



STATE OF THE MAP

Mapping the world ❤ together



OpenStreetMap

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Program

Join us for three days packed with talks, workshops, hacking, mapping parties and meetings all around OpenStreetMap.

Here is the outline of the events in Brussels:



Thursday, September 22

HOT Summit at the BTC Conference Center and FOSS4G Belgium at Brussels Environment and Energy Agency, followed by a Missing Maps evening mapathon.

Friday, September 23

Join us for day one of State of the Map.

Saturday, September 24

We move to day two of State of the Map. In the evening join us at Brussels Event Brewery for free food and drink.

- Where: Brussels Event Brewery SILO room
Rue Delaunostraat 58 B/1 | B-1080
- When: From 6:30 pm

Sunday, September 25

The third and final day of State of the Map will focus on workshops and sharing knowledge. Together we'll discover the next great thing in mapping and hacking.

Monday, September 26

Stay on after State of the Map for a dedicated hack day courtesy of the local OpenStreetMap and OSGeo communities and host venue, the BEL Conference Center.

Friday

	Building Q - Auditorium A	Building Q - Auditorium C	
8:00	Registration / Coffee / Tea <i>Mandela</i>		
9:00	Opening Session <i>Building Q - Auditorium A</i>		
9:30	Keynote Ambassador Allan Mustard <i>Building Q - Auditorium A</i>		
10:00	OpenStreetMap Analytics Cristiano Giovando, Humanitarian OpenStreetMap Team	OpenSolarMap: Crowdsourcing and machine learning to classify roofs Michel Blancard, Etalab	Building D - Room 1 + 2
10:30	Nicaragua's new crowd-sourced bus map: Lessons learnt Eduardo Augusto Mayorga, Felix Delattre, MapaNica	A love-letter to OSM: Greetings from Brussels Pieter Brusselman, Trage Wegen vzw	
11:00 Coffee / Tea			
11:30	Energise your community with focused projects Brian Prangle, Mappa Mercia	OSM goes indoors: Why SNCF Transilien mapped 388 train stations with OpenStreetMap Cynthia Gutton, SNCF Transilien	
12:00	Investing in OSM communities to build resilience Vivien Deparday, World Bank - Global Facility for Disaster Reduction and Recovery	OSM goes indoors: Usages, tools and prospects Antoine Riche, Adrien Pavie, Carto'Cité	Birds of a feather
12:30	Vector tiles from OpenStreetMap Lukas Martinelli	Open imagery matters: Remote mapping with OpenAerialMap Daniel da Silva, Development Seed	Birds of a feather
13:00 Lunch			
13:50 Group photo			

Friday

	Building Q - Auditorium A	Building Q - Auditorium C	
	A map of OpenStreetMap Mikel Maron, OpenStreetMap Foundation	State of OSRM Johan Uhle, Mapbox	
	WeeklyOSM: Why, how, what, where and where we go Manfred Reiter, Laura Barroso, weeklyOSM	Converting a regular carto project to vector tiles: OSM-carto case study Rory McCann, Geofabrik	
	Is she a part of your community? Srravya C, Free Software Foundation Tamil Nadu	SQL all the things: Exposing OSM data services to PostgreSQL users Jorge Sanz, CARTO	
	15:40 Coffee / Tea		
	Lightning talks Multiple speakers	Gardening OSM data with Overpass API Roland Olbricht	
	Lightning talks Multiple speakers	Tiles under heavy artillery: Serving one billion maps per month Loic Ortola, Jawg	
	State of the licence Simon Poole, OSMF	A stroll through the hidden corners of Taginfo Jochen Topf	
	17:40 End		

14:10

14:40

15:00

16:10

16:40

17:10

Saturday

	Building Q - Auditorium A	Building Q - Auditorium C	
8:30	Registration / Coffee / Tea <i>Mandela</i>		
9:30	Trending Places on OpenStreetMap Stefan Keller, Geometa Lab at HSR, Univ. of Applied Sciences Rapperswil	The world we want: OpenStreetMap and the sustainable development goals Tyler Radford, Humanitarian OpenStreetMap Team	Building D - Room 1 + 2
10:00	Using big data to help us improve the map Beata Jancso, Telenav	Building large-scale crowdsourcing communities with the Humanitarian OpenStreetMap Team Martin Dittus, ICRI Cities, UCL	
10:30	Tracking OpenStreetMap changes: Merging changeset and metadata together for improved change tracking Beata Jancso, Telenav	State of West Africa Mohamet Lamine N'Diaye, Dibloni Innocent Soungalo, OpenStreetMap Senegal & Association OpenStreetMap Burkina Faso	
	11:00 Coffee / Tea		
11:30	Camp-mapping in Greece Henk Hoff, Red Cross (international)	MapContrib: Thematic OpenStreetMap contribution Guillaume Amat	
12:00	OpenSchoolsKenya Zacharia Muindi, Map Kibera Trust	The minimalist OSM Building Editor Jan Marsch, OSM Buildings	Birds of a feather
12:30	Mapping Ireland's 61,000 administrative boundaries Rory McCann, OpenStreetMap Ireland	Portable OSM: Into the disconnected wilds Emily Eros, American Red Cross	Birds of a feather
	13:00 Lunch		

Saturday

	Building Q - Auditorium A	Building Q - Auditorium C	
	Watching for vandalism Sajjad Anwar, Mapbox	TeachOSM: Harnessing the power of OpenStreetMap for geography education Maggie Cawley, Boomerang Geospatial	14:00
	Trace from Space: International version Kevin Bullock, DigitalGlobe	Map it forward: Incorporating OSM into the universities curriculum Vasanthi Haryono, Humanitarian OpenStreetMap Team (Indonesia)	14:30
	OpenStreetMap US: The real McCoy Drishtie Patel, Alyssa Wright, Ian Dees, Alex Barth, Martijn van Exel, OpenStreetMap US	OpenStreetMap for educational purposes Louis-Julien de la Bouëre, Tiriad	15:00
	15:30 Coffee / Tea		
	Empowering women through OpenStreetMap in Mali Astou Nathalie Sidibe, OpenStreetMap Mali	What, where... when! Let's add another dimension with OpenEventDatabase Christian Quest, OpenStreetMap France	16:00
	Building a digital humanitarian society in Pakistan: A perspective Usman Latif, DigitalHumanitarians.pk	OSM for traffic simulation Michael Zilske, Technische Universität Berlin	16:30
	Comparing OSM data and Brussels local government data Marc Ducobu, Champs-Libres	Railways at OpenStreetMap Michael Reichert, OpenRailwayMap	17:00
	6:30 Join us at Brussels Event Brewery for free food and drink		

Sunday

9:00	Coffee / Tea <i>Mandela</i>		
10:00	Auditorium A OpenStreetMap Awards & State of the Local Map Ilya Zverev, OpenStreetMap Foundation	Auditorium C OpenStreetView for mappers Alex Ilisei, Martijn van Exel, Telenav	Foyer + Building D room 3 Birds of a feather
	Mandela Free/libre and open space	Building D room 1 Learn to map: Making mapping fun Miriam Gonzalez, OpenStreetMap Mexico & Telenav	Building D room 2 Rendering your own maps workshop Paul Norman
11:15 Break			
11:45	Auditorium A Staying on the right side: Best practices in editing Simon Poole, Frederik Ramm, Ethan Nelson, OpenStreetMap Foundation	Auditorium C Learn to create your own challenges in MapRoulette using Overpass Martijn van Exel, MapRoulette	Foyer + Building D room 3 Birds of a feather
	Mandela Free/libre and open space	Building D room 1 Improving the canvas for participatory mapping in Tanzania Improving the canvas for participatory mapping in Tanzania	Building D room 2 Area workshop Jochen Topf
13:00 Lunch			

Sunday

Auditorium A Station Indoor routing and mapping in practice with OpenStationMap Roland Olbricht, Roland Wagner, MENTZ GmbH and Akaparis GmbH	Auditorium C The state of public transport routing Pieter Colpaert, Open Knowledge International	Foyer Local Chapters congress
Mandela Free/libre and open space	Building D room 1 Mastering uMap Yohan Boniface	Building D room 2 + 3 Birds of a feather
15:15 Break		
Auditorium A Making OpenStreetMap navigation ready Ramya Ragupathy, Mapbox	Auditorium C Create your own tile server with TileStache Thomas Gratier, Ouvre-Boîte 44 - WebGeoDataVore	Foyer + Building D room 3 Birds of a feather
Mandela Free/libre and open space	Building D room 1 Osmose-QA: Fix issues and understand the tool Frédéric Rodrigo	Building D room 2 weeklyOSM in my language for my community Manfred A. Reiter, weeklyOSM
17:00 Closing session Auditorium A		
17:30 End		

Lightning talks

Wikipedia Maps

by Yuri Astrakhan

Mapping to end FGM: Crowd2Map Tanzania

by Janet Chapman

Progress Visualisation

by Derick Rethans

State of OpenStreetMap India

by Pratik Yadav

Using the ImproveOSM JOSM plugin

by Beata Jancso

OSM Hall Monitor: Tracking objects, tags, and users

by Ethan Nelson

Mind your language: State of language maps

by Srravya C

Code of Conduct

The OpenStreetMap Foundation is dedicated to providing a harassment-free conference experience for everyone, regardless of gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age or religion. We do not tolerate harassment of conference participants in any form. Sexual language and imagery is not appropriate for any conference venue, including talks.

Conference participants violating these rules may be sanctioned or expelled from the conference without a refund at the discretion of the conference organizers.

Our anti-harassment policy can be found at

2016.stateofthemap.org/codeofconduct/

Welcome scholars

The OpenStreetMap Foundation is delighted to be able to provide scholarships to a number of recipients from Europe, the Americas, Africa and Asia. This year we have also teamed up with the Humanitarian OpenStreetMap Team (HOT) who invited our scholars to HOT Summit 2016. We proudly welcome to State of the Map: our scholars, HOT scholars and 17 African first-year GIS students at Université Libre de Bruxelles.

OSMF Scholars

Laura Barroso Pérez
Maggie Cawley
Srravya Chandhiramowuli
Innocent Soungalo Dibloni
Usman Latif
Eduardo Augusto Mayorga Tellez
Mohamet Lamine N'Diaye
Nathalie Sidibe
Zacharia Muindi Wambua
Darya Golovko
Julia Conzon
Adrien Pavie
Rodrigo Rodríguez Borge
Michal Bodnár
Helen Sherwood-Taylor

HOT Summit Scholars

Innocent Maholi
Humberto Yances
Gertrude Namitala
Felix Delattre
Miriam Gonzalez Sanchez
Janet Chapman

Emergency numbers

Emergency number in Europe

Fire brigade, ambulance and police: 112

Helplines in Belgium

- Pharmacists (on duty):
0903 99 000 (EUR 1.50/min) | www.pharmacie.be
- Doctors (on duty):
Brussels: 02 479 1818 | Rest of Belgium: 100
- Dentists (on duty):
Brussels: 02 426 1026 | Rest of Belgium 100

CHS: English-speaking Community Help Service in Brussels

A volunteer counselling service set up for internationals (adults and children) to discuss emotional problems or offer advice.

- CHS Help Line:
02 648 4014 | www.chsbelgium.org

Transport

STIB-MIVB run buses, trams and the metro service across Brussels. It is recommended that you buy your tickets at the GO vending machines before boarding (essential to travel by metro), as buying tickets after boarding will cost you more. A reduced night service is available on Friday and Saturday until 3am.

See www.stib-mivb.be

A cycle hire scheme is provided by Villo. Membership fees are €1.60/day or €7.90 per week, and allow you to borrow a bike as frequently as you wish. On top of membership fees, usage fees vary, but the first 30 minutes are free.

See www.villo.be

There are many taxi stands or you can wave an available taxi if away from a stand. Should you need to pre-arrange a taxi Taxis Verts (green) can be reached on +32 2 349 4949.

See www.taxisverts.be

Thank you

State of the Map would not be possible without the wonderful support of the OpenStreetMap community. It feels like a long time since we all got together in Buenos Aires in 2014 and the path to Brussels has felt challenging at times. The generosity of the following people have kept us on track with each contribution, however small, moving us closer to our goal. The fact that there are an amazing 34 people on the list makes me incredibly proud. Thank you.

I would also particularly like to thank Alyssa, Ben, Benoît, Christine, Gregory, Joost and Mikel. Not only have you put up with me week in, week out for the last year but you've done so in such a way which boosts my spirits every time we meet. Enjoy State of the Map – you certainly deserve it!

Rob Nickerson

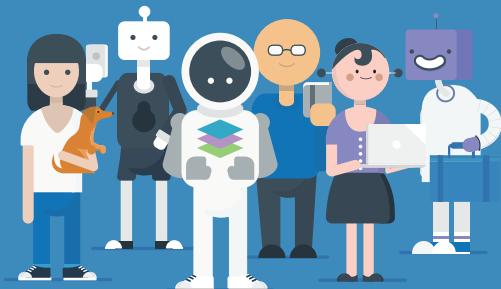
Special thanks to

- Alyssa Wright (core team & all round star)
- Alex Barth (communications and venue selection)
- Alexandre Jaillon (print material)
- Ben Abelshausen (core team & all round star)
- Benoît Fournier (core team & all round star)
- Bryan Housel (online SotM banners)
- Christine Karch (core team & all round star)
- Frederik Ramm (day-to-day treasurer tasks)
- Gregory Marler (core team & all round star)
- Harry Wood (communications support)
- Henk Hoff (ticket system, initial setup)
- Ilya Zverev (scholarships, OSM awards)
- Jessi Mann (scholarships)
- Joost Schouuppe (core team & all round star)
- Jorieke Vyncke (scholarships, local support)
- Julien Fastré (initial Brussels bid)
- Luke Walsh (scholarship planning)
- Marc Ducobu (local team, OSGeo links)
- Mark Van den Borre (video crew)
- Martijn van Exel (helped scoring, program committee)
- Mikel Maron (core team & all round star)
- Natalie Pitcher (scholarships, local support)
- Nick Johnston (fixed program typos)
- Paul Norman (helped scoring, program committee)
- Pieter-Jan Pauwels (local team, OSGeo links)
- Randy Meech (2015 support, initial selection of Brussels)
- Richard Weait (2015 support, initial selection of Brussels)
- Rob Nickerson (team lead & all round star)
- Serge Wroclawski (2015 support, initial selection of Brussels)
- Tatiana Van Campenhout (website and all things design)
- Tom Hughes (website domain set up, online banners)
- Tyler Radford (HOT Summit scholarship agreement)
- Vasil Kolev (video crew)
- Veronica Semeco (logo design)
- Yantisa Akhadi (helped scoring, program committee)

Thank you also to our conference volunteers. They are here to assist you and ensure the smooth running of State of the Map.

A big
thanks
to our
sponsors

Mapbox



www.mapbox.com/jobs

Visit the Telenav booth to receive a special gift when you download the OpenStreetView app.

Join our presentations:

Using Big Data to Help Us Improve the Map

Beata Jancso, Saturday at 9:30

OpenStreetView for Mappers

Alex Ilisei & Martijn van Exel, Sunday at 10:00

Be sure to stop by the Telenav booth and enter our raffle. Raffle winners will be announced at the following times:

- Saturday at 11:00 and 15:30
- Sunday at 11:15 and 15:15

Follow us  @OpenStreetView

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Open source tools that help you display, search, and navigate your world.





Maps, Map Data & Navigation Solutions

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navmii.com

Open Transport Map = INSPIRE compatible and routable OpenStreetMap

developed within the OpenTransportNet project



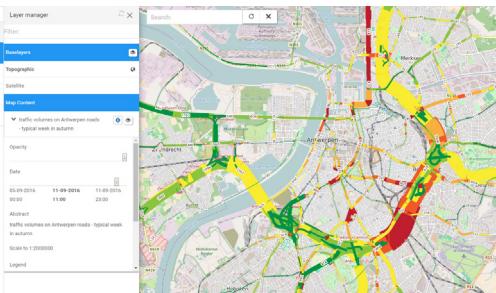
What is it?

The Open Transport Map displays a road network which

- is suitable for routing --
- visualizes time related Traffic Volumes (in OpenTransportNet Pilot Cities) --

Talking technical, the Open Transport Map

- can serve as a map itself as well as a layer embedded in your map--
- is derived from the most popular open dataset- OpenStreetMap--
- is accessible via both GUI and API--
- covers the whole European Union--



How can I use it?



AS DATA



AS A MAP



AS A SERVICE



www.opentransportmap.info
www.opentransportnet.eu



facebook: [OpenTransportNet](#)

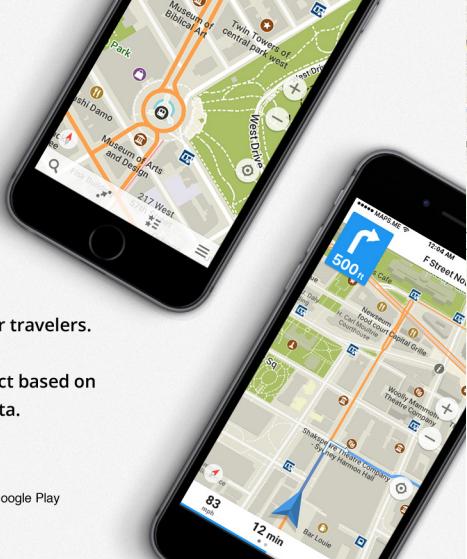


MAPS.ME

The #1 free offline mobile map for travelers.

MAPS.ME is an open source project based on
OpenStreetMap.org open map data.

The app is rated ★★★★☆ in App Store and Google Play
by hundred thousand users.



Did you know Facebook used
OpenStreetMap in a variety of
products including places,
checkins, and the live video map?

facebook

Mapillary

80+ million photos with data available for editing OpenStreetMap.

Together we're growing this number.

Capture photos

Photos & data open for OpenStreetMap

Edit with iD and JOSM

Join us for our State of the Map photo walk Sunday 25, 11:45am, Nelson Mandela room, building Q. On the photo walk you'll have the chance to capture photos with 360 cameras, action cameras and smartphones. We look forward to meet you!

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multi-level • scalable • offline

You reinvent maps

We do the rest

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AND

AND is supporter of OpenStreetMap since 2007

AND provides OpenStreetMap for Professional Use solutions such as tile-hosting, geocoding and LBS development services.

For more info visit www.and.com.

Why we want to thank the OpenStreetMap community...

At full stretch with the intervention, so no time to report all the ways mappers' data has contributed to operations! Please just pass on my thanks and that of the MSF team!

Jean-Guy, field GIS officer, DRCongo (yellow fever outbreak)

This is very very very helpful - exactly what we needed. I can orientate the team now to the most populated villages. We vaccinated 59 000 kids in 6 days and we're still going.

Angie, vaccination coordinator, DRCongo (measles outbreak)

I have gone through the maps and they are really detailed! We are doing nutrition surveys with local surveyors who haven't used smartphones or GPS technology. This will allow them to locate the randomly generated GPS points corresponding to the houses they need to survey. Please thank the people who have produced the maps!! *Susana, epidemiologist, Chad (malnutrition)*

The mapping of Bukama is very accurate! Last weekend, on a cholera explo on the river, I was able to deliver supplies directly from the boat to each health centre just using OSMAnd.

Cedric, Emergency Response Unit project coordinator, DRCongo (cholera outbreak)

Maps are incredibly important to what we do and we cannot create those maps without the support of people like you. You are not just helping us, you are not just helping our field teams, but you are helping the patients we work with on a daily basis.

Vickie Hawkins, General Director, MSF

You make this possible.



The best maps are powered by the highest quality imagery from an established partner you can trust.

See how unmatched clarity, accuracy, and currency give you the most reliable view of the globe at developer.digitalglobe.com.

CARTO

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More than 6000 trains and 3 millions commuters per day in Paris Metropolitan Area



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Notes:



Union Cit



OpenStreetMap Foundation

The OpenStreetMap Foundation is an international not-for-profit organization supporting, but not controlling, OpenStreetMap. We are dedicated to encouraging the growth, development and distribution of free geospatial data and to providing geospatial data for anyone to use and share.

We need you as member. Members are vital to the OSM Foundation -- to voice ideas and shape the direction of the Foundation, and support the efforts of working groups. We welcome all who support our goals to join us!

Find out more and join at osmfoundation.org







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