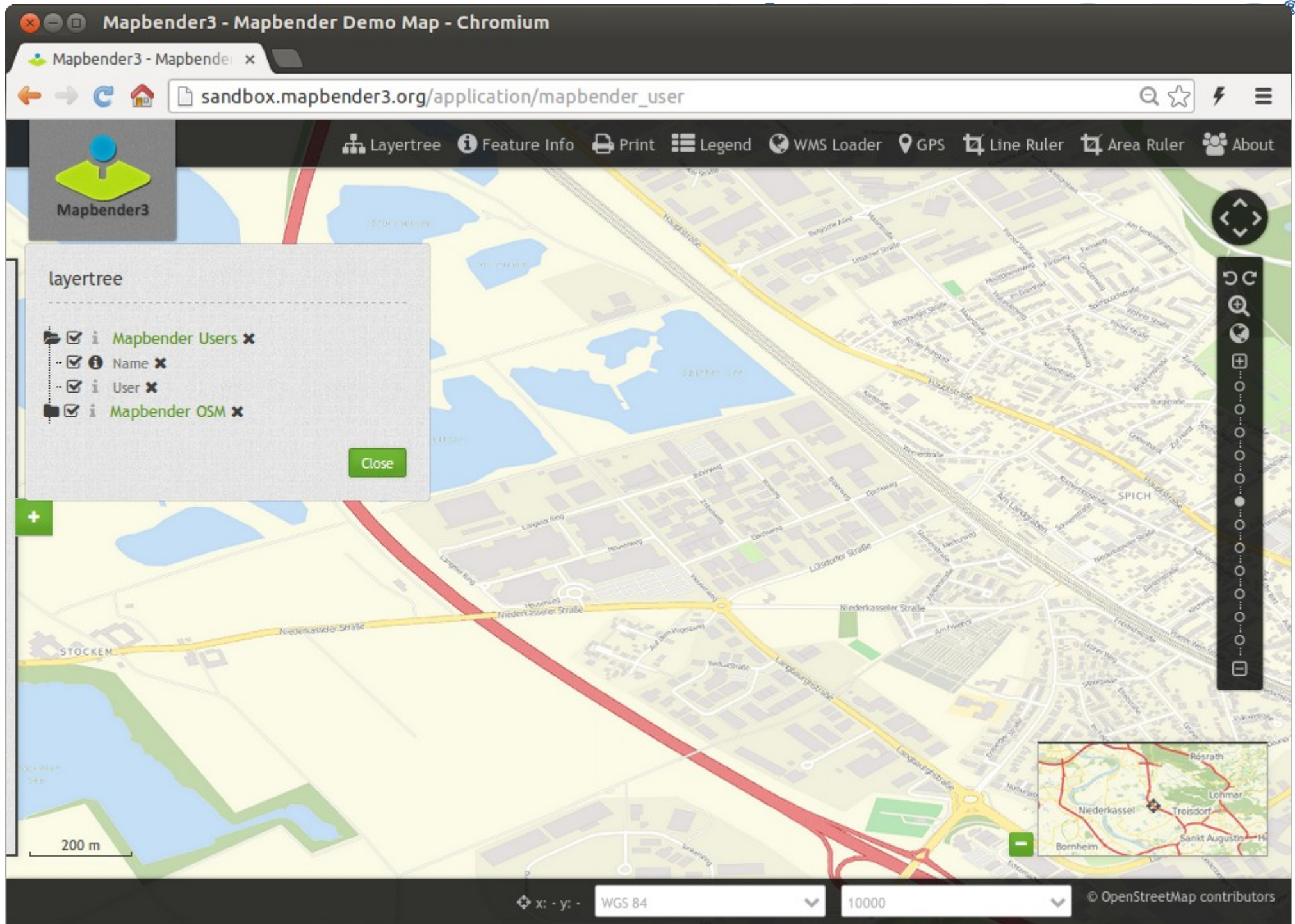


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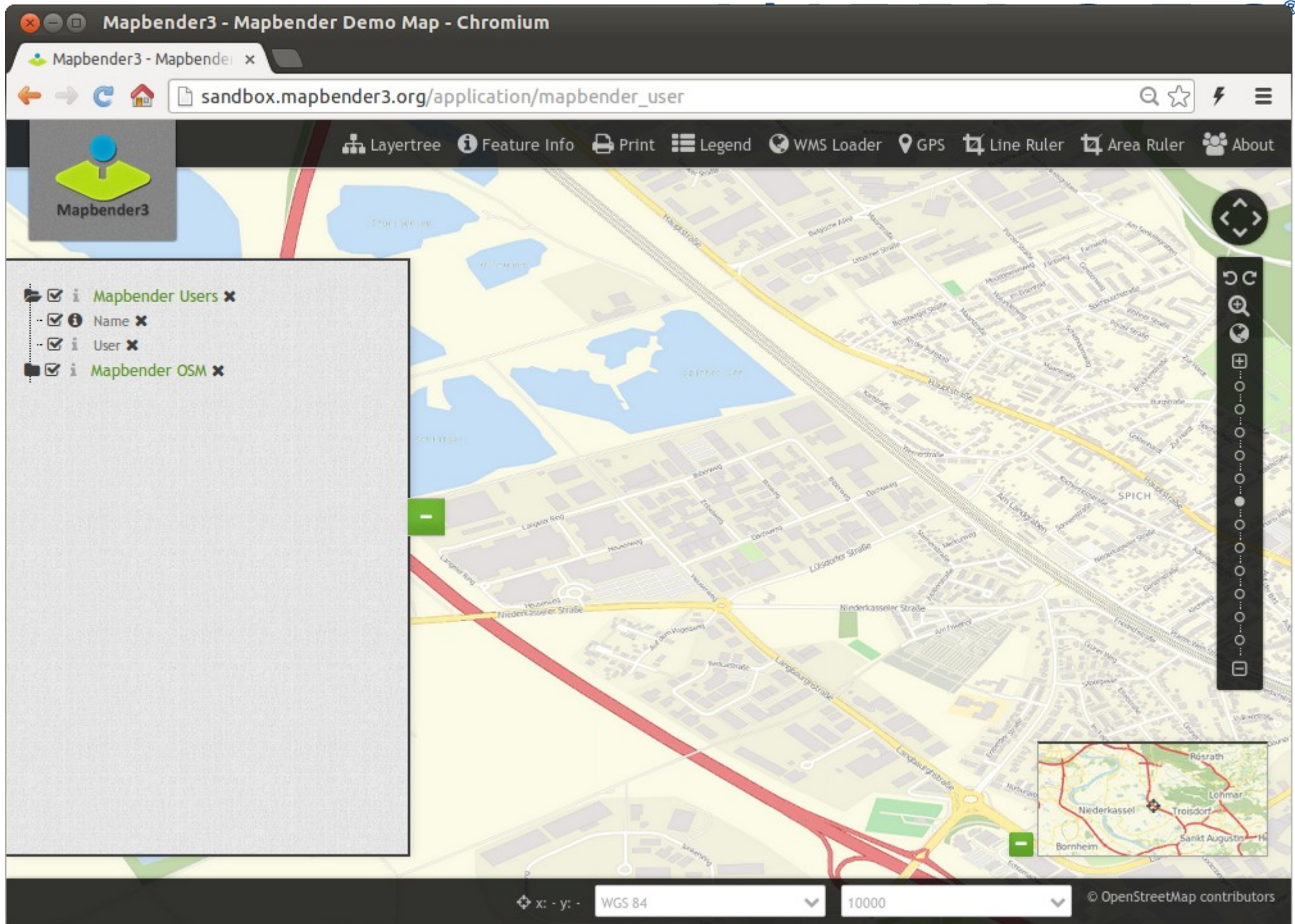


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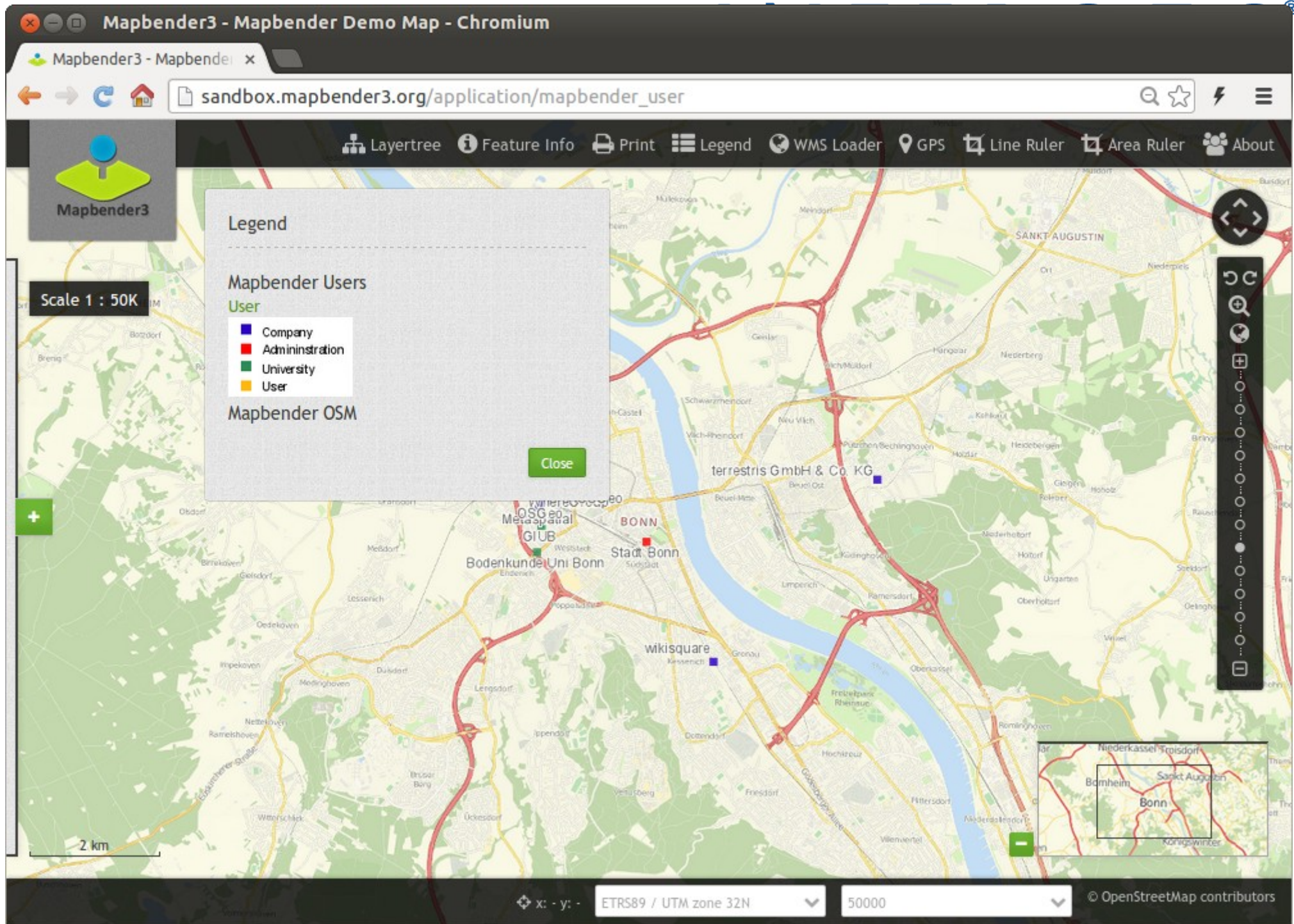




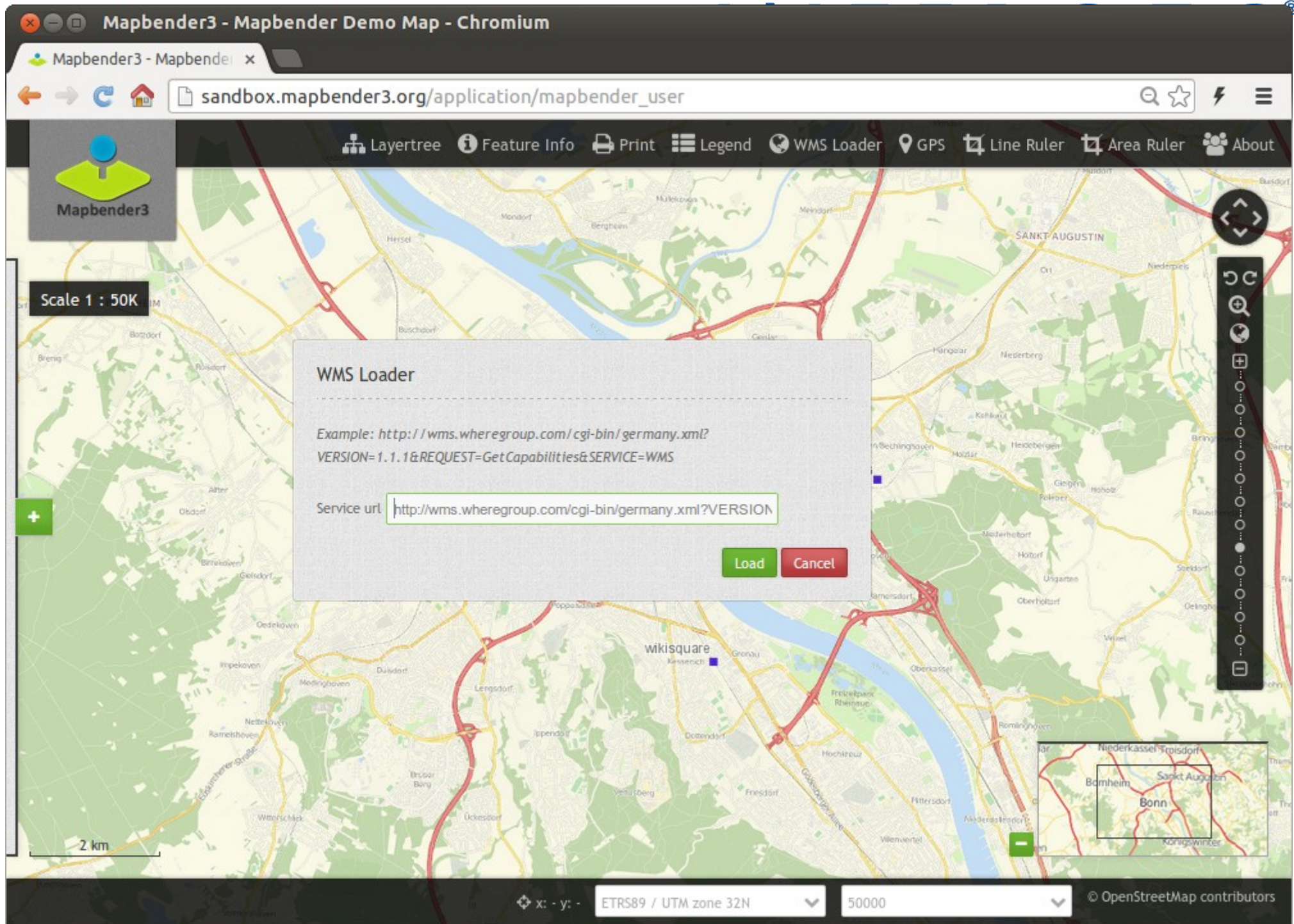
Mapbender3 Astrid Emde Intergéo 2013 Essen

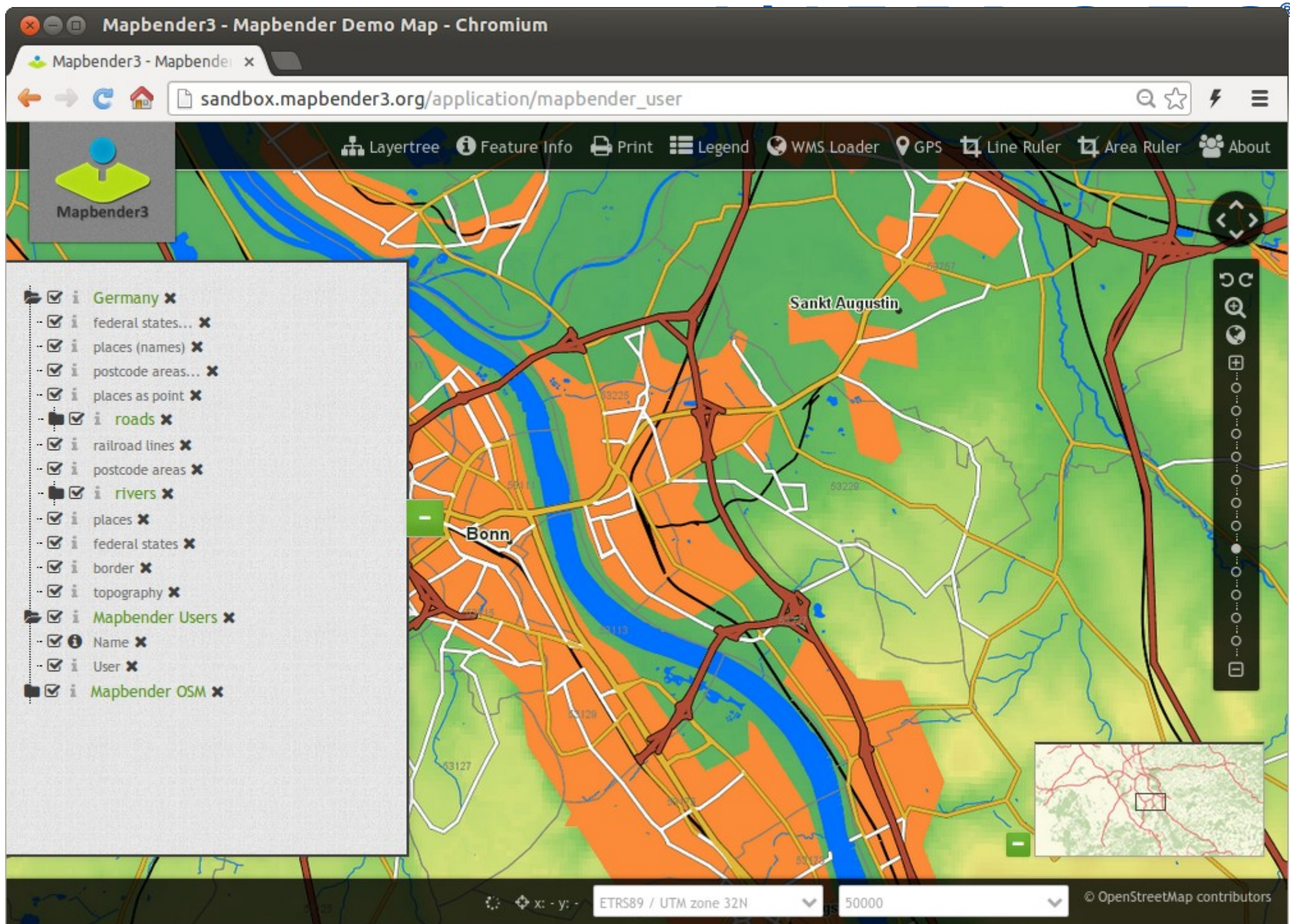


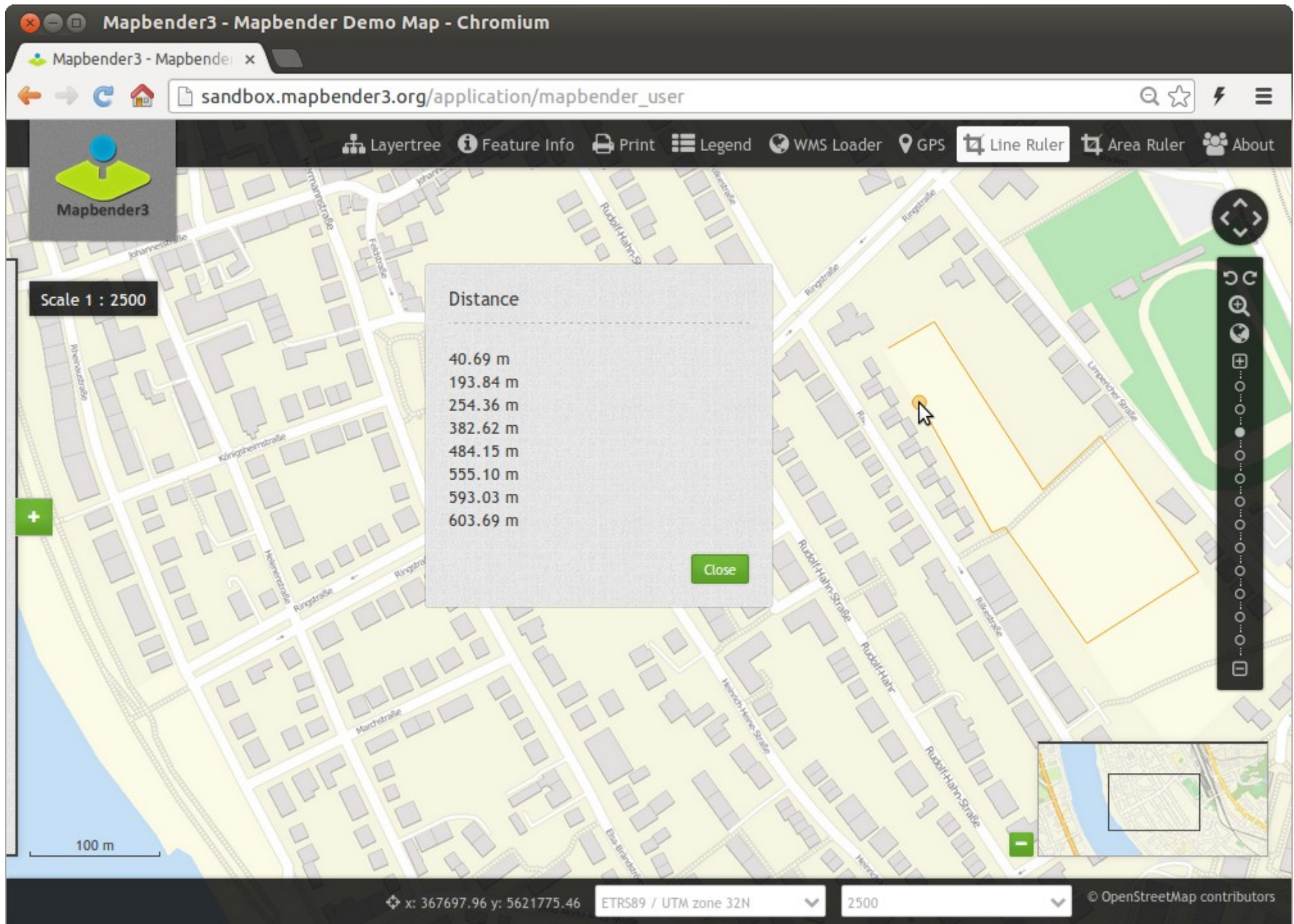
Mapbender3 Astrid Emde Intergéo 2013 Essen

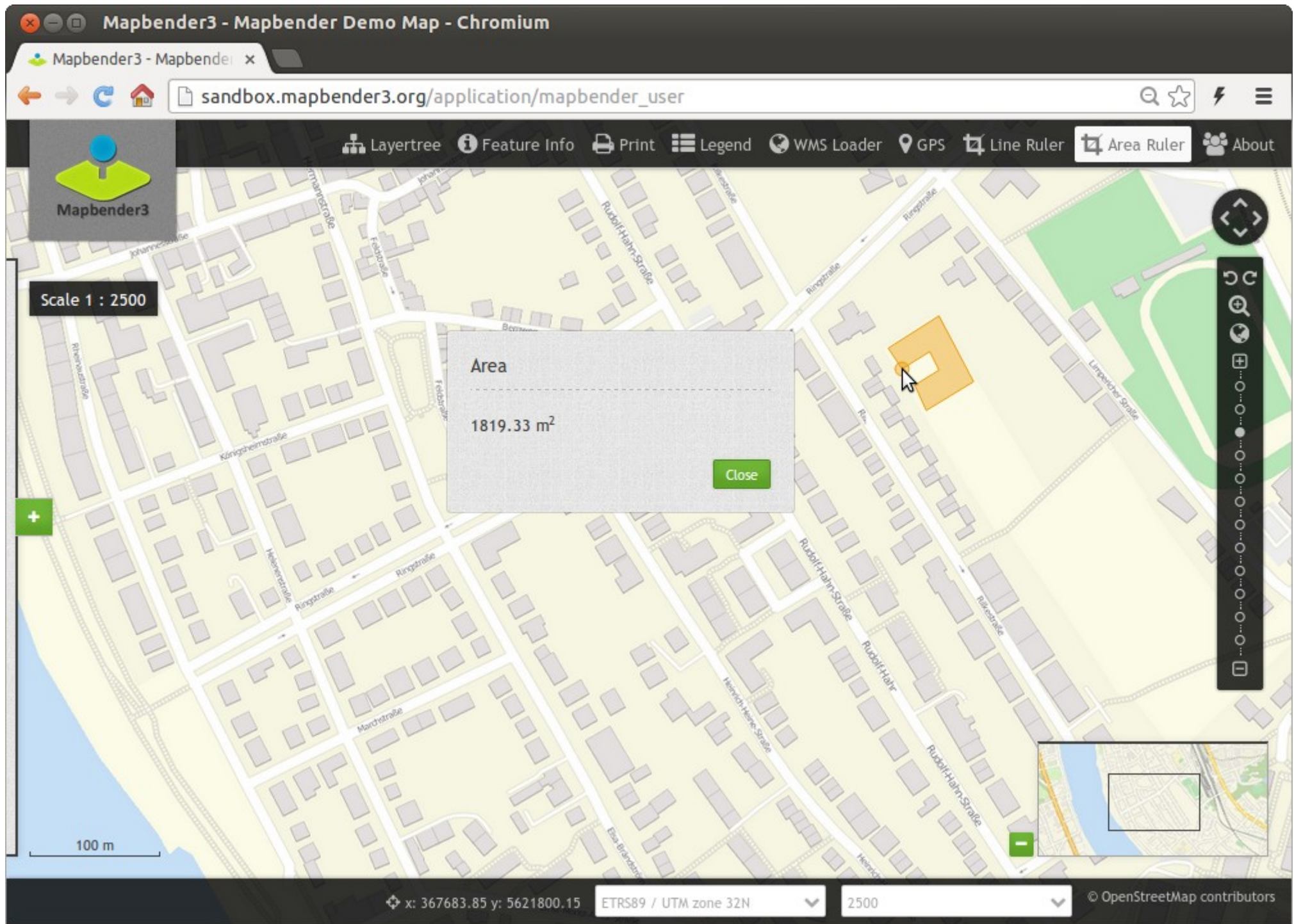


Mapbender3 Astrid Emde Intergéo 2013 Essen

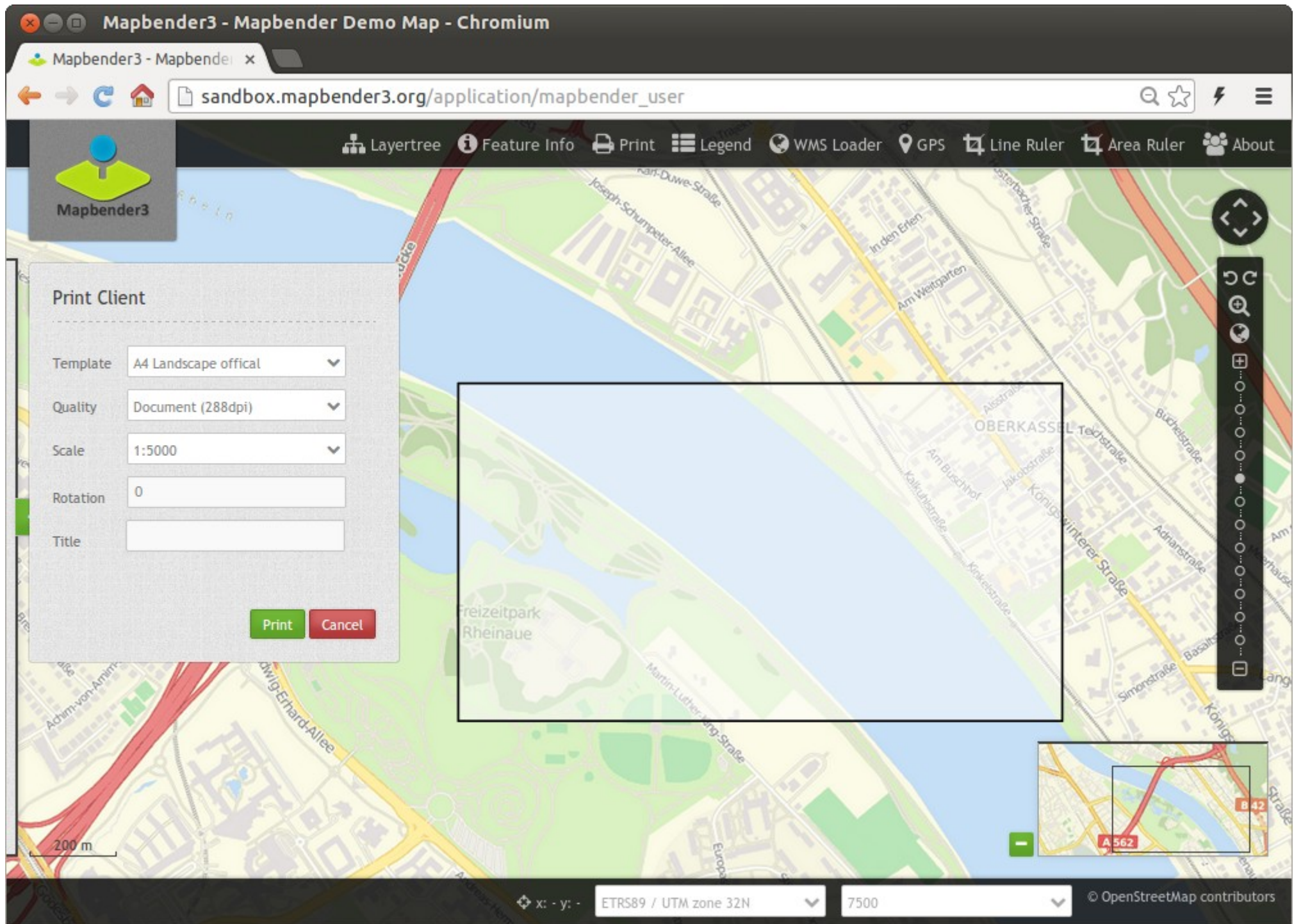




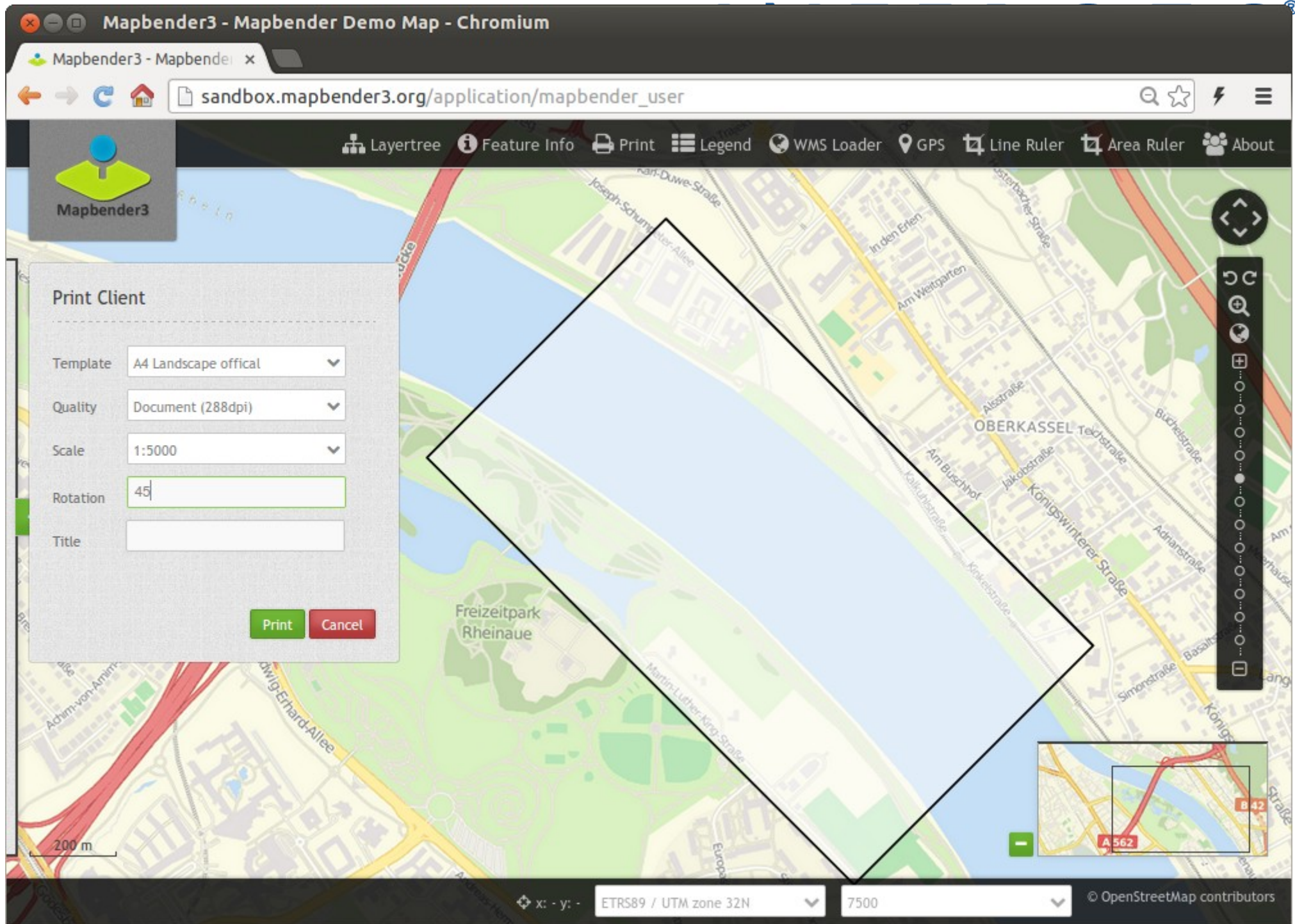




Mapbender3 Astrid Emde Intergeo 2013 Essen



Mapbender3 Astrid Emde Intergeo 2013 Essen



Mapbender3 Astrid Emde Intergéo 2013 Essen





Erzeugen Sie Ihre eigene Anwendung



Anmeldung

- root-Benutzer wird bei der Installation erzeugt
- Registrierung und Passwort anfordern kann aktiviert werden

The screenshot shows a login form with the title "Login" in a stylized font. Below the title is a dashed horizontal line. There are two input fields: "Username:" and "Password:". The "Username:" field has a green border and a cursor. Below the input fields are two links: "Register" and "Forgot password?". To the right of these links is a green "Login" button.

Mapbender3 - Applications - Chromium

Mapbender3 - Application x

sandbox.mapbender3.org/manager/applications

Logged in as: root

















v. 3.0.1.0

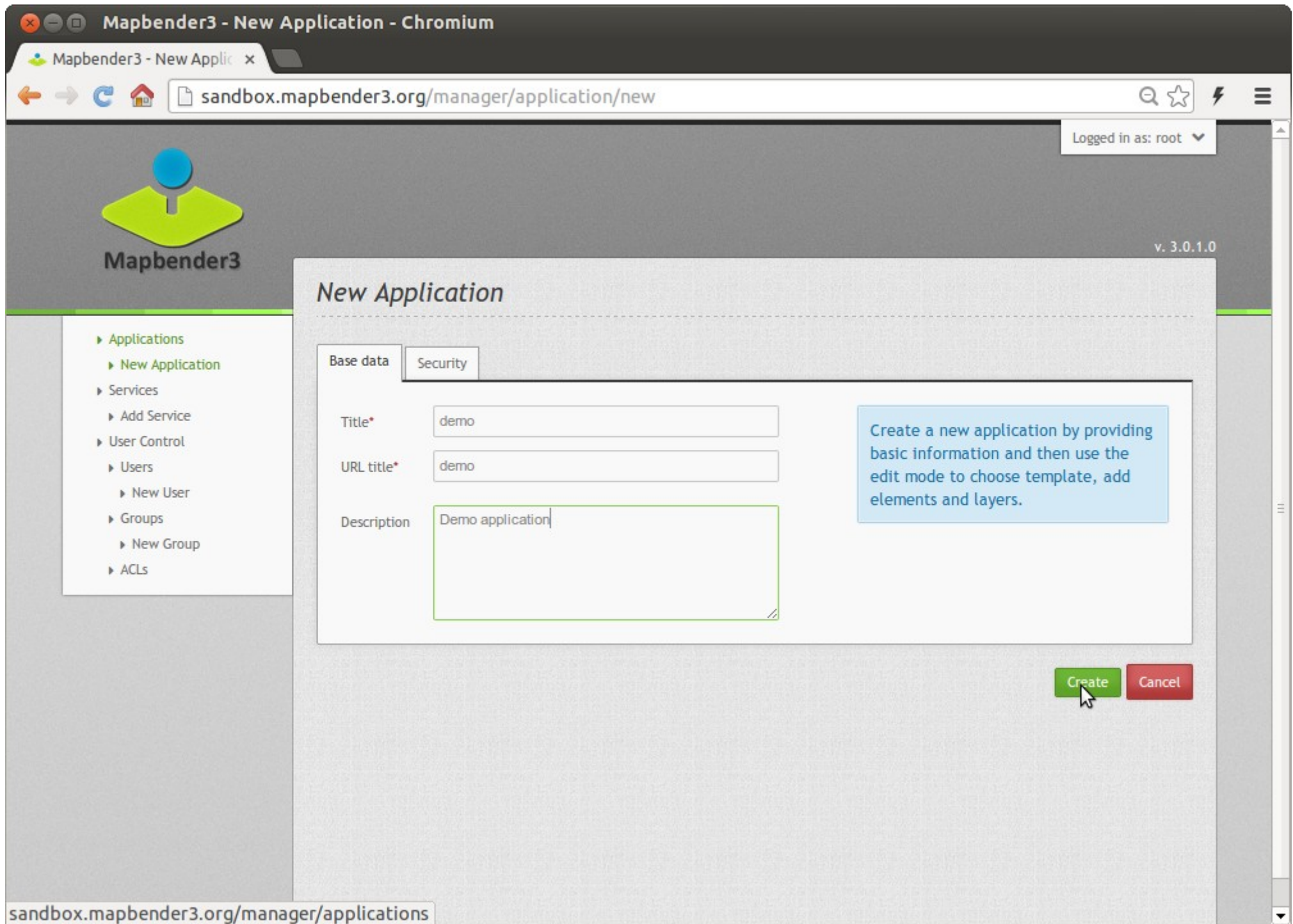
Mapbender3

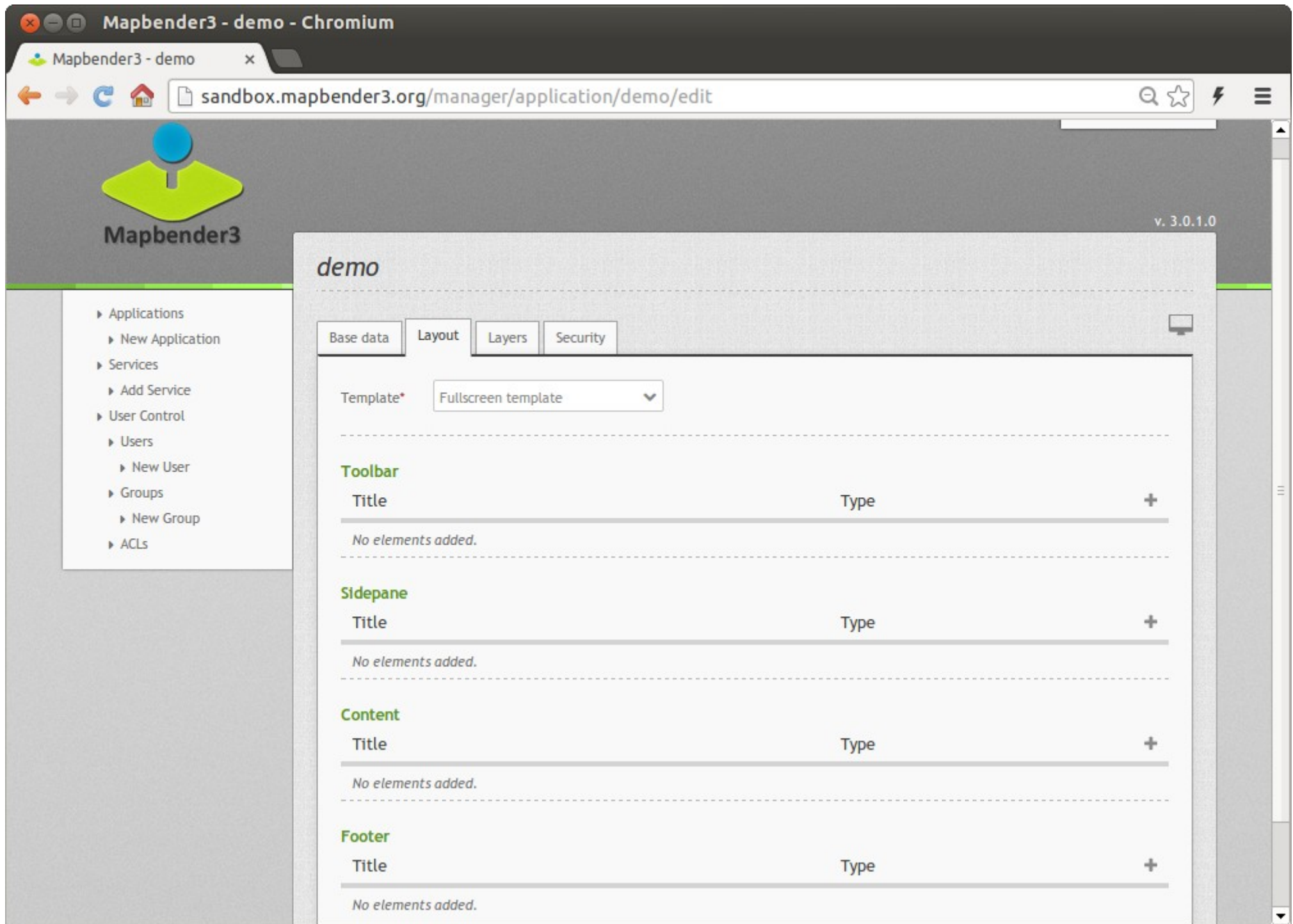
- Applications
 - New Application
- Services
 - Add Service
- User Control
 - Users
 - New User
 - Groups
 - New Group
 - ACLs

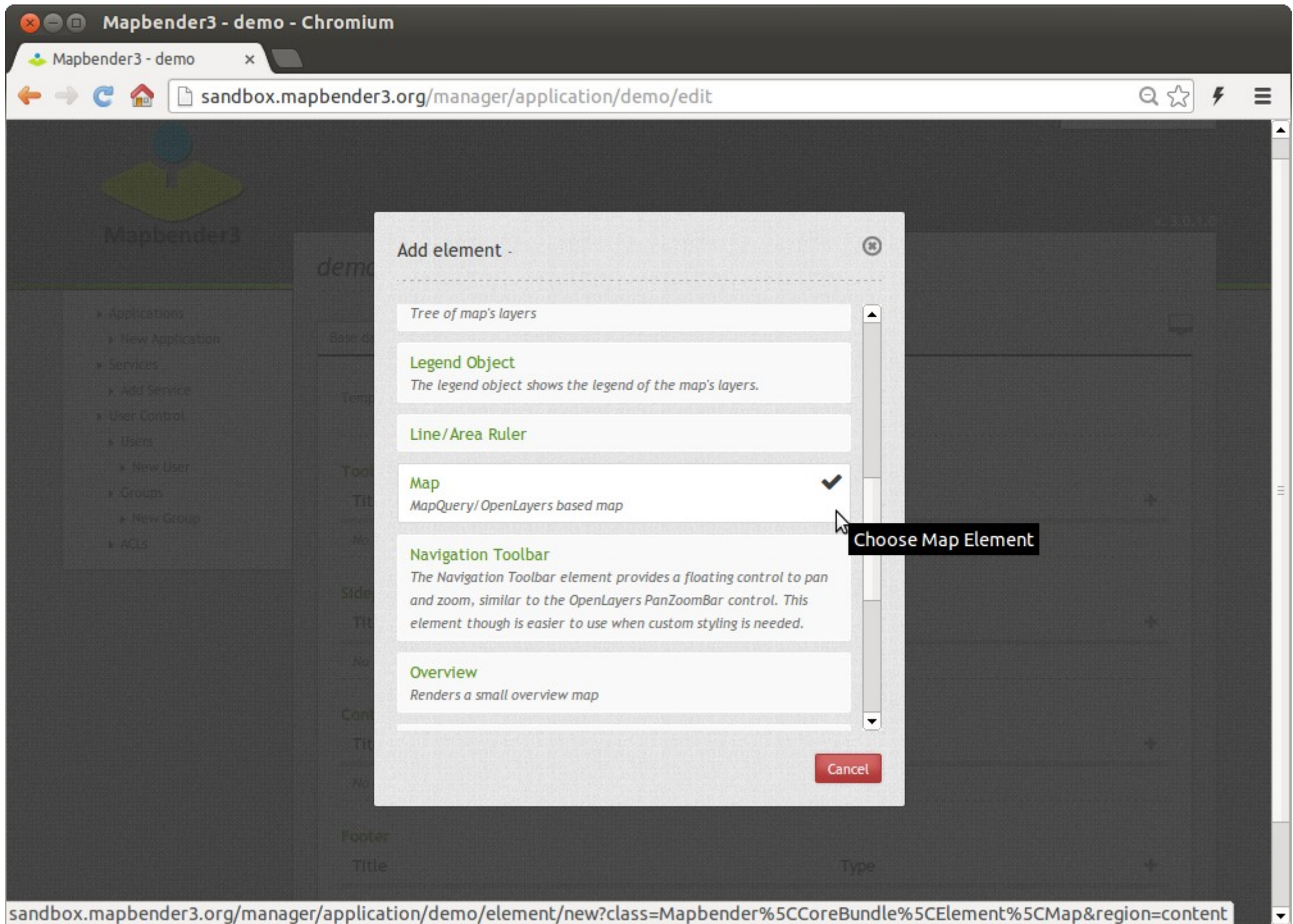
Applications

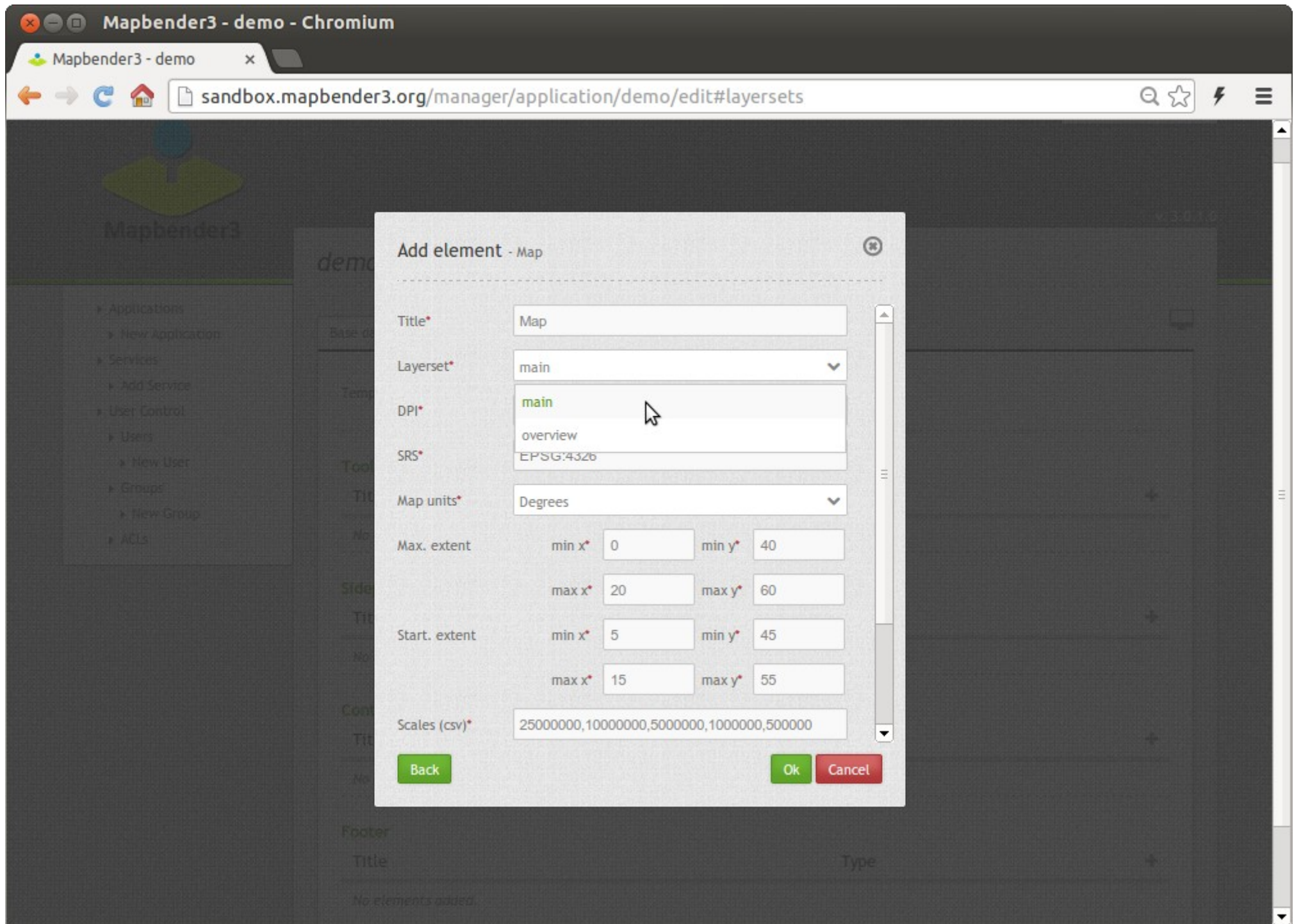
Filter:

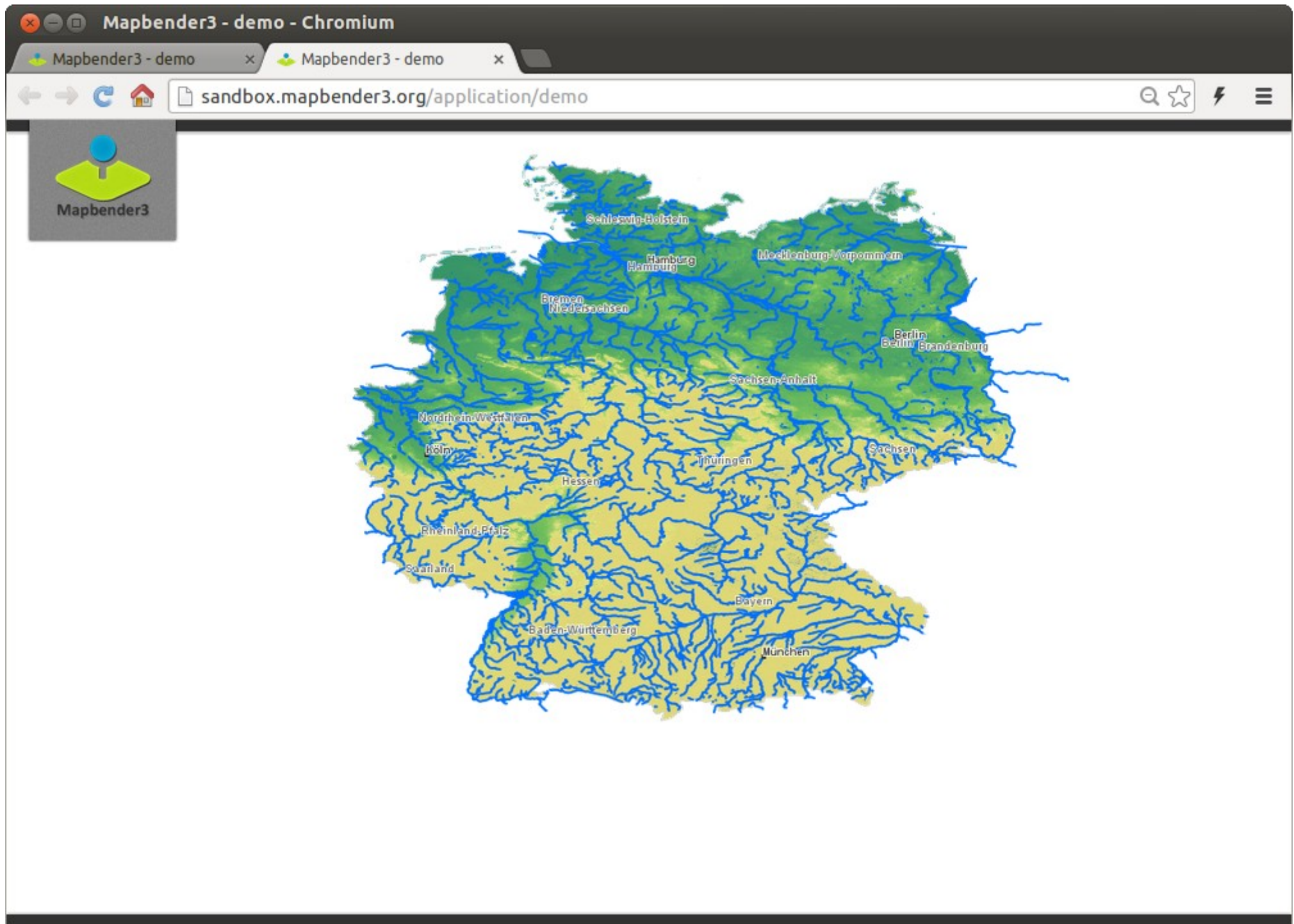
	Mapbender Demo Map mapbender_user Fullscreen style, Simple map showing WMS use.	
	Mapbender Demo Map basic mapbender_user_basic Fullscreen style, simple buttons, simple map showing WMS use.	
	1378996 Mapbender Demo Map 1378996_mapbender_user Fullscreen style, Simple map showing WMS use.	    
	13789 Mapbender Demo Map basic 13789_mapbender_user_basic Fullscreen style, simple buttons, simple map showing WMS use.	    







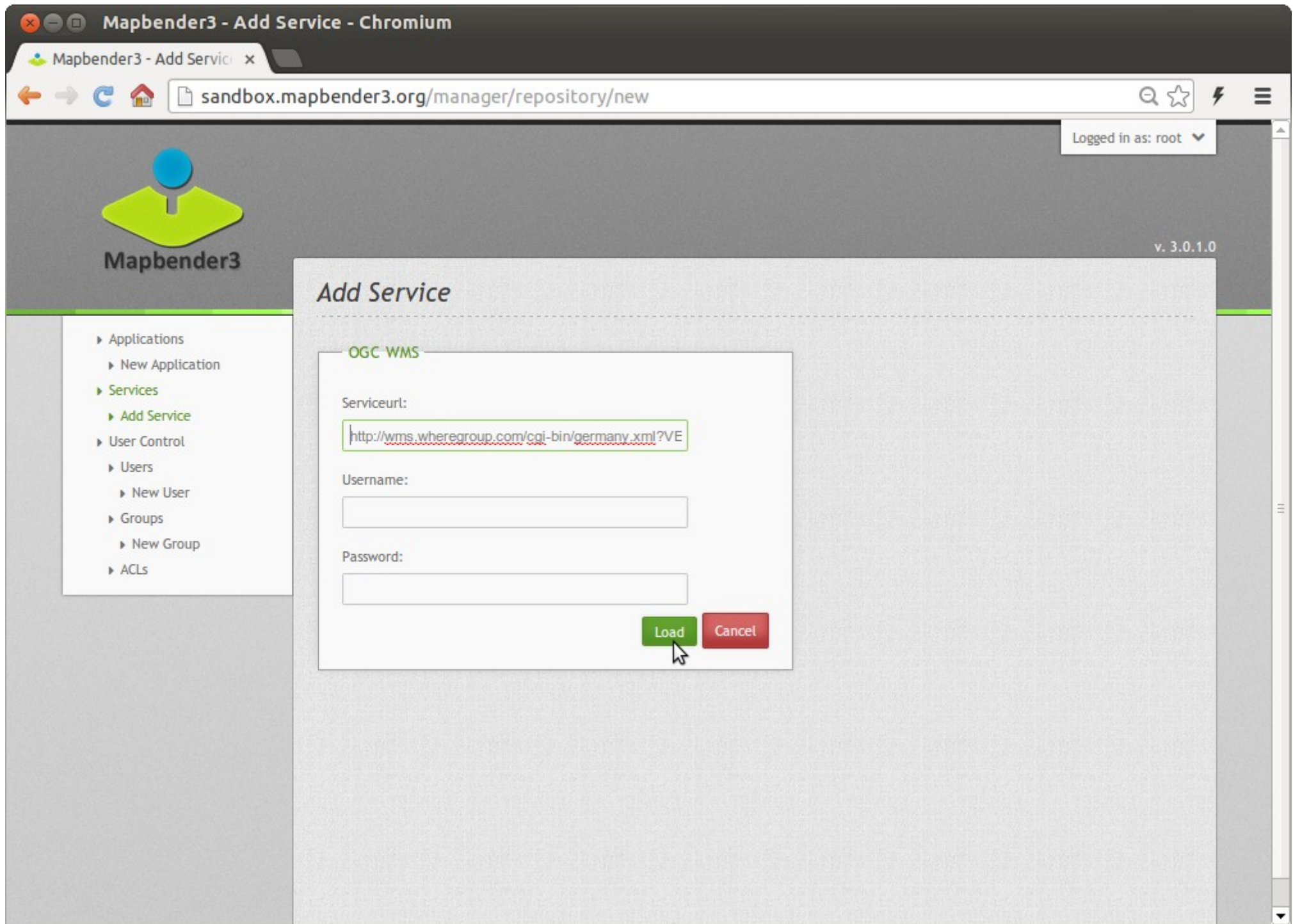






Dienste

**Einmaliges Veröffentlichen
Konfiguration
Zugriffskontrolle**



Mapbender3 - Services - Chromium

Mapbender3 - Services x

sandbox.mapbender3.org/manager/repository

Logged in as: root

v. 3.0.1.0

Mapbender3

- Applications
 - New Application
- **Services**
 - Add Service
- User Control
 - Users
 - New User
 - Groups
 - New Group
 - ACLs

Services

Filter

1
WMS

Germany

Germany

2
WMS

BGS 50000 scale digital geology

Note: This dataset is designed for the 1:50000 scale but can be viewed in this WMS between 1:100000 and 1:25000 (Only). The 1:50 000 DiGMapGB data covering the whole of the United Kingdom is available in this OGC WMS service for your personal, non-commercial use only. Separate bedrock geology, superficial deposits, artificial ground, mass movement deposits and geological linear features layers are available in this service. For information about more of the British Geological Survey's maps that are available digitally please visit <http://www.bgs.ac.uk/products/digitalmaps/digmapgb.html>. These data are delivered under the terms of the Open Government Licence (<http://www.nationalarchives.gov.uk/doc/open-government-licence/>), subject to the following acknowledgement accompanying the reproduced BGS materials: Contains British Geological Survey materials copyright NERC [year]. Contact us if you create something new and innovative that could benefit others using bgsdata@bgs.ac.uk.

3
WMS

British Geological Survey (BGS) 1:625 000 scale digital hydrogeological data

The hydrogeological map indicates aquifer potential in generalised terms using a threefold division of geological formations: those in which intergranular flow in the saturated zone is dominant, those in which flow is controlled by fissures or

Mapbender3 - WMS BGS 50000 scale digital geology - Chromium

Mapbender3 - WMS BGS 5 x

sandbox.mapbender3.org/manager/repository/source/2

Logged in as: root

v. 3.0.1.0

Mapbender3

- Applications
 - New Application
- Services
 - Add Service
- User Control
 - Users
 - New User
 - Groups
 - New Group
 - ACLs

WMS BGS 50000 scale digital geology

Metadata Contact Details Layers Back

Title: BGS 50000 scale digital geology

Name: OGC:WMS

Version: 1.1.1

Origin URL: http://maps.bgs.ac.uk/ArcGIS/services/BGS_Detailed_Geology/MapServer/WMSServer?service=WMS&version=1.1.1&request=GetCapabilities

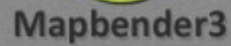
Abstract: Note: This dataset is designed for the 1:50000 scale but can be viewed in this WMS between 1:100000 and 1:25000 (Only). The 1:50 000 DiGMapGB data covering the whole of the United Kingdom is available in this OGC WMS service for your personal, non-commercial use only. Separate bedrock geology, superficial deposits, artificial ground, mass movement deposits and geological linear features layers are available in this service. For information about more of the British Geological Survey's maps that are available digitally please visit <http://www.bgs.ac.uk/products/digitalmaps/digmapgb.html>. These data are delivered under the terms of the Open Government Licence (<http://www.nationalarchives.gov.uk/doc/open-government-licence/>), subject to the following acknowledgement accompanying the reproduced BGS materials: Contains British Geological Survey materials copyright NERC [year]. Contact us if you create something new and innovative that could benefit others usingbgsdata@bgs.ac.uk.

Online Resource: http://www.bgs.ac.uk/products/digitalmaps/digmapgb_50.html

Exception Formats: application/vnd.ogc.se_xml , application/vnd.ogc.se_inimage , application/vnd.ogc.se_blank

Fees: none

Access constraints: Note: This dataset is designed for the 1:50000 scale but can be viewed in this WMS between 1:100000 and 1:25000 (Only). These data are delivered under the terms of the Open Government Licence (<http://www.nationalarchives.gov.uk/doc/open-government-licence/>), subject to the following acknowledgement accompanying the reproduced BGS materials: Contains British Geological Survey materials copyright NERC [year]. Contact us if you create something new and innovative that could benefit others



Origin URL

Save

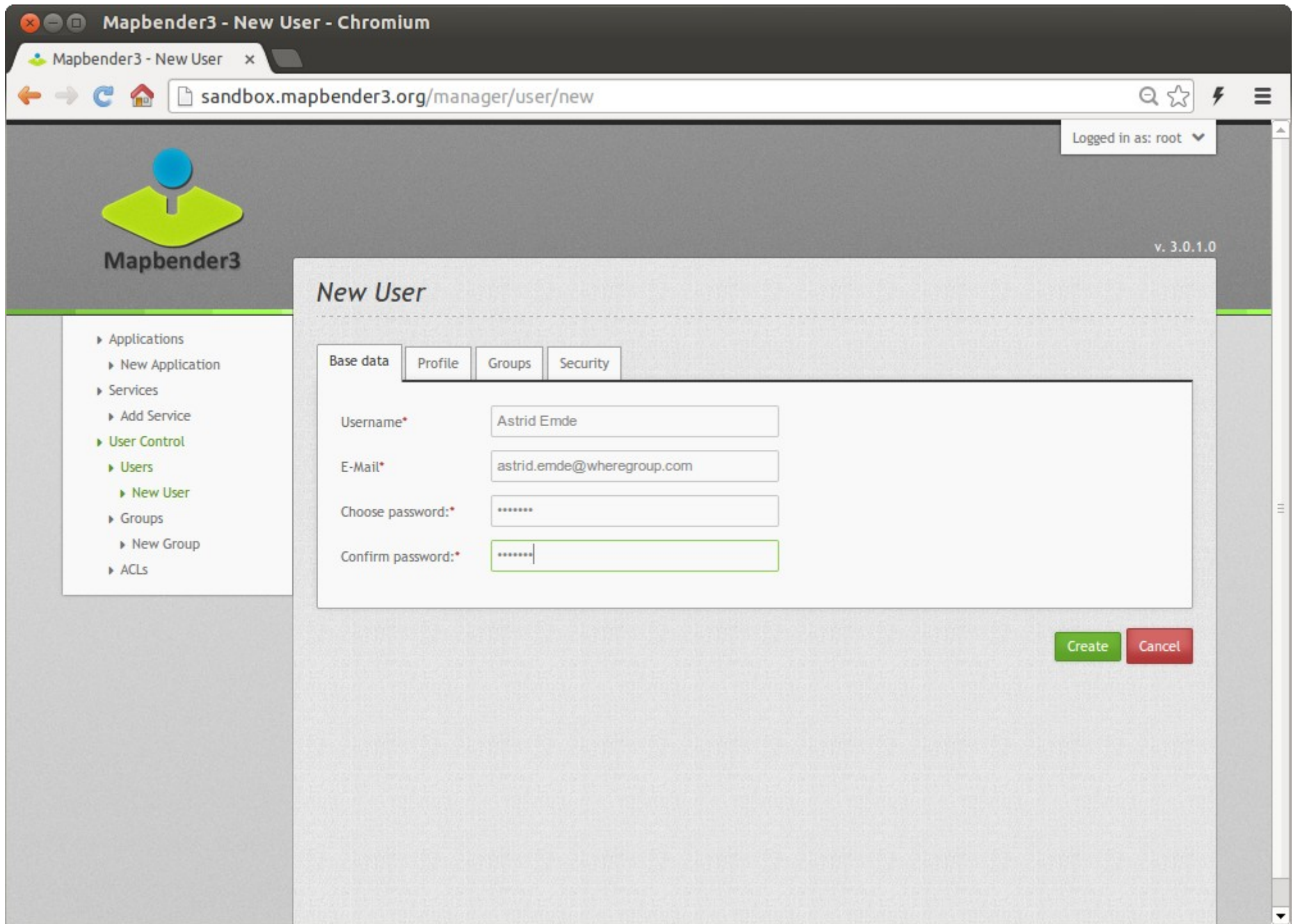
Cancel

☒ Visible☐ Proxy☒ Transparency☐ Tiled

Title		Minsc	Maxsc	Active	Select		Info		Toggle		Reorder	
					allow	on	allow	on	allow	on	allow	
				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="text" value="Germany"/>		<input type="text" value="1"/>	<input type="text" value="9.99999460"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	...
▶	<input type="text" value="topography"/>	<input type="text" value="1"/>	<input type="text" value="9.99999460"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	...
▶	<input type="text" value="border"/>	<input type="text" value="750000"/>	<input type="text" value="1249999329"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	...
▶	<input type="text" value="federal states"/>	<input type="text" value="750000"/>	<input type="text" value="7999996"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	...
▶	<input type="text" value="places"/>	<input type="text" value="0"/>	<input type="text" value="8999995"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	...



Rollen



Mapbender3 - New User - Chromium

Mapbender3 - New User x

sandbox.mapbender3.org/manager/user/new

Logged in as: root

v. 3.0.1.0

Mapbender3

- Applications
 - New Application
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 - New User
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 - New Group
- ACLs

New User

Base data Profile Groups Security

First name Astrid

Last name Emde

Notes

Phone 123

Organization Mapbender Team

Role Originator

Street

Zip code

City Bonn

Country Germany

Create Cancel

Mapbender3 - demo - Chromium

Mapbender3 - demo

sandbox.mapbender3.org/manager/application/demo/edit

Logged in as: root

v. 3.0.1.0

Mapbender3




- Applications
 - New Application
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demo

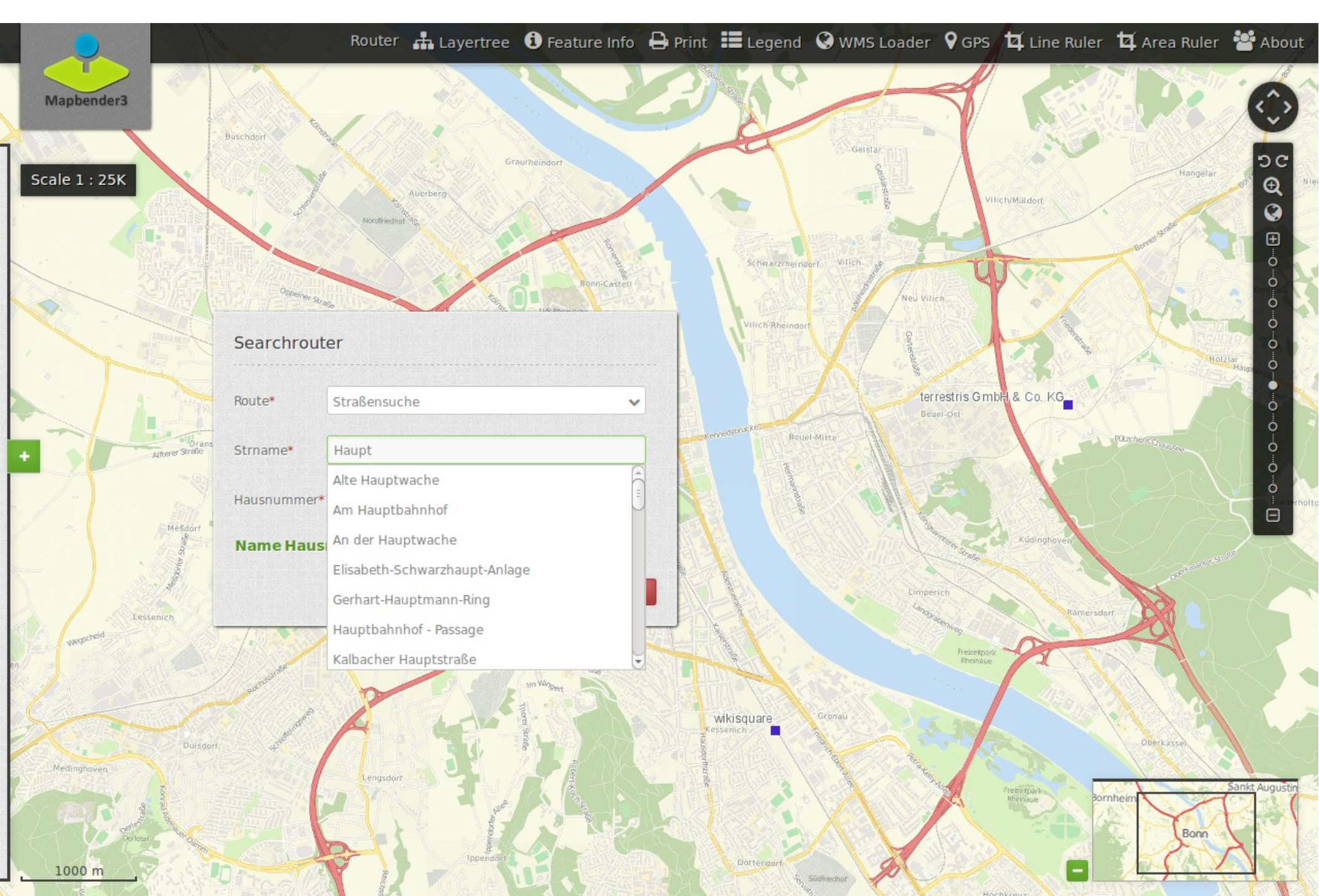
Base data Layout Layers **Security**

☐ Publish

Filter

	view	edit	delete	operator	master	owner	
 Astrid Emde	view	edit	delete	operator	master	owner	×
 root	view	edit	delete	operator	master	owner	×
 IS_AUTHENTICATED_ANONYMOUSLY	view	edit	delete	operator	master	owner	×

Save Cancel





Scale 1 : 25K

Searchrouter

Route*
Straßensuche

Strname*
Hauptwache

Hausnummer*
2

Name	Hausnummer
An der Hauptwache	12
An der Hauptwache	2

Search

Close

1000 m

Suche nach Karten:

Karte suchen

Q

<

>

↶

📐

📧

⏏

XY

Ort suchen

Q

Auswählbare Ebenen (2)

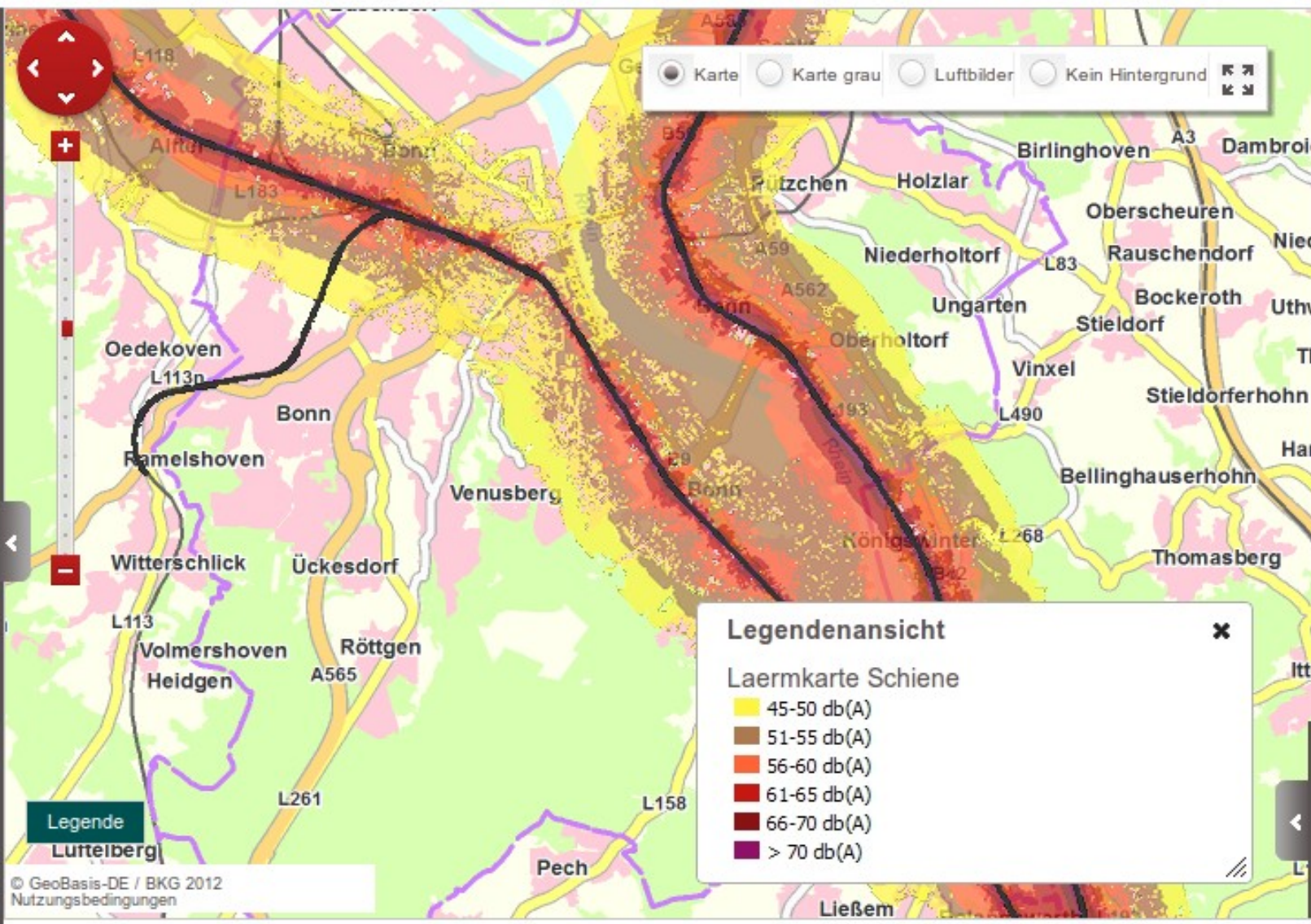
☑ Eisenbahntrasse

☑ Laermkarte Schiene

Legende

Lurteiberg

© GeoBasis-DE / BKG 2012
Nutzungsbedingungen



Suche nach Karten:

Karte suchen

Bonn

Auswählbare Ebenen (3)

☒ Eisenbahntrasse☒ Laermkarte Schiene☒ VBG_Einwohnerdichte

Transparenz



Zoom auf Ebene

Metadaten

Legende

KML-Export

☐ Karte ☐ Karte grau ☒ Luftbilder ☐ Kein Hintergrund

Legendenansicht

Laermkarte Schiene

- 45-50 db(A)
- 51-55 db(A)
- 56-60 db(A)
- 61-65 db(A)
- 66-70 db(A)
- > 70 db(A)

Legende

© GeoBasis-DE / BKG 2012
Nutzungsbedingungen

Maßstab 1: 100000

Koordinaten: x=y=

ETRS89 / UTM Zone 32N



radwanderland
Sattelfest durch Rheinland-Pfalz



Rheinland-Pfalz

[Startseite](#)[Radrouten](#)[Radwegenetz](#)[Routenplaner](#)[A++](#)[Kontakt](#)[Hilfe](#)[Impressum](#)[Über uns](#)

Eingabe Start/Ziel... ?

Entfernung: 2,682 km

[Optionen ein-/ausblenden ?](#)[Streckeninformationen ?](#)

Entfernung: 2,682 km

Aufsteigend: 23 m

Absteigend: 22 m

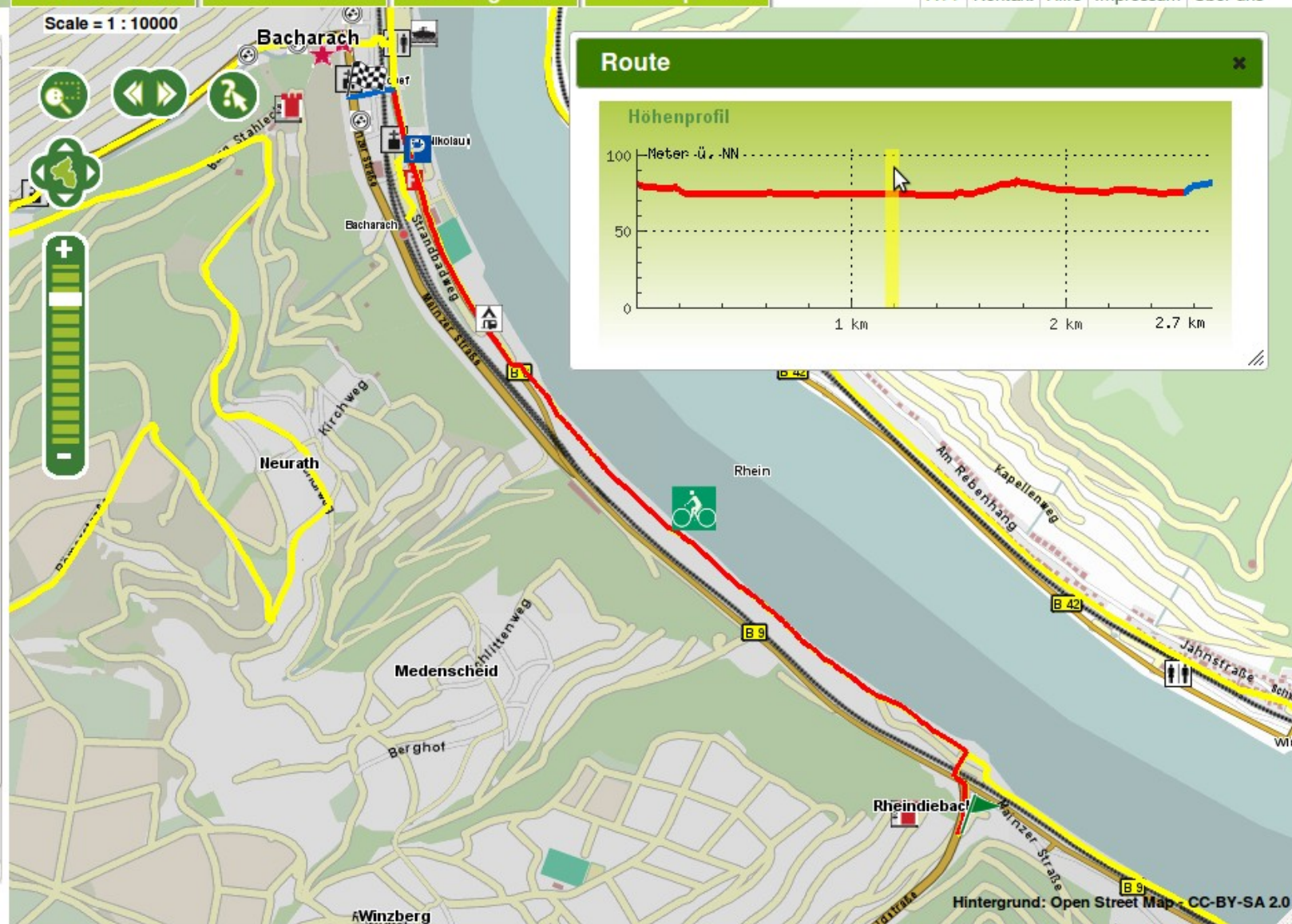
[Route umkehren](#)[Route zurücksetzen](#)

Details der Routenführung

- Radwegenetz
- Verlauf auf Straßen
- Verlauf außerhalb von Rheinland-Pfalz

[Einstellungen](#)

Scale = 1 : 10000



Route

Höhenprofil



offen, sympathisch, zukunftsorientiert

Lippe

GEOPORTAL

Thematische Auswahl

Allgemeine Suche

Adress- und Flurstücksuche

Kartenanzeige

Geoportal Kreis Lippe ▶ Kartenanzeige



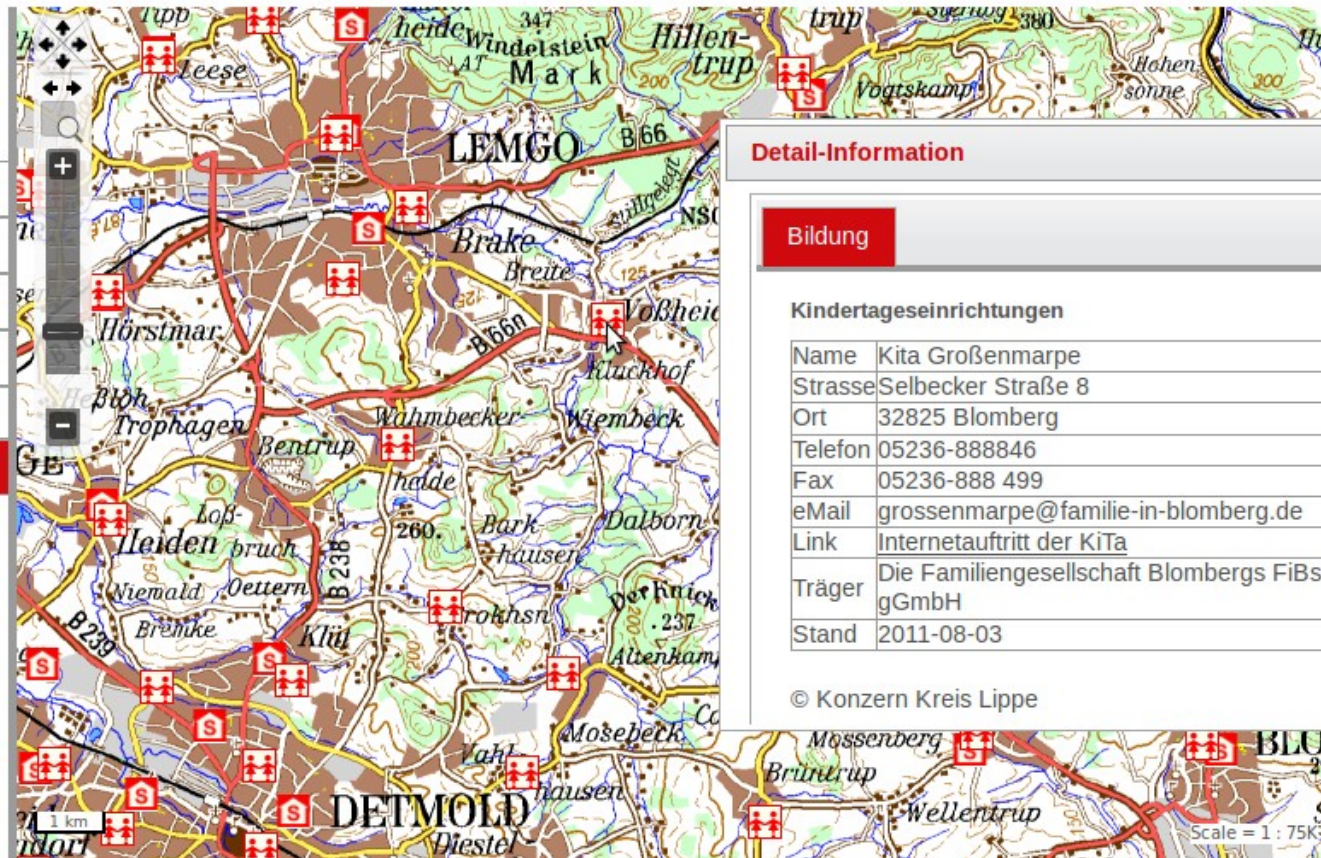
Kartenebenen

WMS laden

Legende



Information



Koordinaten: x= 497390.25764 y= 5761806.09429

Detail-Information

Bildung

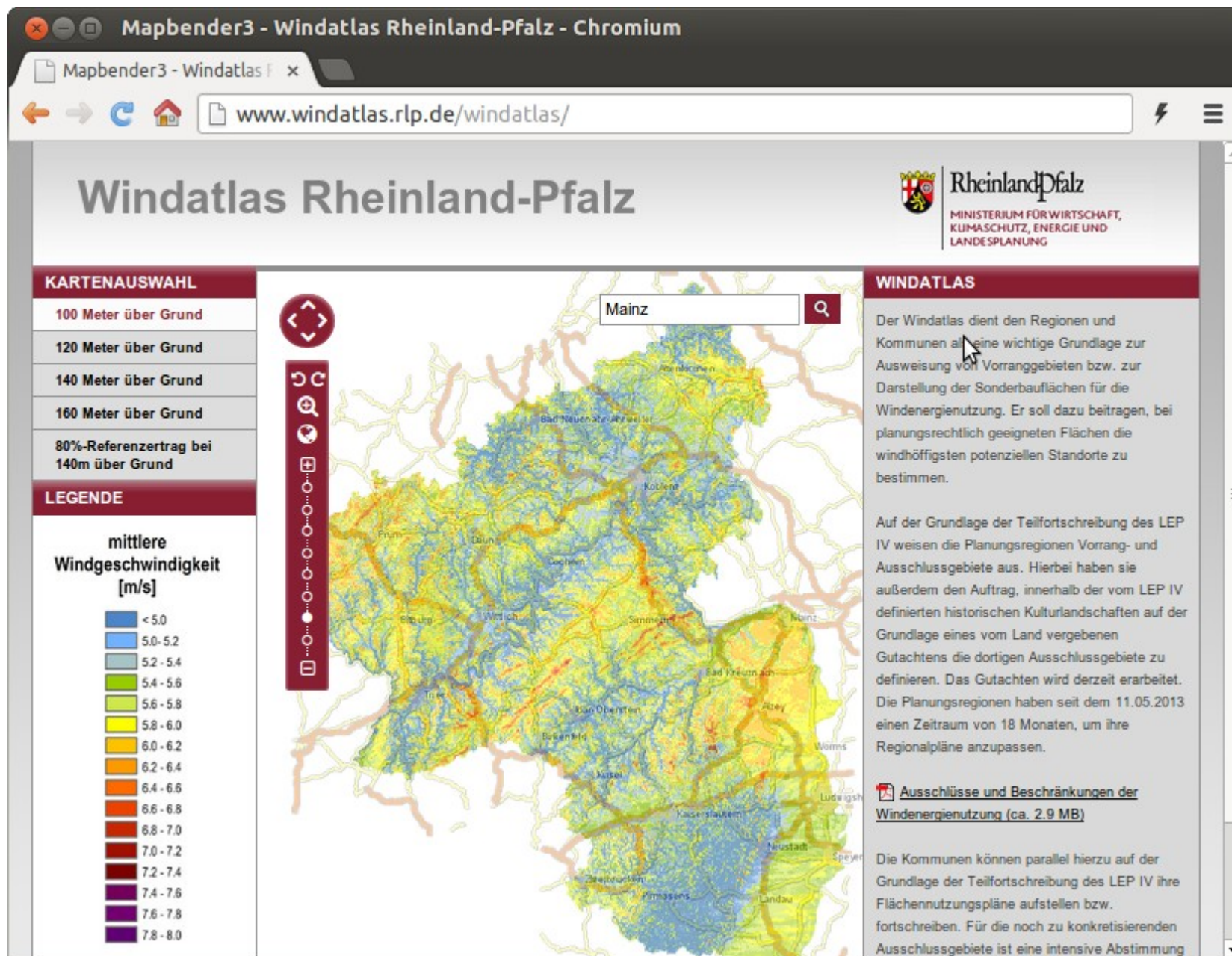
Kindertageseinrichtungen

Name	Kita Großenmarpe
Strasse	Selbecker Straße 8
Ort	32825 Blomberg
Telefon	05236-888846
Fax	05236-888 499
eMail	grossenmarpe@familie-in-blomberg.de
Link	Internetauftritt der KiTa
Träger	Die Familiengesellschaft Blombergs FiBs gGmbH
Stand	2011-08-03

© Konzern Kreis Lippe

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ETRS89 / UTM Zone 32N





Welche Komponenten nutzt Mapbender3?

- **Symfony2 als PHP Framework**
 - **Doctrine, Twig, Monolog, Bootstrap...**
 - **Bundles**
- **OpenLayers**
- **MapQuery**
- **jQuery**
- **SQLite, PostgreSQL, MySQL, Oracle Datenbank**




Nächste Schritte

- Roadmap <http://mapbender3.org/de/roadmap>
- WFS als Datenquelle
- Dienste Aktualisierung
- SQL / WFS Digitalisierung
- SQL / WFS Suche und Lucene Suche
- WMC Editor / Loader
- Mobile Anwendung

Willkommen auf mapbender3.org | mapbender3.org - Chromium

Willkommen auf mapbender3.org



Mapbender3

Download

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[Was ist Mapbender3?](#)
[Los geht's](#)
[Dokumentation](#)
[Community](#)
[Download](#)

Suche nach Karten:

Öffnen

Speichern

Drucken

Ansicht

Werkz

<

>

↶

↷

⌂

✉

⏏


XY

Auswählbare Ebenen (3)

Eisenbahntrasse

Laermkarte Schiene

VBG_Einwohnerdichte



Geoportal.DE

http://www.geoportal.de/

Karte

Karte grau

Luftbilder

Kein Hintergrund


Willkommen auf mapbender3.org

Willkommen auf der Mapbender3-Seite


Mapbender ist ein Content Management System für Kartenanwendungen und Geodatendienste. Die Software ist in PHP und JavaScript implementiert. Mapbender wird mit vorkonfigurierten Anwendungen zur Anzeige, Navigation und Abfrage von Karten ausgeliefert. Alle Anwendungen können über die Weboberfläche den eigenen Bedürfnissen angepasst oder komplett neu implementiert werden.

Mapbender3 ist der Nachfolger der erfolgreichen Mapbender Version 2 und basiert auf aktuellen Technologien wie dem Web Application Framework Symfony2, JQuery und OpenLayers.

[Weiterlesen](#)



17.-23. September 2013



Mapbender ist ein offizielles OSGeo-Projekt.

Chloh 20 Developers

Mapbender.org



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The Book

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Enter search terms or a module, class
or function name.

Welcome to Mapbender3's documentation!

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 - Concepts
 - Configuring the database
- Bundle Documentation
 - MapbenderCoreBundle
- The Developer's Book
 - Introduction
 - API documentation
 - Understanding Elements
 - Quick primer on using Git
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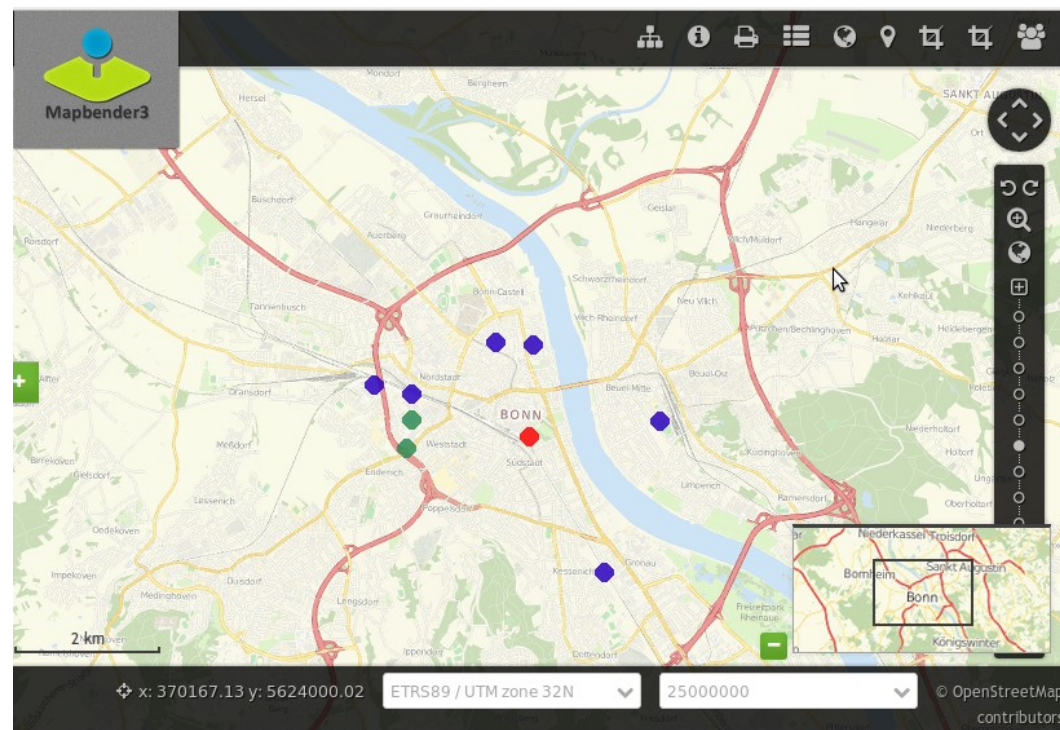


Mapbender3 Demo

Testen Sie Mapbender3

<http://mapbender3.org/demo/>

Mapbender 3.0.0.2 auf
OSGeo-Live 7.0





Installation

Download Pakete

<http://mapbender3.org/en/download>

git Repositories

<https://github.com/mapbender/mapbender-starter>

Dokumentation der Installation und Elemente

<http://doc.mapbender3.org>



Weitere Informationen

- <http://mapbender3.org>
- Mapbender3 Code <http://github.com/mapbender>
- Roadmap <http://mapbender3.org/de/roadmap>
- Bug/Issue Tracker
<https://github.com/mapbender/mapbender/issues>



Vielen Dank

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WhereGroup

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