



Mapbender3

für den einfachen Aufbau von WebGIS Anwendungen

Astrid Emde
AGIT 2016 Salzburg



Astrid Emde

- Mapbender Developer Team
- Mapbender PSC (Project Steering Committee)
- Konzeption, Testen, Dokumentation, Release

- WhereGroup Bonn <http://wherogroup.com>



Astrid Emde

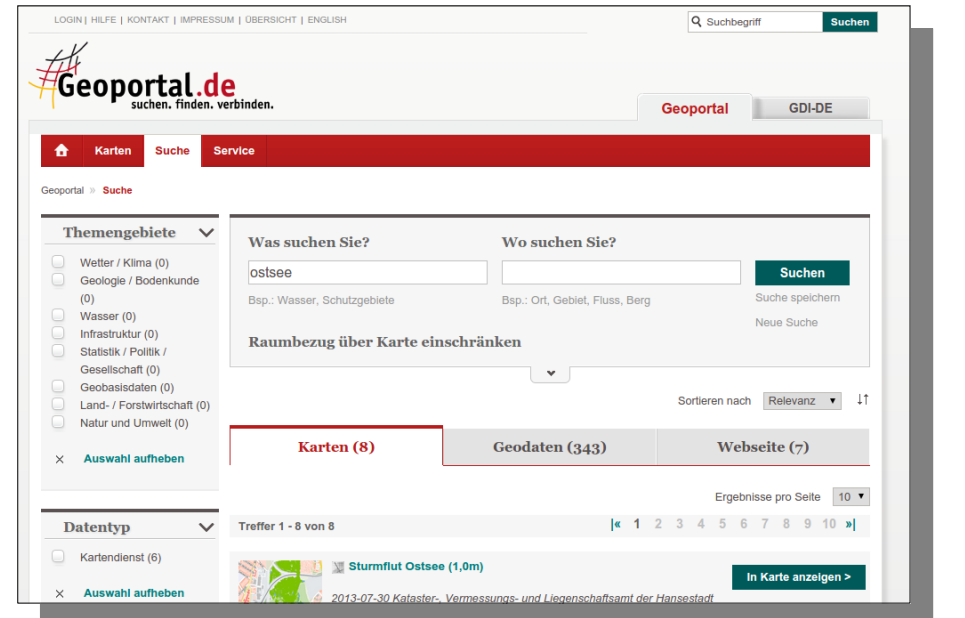
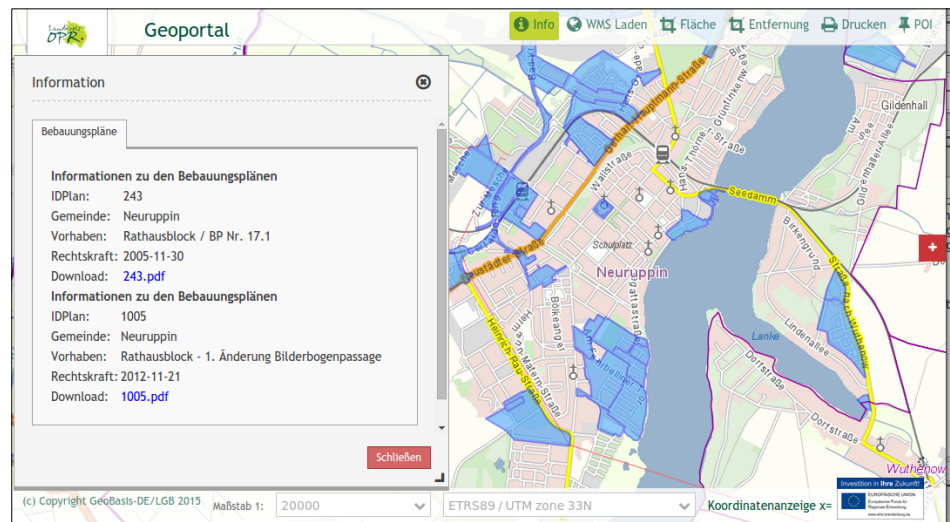
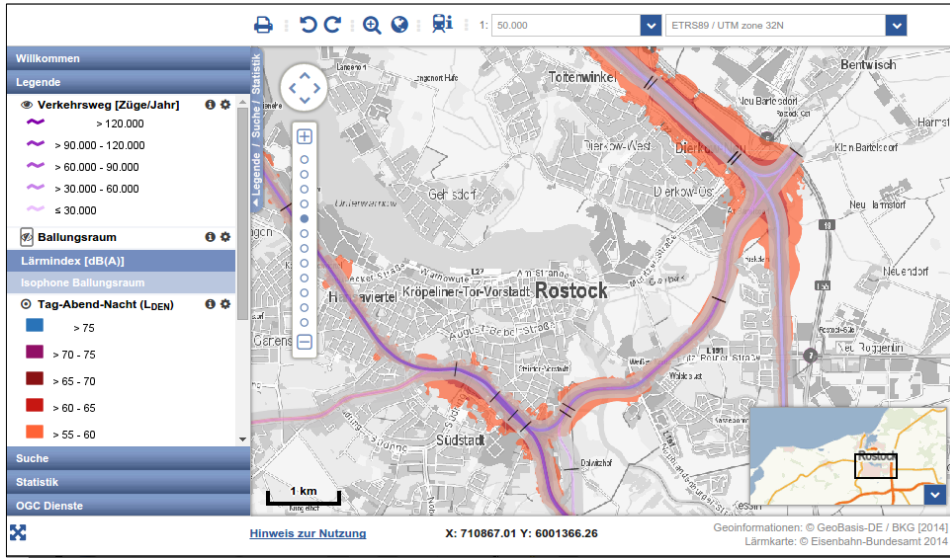
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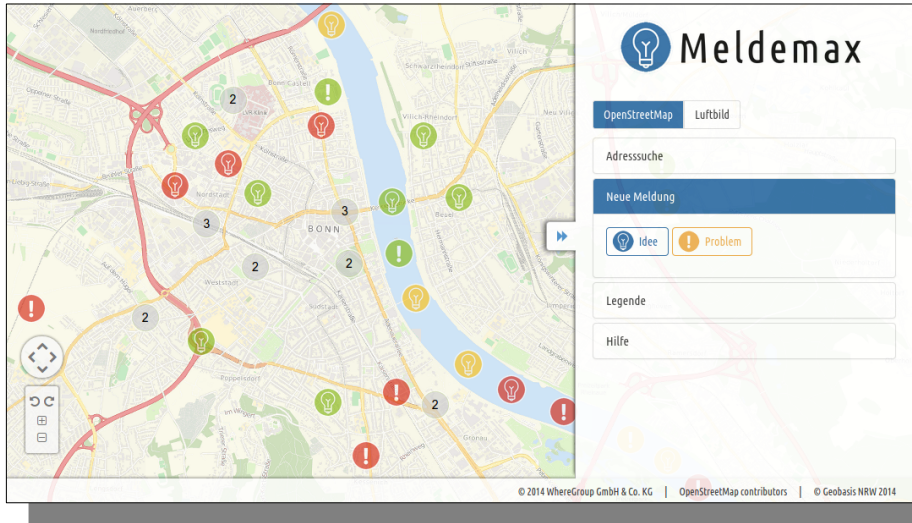


WhereGroup

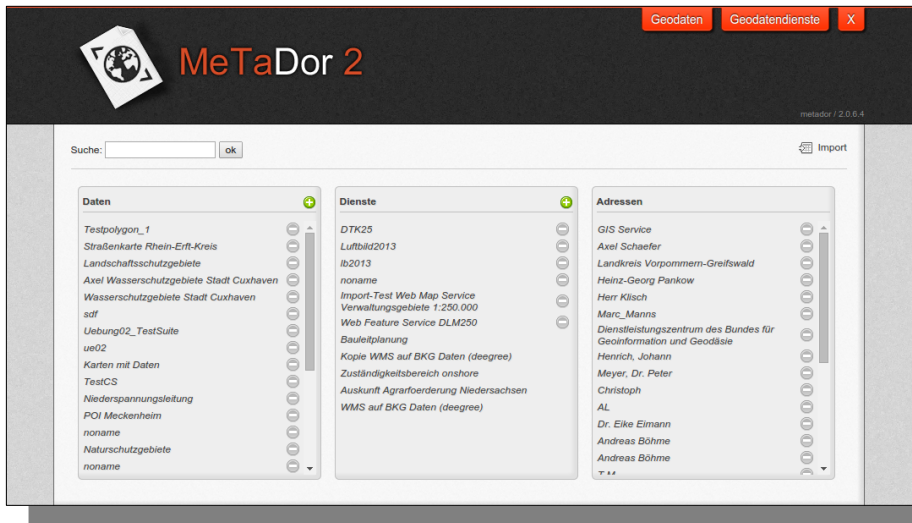
WhereGroup



WhereGroup



Meldemax
Meldeplattform für
Ideen und Probleme
im Stadtbild



MetaDor2
Metadateneditor

**Consulting, Schulungen
& mehr**



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



Mapbender Komponenten

Anwendungen

Dienste

Rollen



Welche Komponenten nutzt Mapbender3?

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



Anwendungen

Mapbender3 - Mapbender Demo Map - Chromium

Mapbender3 - Mapbender | x

sandbox.mapbender3.org/application/mapbender_user

Mapbender3

Scale 1 : 100K

5 km

Mapbender3 interface showing a map of Wesseling, Germany, with various road types (A 4, A 59, A 553, A 560, B 56) and labels (Wesseling, Niederkassel, Troisdorf, Sankt Augustin, Hennef, Bornheim, Brühl, Rösraath, Lohmar). The interface includes a toolbar with icons for Layer tree, Feature Info, Print, Legend, WMS Loader, GPS, Line Ruler, Area Ruler, and About. A scale bar indicates 5 km and 1:100K. The status bar at the bottom shows coordinates (x: 357446.33 y: 5641658.76), projection (ETRS89 / UTM zone 32N), and scale (100000). © OpenStreetMap contributors

Mapbender3 - Mapbender Demo Map - Chromium

Mapbender3 - Mapbender x

sandbox.mapbender3.org/application/mapbender_user

Mapbender3

Scale 1 : 10K

500 m

5000000
1000000
500000
100000
50000
25000
10000
7500
5000
2500
1000
500
10000

ETRS89 / UTM zone 32N

© OpenStreetMap contributors

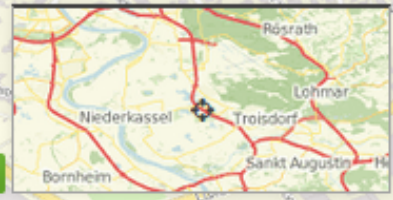


Scale 1 : 6341



200 m scale bar

- ETRS89 / UTM zone 32N
- ETRS89 / UTM zone 33N
- DHDN / 3-degree Gauss-Kruger zone 2
- DHDN / 3-degree Gauss-Kruger zone 3
- WGS 84**



x: - y: -

WGS 84

10000

Mapbender3 - mapbender x

sandbox.mapbender3.org/application/mapbender_user_yml

Mapbender3

Layertree Feature Info Print Image Export Legend WMS Loader GPS Line Ruler Area Ruler About POI

Spicher See

Layer tree: Mapbender Users, Name, User, OSM Demo

85

WGS 84 10000

© OpenStreetMap contributors powered by Mapbender

Mapbender3 - mapbender x

sandbox.mapbender3.org/application/mapbender_user.yml

Mapbender3

Layertree Feature Info Print Image Export Legend WMS Loader GPS Line Ruler Area Ruler About POI

Legend

Mapbender Users

User

- Company
- Administration
- University
- User

Schließen

Layertree

- Mapbender Users
- Name
- User
- OSM Demo

85

x: - y: - WGS 84 10000

© OpenStreetMap contributors powered by Mapbender

Mapbender3 - mapbendei x

sandbox.mapbender3.org/application/mapbender_user_yml

Layertree Feature Info Print Image Export Legend WMS Loader GPS Line Ruler Area Ruler About POI

WMS Loader

Beispiel: `http://wms.wherogroup.com/cgi-bin/mapbender_user.xml?`
`VERSION=1.1.1&REQUEST=GetCapabilities&SERVICE=WMS`

URL:

Benutzername:

Password:

WGS 84 25000

© OpenStreetMap contributors powered by Mapbender

sandbox.mapbender3.org/application/mapbender_user_yml#mbpopup-1/button/ok

Mapbender3 - mapbender x

sandbox.mapbender3.org/application/mapbender_user_yml

Layertree Feature Info Print Image Export Legend WMS Loader GPS Line Ruler Area Ruler About POI

Layertree

- Germany
- Mapbender Users
 - Name
 - User
- OSM Demo

85

x: - y: - WGS 84 25000

© OpenStreetMap contributors powered by Mapbender

Mapbender3 - Mapbender Demo Map - Chromium

Mapbender3 - Mapbender x

sandbox.mapbender3.org/application/mapbender_user

Layertree Feature Info Print Legend WMS Loader GPS Line Ruler Area Ruler About

Mapbender3

Scale 1 : 2500

Distance

- 40.69 m
- 193.84 m
- 254.36 m
- 382.62 m
- 484.15 m
- 555.10 m
- 593.03 m
- 603.69 m

Close

100 m

x: 367697.96 y: 5621775.46 ETRS89 / UTM zone 32N 2500 © OpenStreetMap contributors

Mapbender3 - Mapbender Demo Map - Chromium

Mapbender3 - Mapbender x

sandbox.mapbender3.org/application/mapbender_user

Layertree Feature Info Print Legend WMS Loader GPS Line Ruler Area Ruler About

Mapbender3

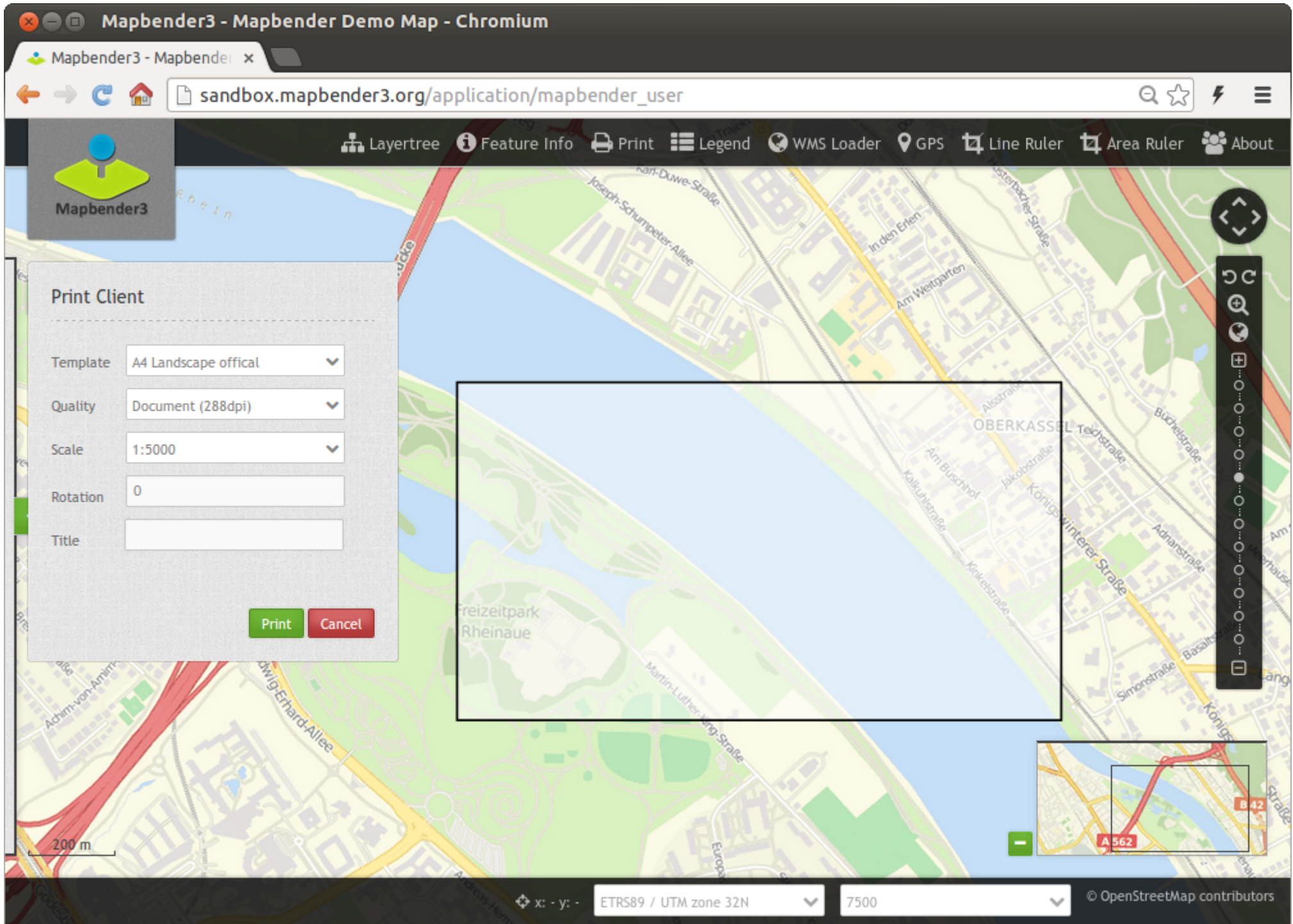
Scale 1 : 2500

Area

1819.33 m²
Close

100 m

x: 367683.85 y: 5621800.15 ETRS89 / UTM zone 32N 2500 © OpenStreetMap contributors



Mapbender3 - Mapbender Demo Map - Chromium

Mapbender3 - Mapbender x

sandbox.mapbender3.org/application/mapbender_user

Layertree Feature Info Print Legend WMS Loader GPS Line Ruler Area Ruler About

Mapbender3

Print Client

Template: A4 Landscape official

Quality: Document (288dpi)

Scale: 1:5000

Rotation: 45

Title:

Print Cancel

The image shows a web browser window displaying the Mapbender3 application. The browser's address bar shows the URL 'sandbox.mapbender3.org/application/mapbender_user'. The application interface includes a top navigation bar with icons for 'Layertree', 'Feature Info', 'Print', 'Legend', 'WMS Loader', 'GPS', 'Line Ruler', 'Area Ruler', and 'About'. A 'Mapbender3' logo is visible in the top left. The main area is a map of the Rheinaue region, featuring a large black polygon overlay. A 'Print Client' dialog is open on the left side of the map, with fields for 'Template' (A4 Landscape official), 'Quality' (Document (288dpi)), 'Scale' (1:5000), 'Rotation' (45), and 'Title'. 'Print' and 'Cancel' buttons are at the bottom of the dialog. A scale bar for 200 meters is in the bottom left. The bottom status bar shows 'ETRS89 / UTM zone 32N' and '7500', along with the copyright notice '© OpenStreetMap contributors'. An inset map in the bottom right shows the current map's location within a larger regional context.



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.stadtplan.troisdorf.de/nutzungsbedingungen.html.



Erzeugen Sie Ihre eigene Anwendung

Applications x


demo.mapbender3.org

Login

Mapbender3 v. 3.0.5.0


Applications

Filter application:




Mapbender Demo Map mapbender_user

Fullscreen style, Simple map showing WMS use.



Mapbender Demo Map basic mapbender_user_bask

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



Mapbender mobile mapbender_mobile

Mapbender mobile Application



Anmeldung

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

The screenshot shows a login form with the following elements:

- Title: *Login*
- Username field: A text input box with a vertical cursor.
- Password field: A text input box.
- Links: [Register](#) and [Forgot password?](#)
- Button: A green button labeled **Login**.

Applications x

demo.mapbender3.org/manager/applications


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


Applications

Filter application:




Mapbender Demo Map mapbender_user

Fullscreen style, Simple map showing WMS use.



Mapbender Demo Map basic mapbender_user_bask

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



Mapbender3

v. 3.0.5.0

New Application

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

Applications x

demo.mapbender3.org/manager/applications

Mapbender3 v. 3.0.5.0

- ▶ 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


demo demo

Mapbender3 demo

demo

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

Logged in as: root



Mapbender3

v. 3.0.5.0

demo

Base data | Layouts | Layersets | CSS | Security

Template: Fullscreen

Toolbar

Title	Type	+
No element added		

Sidepane

Title	Type	+
No element added		

Content

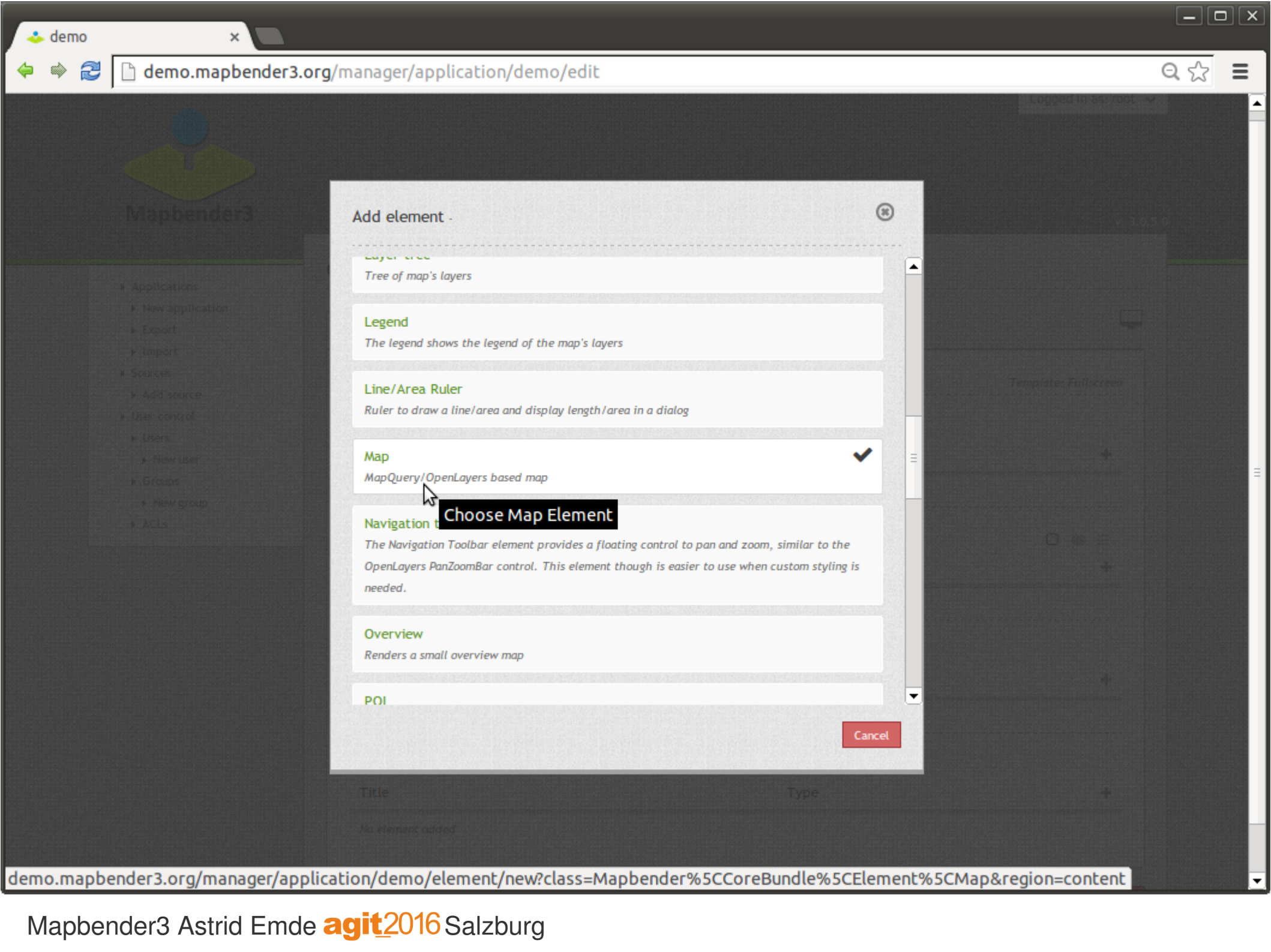
Title	Type	+
No element added		

Footer

Title	Type	+
No element added		

Add a new element

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



- 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 **Choose Map Element**
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

Cancel

Title	Type
No element added	

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 - Map

Title*

Layersets*

DPI*

SRS*

Map units*

Max. extent

min x*	<input type="text" value="0"/>	min y*	<input type="text" value="40"/>
max x*	<input type="text" value="20"/>	max y*	<input type="text" value="60"/>

Start extent

min x*	<input type="text" value="5"/>	min y*	<input type="text" value="45"/>
max x*	<input type="text" value="15"/>	max y*	<input type="text" value="55"/>

Scales (csv)*

Max. resolution*

Title

Type

No element added



- ▶ 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

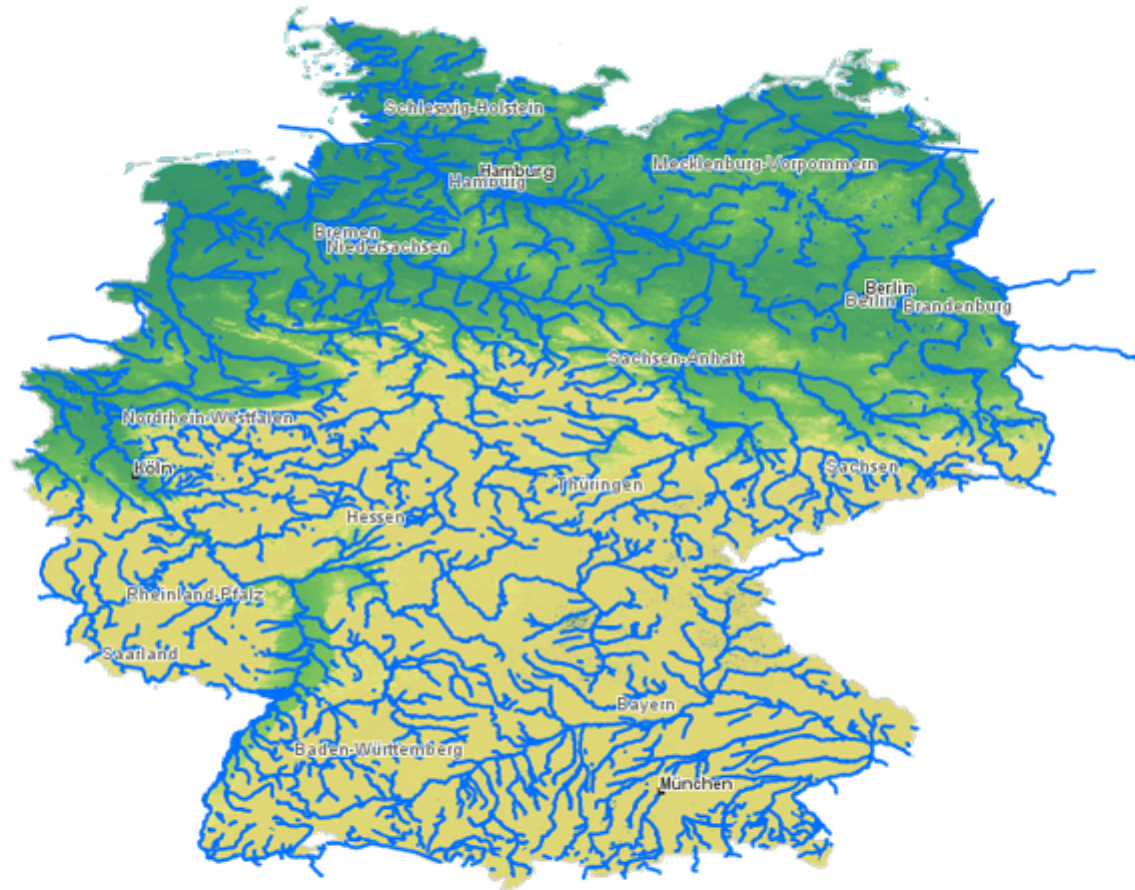
Title	Type	
No element added		

Content

Title	Type	
Map	Map	

Footer

Title	Type	
No element added		





Dienste

**Einmaliges Veröffentlichen
Konfiguration
Zugriffskontrolle**

Browser window: Add source x
demo.mapbender3.org/manager/repository/new

Mapbender3 v. 3.0.5.0

Logged in as: root

Syncing a f...
https://hel...

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

Add source

OGC WMS

only valid

Service URL

Username

Password

Sources x

demo.mapbender3.org/manager/repository
















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

Sources

Filter source

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

Germany



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

WMS Germany

Metadata

Contact

Details

Layers

Back

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

Abstract:

Germany

Online Resource:

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

demo x

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

Logged in as: root



Mapbender3

v. 3.0.5.0

demo

Base data | Layouts | **Layersets** | CSS | Security

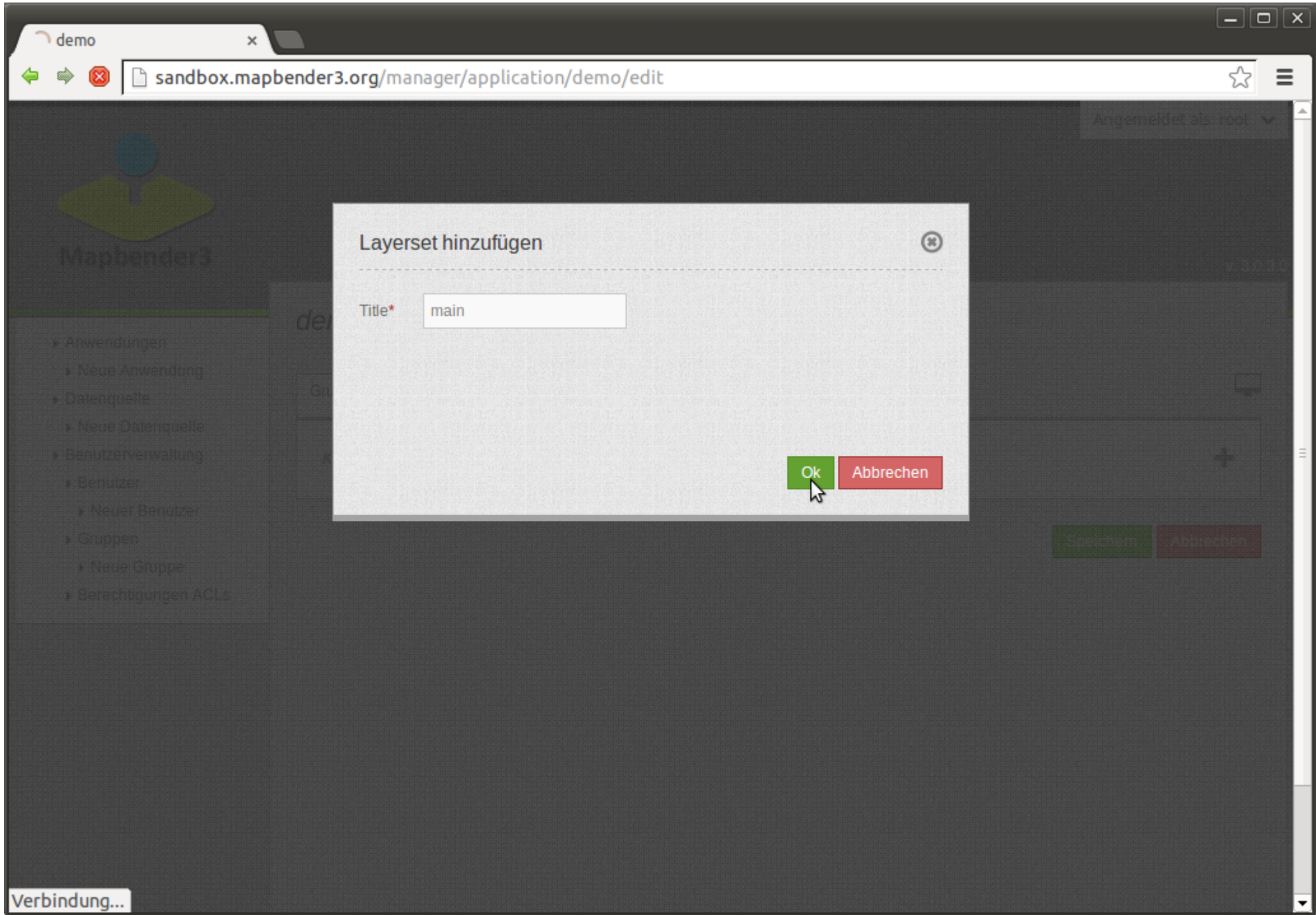
No layer added

+

Save Cancel

demo.mapbender3.org/manager/application/.../new

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



demo x

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

Logged in as root

Select source

Filter source

- WMS ! mapbender_users
- WMS ! osm
- WMS ! osm_overview
- WMS ! osm_2
- WMS ☆ Germany ✓
Germany

Choose Germany

Cancel

demo.mapbender3.org/manager/application/demo/layerset/6/source/6/add

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

WMS instance (6/10) - Germany

Origin URL

Title*

Visible

Vendor specific

Format*

BaseSource

Proxy

Infoformat

Transparency

Tiled

Exceptionformat

Opacity*

Tile buffer


BBOX factor

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

demo x

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

Angemeldet als: root



Mapbender3

v. 3.0.3.0

demo

Grunddaten | Layouts | **Layerset** | Sicherheit

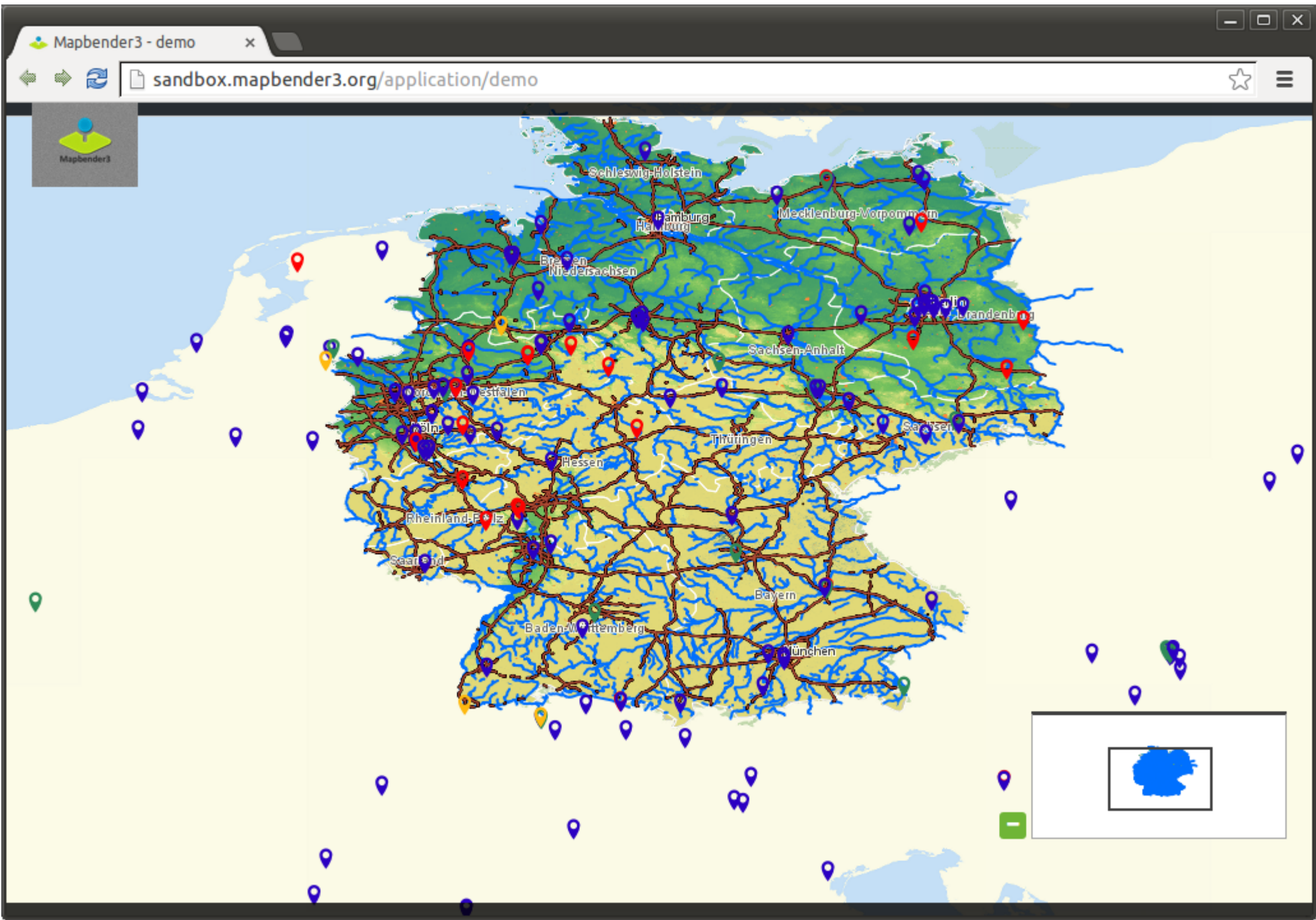
Layerset Filter

main

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

overview

Id	Titel	Typ	+	✎	✕
3	Germany	WMS	👁	✎	✕





Rollen



- 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



- ▶ 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

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

Base data

Users

Name*

Workshop

Description

Workshop Group

Create

Cancel





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

New Group

Base data

Users

Filter

Name 1 users of 2 selected

- root
- Astrid Emde

Create

Cancel



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

demo

- Base data
- Layouts
- Layersets
- CSS
- Security

activated

Filter

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

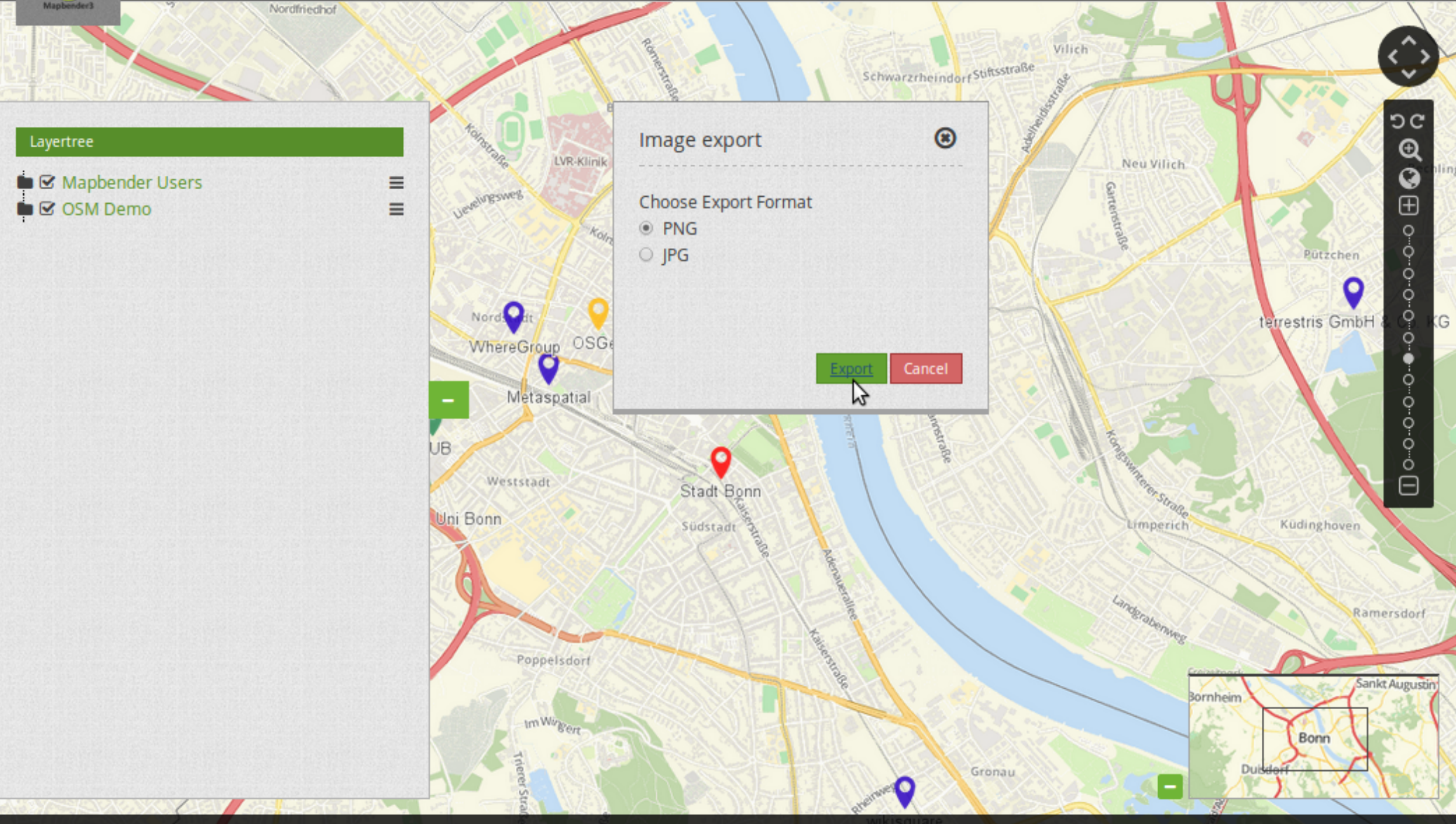


Add users and groups

Save Cancel



Anwendung



Mapbender3 - workshop x

sandbox.mapbender3.org/application/workshop

Feature Info Print Image Export Legend WMS Loader GPS Line Ruler Area Ruler POI

Scale 1 : 25000

Treffpunkt vereinbaren 367013,5621421 @ 1:24999.999999999996

Hey Bonn! You should go to #FOSSGIS2014 in Berlin

Ok Abbrechen

GIUB
Bodenkunde Uni Bonn
Stadt Bonn
wikisquare
terrestris GmbH & Co. KG

1000 m

x: 367030.30 y: 5621368.18 ETRS89 / UTM zone 32N 25000 OpenStreetMap contributors

The image shows a web browser window displaying the Mapbender3 workshop interface. The browser's address bar shows 'sandbox.mapbender3.org/application/workshop'. The interface includes a top toolbar with icons for Feature Info, Print, Image Export, Legend, WMS Loader, GPS, Line Ruler, Area Ruler, and POI. A map of Bonn, Germany, is displayed with several location markers: GIUB (green), Bodenkunde Uni Bonn (green), Stadt Bonn (red), wikisquare (blue), and terrestris GmbH & Co. KG (blue). A popup window is open over the map, containing the text 'Treffpunkt vereinbaren 367013,5621421 @ 1:24999.999999999996' and a text input field with the text 'Hey Bonn! You should go to #FOSSGIS2014 in Berlin'. Below the input field are 'Ok' and 'Abbrechen' buttons. The map includes a scale bar for 1000 meters and a coordinate display at the bottom showing 'x: 367030.30 y: 5621368.18' and 'ETRS89 / UTM zone 32N' with a zoom level of '25000'. An inset map in the bottom right corner shows the current location within a larger regional context.



Bebauungspläne online

L(i)ebenswertes Gütersloh

Informationen zu den B-Plänen | **Bebauungspläne im Verfahren** | Bitte auswählen ... | Flächenmessung | Distanzmessung

Ebenenbaum | Suchen | Legende

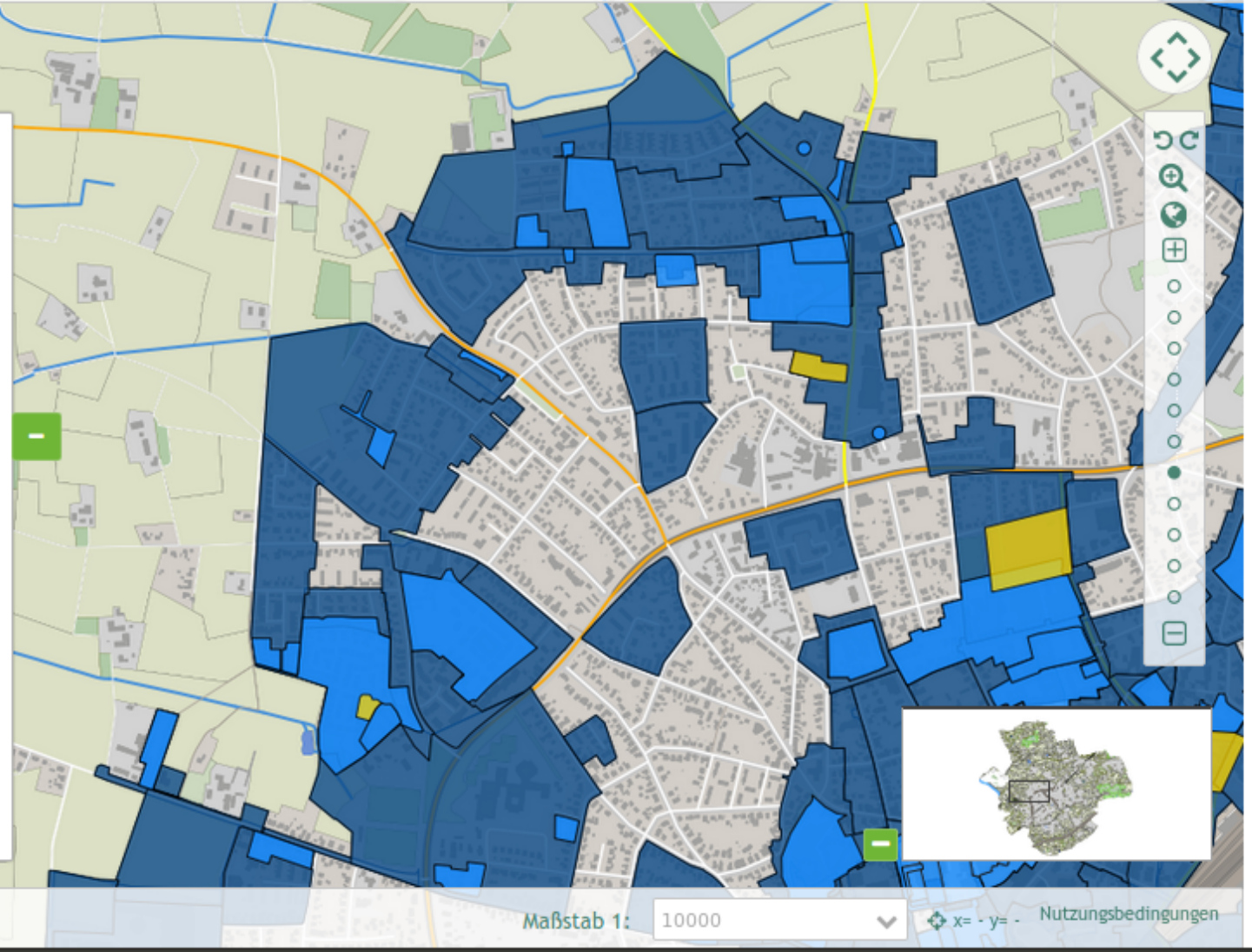
Adresssuche

Strasse*

Au

Hausnummer

Suchen | Zurücksetzen



Maßstab 1: 10000 | x= - y= - Nutzungsbedingungen



Bebauungspläne online

L(i)ebenswertes Gütersloh

Informationen zu den B-Plänen Bauungspläne im Verfahren Bitte auswählen ... Flächenmessung Distanzmessung

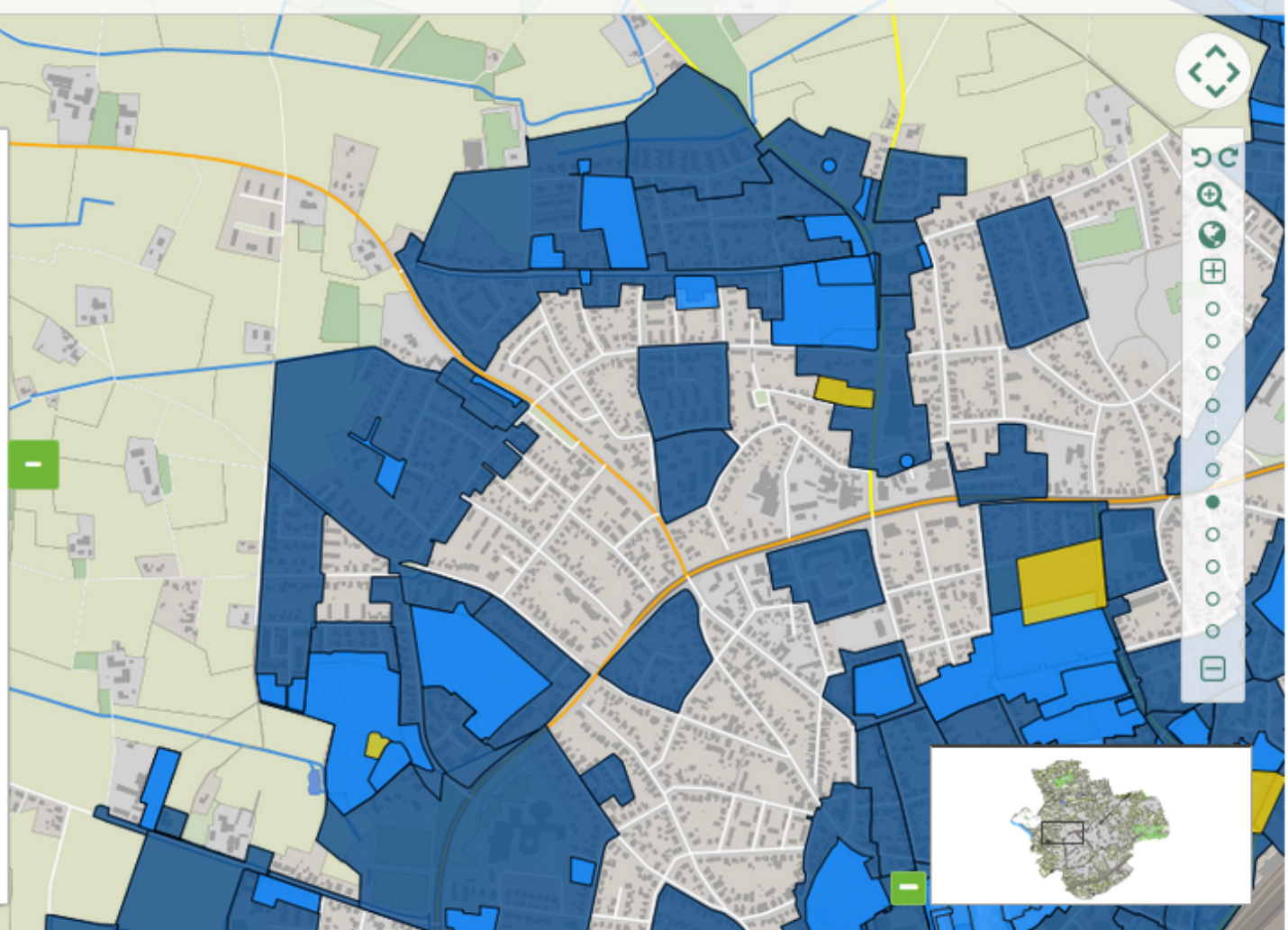
Ebenenbaum Suchen Legende

Adresssuche

Strasse*

- Auf dem
- Auf dem Felde**
- Auf dem Knüll
- Auf dem Siekkamp
- Auf dem Stempel

Suchen Zurücksetzen



Maßstab 1: 10000 x = y = Nutzungsbedingungen



Bebauungspläne online

L(i)ebenswertes Gütersloh

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



Map navigation controls: Home, Refresh, Search, Zoom in, Zoom out, Fullscreen, Layers, Scale, etc.



Maßstab 1: 2500 | x= - y= - Nutzungsbedingungen



Botanischer Garten Bonn

Geoportall

Layer tree

Legend

- Mapbender User
- Mapbender User
 - Company
 - Administration
 - University
 - User
- OpenStreetMap (OSM) Demo
- WhereGroup

Help

Impress





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	Planzeichnung laden
Download der textlichen Festsetzungen als PDF	Textl. Festsetzung laden
Download: Planzeichnung als PDF	Planzeichnung als PDF

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.



1000 m

Scale = 1 : 25K

x = - y = -

ETRS89 / UTM zone 32N



115

Allgemeine Suche

Kartenanzeige

Weitere Geothemen

Geoportals Kreis Lippe



Kartenebenen

Legende

Information

Adresssuche



x = - y = -

ETRS89 / UTM zone 32N



Bebauungspläne online

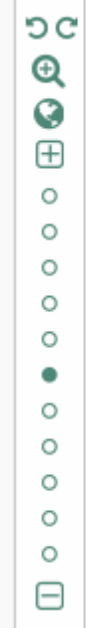
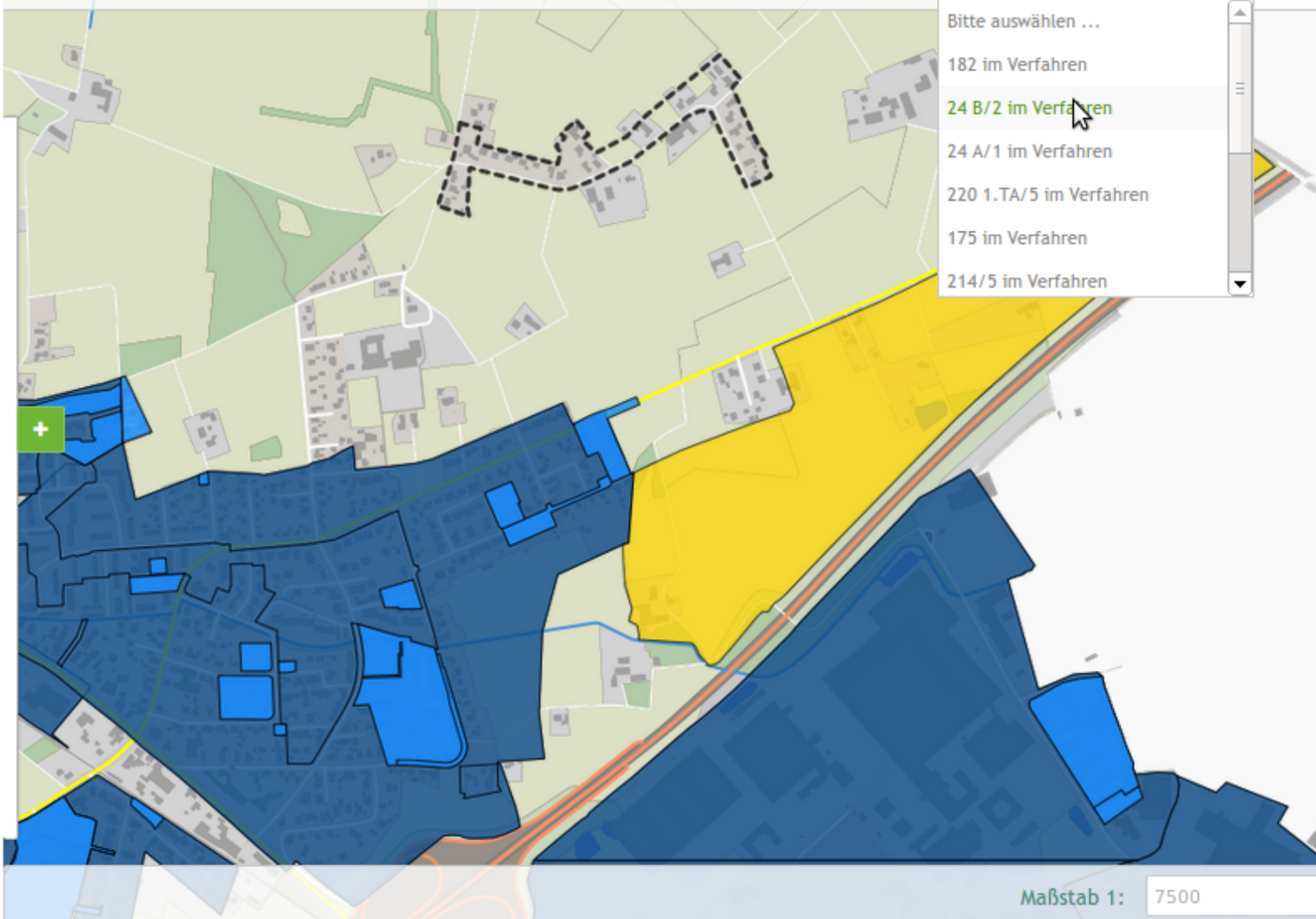
L(i)ebenswertes Gütersloh

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

175 im Verfahren

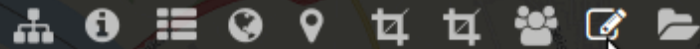
Flächenmessung

Distanzmessung



Maßstab 1: 7500

x= - y= - Nutzungsbedingungen



Please select ...

WMC Editor

Id	Title	Description			
3	Kennedybrücke Bonn	Bonn am Rhein	<input checked="" type="checkbox"/>		
4	Poppelsdorfer Allee Bonn	Bahnhofsnähe, Bonn, Universität	<input checked="" type="checkbox"/>		
5	Botanischer Garten Bonn	Bonn	<input checked="" type="checkbox"/>		
6	Demo	Demo	<input type="checkbox"/>		

Cancel



25000 x: - y: -



Please select ...

WMC Editor - Edit

Publish

Title*

Abstract

Keywords

Descriptionurl*

Format

Href

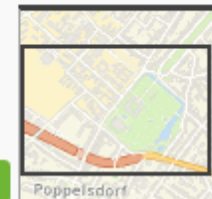
Back

Submit

Cancel



100 m



2500

x: - y: -

Mapbender3 - Geoportal x
release.mapbender3.org/application/Geoportal

Mapbender3

WMC laden

+	Id	Title	Description	
	3	Kennedybrücke Bonn	Bonn am Rhein	
	4	Poppelsdorfer Allee Bonn	Bahnhofsnahe, 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 Lehrgewächshaus
50 m
Botanischer Garten
Kranichbecken
Poppelsdorf

1000 x: - y: -



Luftbilder

Verkehr

Planen und Bauen

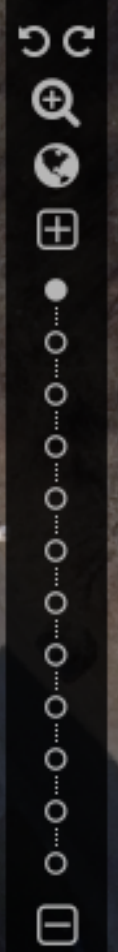
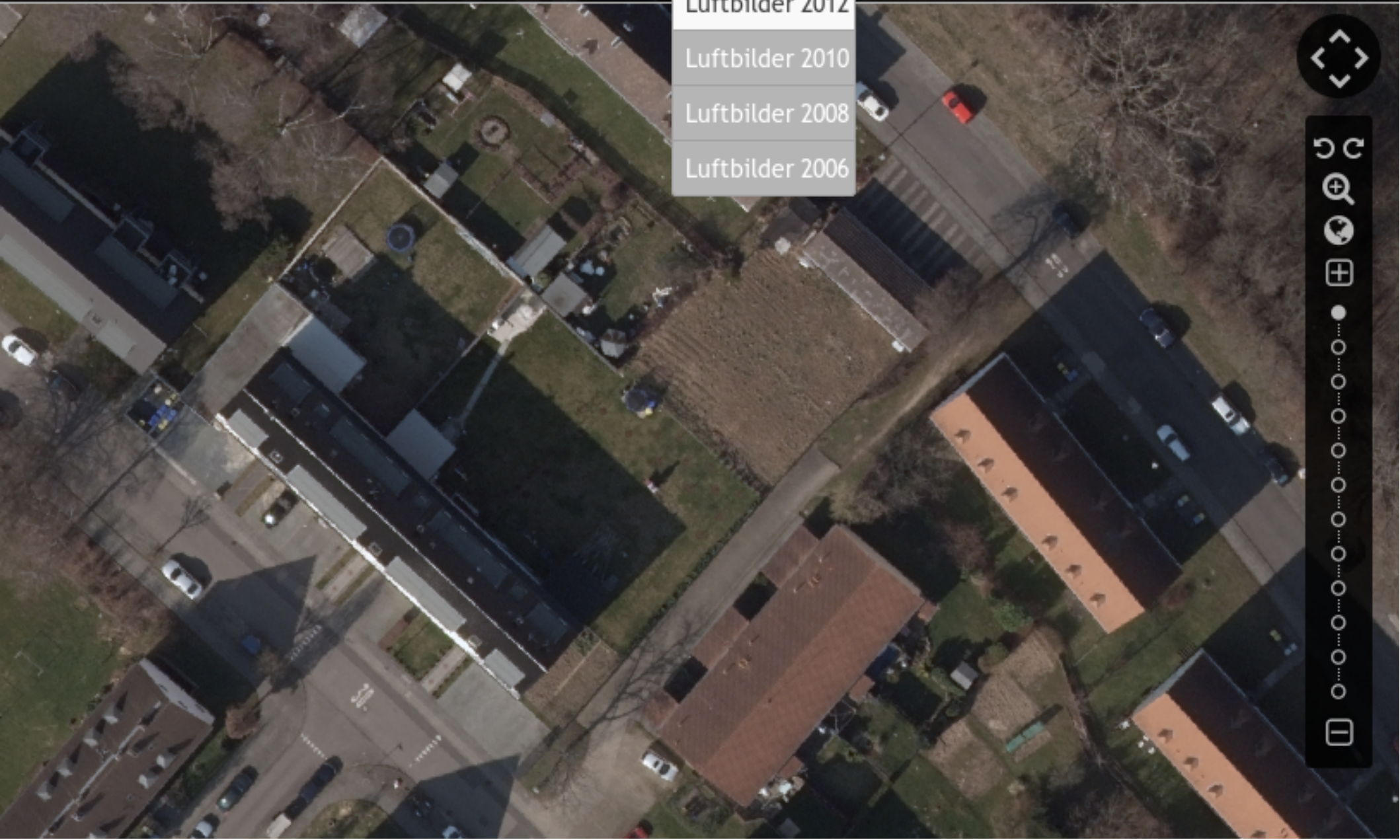
kein Hintergrund

Luftbilder 2012

Luftbilder 2010

Luftbilder 2008

Luftbilder 2006





Botanischer Garten Bonn

Geoportal

Layer tree
Legend

Mapbender User

Mapbender User

Company

Administration

University

User

OpenStreetMap (OSM)

WhereGroup

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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



OpenStreetMap (OSM) Demo... x

Add element - HTML

Title:

Content:

```
1 <img src='http://mapbender3.org/sites'
```

Classes:

Back Ok Cancel



Mobile Lösung





Digitizer

Point Digitizing



current extent

Nr.	Name	
9	Mapbender39	
12	Mapbender312	
13	Mapbender313	
14	Mapbender314	
15	Mapbender315	
17	Mapbender317	
18	Mapbender318	
19	Mapbender319	
20	Mapbender320	
21	Mapbender321	

1 bis 10 von 100

POI Test Suite

Type: B

Name: new Point

favorite Date: 1921-05-07

Firstname: Michael Lastname: Mustermann E-Mail: m.mustermann@demo.com

Speichern

5000


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WGS 84

x: - y: -

Gallery | Mapbender3 x

mapbender3.org/en/gallery




Mapbender3


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[Geoportal Kreis Ostprignitz-Ruppin](#)



[Geoportal Stadt Frankfurt](#)



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Frankfurt Baumkataster

Geoportal Frankfurt Mapt x

https://geoportal.frankfurt.de/mapbender3/app.php/application/baumkataster

GeoPortal Frankfurt

Informationen zum Baum Linie messen Fläche messen Suchen

Maßstab = 1 : 750

Suchen

Straßensuche

Strname* Hauptwache

Hausnummer

Name	Hausnummer
Alte Hauptwache	
An der Hauptwache	
An der Hauptwache 1	
An der Hauptwache 2	
An der Hauptwache 3	
An der Hauptwache 5	
An der Hauptwache 7	
An der Hauptwache 10	

Suchen Zurücksetzen Schließen

Legend:

- Baumkataster
- Luftbilder 25.4.13
- Stadtkarten (farbig)
- 1:10.000
- 1:20.000
- 1:50.000
- 1:100.000
- Stadtkarten (grau)
- 1:10.000
- 1:20.000
- 1:50.000
- 1:100.000
- Stadtgrundkarte
- SGK grau

Map: An der Hauptwache

Map: x = - y = - 750

Map: Karten: Stadtvermessungsamt



Meldemax

Meldemax: Aufnahme vor x

wheregroup.meldemax.com/application/user

Meldemax

OpenStreetMap Berlin DOP 2014

Adresssuche

Neue Meldung

Idee Problem

Hier können Sie eine Idee aufnehmen

Legende

Hilfe

wheregroup.meldemax.com/application/user#

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Geoportal Ostprignitz-Ruppin

Geoportal

https://www.o-p-r.info/mb3-opr/app.php/application/geoportal?srs=EPSG:25833&bbox=292488.66363976,5831535.5688341,393511.33636024,5918

Landkreis OPR

Info WMS Laden Fläche Entfernung Drucken

Themenbaum Legende Suche

Flurstücke Zurücksetzen

Ergebnisse: 233405

zurück vor Seite 1/11671

- (12) 3549-007-00001/0001 (Märkisch Linden)
- (12) 3073-002-00001/0001 (Wusterhausen/Dosse)
- (12) 3532-004-00001/0001 (Märkisch Linden)
- (12) 3549-001-00001/0001 (Märkisch Linden)
- (12) 4735-015-00001/0001 (Wittstock/Dosse)
- (12) 8521-004-00001/0001 (Vielitzsee)
- (12) 4735-007-00001/0001 (Wittstock/Dosse)
- (12) 3549-002-00001/0001 (Märkisch Linden)

(c) Copyright GeoBasis-DE/LGB 2014 Maßstab 1: 250000 ETRS89 / UTM zone 33N Koordinatenanzeige x= - y= -

Investition in Ihre Zukunft! EUROPÄISCHE UNION Europäischer Fonds für Regionale Entwicklung www.efre.brandenburg.de



Stadtplan Troisdorf

Stadt Troisdorf | Geoport: x

stadtplan.troisdorf.de

STADT TROISDORF
Eine Familien-Angelegenheit

Stadt Troisdorf | Stadtplandienst | Hilfe | Nutzungsbedingungen | Impressum

- 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



Mapbender3

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- Los geht's
- Dokumentation
- Community
- Galerie

Route

Höhenprofil

Meter ü. NN

300
200
100
0

45 km 90 km 135 km 178.2 km

Radroutenplaner Rheinland-Pfalz: Migration von Version Mapbender2 nach Mapbender3.

Cycle route planner for Rheinland-Palatinate: Migration of Mapbender Version 2 to Mapbender Version 3.

<http://www.radwanderland.de/>

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](#)



Open HUB **\$33.8M Cost**


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Welcome to Mapbender3' x

doc.mapbender3.org/en/index.html

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



Welcome to Mapbender3's documentation!

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 - [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](#)

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Quick search

Enter search terms or a module class



Tutorial und Workshop Bundle

- How to create your own template

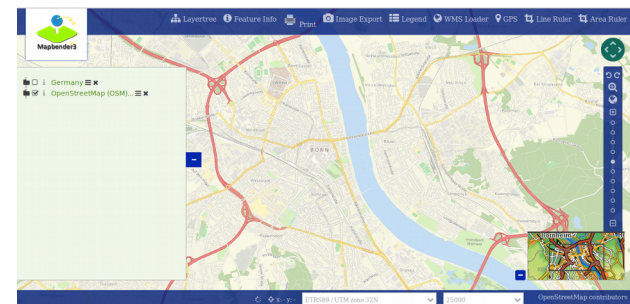
<http://doc.mapbender3.org/en/book/templates.html>

- How to create your own element

http://doc.mapbender3.org/en/book/development/element_generate.html

- Workshop Bundle

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

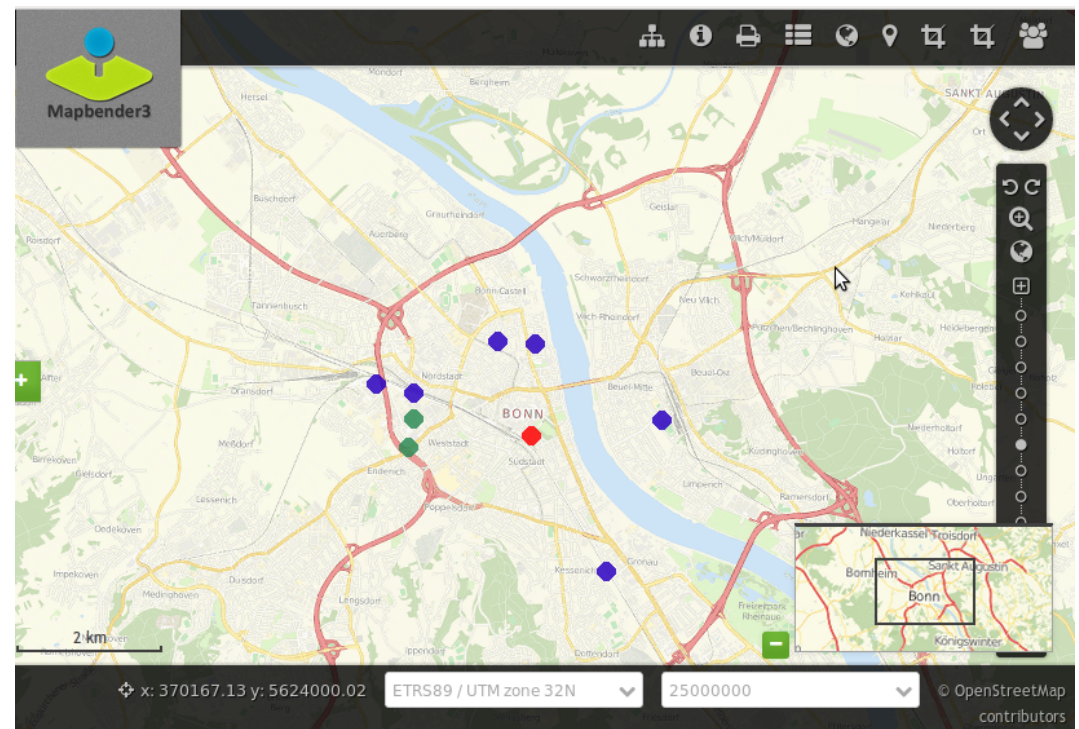




Mapbender3 Demo

Testen Sie Mapbender3

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





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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mapbender-users@list.osgeo.org

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