



# Mapbender3

## **Provide applications with the Geoportal Framework Mapbender3**


Astrid Emde

FOSS4G 2016 Bonn (Germany)



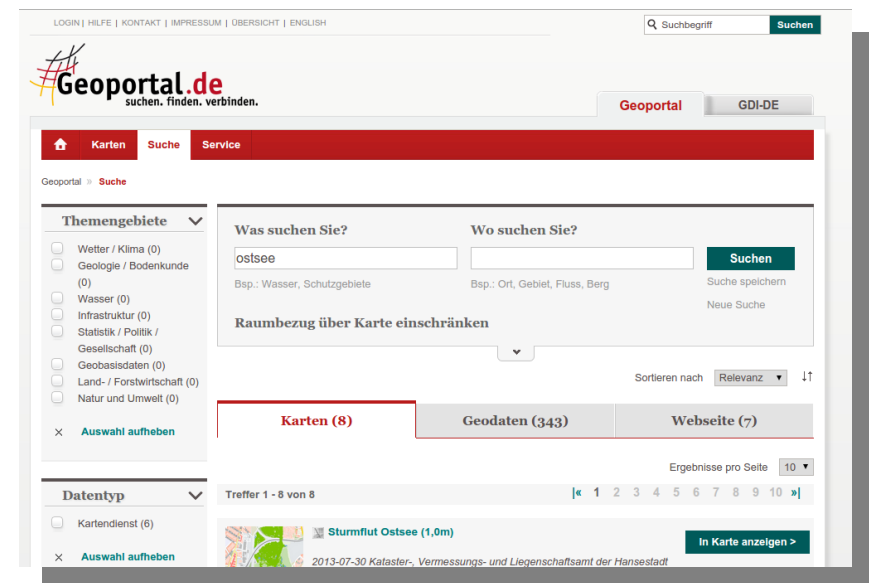
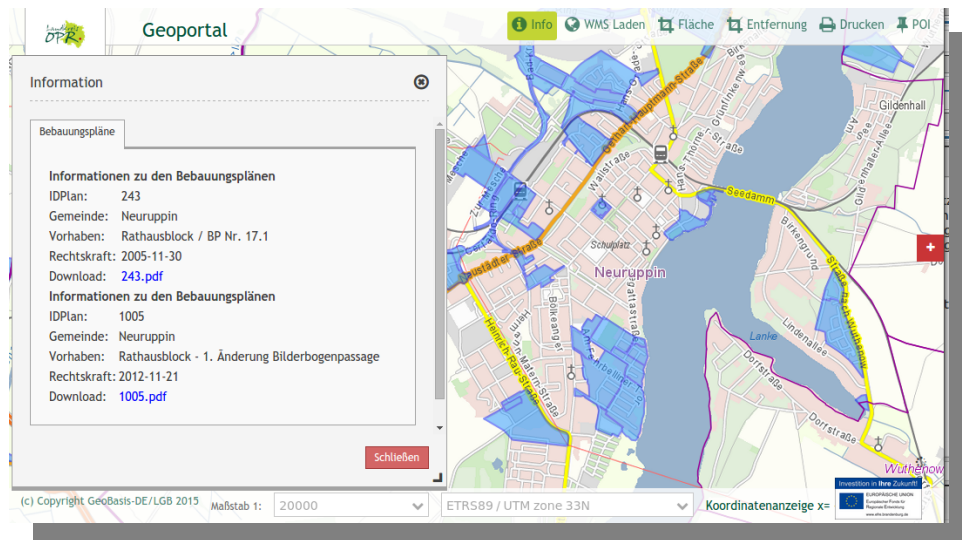
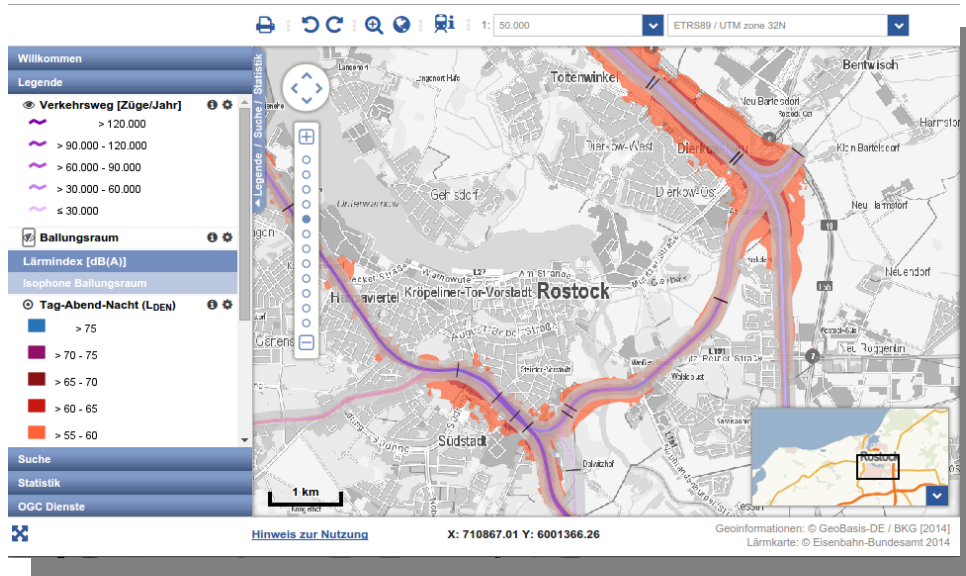
# Astrid Emde

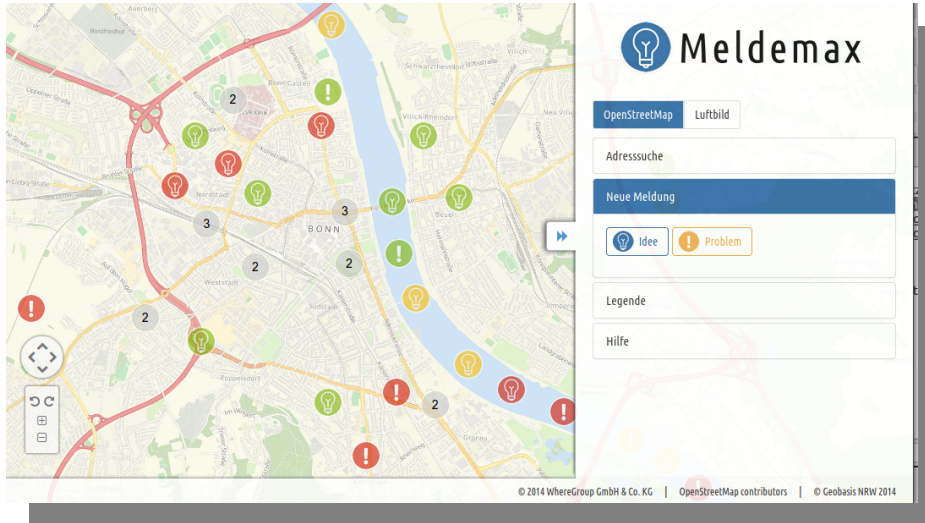
- Mapbender Team

-  WhereGroup (Bonn, Germany)

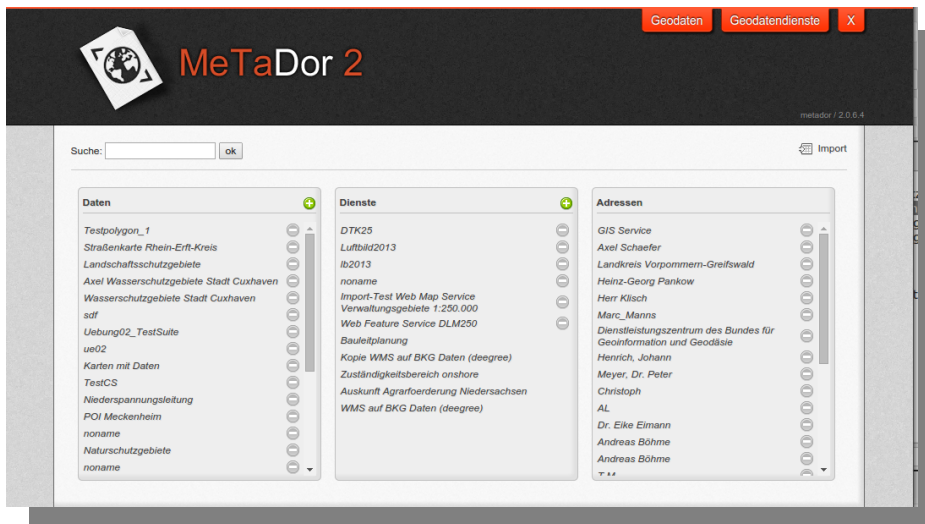
- FOSSGIS e.V. (OSGeo local chapter)

- Involved in  OSGeo *Live*





**Meldemax**  
Platform for  
ideas & problems  
in your town



**MetaDor2**  
Metadateneditor

**Consulting, Training  
& more**



# What does Mapbender do?



# **WebGIS Client Suite with administration web interface**



**Create a geoportal without writing a single line  
of code!**



# Create and maintain an OWS repository



# Distribute configured services among applications



# **Grant users and groups access to applications and services**

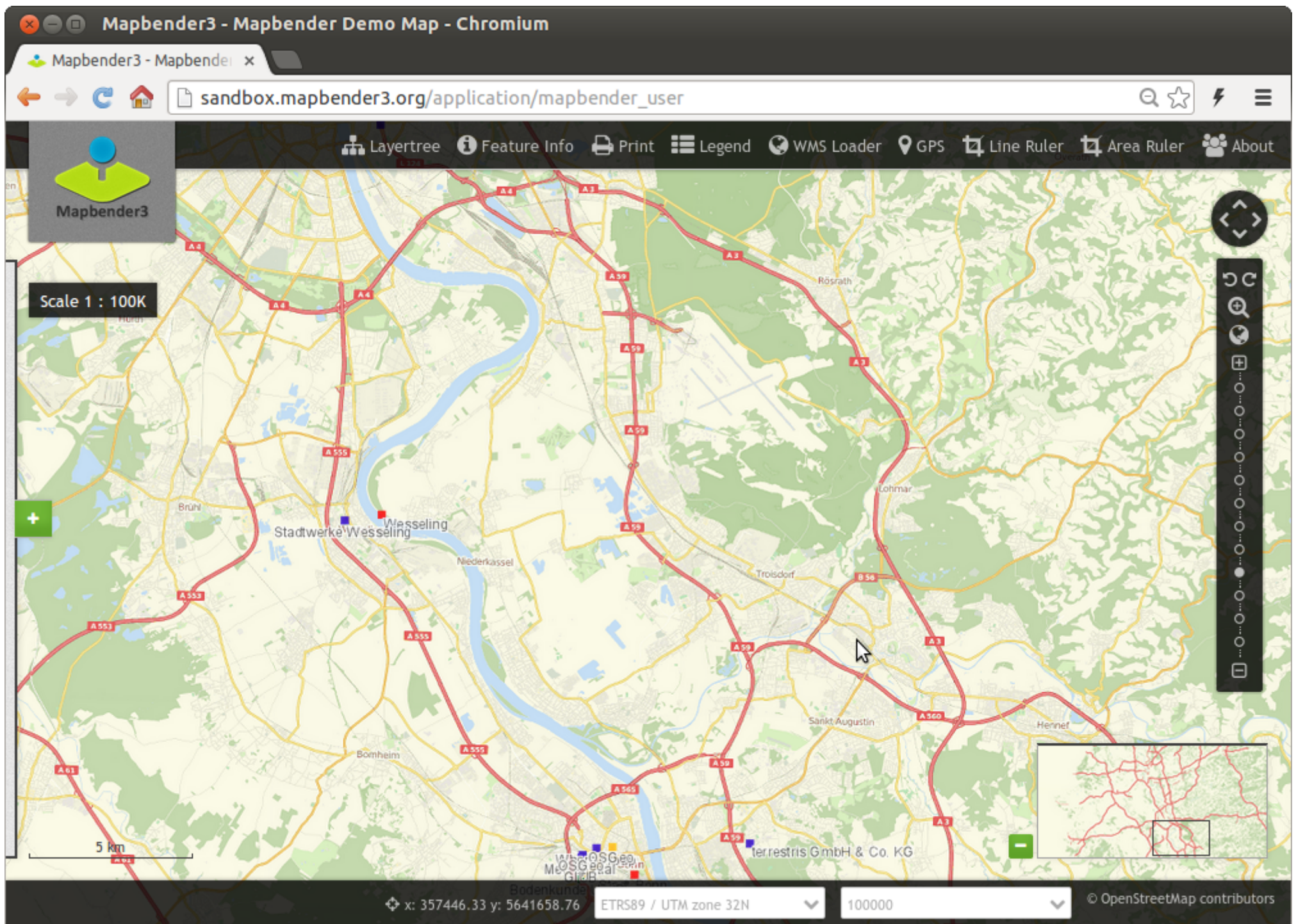


# The Mapbender components

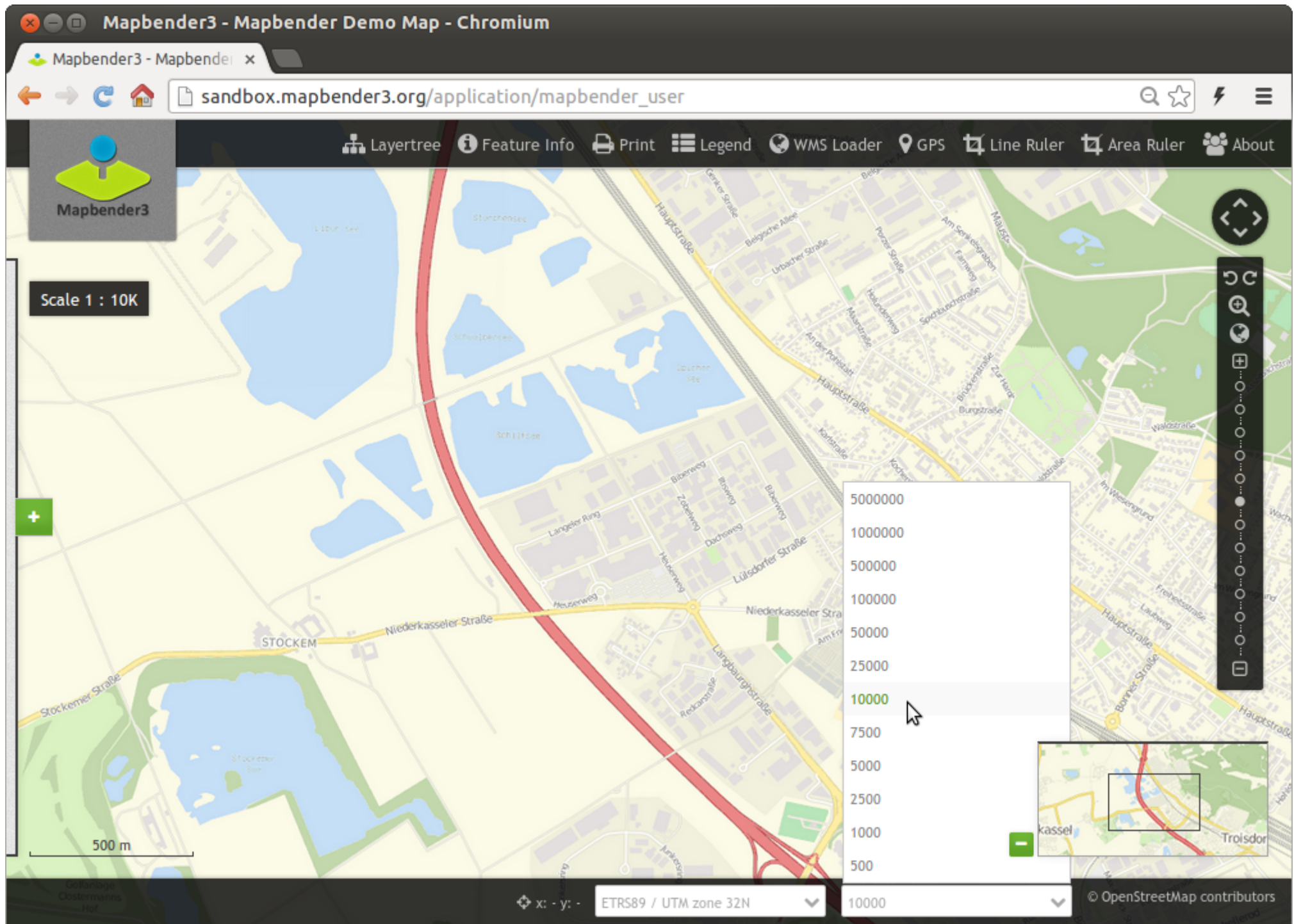
**Applications**

**Services**

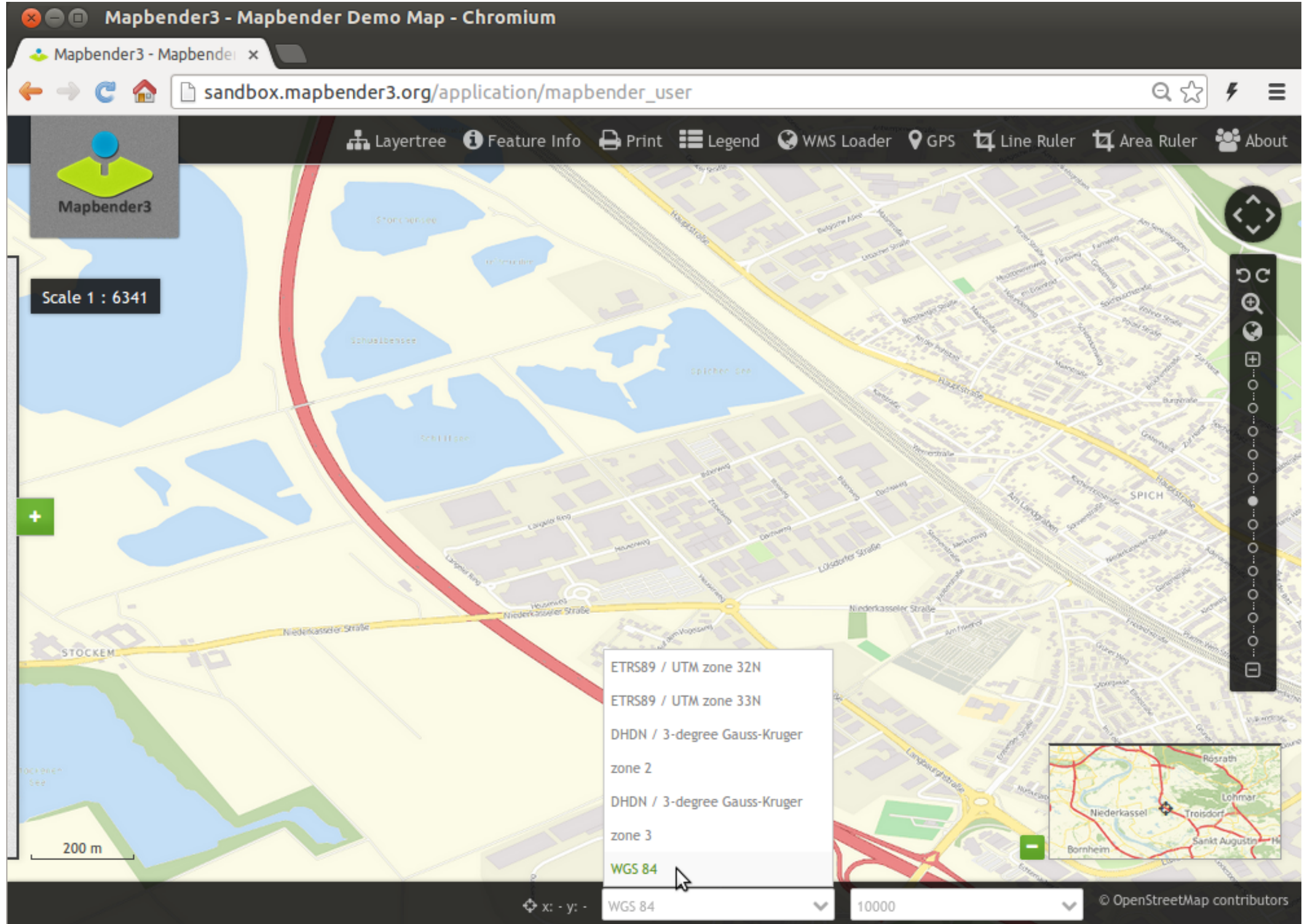
**Roles**

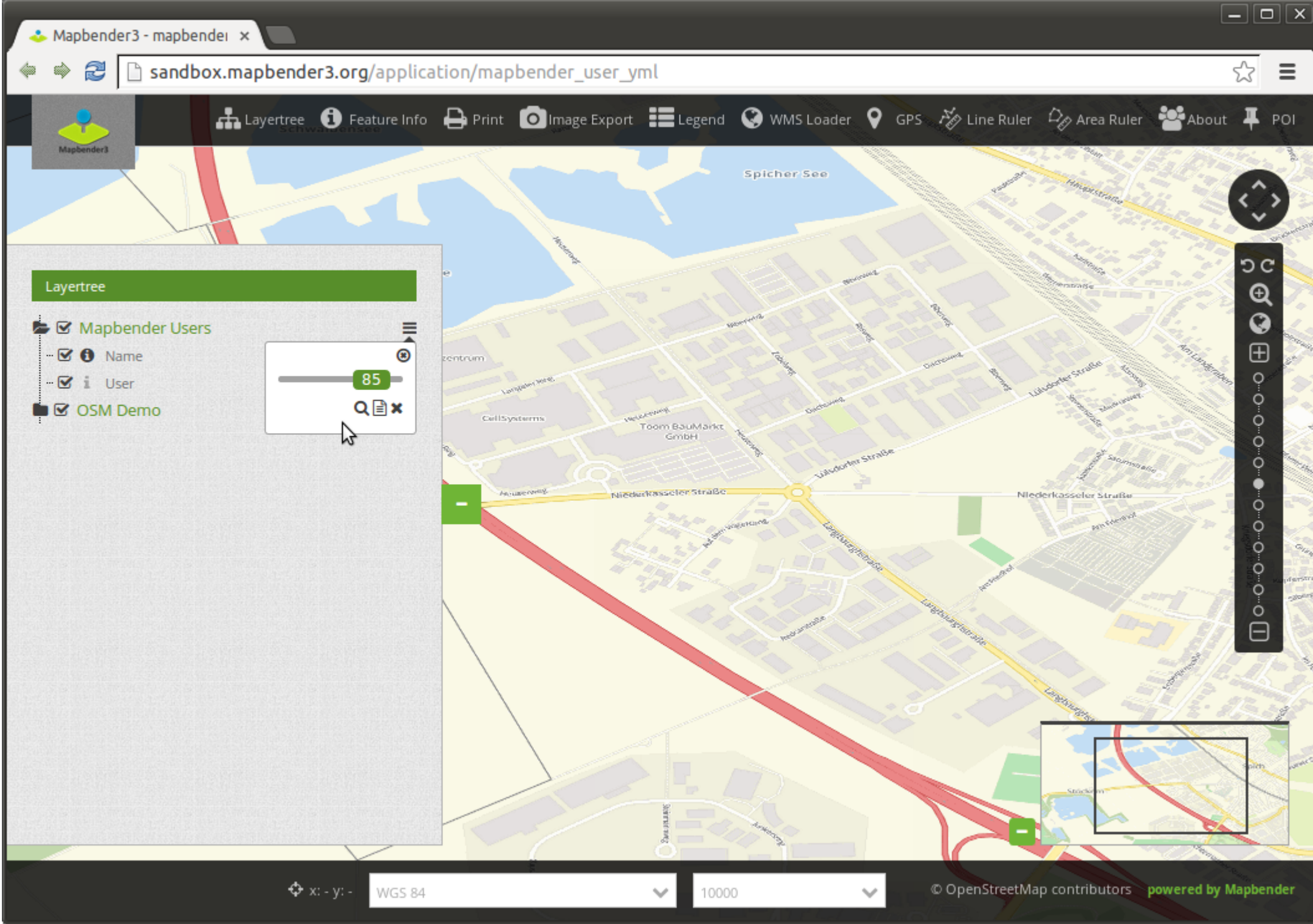


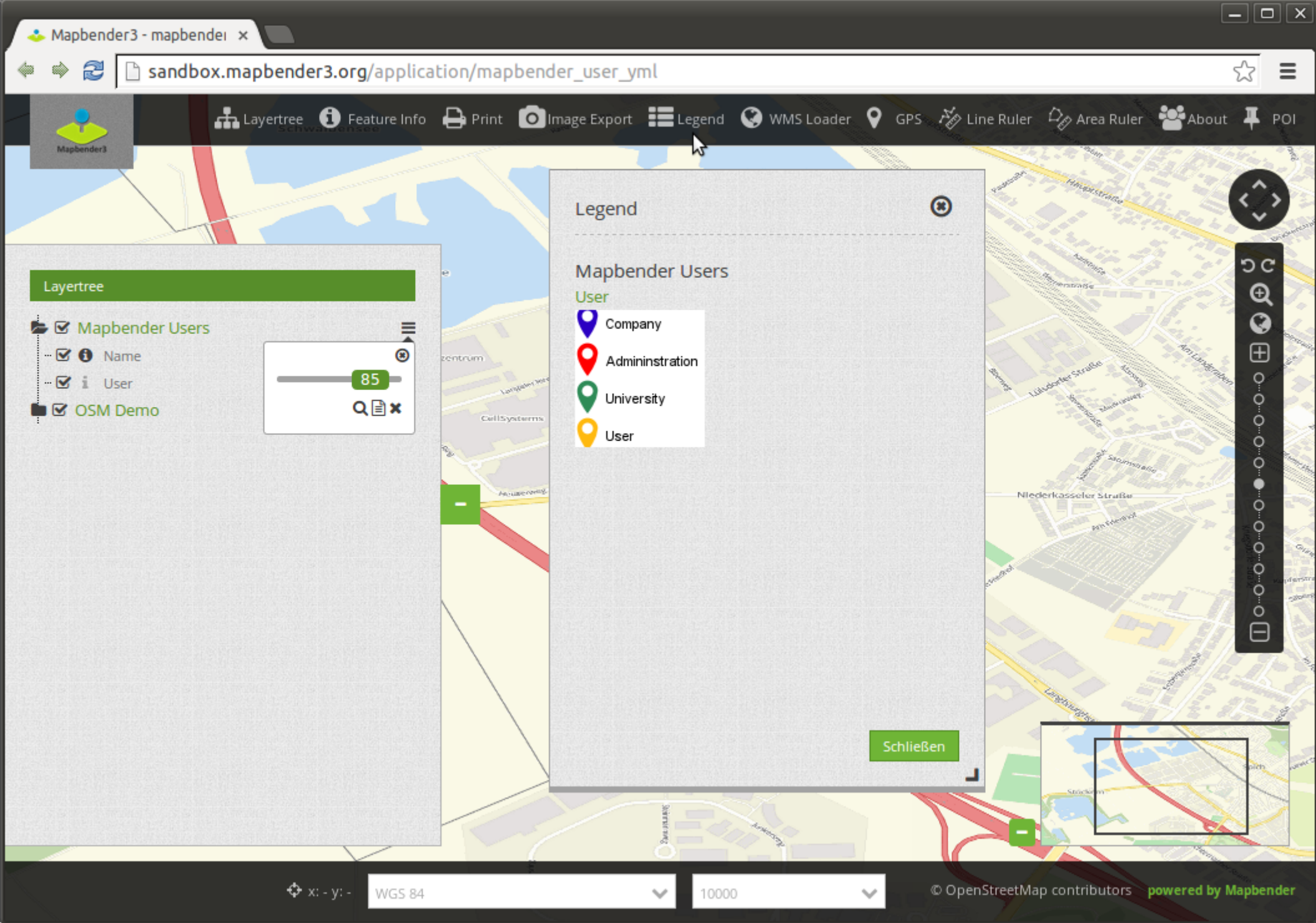
Mapbender3 Astrid Emde FOSS4G 2016 Bonn

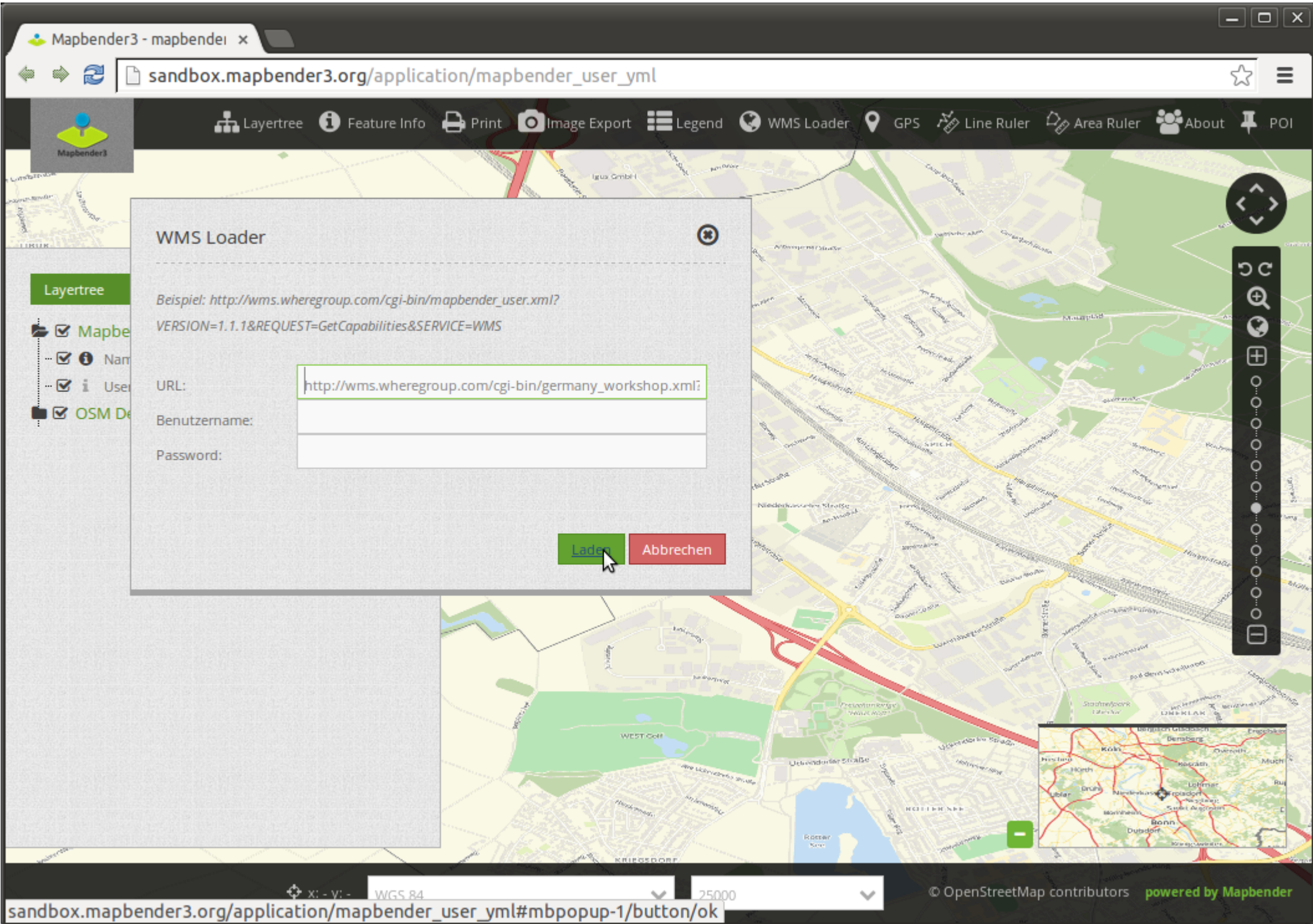


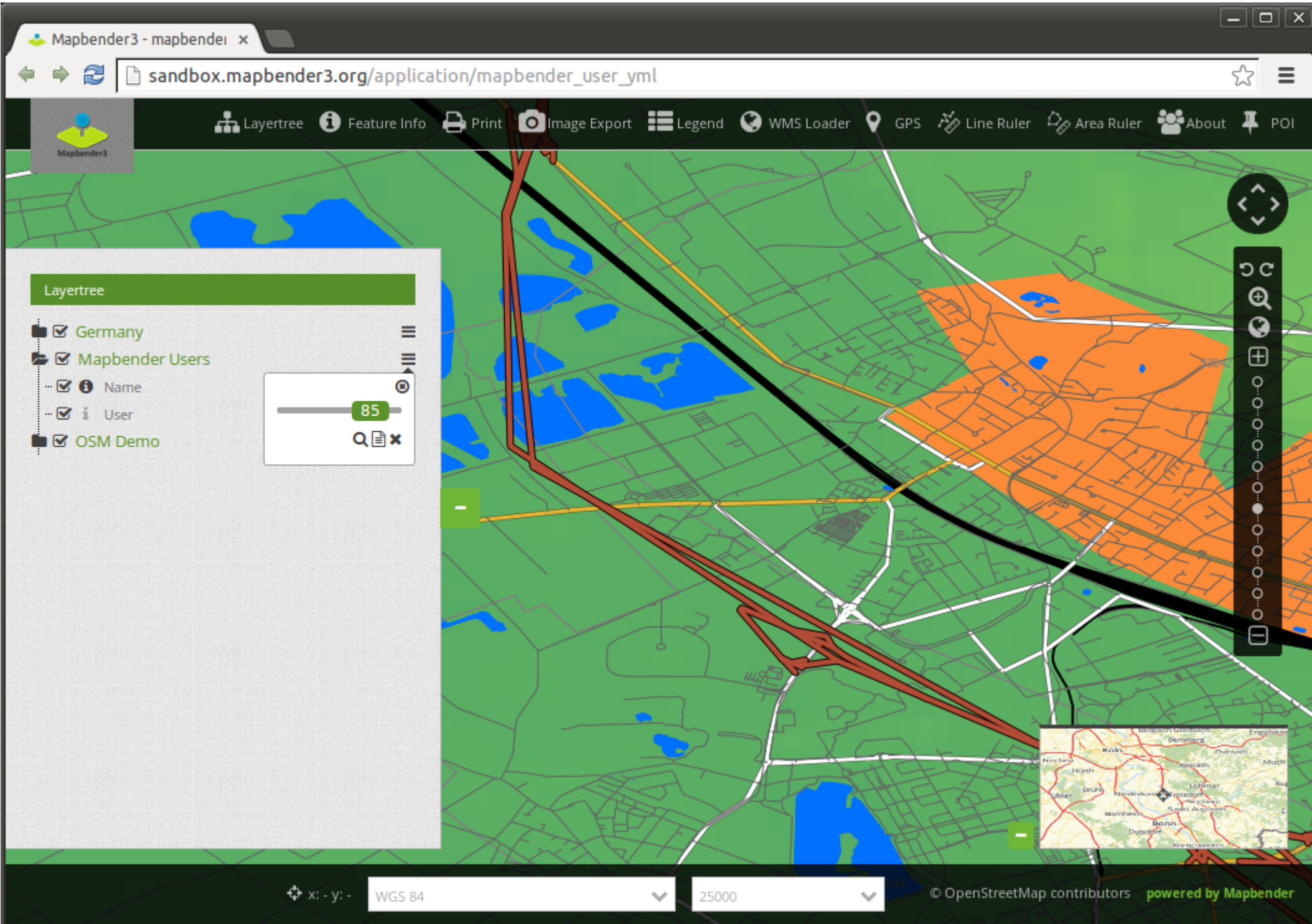
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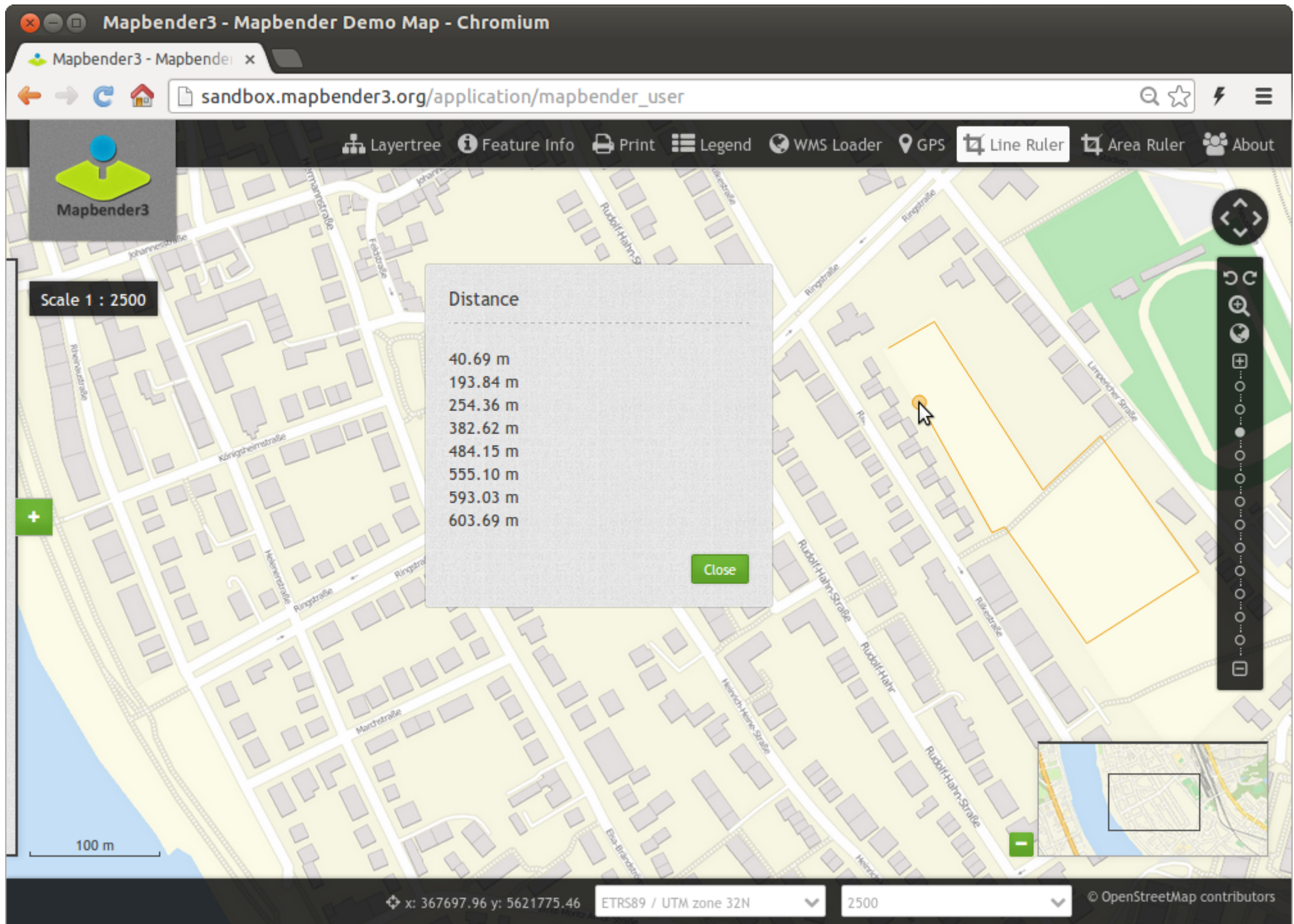


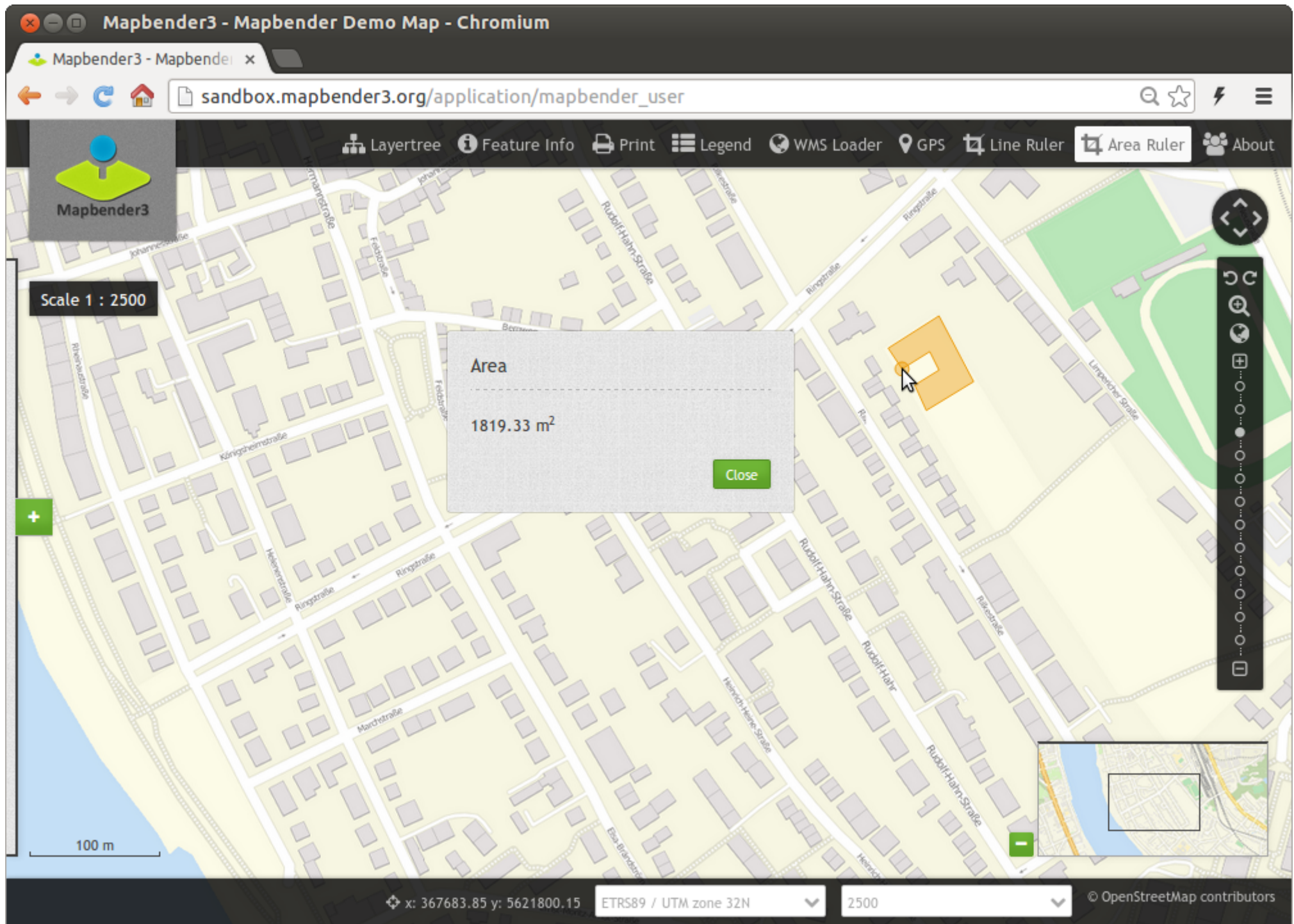


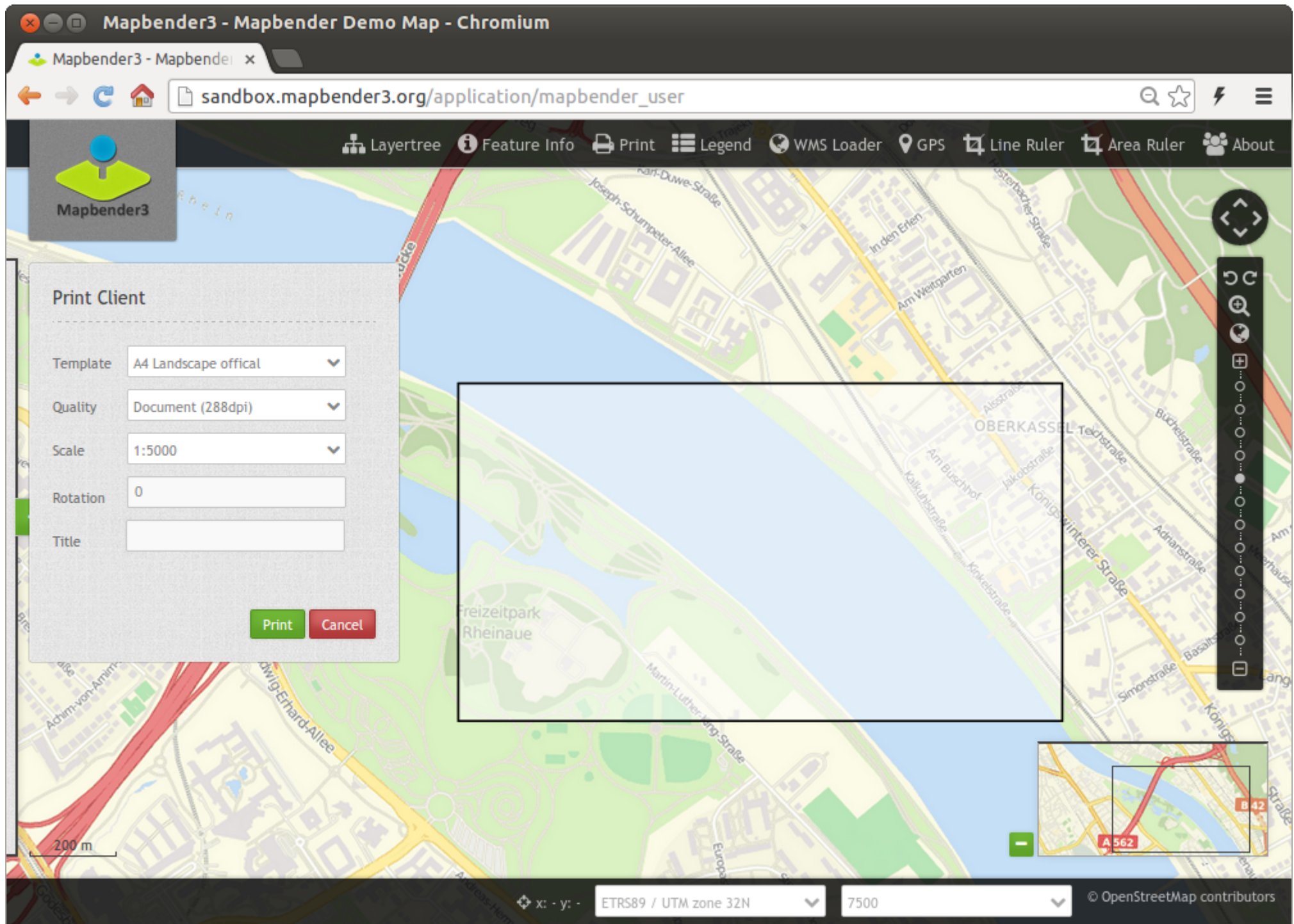


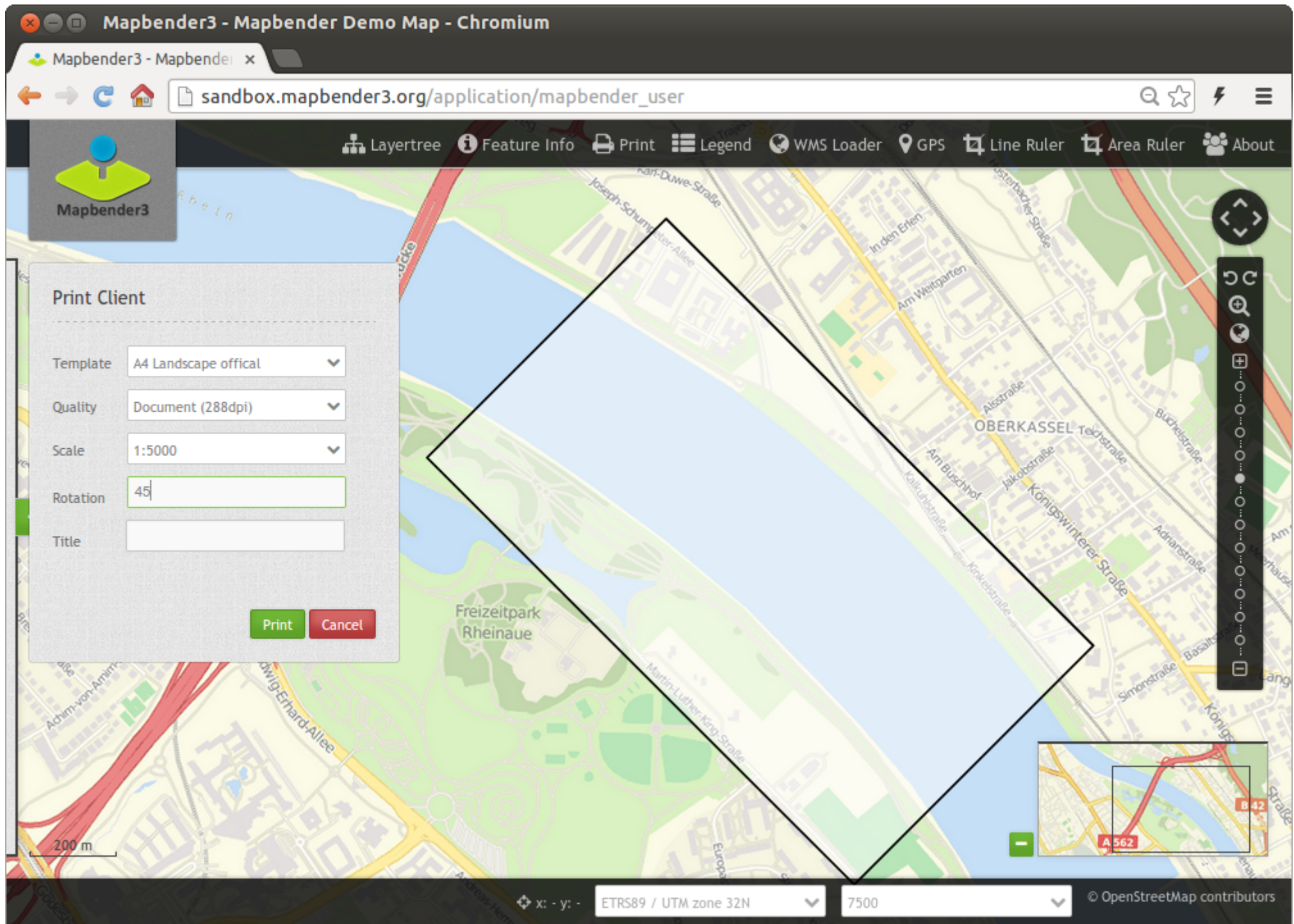


Mapbender3 Astrid Emde FOSS4G 2016 Bonn











## Stadt Troisdorf

Auszug aus dem Geoinformationssystem

Geobasisdaten der Kommunen, des Rhein-Sieg-Kreises  
und des Landes NRW © Geobasis NRW 2015

Geodaten aus OpenStreetMap © OSM-Mitwirkende

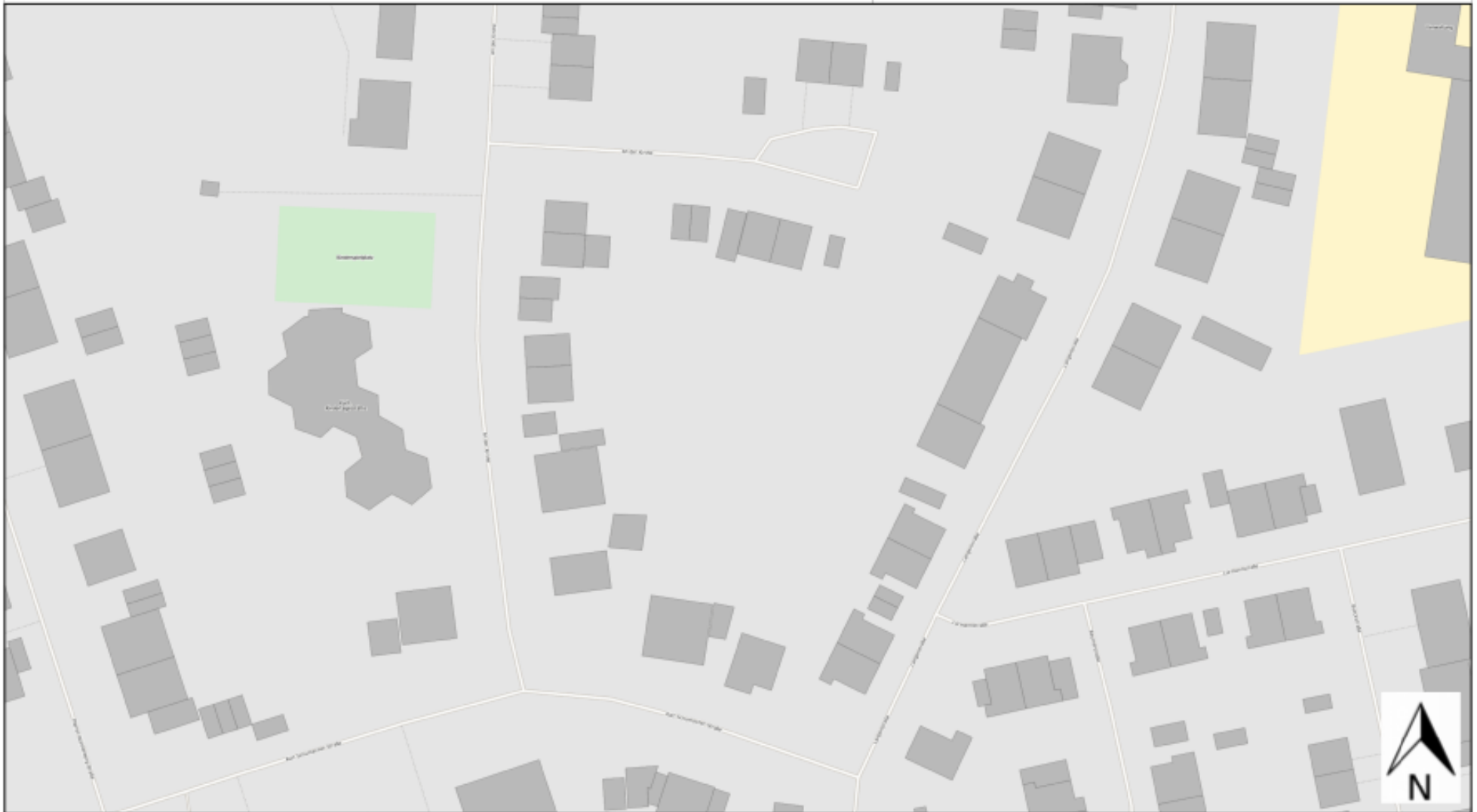


Troisdorf, 09.07.2015

Maßstab 1 : 1000

Kommentar: Mapbender Workshop

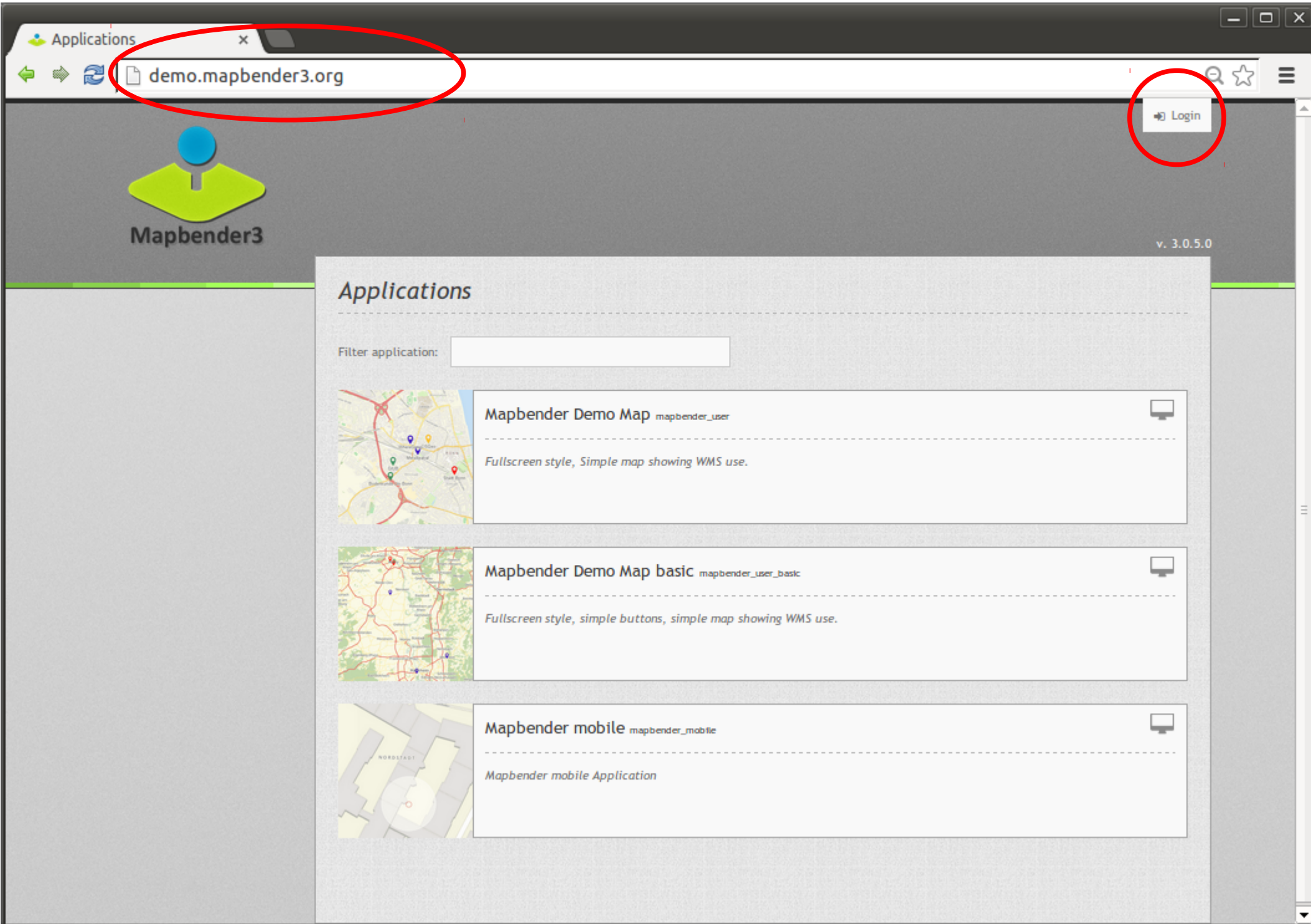
Druck Demo



Dieser Auszug ist nur bedingt zur Maßentnahme geeignet. Er kann nicht zur Beweisführung in behördlichen oder gerichtlichen Verfahren verwendet werden. Er ist gesetzlich geschützt. Eine Vervielfältigung, Umgestaltung, Veröffentlichung oder Weitergabe an Dritte ist nur mit Zustimmung des Herausgebers zulässig. Ausgenommen ist die Vervielfältigung oder Umgestaltung zur innerdienstlichen Verwendung einer Behörde zum privaten Gebrauch.  
Weitere Informationen zur Nutzung der Geodaten finden Sie unter [www.stadt.plan.troisdorf.de/nutzungsbedingungen.html](http://www.stadt.plan.troisdorf.de/nutzungsbedingungen.html).



# Set up your own application



Applications x

demo.mapbender3.org/manager/applications

Logged in as: root


v. 3.0.5.0

# Mapbender3

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
- ACLs


## Applications

Filter application:




**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.



**Mapbender mobile** mapbender\_mobile

Mapbender mobile Application



**mapbender\_mobile.yml YML** mapbender\_mobile.yml

New Application x

demo.mapbender3.org/manager/application/new

Logged in as: root v

Mapbender3 v. 3.0.5.0

### New Application

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
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    - New user
  - Groups
    - New group
  - ACLs

Base data

Security

Template\*

Fullscreen

Title\*

demo

URL title\*

demo

Screenshot\*

Select file: No file selected

Description

Mapbender3 demo

Create Cancel

Create a new application by providing basic information and then use the edit mode to add elements and layers.

Applications x


demo.mapbender3.org/manager/applications

Mapbender3 v. 3.0.5.0

- Applications
  - New application
  - Export
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### Applications

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**Mapbender Demo Map basic** mapbender\_user\_basic

Fullscreen style, simple buttons, simple map showing WMS use.



**Mapbender mobile** mapbender\_mobile

Mapbender mobile Application



**demo** demo

Mapbender3 demo

demo

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

Logged in as: root

Mapbender3 v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

demo

Base data Layouts Layersets CSS Security

Template: Fullscreen

**Toolbar**

Title	Type	+
No element added		

**Sidepane**

Title	Type	+
No element added		

**Content**

Title	Type	+
No element added		

**Footer**

Title	Type	+
No element added		

Add a new element

demo.mapbender3.org/manager/application/demo/element/select?reg

demo x

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

Mapbender3

- Applications
  - New application
- Export
- Import
- Sources
  - Add source
- User control
- Users
  - New user
- Groups
  - New group
- ACLs

Add element -

- Layer tree
  - Tree of map's layers
- Legend
  - The legend shows the legend of the map's layers
- Line/Area Ruler
  - Ruler to draw a line/area and display length/area in a dialog
- Map
  - MapQuery/OpenLayers based map
- Navigation toolbar
  - The Navigation Toolbar element provides a floating control to pan and zoom, similar to the OpenLayers PanZoomBar control. This element though is easier to use when custom styling is needed.
- Overview
  - Renders a small overview map
- POI

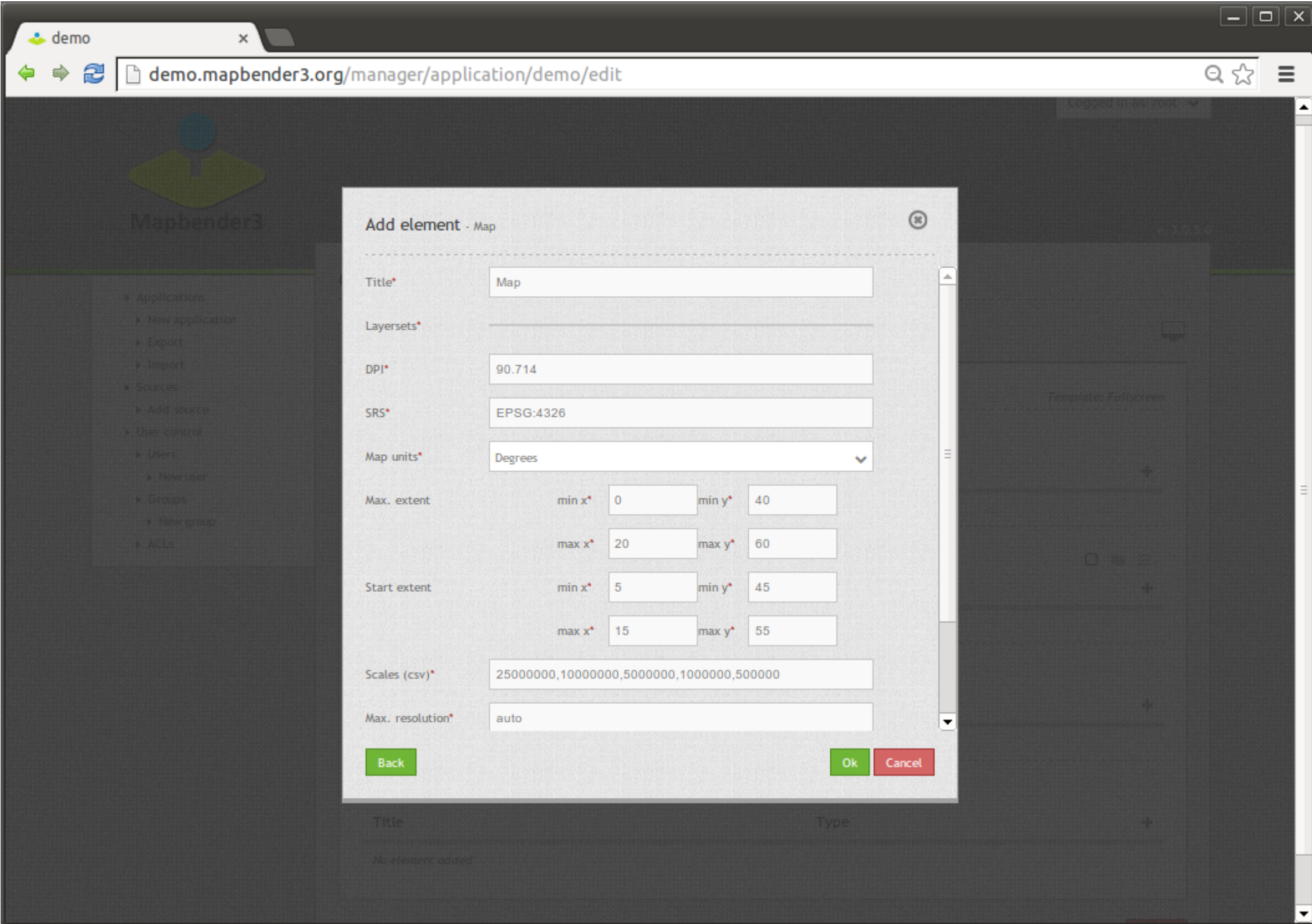
Choose Map Element

Cancel

Title Type

No element added

demo.mapbender3.org/manager/application/demo/element/new?class=Mapbender%5CCoreBundle%5CElement%5CMap&region=content



demo

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

Logged in as: root

Mapbender3 v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

**demo**

Base data | Layouts | Layersets | CSS | Security

Template: Fullscreen





**Toolbar**

Title	Type	
No element added		

**Sidepane**

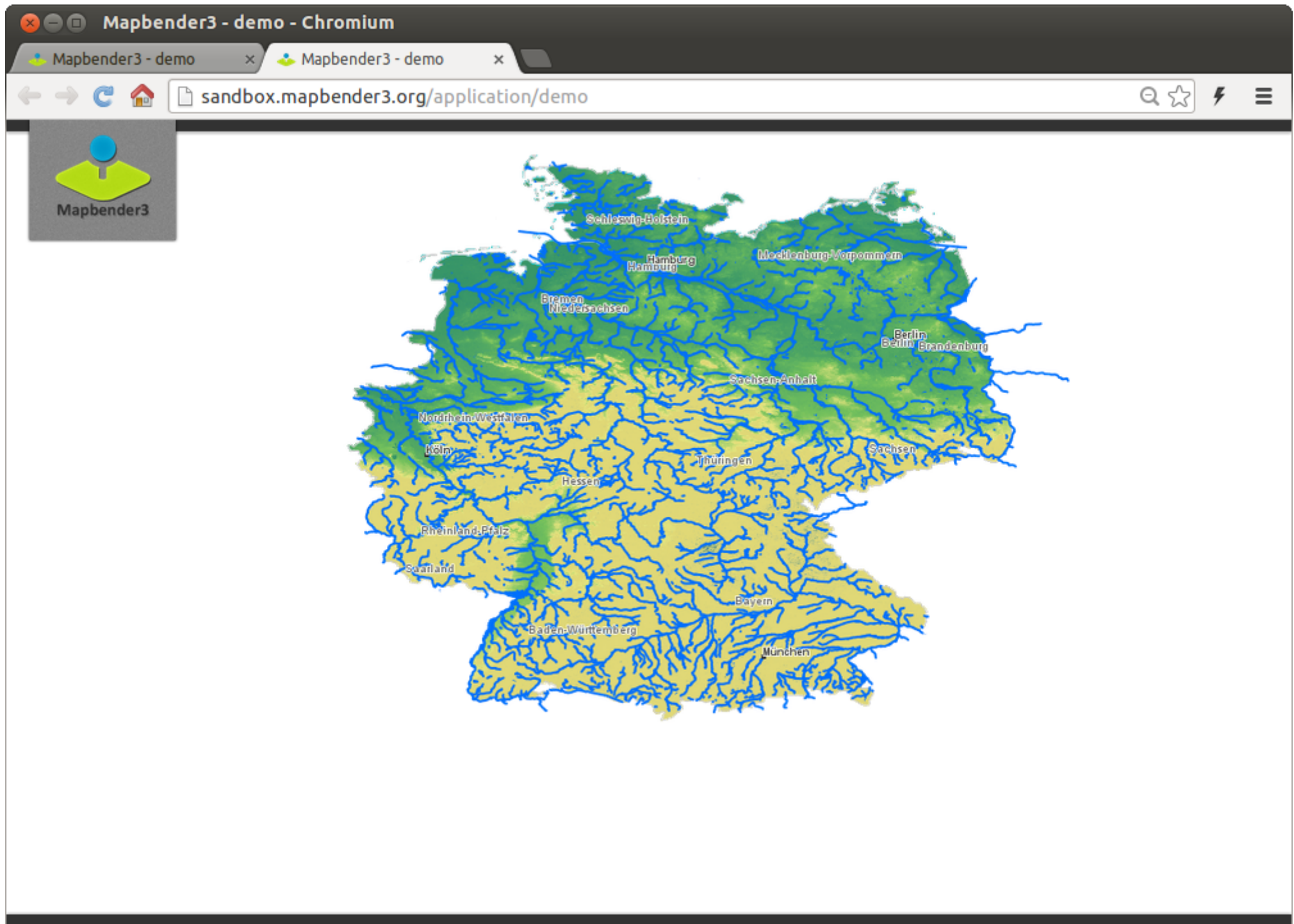
Title	Type	
No element added		

**Content**

Title	Type	
Map	Map	   

**Footer**

Title	Type	
No element added		



Browser window showing the Mapbender3 web application interface. The address bar displays `demo.mapbender3.org/manager/repository/new`. The page title is "Add source". The user is logged in as "root".

The interface includes a sidebar menu on the left with the following items:

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

The main content area is titled "Add source" and contains a form for adding a new source. The form is currently set to "OGC WMS" and includes the following fields:

- ☒ only valid
- Service URL: `http://wms.wherogroup.com/cgi-bin/germany_workshop.xml?VERSION=1.1.1&REQUEST=GetCapabilities&SERVICE=WMS`
- Username: [Empty field]
- Password: [Empty field]

Buttons for "Load" and "Cancel" are located at the bottom right of the form.

Version: v. 3.0.5.0

Sources x

demo.mapbender3.org/manager/repository

Logged in as: root v

Mapbender3 v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

### Sources

Filter source


1 WMS !	mapbender_users	⌂ ↺ ✕
2 WMS !	osm	⌂ ↺ ✕
3 WMS !	osm_overview	⌂ ↺ ✕
4 WMS !	osm_2	⌂ ↺ ✕
6 WMS ☆	Germany	⌂ ↺ ✕

Germany

WMS Germany

demo.mapbender3.org/manager/repository/source/6

Logged in as: root



Mapbender3

v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

### WMS Germany

MetadataContactDetailsLayers

**Title:**  
Germany

**Name:**  
OGC:WMS

**Version:**  
1.1.1

**Origin URL:**  
[http://wms.wherogroup.com/cgi-bin/germany\\_workshop.xml?VERSION=1.1.1&REQUEST=GetCapabilities&SERVICE=WMS](http://wms.wherogroup.com/cgi-bin/germany_workshop.xml?VERSION=1.1.1&REQUEST=GetCapabilities&SERVICE=WMS)

**Abstract:**  
Germany

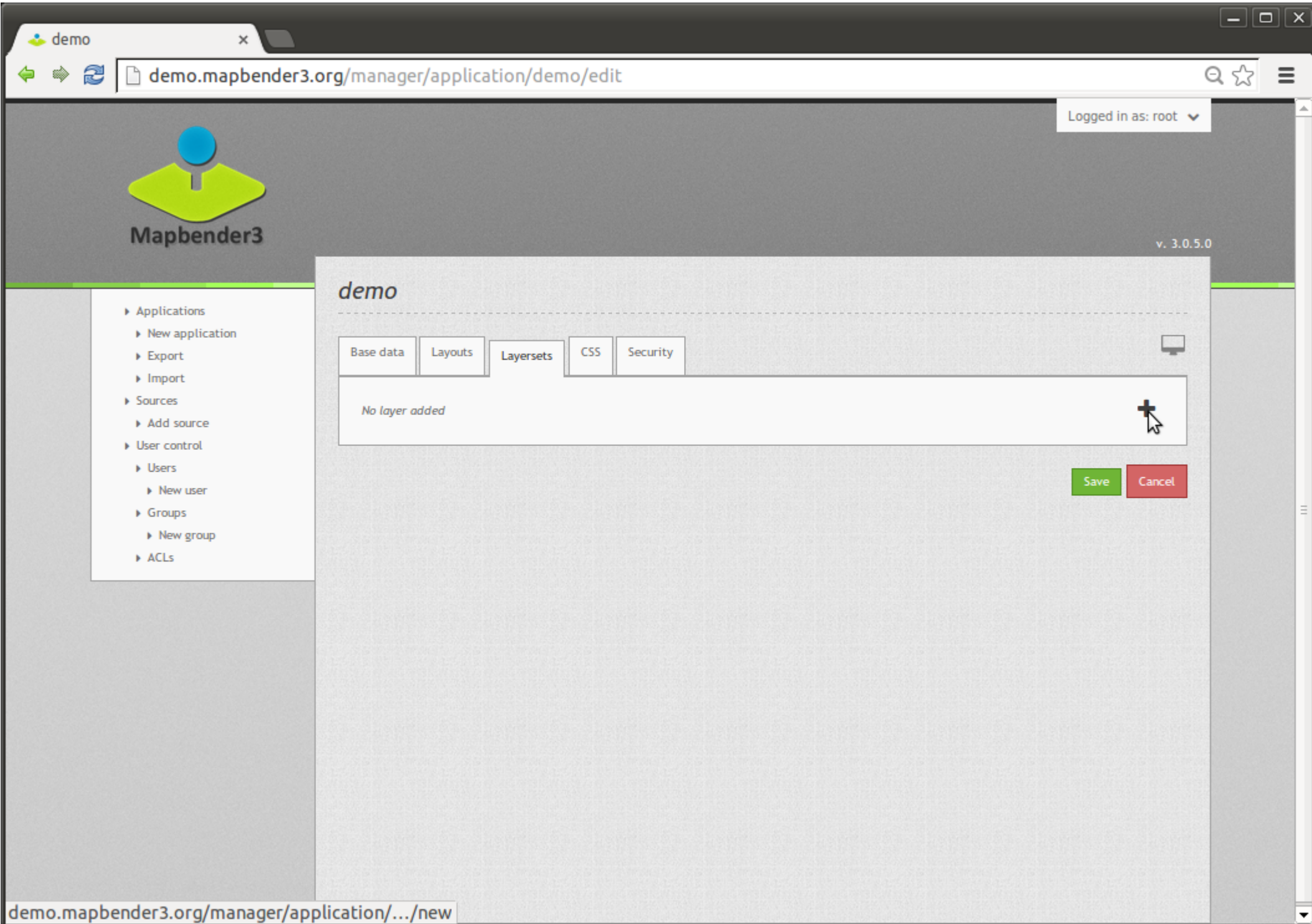
**Online Resource:**  
[http://wms.wherogroup.com/cgi-bin/germany\\_workshop.xml?](http://wms.wherogroup.com/cgi-bin/germany_workshop.xml?)

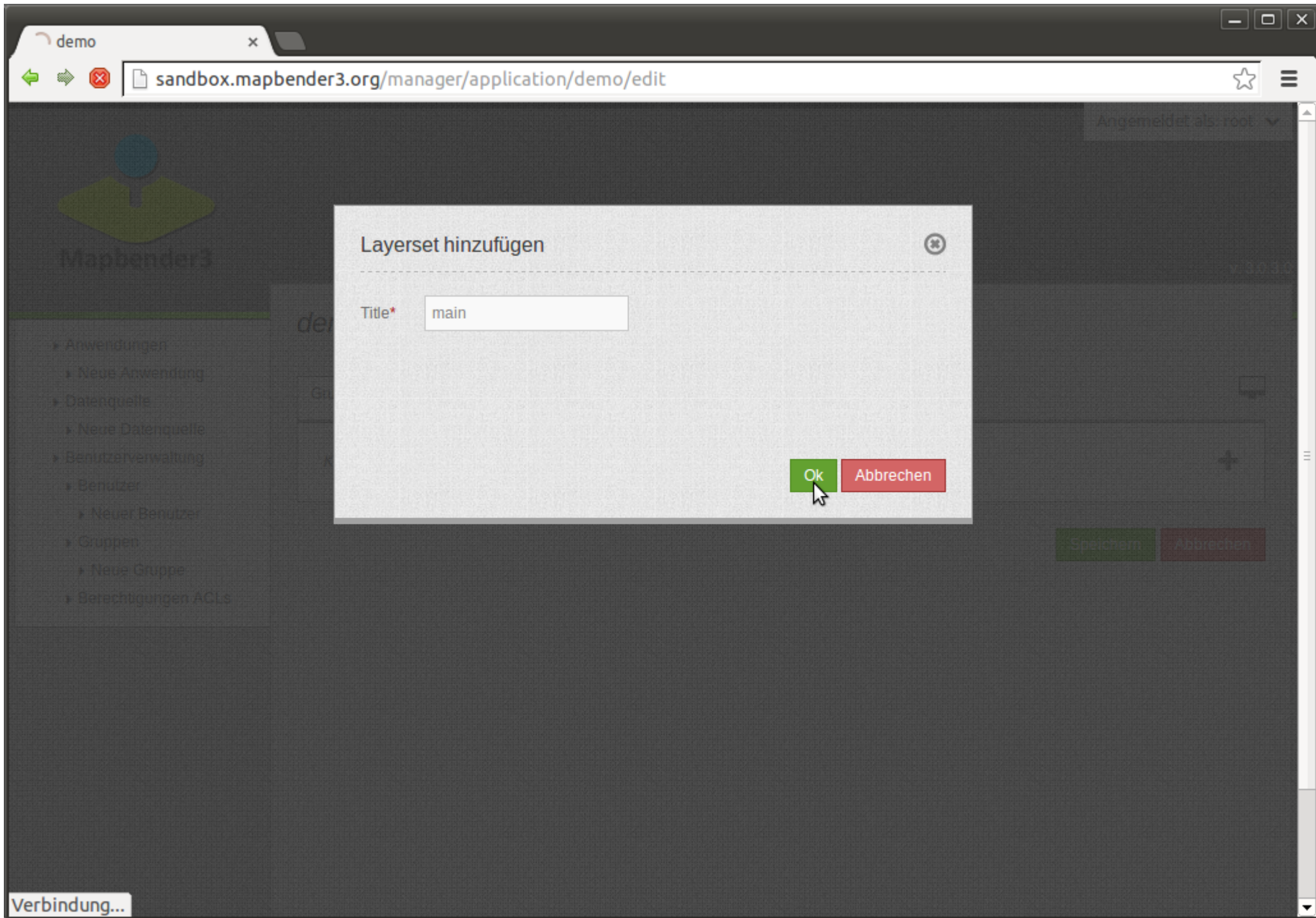
**Exception Formats:**  
application/vnd.ogc.se\_xml , application/vnd.ogc.se\_inimage , application/vnd.ogc.se\_blank

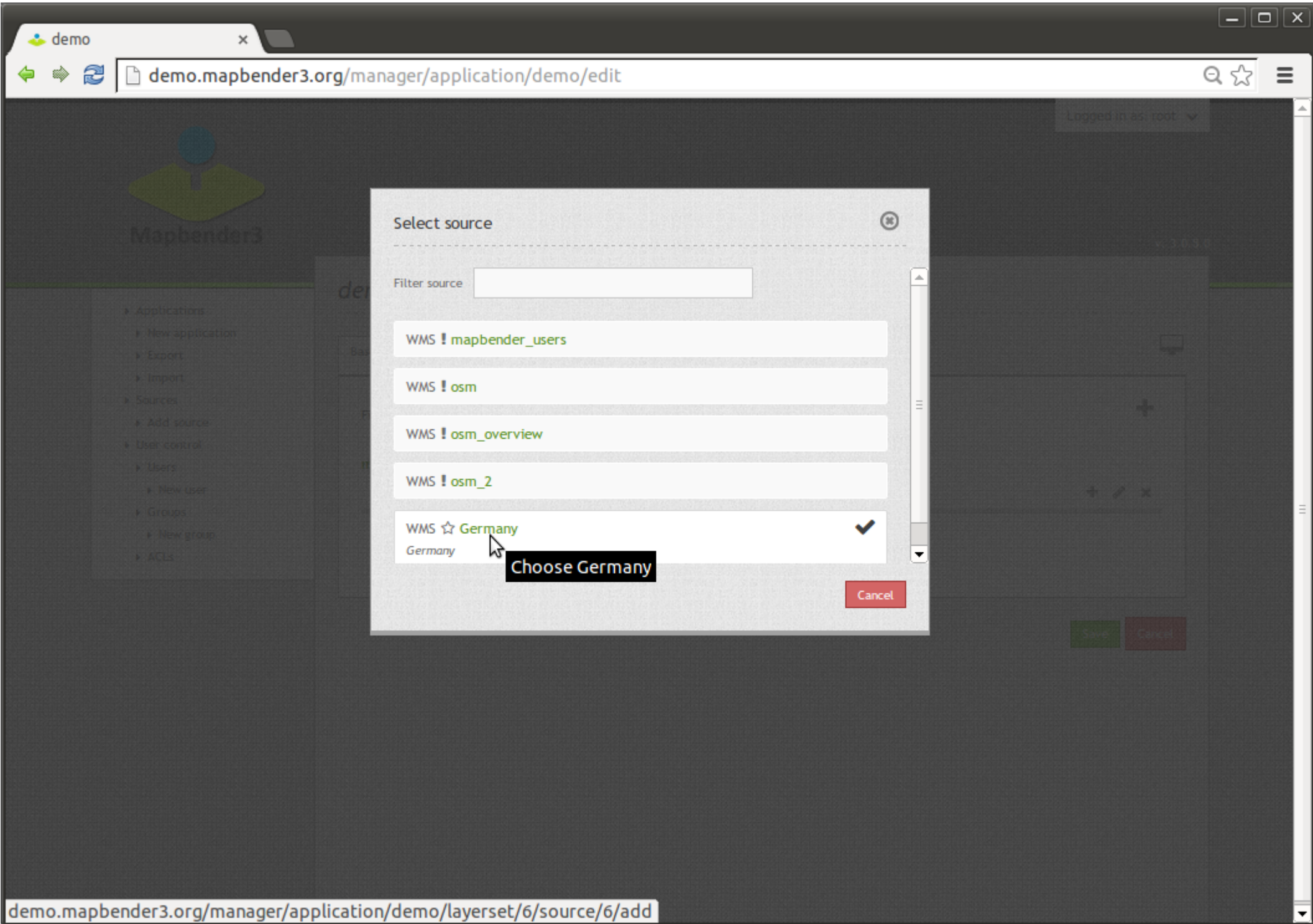
**Fees:**  
none

**Access Constraints:**  
none

Back







WMS instance (6/10) - Gei
demo.mapbender3.org/manager/repository/application/demo/instance/10

### WMS instance (6/10) - Germany

Origin URL

Title\*

Format\*

Infoformat

Exceptionformat

Opacity\*

Tile buffer

BBOX factor

☒ Visible
☒ BaseSource
☐ Proxy
☒ Transparency
☐ Tiled

Vendor specific

Save

Cancel


- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

Title	Minsc	Maxsc	active	select	info	toggle	reorder
				allow	on	allow	on
Germany	1	9.999994	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
topography	1	9.999994	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
border	750000	12499993	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

demo
x

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

Angemeldet als: root



# Mapbender3

v. 3.0.3.0

- Anwendungen
  - Neue Anwendung
- Datenquelle
  - Neue Datenquelle
- Benutzerverwaltung
  - Benutzer
    - Neuer Benutzer
  - Gruppen
    - Neue Gruppe
  - Berechtigungen ACLs

## demo

Grunddaten

Layouts

Layerset

Sicherheit

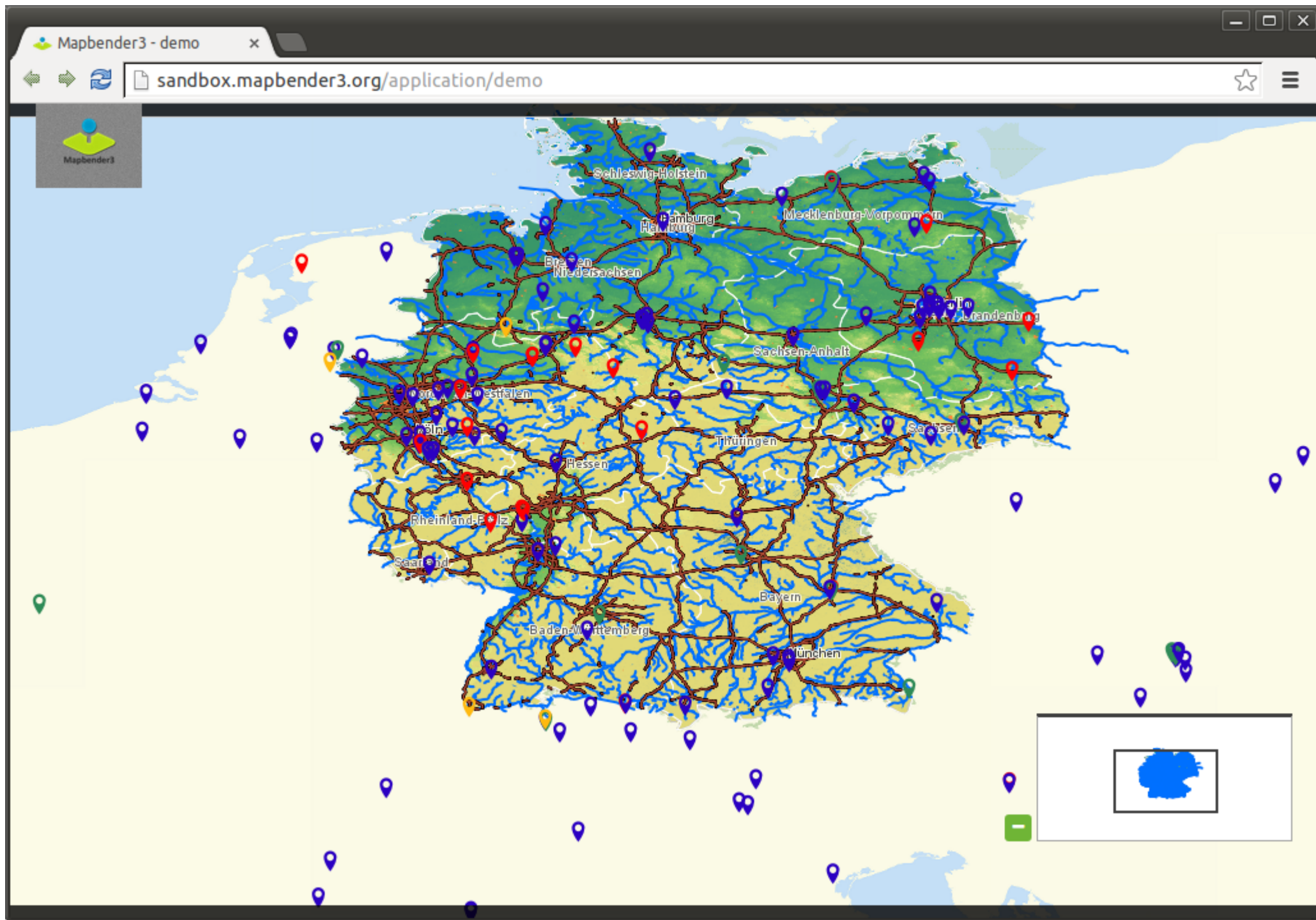
Layerset Filter

main

Id	Titel	Typ	+		x
2	Mapbender User	WMS			
3	Germany	WMS			
1	OpenStreetMap (OSM) Demo WhereGroup	WMS			

overview

Id	Titel	Typ	+		x
3	Germany	WMS			



New User x

demo.mapbender3.org/manager/user/new

Logged in as: root v

Mapbender3 v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

### New User

Base data Profile Groups Security

Username\*  
Astrid Emde

E-Mail\*  
astrid.emde@wherogroup.com

Choose password:\*  
\*\*\*\*\*


Confirm password:\*  
\*\*\*\*\*

Create Cancel

Edit User

demo.mapbender3.org/manager/user/2/edit

Logged in as: root



Mapbender3

v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

### Edit User

Base data

Profile

Groups

Security

First name

Astrid

Last name

Emde

Notes

Mapbender Developer Team

Phone

02289090380

Organization

Mapbender

Role

Owner

Street

Zip code

City

Bonn

New Group x

demo.mapbender3.org/manager/group/new

Logged in as: root v

Mapbender3 v. 3.0.5.0

- Applications
  - New application
  - Export
  - Import
- Sources
  - Add source
- User control
  - Users
    - New user
  - Groups
    - New group
  - ACLs

### New Group

Base data Users

Name\*

Workshop

Description


Workshop Group

Create Cancel

New Group

demo.mapbender3.org/manager/group/new

Logged in as: root



Mapbender3

v. 3.0.5.0

Applications

New application

Export

Import

Sources

Add source

User control

Users

New user

Groups

New group

ACLs

New Group

Base dataUsers

Filter

Name

1 users of 2 selected

root


☒ Astrid Emde

CreateCancel

demo

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

Logged in as: root



Mapbender3

Applications

New application

Export

Import

Sources

Add source

User control

Users

New user

Groups

New group

ACLs

demo

Base dataLayoutsLayersetsCSSSecurity

☐ activated

Filter

vieweditdeleteoperatormasterowner

Astrid Emde

vieweditdeleteoperatormasterowner

root

vieweditdeleteoperatormasterowner

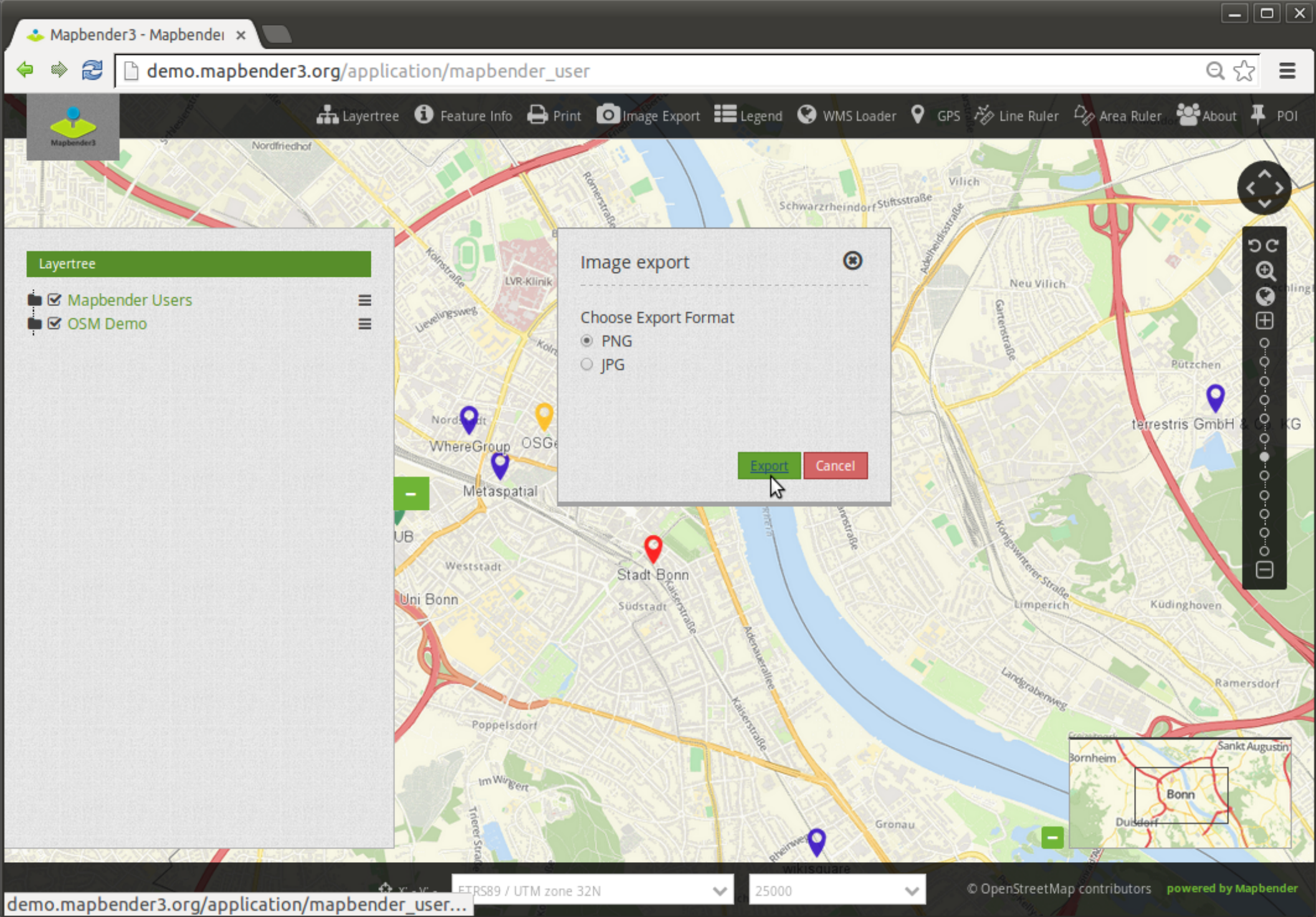
IS\_AUTHENTICATED\_ANONYMOUSLY

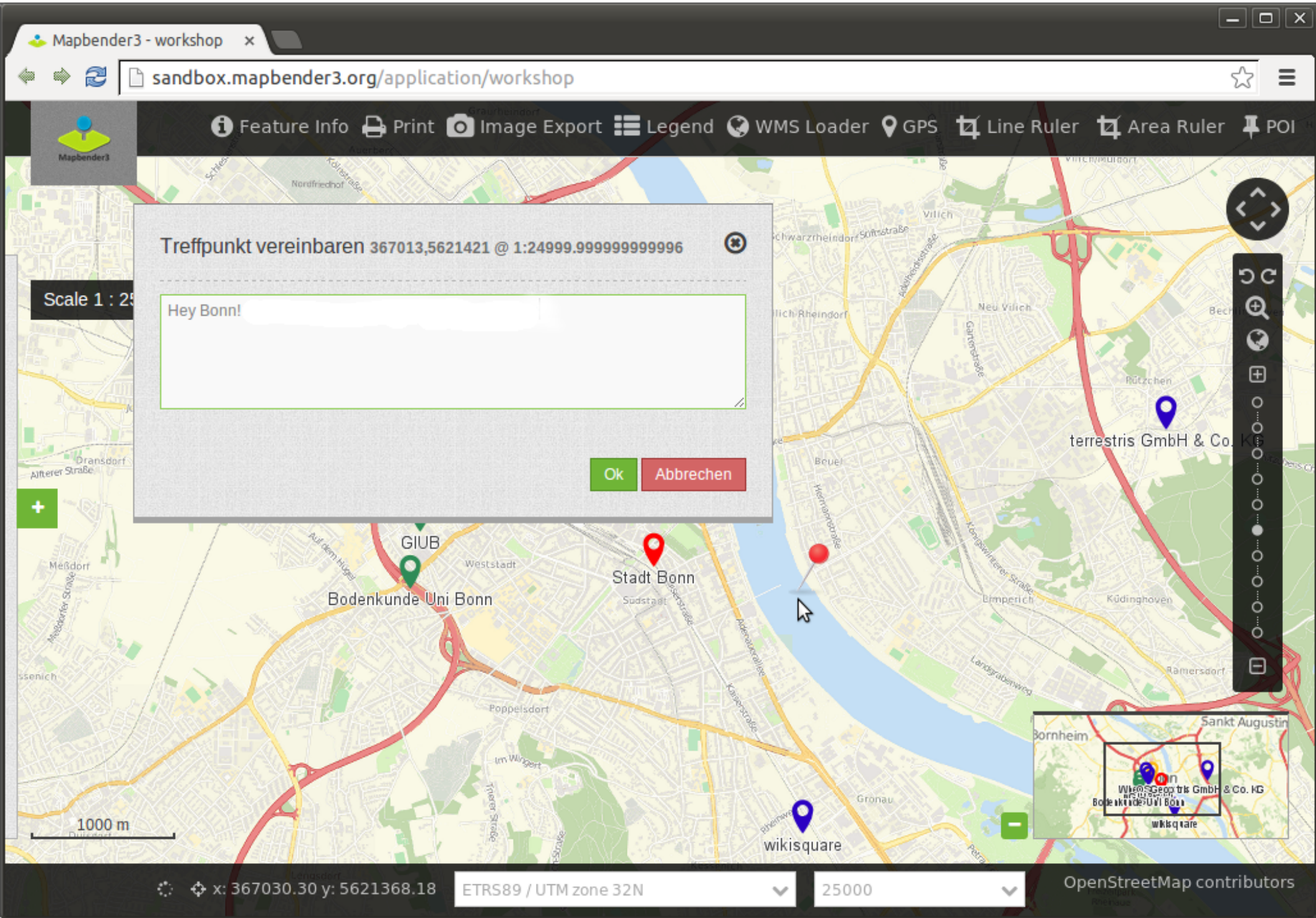
vieweditdeleteoperatormasterowner

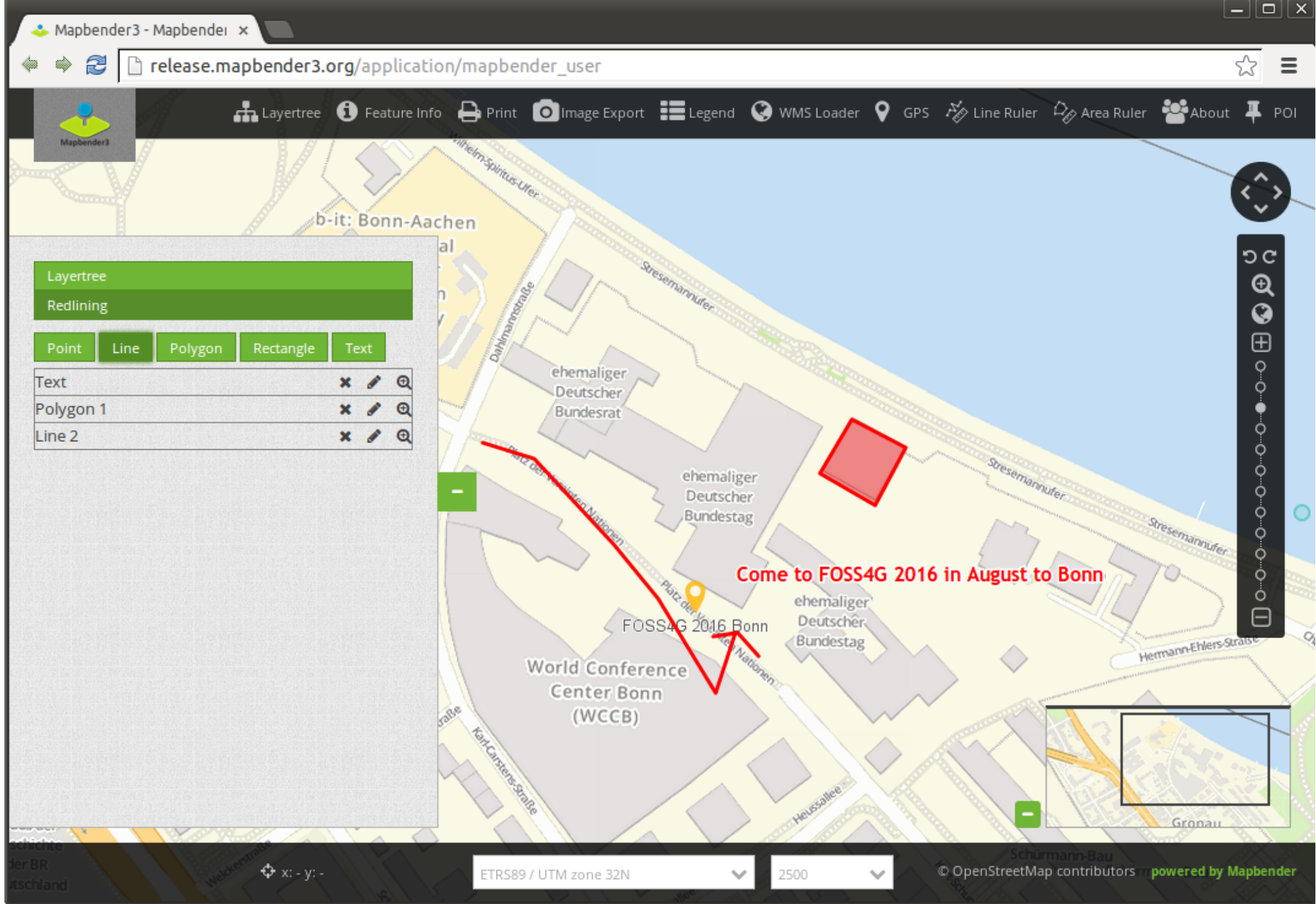
SaveCancel


demo.mapbender3.org/manager/acl/overview

Add users and gro








 Informationen zu den B-Plänen

Bebauungspläne im Verfahren

Bitte auswählen ...

 Flächenmessung Distanzmessung

Ebenenbaum

Suchen

Legende

Adresssuche

Strasse\*


Au

Hausnummer

Suchen

Zurücksetzen

Maßstab 1: 10000

 x= - y= - Nutzungsbedingungen

Informationen zu den B-Plänen

Bebauungspläne im Verfahren

Bitte auswählen ...

Flächenmessung

Distanzmessung

Ebenenbaum

Suchen

Legende

Adresssuche

Strasse\*

Auf dem

Auf dem Felde

Auf dem Knüll

Auf dem Siekkamp

Auf dem Stempel

Suchen

Zurücksetzen

Maßstab 1: 10000

x = - y =

Nutzungsbedingungen

i Informationen zu den B-Plänen

Bebauungspläne im Verfahren

Bitte auswählen ...

📏 Flächenmessung

📏 Distanzmessung

Ebenenbaum

Suchen

Legende

Adresssuche

Strasse\*

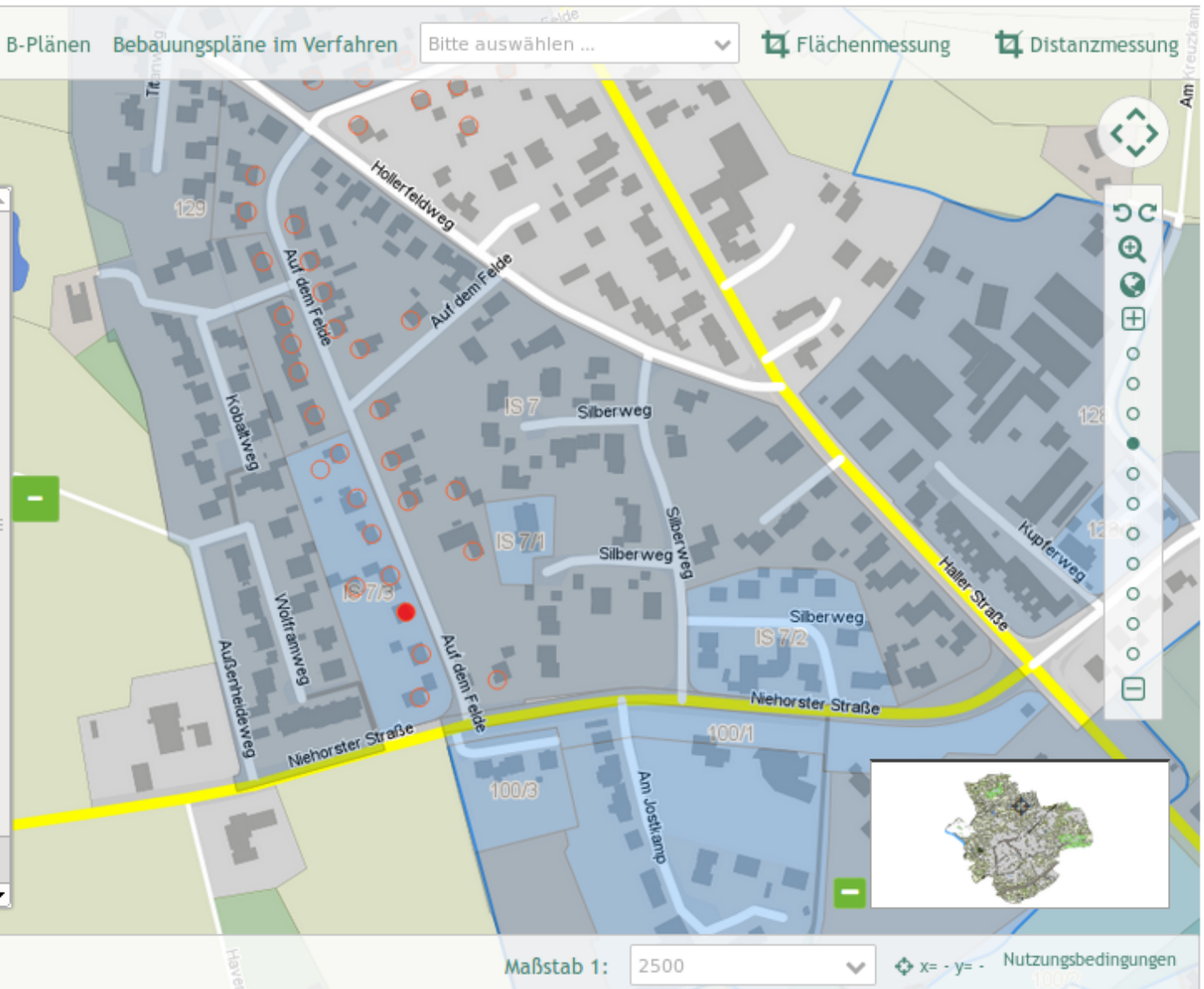
Auf dem Felde

Hausnummer

Ergebnisse: 38

**Straße** **Hausnummer**

Auf dem Felde 1  
Auf dem Felde 2  
Auf dem Felde 3  
Auf dem Felde 5  
Auf dem Felde 7 a  
Auf dem Felde 7  
Auf dem Felde 8  
Auf dem Felde 9



Maßstab 1: 2500

x= - y= Nutzungsbedingungen

i Informationen zu den B-Plänen

Bebauungspläne im Verfahren

Bitte auswählen ...

Flächenmessung

Distanzmessung

Ebenenbaum

Suchen

Legende

Adresssuche

Strasse\*

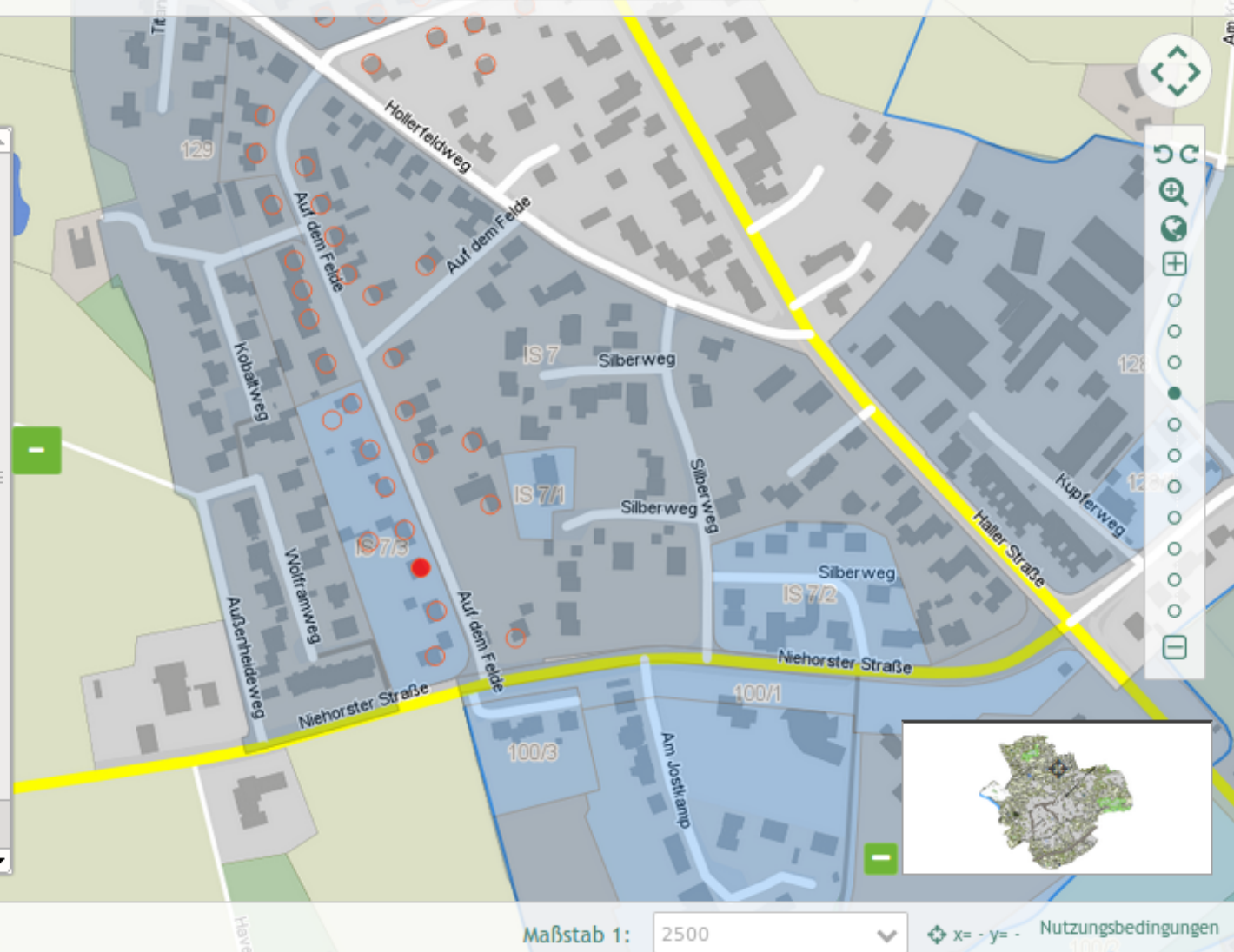
Auf dem Felde

Hausnummer

Ergebnisse: 38

**Straße** **Hausnummer**

Auf dem Felde 1  
Auf dem Felde 2  
Auf dem Felde 3  
Auf dem Felde 5  
Auf dem Felde 7 a  
Auf dem Felde 7  
Auf dem Felde 8  
Auf dem Felde 9



Maßstab 1: 2500

x= - y= Nutzungsbedingungen



# Configuration SearchRouter

```
class:
Mapbender\CoreBundle\Component\SQLSearchEngine
class_options:
  connection: search_db
  relation: ortschaften
  attributes:
    - gid
    - ortsname
  geometry_attribute: geom
form:
  ortsname:
    type: text
    options:
      required: true
      compare: exact
results:
  view: table
  count: true
  headers:
    gid: ID
    ortsname: Name
  callback:
    event: click
  ...
```

## Suchen

---

Route\*

Orte

Ortsname\*

Bonn

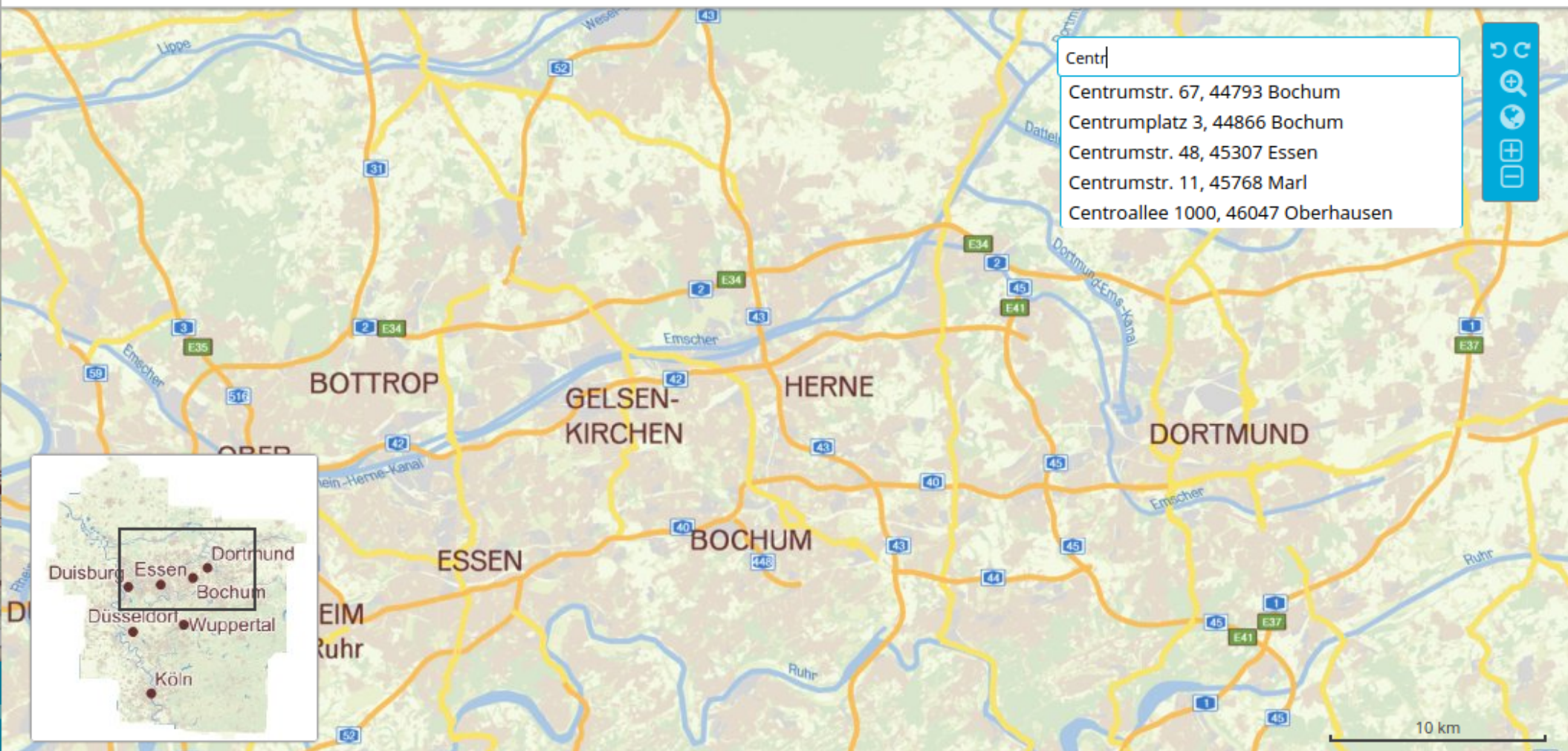
ID	Name
40714919	Bonn

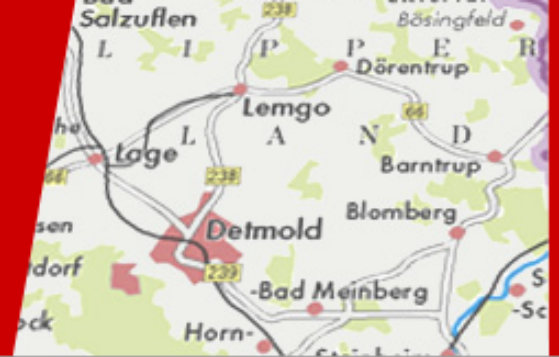
Search

Reset

Close







Geoportal Kreis Lippe

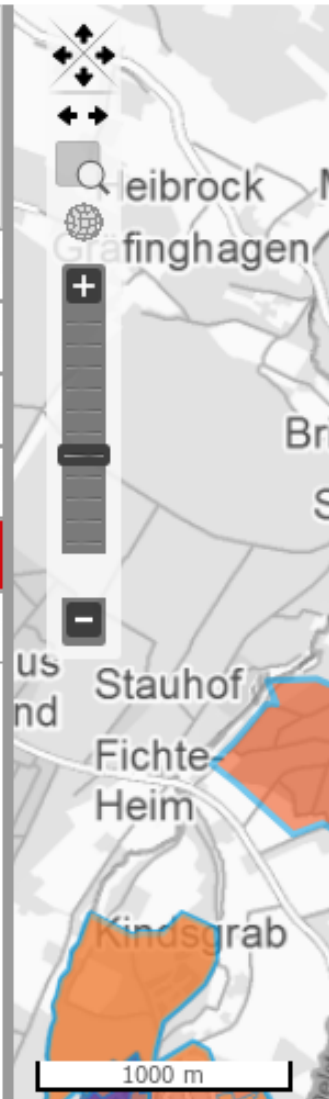


Kartenebenen

Legende

Information

Adresssuche



## Detail-Information

### Bebauungspläne und Satzungen

Plan-Nummer	01/13
Name	Piperweg-Lönsweg
Art	Bebauungsplan
Stadt/Gemeinde	Stadt Oerlinghausen
Gemarkung	Oerlinghausen
Datum der Rechtskraft	
Nummer der Änderung	0
Planzeichnung im Geoportal darstellen	<a href="#">Planzeichnung laden</a>
Download der textlichen Festsetzungen als PDF	<a href="#">Textl. Festsetzung laden</a>
Download: Planzeichnung als PDF	<a href="#">Planzeichnung als PDF</a>

Die im GeoPortal dargestellten Bauleitpläne und anderen Satzungen nach dem Baugesetzbuch mit ihren weitergehenden Informationen (textliche Festsetzungen etc.) dienen lediglich einer ersten Information. Rechtlich verbindliche Informationen hierzu erhalten Sie ausschließlich bei der Stadt Oerlinghausen, n.n.b., Tel. 05202/99366-0.

x = - y = -

ETRS89 / UTM zone 32N

Scale = 1 : 25K



115

Allgemeine Suche

Kartenanzeige

Weitere Geothemen

Geoportal Kreis Lippe



Kartenebenen

Legende

Information

Adresssuche



x = - y = -

ETRS89 / UTM zone 32N

Stadt Gütersloh – Bebauung x

www.geodaten.guetersloh.de/Bebauungsplaene

Stadt Gütersloh

# Bebauungspläne online

## L(i)ebenswertes Gütersloh

Informationen zu den B-Plänen   Bebauungspläne im Verfahren   175 im Verfahren

Flächenmessung   Distanzmessung

Bitte auswählen ...

- 182 im Verfahren
- 24 B/2 im Verfahren
- 24 A/1 im Verfahren
- 220 1.TA/5 im Verfahren
- 175 im Verfahren
- 214/5 im Verfahren

Maßstab 1: 7500

x= - y= - Nutzungsbedingungen

# Stadtplan Troisdorf



Stadt Troisdorf | Geoport: x

stadtplan.troisdorf.de

STADT TROISDORF  
Eine Familien-Angelegenheit

Stadt Troisdorf | Stadtplandienst | Hilfe | Nutzungsbedingungen | Impressum

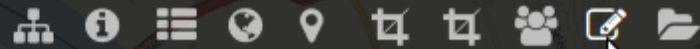
Strecke Fläche

- Allgemeine Informationen
- Bildung, Soziales und Familie
- Freizeit und Tourismus
- Kultur und Religion
  - Kultur und Religion
    - ☐ Kunsthaus
    - ☐ Museen
    - ☐ Kirchen
    - ☐ Moscheen
- Planen, Bauen, Wohnen
- Umwelt und Natur
  - Entsorgung
    - ☐ Altglascontainer
    - ☐ Altkleidercontainer
    - ☐ Sonderabfalldeponie Spich
  - Umgebungslärm
    - ☐ Umgebungslärm (Tag)
    - ☐ Umgebungslärm (Nacht)
- NRW Umweltthemen
- NRW Hochwasserkarten
- NRW Wasserschutzgebiete
- Verkehr
- Verwaltung
- Hintergrundkarten

Maßstab = 1 : 75000

ETRS89 / UTM Zone 32N 75000

Copyright Kartendaten © OpenStreetMap-Mitwirkende



Please select ...



		+
<input checked="" type="checkbox"/>		×
<input checked="" type="checkbox"/>		×
<input checked="" type="checkbox"/>		×
<input type="checkbox"/>		×

Cancel

1000 m

25000

$$\rightarrow x: - y: -$$

Mapbender3 - Geoportal

release.mapbender3.org/application/Geoportal

Mapbender3

WMC laden

+	Id	Title	Description
3	Kennedybrücke Bonn	Bonn am Rhein	
4	Poppelsdorfer Allee Bonn	Bahnhofsnähe, Bonn, Universität	
5	Botanischer Garten Bonn	Bonn	

Cancel

Please select ...

Please select ...

Kennedybrücke Bonn

Poppelsdorfer Allee Bonn

Botanischer Garten Bonn

Geozentrum

Meckenheimer

Verwaltung der Botanischen Gärten Bonn

Lyrabecken

Schaugewächshäuser

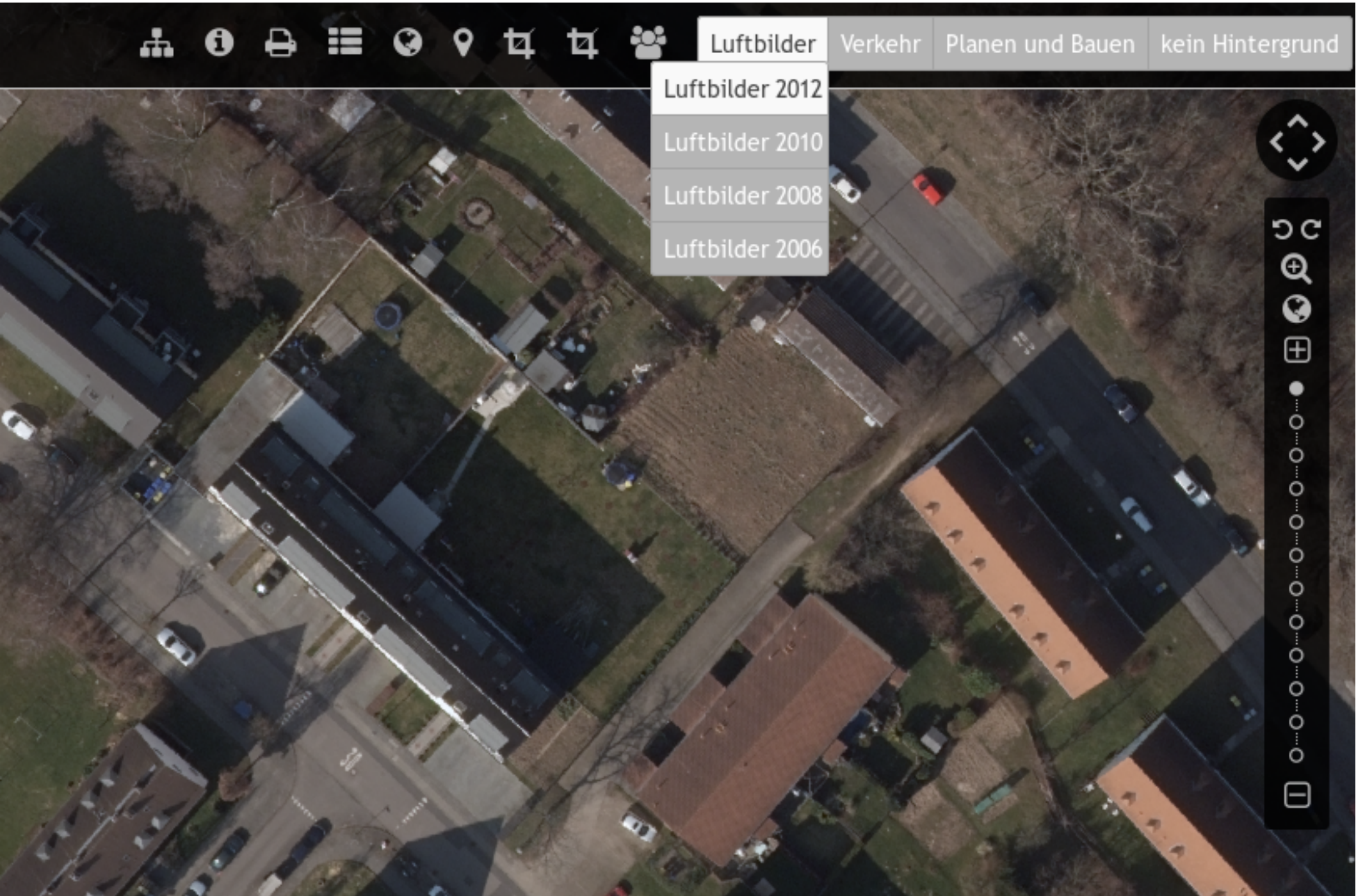
Strasburger Lehngehäuser

Botanischer Garten

Kranichbecken

1000

x: - y: -





Botanischer Garten Bonn

Geoportal

Layer tree

Legend

Mapbender User

Mapbender User



Company



Administration



University



User

OpenStreetMap (OSM)

WhereGroup

Help

Impress

## Demo

Base data

Layouts

Layersets

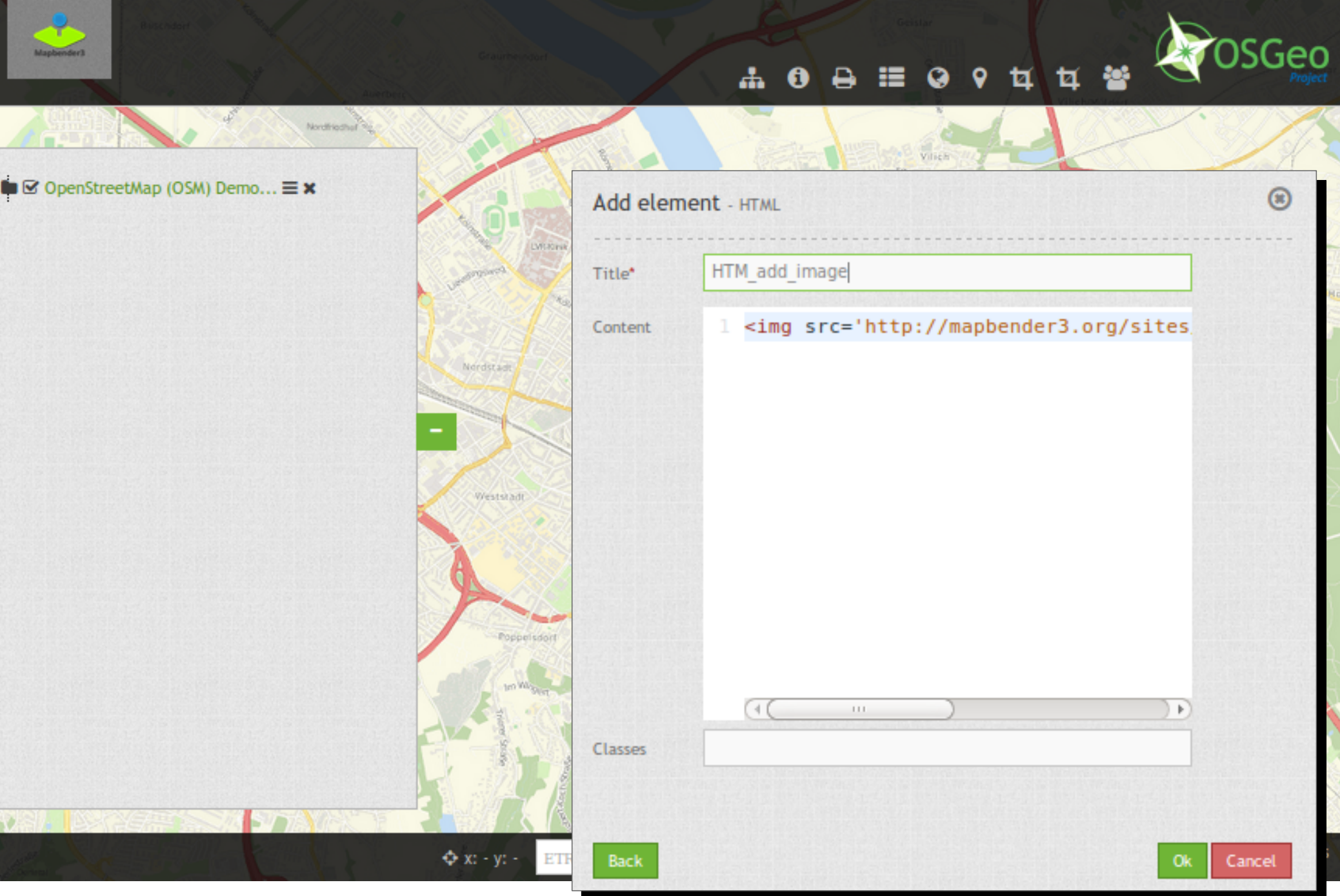
CSS

Security

```
1 .toolBar {
2     background-color: rgba(0, 29, 122, 0.8) !important;
3 }
4
5 .toolPane {
6     background-color: rgba(0, 29, 122, 0.8) !important;
7 }
8
9 .pan{
10     background-color: rgba(0, 93, 83, 0.9);
11 }
12
13 .sidePane {
14     overflow: visible;
15     background-image: url("");
```

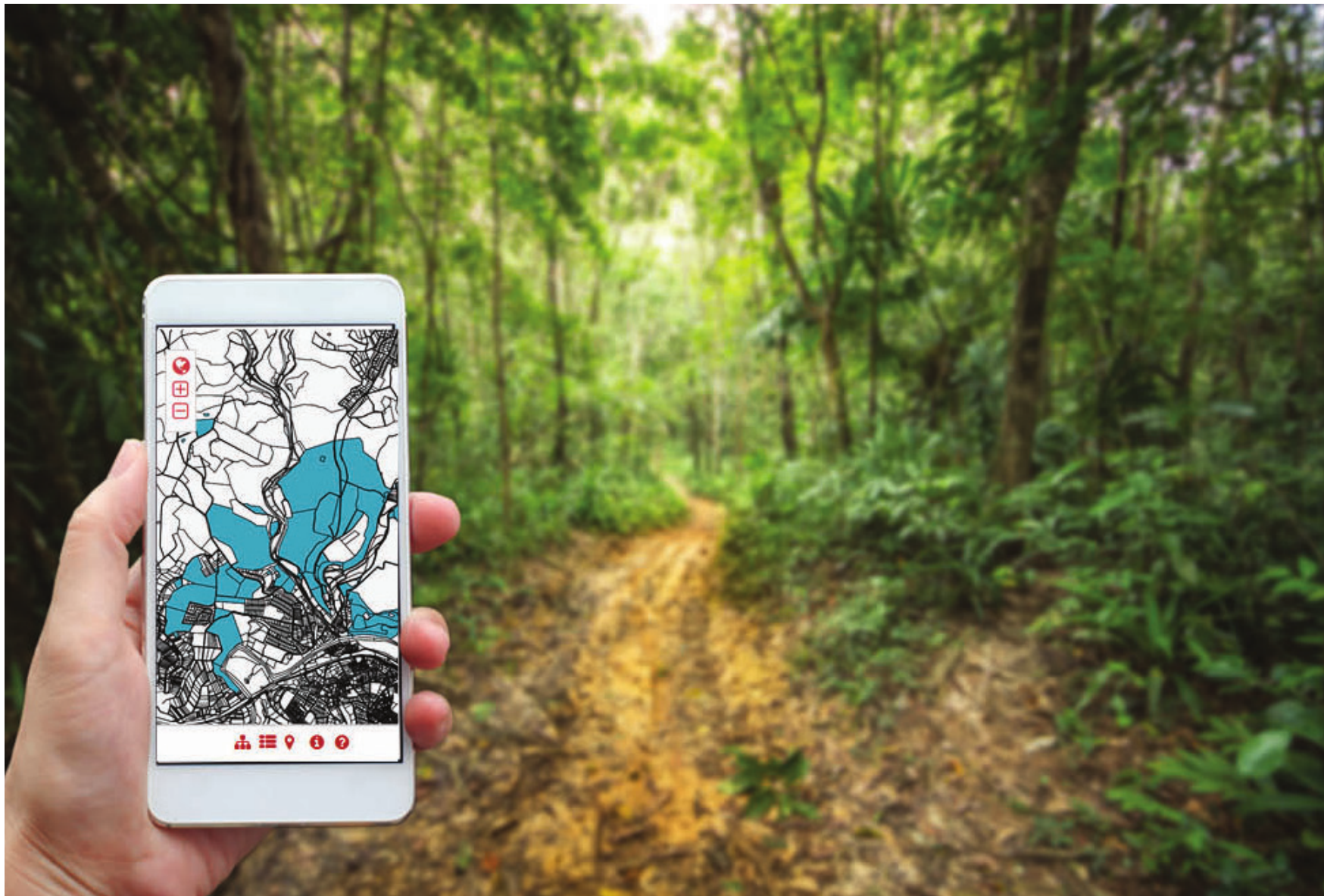
Save

Cancel





# Mobile Template





















### Baumkontrolle

Bäume

☒ nur Objekte des aktuellen Kartenausschnitts anzeigen.

Search:

Nr.	Baum	
304	304: TILIA 'GREENSPIRE'	 
305	305: TILIA 'GREENSPIRE'	 
307	307: TILIA 'GREENSPIRE'	 
308	308: TILIA 'GREENSPIRE'	 
309	309: TILIA 'GREENSPIRE'	 
310	310: TILIA 'GREENSPIRE'	 
311	311: TILIA 'GREENSPIRE'	 
312	312: TILIA 'GREENSPIRE'	 


Suchen

Thema

Abfragen


### Bäume

Kontrolle Pflege Stammdaten Krone Stamm Stammfuß

**Baumart** 

Nr. 308 TILIA 'GREENSPIRE' (STADT-LINDE)

**Bemerkungen zum Baum**

**Lage** 

Theodor-Körner-Straße (Straßenbegleitgrün)

**Standort Bemerkung**


gegenüber hausnummer 1

**Zustand**

Baum vorhanden

**Vitalität**

Bestandsaufnahme Bemerkung


**Kontrollintervall Stufe** 

C - 2 Jahre

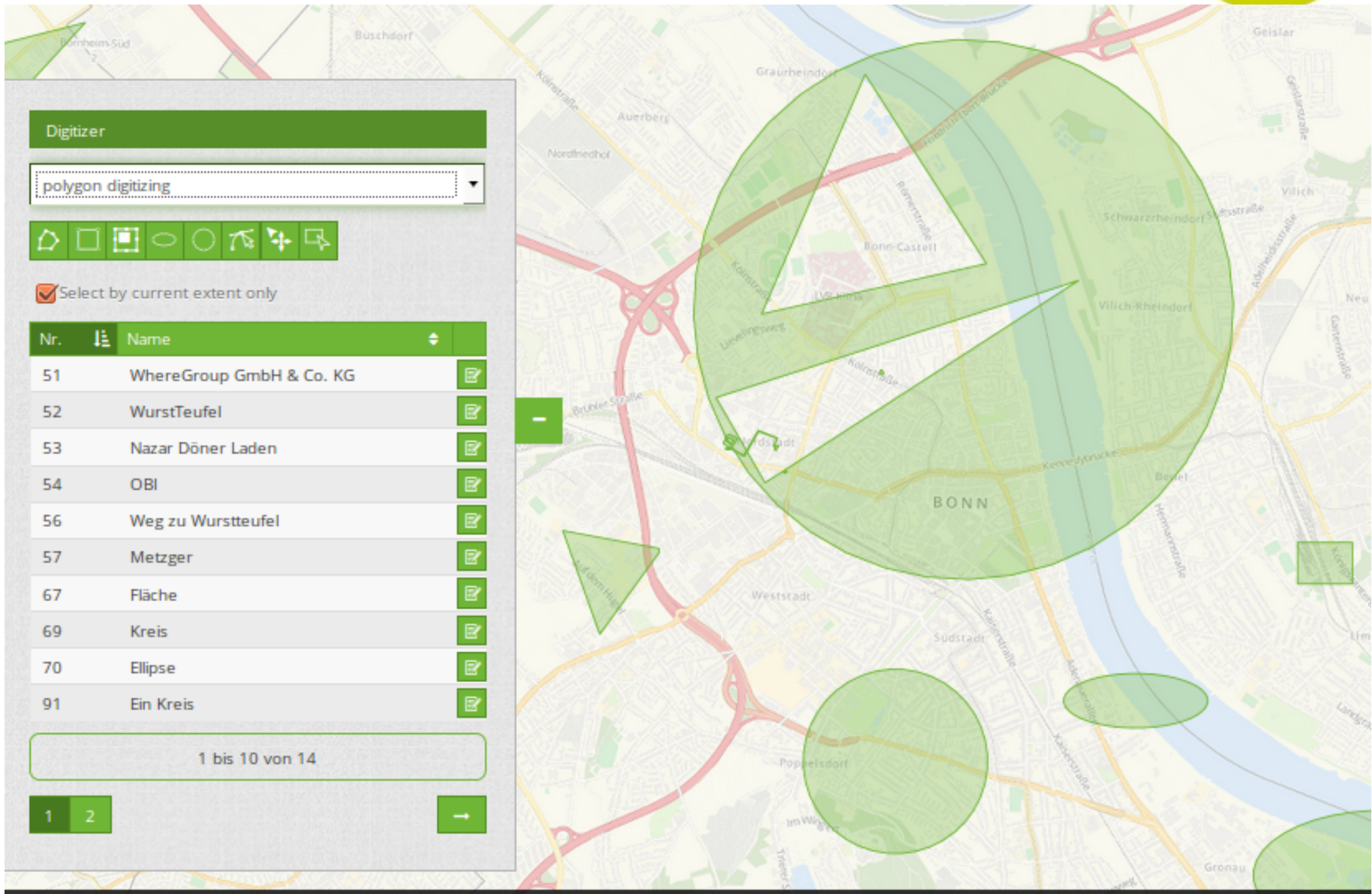
letzte Kontrolle: 11.03.2015

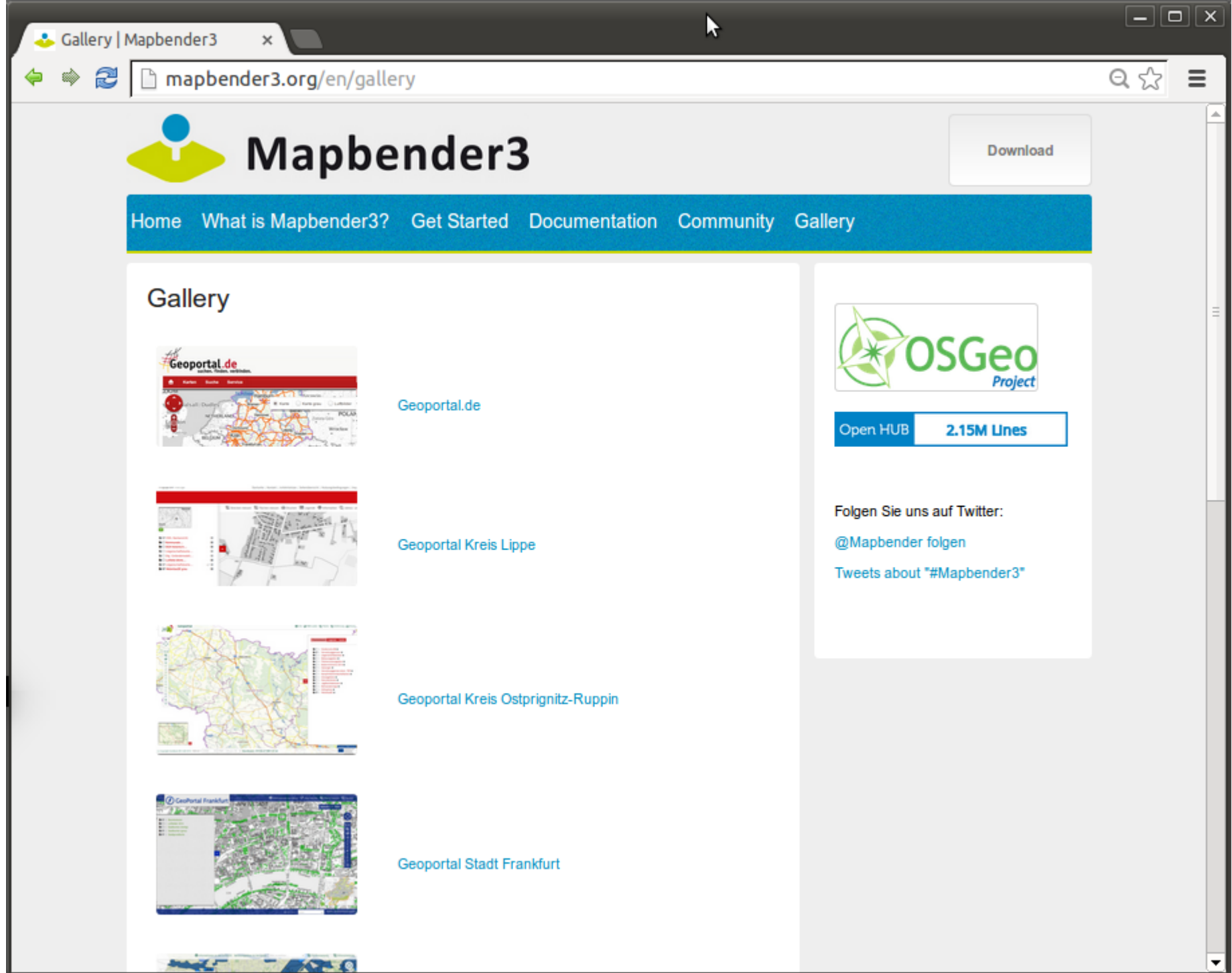
< Sep 2015 >

Mo	Di	Mi	Do	Fr	Sa	So
		1	2	3	4	5
	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

**Zeitpunkt** 

Speichern Löschen Abbrechen






Welcome to Mapbender3 x

doc.mapbender3.org/en/index.html

Mapbender3 Documentation » [previous](#) | [next](#) | [Index](#)



## Welcome to Mapbender3's documentation!

Contents:

- [The Book](#)
  - ◊ [Installation](#)
  - ◊ [Git-based installation](#)
  - ◊ [Using the quick\\_install.py script](#)
  - ◊ [Components](#)
  - ◊ [Directory structure in Mapbender3](#)
  - ◊ [Concepts](#)
  - ◊ [Configuring the database](#)
  - ◊ [Translation in Mapbender3](#)
  - ◊ [How to create your own Template?](#)
  - ◊ [How to change the style of your application with the css-editor?](#)
  - ◊ [Mapbender3 Quickstart](#)
  - ◊ [Mapbender templates](#)
  - ◊ [Glossary](#)
  - ◊ [Version history](#)
- [Bundle Documentation](#)
  - ◊ [MapbenderCoreBundle](#)
  - ◊ [MapbenderWMSBundle](#)
  - ◊ [MapbenderWMCBundle](#)
  - ◊ [FOMUserBundle - Users and Security](#)
  - ◊ [FOMManagerBundle -Using the FOM Manager](#)
  - ◊ [OwsProxy3CoreBundle](#)
  - ◊ [How to create a Bundle?](#)
- [The Developer's Book](#)
  - ◊ [Introduction](#)

**Table Of Contents**

[Welcome to Mapbender3's documentation!](#)

- [Indices and tables](#)

**Previous topic**

[Welcome to the Mapbender3 documentation](#)

**Next topic**

[The Book](#)

**This Page**

[Show Source](#)

**Quick search**

Enter search terms or a module, class



## Which components does Mapbender3 use?

- **Symfony2 as PHP framework**
  - **Doctrine, Twig, Monolog, Bootstrap...**
  - **Bundles**
- **OpenLayers**
- **MapQuery**
- **jQuery**
- **SQLite, PostgreSQL, MySQL, Oracle database**



## Version 3.0.5.4

- Release will get published after FOSS4G 2016
- Bugfix Release with lot of fixes
- SASS-Compiler - Performance improvements
- Support for PHP 7
- Unification of structure



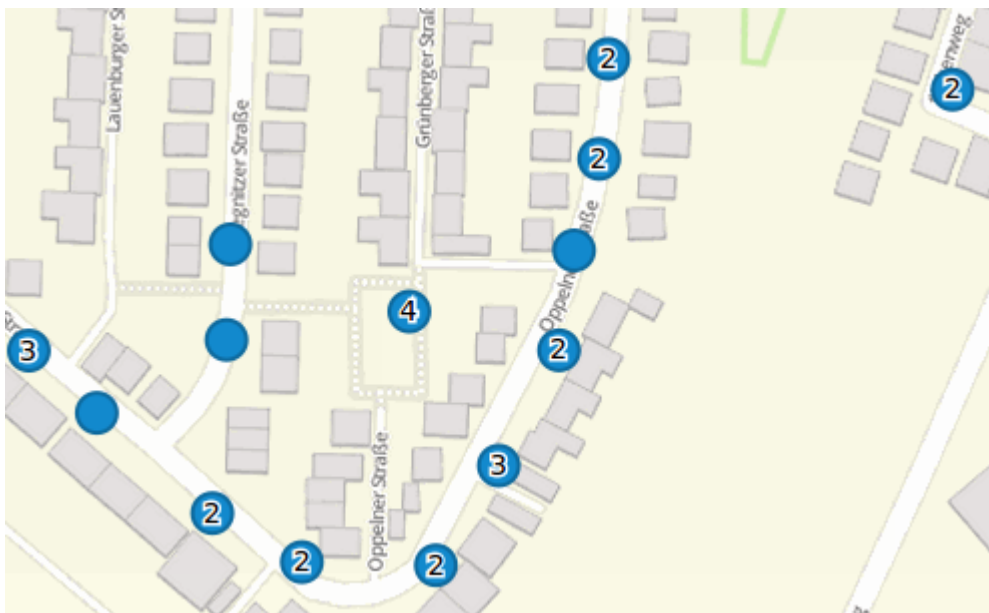
## Version 3.0.6

- **Feature Release**
- **Update to Symfony 2.7 LTS**
- **Modularisation of elements (repository for each Element)**
  - **makes update easier**
  - **easier contribution of functionality by other developer**



in progress

## Digitizer - Clustering



poi:

...

clustering:

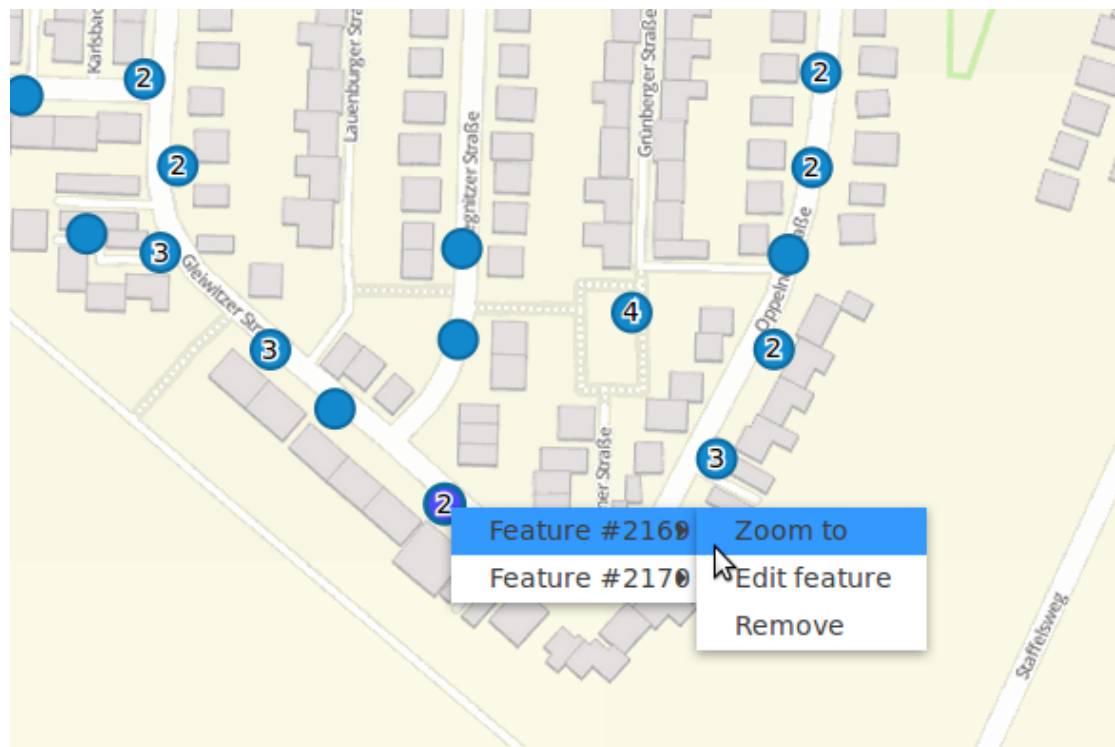
- scale: 10000  
distance: 60
- scale: 2500  
distance: 40
- scale: 1000  
distance: 20
- scale: 500  
distance: 1  
disable: true

- **distance**: Distance between features in meters to start the clustering
- **disable**: Disables the clustering

*in progress*



## Digitizer - Context menu



poi:

...

useContextMenu: true



## Edit data without geometry

- e.g. tree species, interests

Data store Interests

+

Search:

Interest

Ballet		
Books		
Bowling		
BreakDance		
Cooking		
Cricket		
Dance		
Football		
Gaming		
Gardening		

1 / 10 (25)

1 2 3

Interests

Interest

Gardening

☐ Is your interest sport?

☒ Is this interest good for your health?

comment

I like flowers a lot.

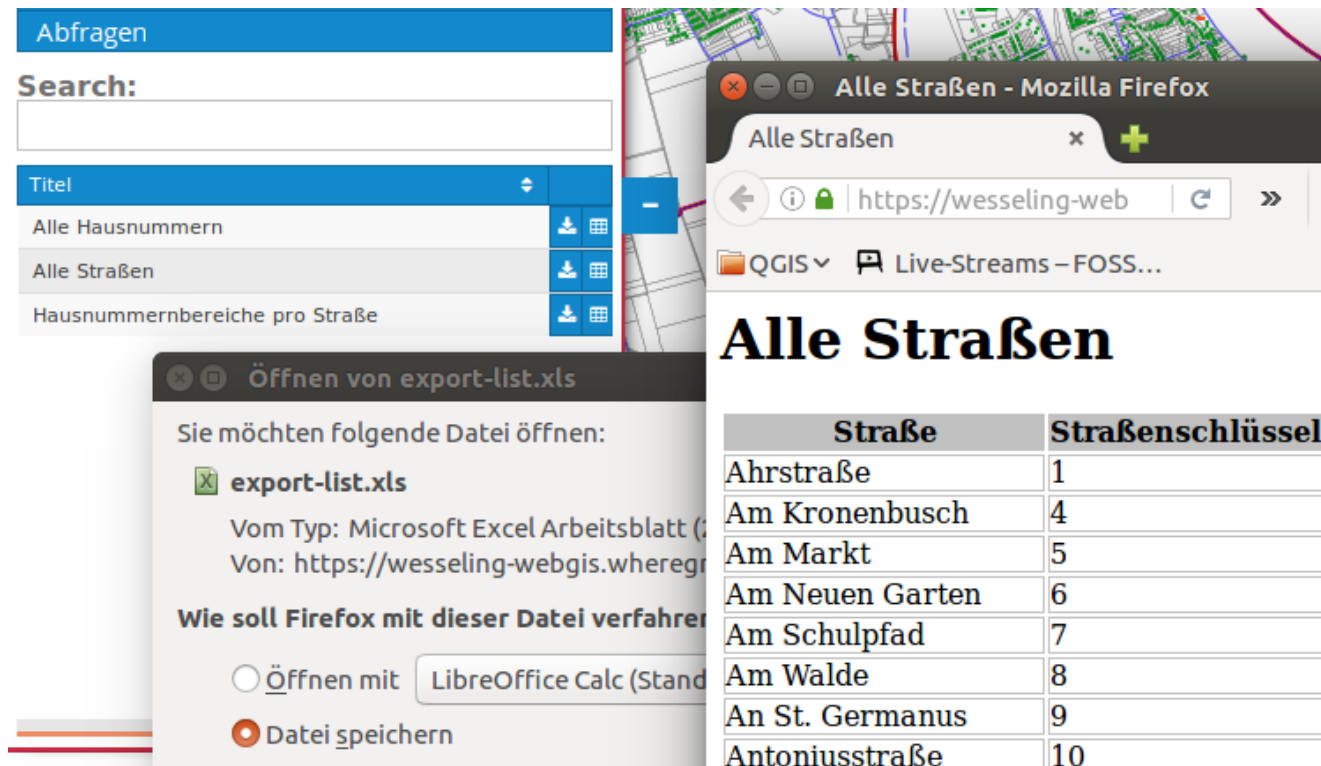
Save Remove Cancel



**in progress**

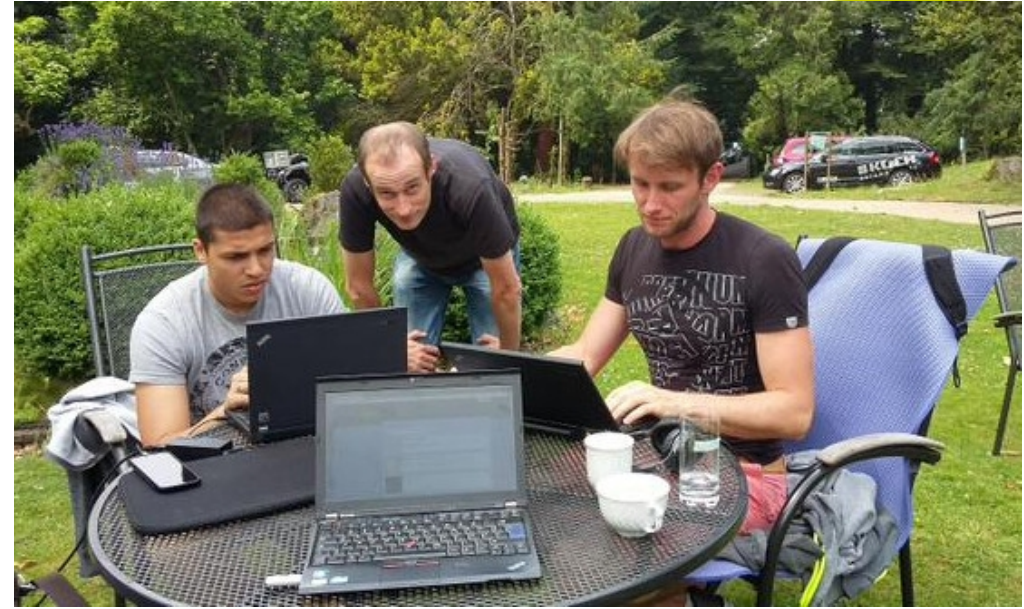
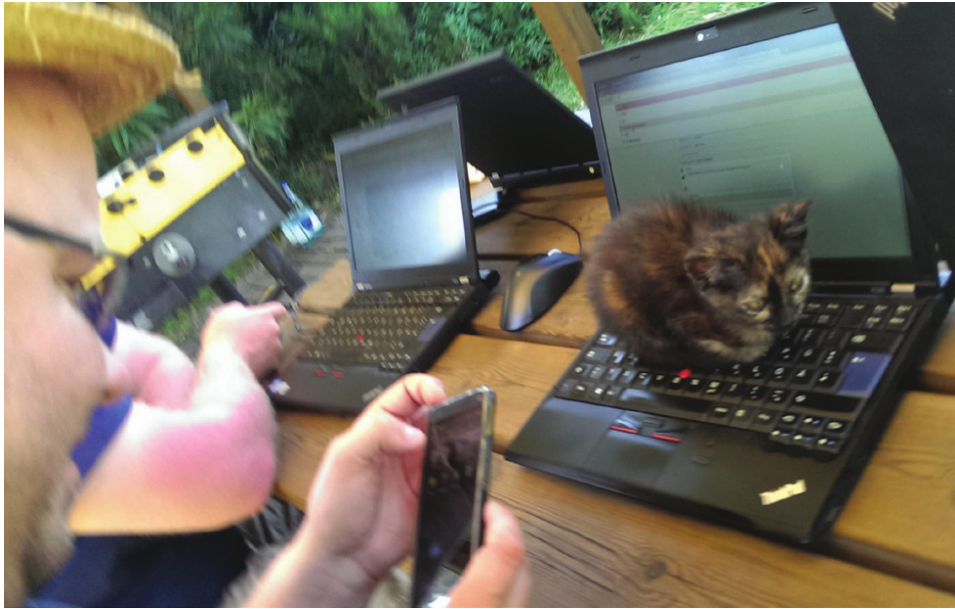
## Query\_Builder for evaluation

- Embed, view and edit SQL queries
- Export results



The screenshot shows a web application interface for a query builder. On the left, there is a sidebar with a search bar and a list of queries. The main area displays a map with a red location pin. A table titled 'Alle Straßen' is shown, listing street names and their corresponding keys. A file dialog is open, showing the file 'export-list.xls' and options to open it with LibreOffice Calc or save it.

Straße	Straßenschlüssel
Ahrstraße	1
Am Kronenbusch	4
Am Markt	5
Am Neuen Garten	6
Am Schulpfad	7
Am Walde	8
An St. Germanus	9
Antoniusstraße	10



@OSGeo Hacking  
Event Bolsena 2014



@FOSSGIS Hacking  
Linuxhotel Essen 2015

@FOSS4G Code  
Sprint Basecamp Bonn  
2016

## Join us on Saturday

- Join us at  
**FOSS4G  
Codesprint in  
Bonn**
- **Sat 2016-08-27**



@FOSS4G Codesprint Basecamp Bonn 2016

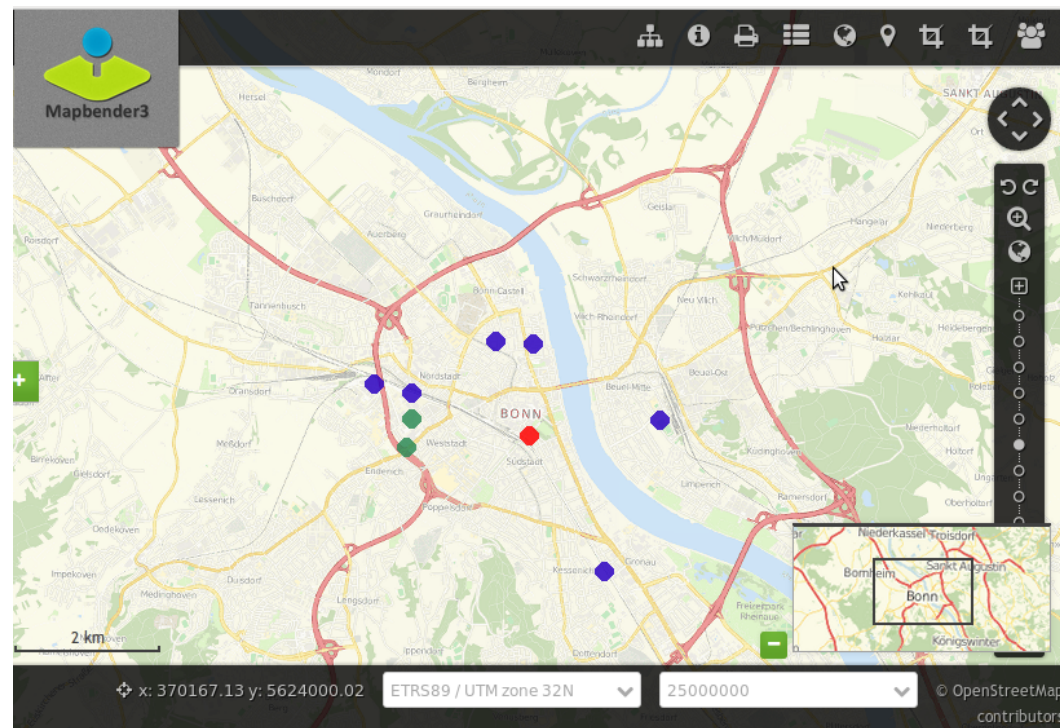


# Mapbender3 Demo

Try it yourself

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

Mapbender 3.0.5.3 on  
OSGeo-Live 10.0





**Thank you**

**Astrid Emde [astrid\\_emde@osgeo.org](mailto:astrid_emde@osgeo.org)**

**[mapbender-users@list.osgeo.org](mailto:mapbender-users@list.osgeo.org)**

With friendly support by:



WhereGroup

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