2025 Rolling notes



HOT Open Tech & Innovation Working Group 2025

- >> Wiki: Wiki page
- >> Link to join meetings: https://meet.jit.si/HOTOpenTechandInnovationWG
- >> 😌 Link to Slack channel: #geospatial-technology-and-innovation
- >>
 Overview of tools on website: Tools & Data | Humanitarian OpenStreetMap
 Team
- >> Github: Humanitarian OpenStreetMap Team
- >> Tech Newsletter Subscribe here

Tuesday 11 November 2025 - 10:00 and 18:00UTC-

Attendees: 10:00UTC: Petya, Joseph, JK, Daninho Soares, Ken Kambi, Francis, Tebby,

Adrian, Cindy, Thant, Thida, Syahmin, Jeshan, Faiza

Attendees: 18:00UTC: Petya, Joseph, Ken, Dan J, Bryan, Brent, Abdul, Katia, Nazifa,

Wilson, Gertrudes Lisa, Dhivya Manoj

- $\circ\quad \mbox{Your name, where you are joining from and favourite ice cream flavour$
 - i. Adrian UK, Vanilla
 - ii. Ken Kenya, vanilla with blueberry
 - iii. Francis- Ghana, not ice cream, ginger
 - iv. Daninho- Timor Leste (first time joining), vanilla
 - v. Faiza- Bangladesh, hazelnut
 - vi. Tebby- Botswana, anything ice flavour
 - vii. Anuradha Sri Lanka, vanilla
 - viii. Thant Zin Nepal (first time), vanilla and chocolate



- ix. Ralph Aytoun UK, vanilla
- x. Martien, NL
- xi. Syahmin, IDN
- xii. Thida Swe, Myanmar, chocolate
- xiii. Cindy here from Nairobi, Kenya. Fave ice cream Cookies & Cream
- xiv. JK Mauritius, vanilla
- xv. Paula from Kenya... butter cake with choco chips.
- xvi. Jeshan pokharel from Nepal, favorite flavor is chocolate
- xvii. Emanuel Kombe from Dar es Salaam, Tanzania
- xviii. Satish Khamkar from India
- xix. Petya, UK, coconut
- xx. Judith, Kenya, chocolate
- xxi.
- Let us know if it is your first time joining

2. Number 2. Updates

- Check the <u>Tech newsletter</u>
- Bryan pulling data out of Tasking Manager daily changes to set up activations; need to do login authentication in a script - need some help!
 Petya Kangalova to connect with DK
- Humanitarian Al podcast:
 https://soundcloud.com/humanitarian-ai-today/jessie-pechmann if anyone has ideas, message Brent talk with Cisco to extending it on short thematic area

3. **Discussion**

- OSM Wrapped https://osmwrapped.netlify.app/ developed by Ken and Joseph would love to have feedback from the community. The main objective of this platform is to recognize good work done by the OSM contributors across the globe. The contributors will be able to check their contributions for the past year.
 - How do you get selected in the featured list? Currently few users for demonstration - open to suggestions:
 - a. Maybe a filter can be selected.
 - b. Is it a personal featured list or global? If global, it could be **top 10 or by country.**

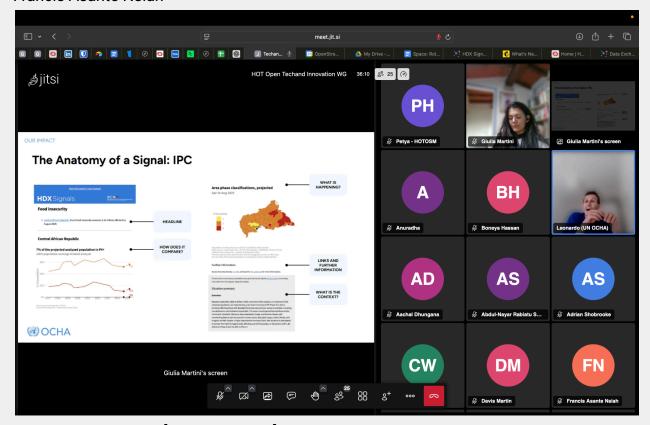


- ii. Ken, were you given access to the OSM API on the contribution analytics
 - OSM API (civapi.com) reached 100, wrote a script + https://www.hdyc.neis-one.org/
- iii. Is this for all OSM or HOTOSM?
 - 1. It is for all OSM
- iv. Is the data only for 2025?
 - 1. Total changes and total changeset is overall, the rest is for 2025.
- v. Suggestion: I really appreciate this work. I believe he can further improve it by adding features to **share it through social media**, which will help encourage members. It would also be beneficial to include additional features such as recently engaged projects, et
- vi. Suggestion: showcase hours mapped
- vii. Suggestion: I feel the feature would be better to include the started year of OSM and conclusion of yearly; it can filter per year of contribution
- viii. Question: was there coordination with Pascal Neis if you're using his calculated data? Answer: yes currently ongoing
- ix. Question: how up to date is the data like the buildings data? or is there a lag as happens with HOT at times?? Answer: overall buildings, not just HOT. https://www.hdyc.neis-one.org/ - updated at 2am
- x. Question: Do buildings stats include buildings that were created or those created and modified? Answer: created only.
- xi. Suggestion: it might be useful to allow users to specify start and end dates
- Field mapping and data collection: Can you walk me through one field mapping project in which you were involved? What is the need/expectation for field coordination for your project?
 - i. Speak to Ramya Ragupathy or Petya Kangalova



Tuesday 14 October 2025 - 10:00 and 18:00UTC-

Attendees 10:00UTC [add your name] Petya, Guilia, Hasna, Rizky, Aachal, Jannie Fleur, Emmanuel Alafaa, Syahmin Sukhairi, Abdul-Nayar Rabiatu , Davis Martin, Anuradha, Francis Asante Nsiah



Attendees 18:00UTC [add your name] Petya, Lisa, Brent, Leonardo, Dusan, Bryan, Joseph, Severin, Ken Kambi, Richard, Satish Khamkar, Shaci

- o Your name, where you are joining from and country you'd like to visit
- Let us know if it is your first time joining

5. **Dpdates**

- Check the <u>September Tech newsletter</u>
- Humanitarian Al podcast: https://soundcloud.com/humanitarian-ai-today/petya-kangalova-humanitarian-openstreetmap(check the latest episode talking about HOT's working group)



6. Presentation & discussion from HDX [30mins]



Spotlight on HDX Signals- Leonardo and Giulia from the Data Science team at OCHA's Centre for Humanitarian Data will lead a short session and demo of HDX Signals, a new insights tool developed by the team.

So, what are HDX Signals? It's a tool which monitors key datasets on HDX and generates automated emails when significant, negative changes are detected, helping humanitarian actors stay informed on emerging crises.

The session will include:

7.

- A brief overview and demo
- A Q&A discussion
 - What is the data pipeline? Impact of crises is higher that anything observed in the past year or last 3 years? https://data.humdata.org/signals#fag.



- How was the selection of datasets made? Listened to the users and those that have wider geographical scope. It also followed extensive user research and tested internally for one year.
- Davis Martin suggestion for new areas to be added, like housing, crime, entrepreneurial landscape. Question - how do you ground truth the data? A: the data comes from reliable sources and we do checks on the data providers. Data quality is a key aspect of HDX - any organization that goes goes through a number of quality and reliability checks (data partnership)
- How much of the data in HDX comes out of https://dhis2.org/? Very limited. The difference is that HDX is fully open. There is also HDX Connect, where you provide link to a data source
- How can you leverage AI? HDX are developing a strategy, want it to be fully guided by user research (which is currently happening). For example, AI tool that is able to extract key information from datasets.
 - Just released a new AI agent on ReliefWeb
- Brent welcome humanitarian organisations to join <u>https://nanda.media.mit.edu/</u>

Sign up and stay informed: https://data.humdata.org/signals

- 8. Discussion
 - What do people think of <u>"vibe coding"</u>? What use cases do you see?

9.

Tuesday 9 September 2025 - 10:00 and 18:00UTC-

Attendees 10:00UTC - [add your name] Emmanuel Alafaa, Martien, Stéphane De Greef, Francis, Syahmin Sukhairi

Attendees 18:00UTC - Noemi

Welcome and ice breaker Name, where you are joining from, what/who recently inspired you?

Presentation and discussion

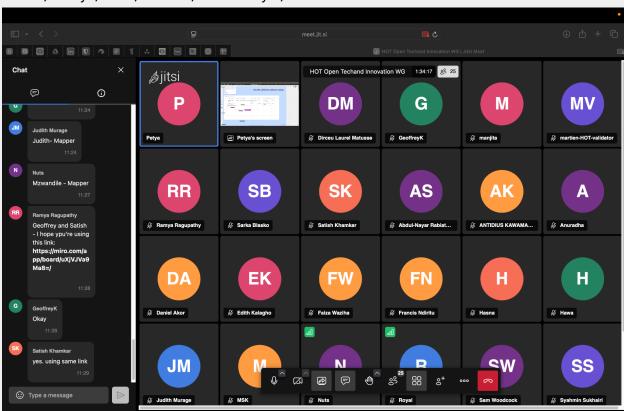
- 10:00 11:00 UTC Join us in hearing the latest update on <u>fAlr</u> with Omran
- RECORDING: HOTOpenTechandInnovationWG_2025-09-09T10_07_18.813Z.webm



- 18:00- 19:00 UTC - Learn more about <u>uMap</u> -Data that speaks: narratives and geospatial collaboration with uMap - Emi

Tuesday 12 August- 10:00 and 18:00UTC-

Attendees 10:00UTC - Petya, Francis Ndiritu, Maclean, Aderaw, Syahmin Sukhairi, Manjita, Sarka Blasko, Ramya, Edith, Martien, Abdul- Nayar, Thida



Attendees 18:00UTC - Petya, Dusan, Mai Julia, Sadiksha, Emi, Lisa, Tebby, Severin,



Welcome and ice breaker Name, where you are joining from, favourite fruit?

Updates and shoutout [please add below]

- For TECH updates read the <u>latest newsletter</u> is there anything you'd like to share in the next edition? Make sure to subscribe to our newsletters for latest updates
- Join the HOT Mentorship Program and gain skills, mentorship, and opportunities to create local and global impact! Apply by: August 24, 2025 – 12:00 UTC
 - What you'll get:
 - Network with field experts
 - Learn open mapping tools
 - Earn a certificate of completion
 - Collaborate on meaningful projects
 - Focus Areas:
 - 1. Open Geospatial Action for Climate Adaptation
 - 2. Data in Humanitarian Action
 - 3. Open Community Building

• Apply now → http://bit.ly/3J8RWMJ

Discussion- Field Data Collection - Miro Board

- Can you describe a field data collection activity that you're involved in?
 What applications are you using for your field data collection projects?
- What is your role in the field mapping activity?
 - Project manager you set up the project and organise the mappers
 - Mapper you collect data and map
- Have you used QField plug in for QGIS or QField before- what was your experience?
 - Yes/no
- What form creation tools do you use for data collection?
 - XLS forms edit manually
 - ODK webform or manual XLS form (form builder; previously in ODK, no longer exist)
 - Kobo form builder are you using it and what for?

Discussion

- What topics are there for upcoming webinars?
- Tech volunteering: https://www.hotosm.org/volunteer-opportunities/tech-volunteer-opportunities/



Tuesday 10 June 2025 - 10:00 and 18:00UTC-

10:00 UTC - Petya, Martien, Mashiyat, Ralph, Jachym, Anuradha, Syahmin, Zakiul, Fathima, Patrik, Amal,

18:00UTC - Petya, Magdalen, Bryan Sayer, Joseph Kathukya, Francis, Tulu, Maclean Nyasulu

Welcome and ice breaker Name, where you are joining from, what's a country you would like to visit next?

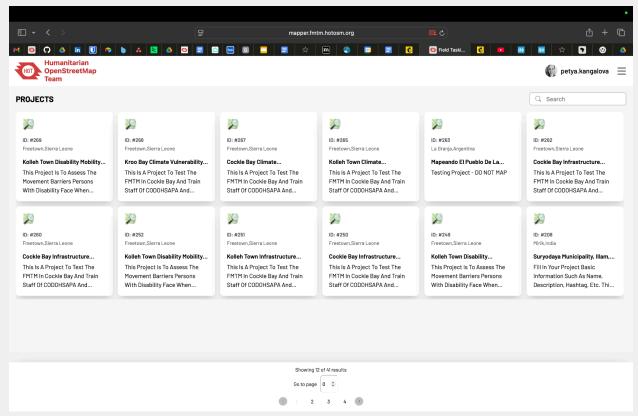
- 1. Petya, based in UK, Dominica or St Lucia
- 2. Martien, based in Netherlands, explore more of the Netherlands
- 3. Jachym, based in the UK, Japan
- 4. Ralph, based in Portsmouth, Iceland
- 5. Mashiyat, based in Bangladesh, Switzerland
- 6. Anuradha, based in Sri Lanka,
- 7. Zakiul, based in Jakarta, Indonesia
- 8. Patrik, based in Prague Czechia, would love to visit any Asia country
- 9. Amal based in Sri Lanka
- 10. Magdalen, based in Canada, visit France
- 11. Bryan Sayer, based in the USA, visit Turkey, southern island of Japan
- 12. Dusan, based in Serbia, visit Sweden
- 13. Joseph, based in Kenya, visit Switzerland
- 14. Maclean Nyasulu, based in Malawi
- 15. Tulu, based in Kenya

Updates and shoutout [please add below]

- All latest tech updates are in HOT's tech newsletter <u>May edition</u> is there anything you'd like to share in the next edition?
- We held 2x webinars/ community sessions
 - Field Tasking Manager (28 May) see <u>Webinar recording</u> and mini demo tutorials for the 3 workflows we talked about: <u>Organisation creation</u>, <u>Project</u> <u>Creation</u> and <u>Mapping</u>

Unable to move to second page: Safari, Firefox (when logged in worked for Ralph),





Community session: Al tagging for Chatmap geolocated pictures (5 June) - recording and see what participants shared here
 (https://umap.hotosm.org/en/map/community-session-ai-tagging-for-chatmap-geo-locat_313#3/65.69/2.46)

💡 Discussion [please add suggested topics]

- Ideas for future discussions: Being able to map from 360 camera conversion were there any project at HOT?
 https://mspoweruser.com/microsoft-is-integrating-its-streetside-imagery-into-open-streetmap-id-editor/
- Future sessions on fAIr
- HOT Tasking Manager super mapper update soon will be ready for people to test in the frontend (June/July)
- Update on Bing issue -
- Is HOT collaborating with NASA Lifelines:
 - YouthMappers supper club holds meeting with Nasa Lifeline community https://www.youtube.com/watch?v=sAlnW27BVzo
 - HOT applied for NASA Lifelines Ready for Impact Program but was not successful
- HOT Tasking Manager stats per contributors



 Joseph - TomTom mapathon on the HOT Tasking Manager- focus on Africa waterways/water bodies, buildings and other features; OSM Africa monthly mapathon - June focus on Burundi (https://osmcal.org/event/3802/)

Tuesday 12 May 2025 - 10:00 and 18:00UTC-

10:00 UTC - attendees (add your name)

Petya, Stephane De Greef, Manuel Alafaa, Joseph Kempf, Wilson, Nishon, Faiza, Tulu, Sam Woodcock, Katia, Patrik_B, Magdalen Thot

18:00UTC - Petya, Abdul- Nayar, Dusan, Martien, Gregory, Jeremy

Welcome and ice breaker Name, where you are joining from, do you prefer a beach or mountain holiday?

- Petya, UK, beach
 - Manuel, Nigeria, beach
 - Faiza, Bangladesh, beach (first time joining)
 - Joseph, Bulgaria, mountains
 - Nishon, Nepal, mountains
 - Wilson, Zimbabwe, beach
 - Stephane, Belgium, mountain
 - Tulu, Kenya, beach (first time joining)
 - Magdalen, Canada, beach
 - Abdul, Ghana, beach
 - Martien, Netherlands, mountains
 - Dusan, Serbia, mountain
 - Gregory, UK, both maybe

Jeremy, new York, beach

- Amal Ameen, Srilanka, Beach

Updates and shoutout [please add below]

- All latest tech updates are in HOT's tech newsletter:
 - o See April latest addition
 - Subscribe here
- May is <u>Maintainers Month</u> will you be sharing stories, blogs within the open geospatial community?
- WEBINAR ALERT REGISTER for Field TM latest developments and demo-



17 Wednesday 28 May 13:00 UTC- <u>link to register</u> - feel free to share with your networks!

Discussion [please add suggested topics]

- Faiza OAM has good imagery understand better how to use OAM imagery. You can
 use OAM for FieldTM and Tasking Manager. Interested in setting a Tasking Manager
 project to contact OSM Bangledesh.
- Manuel mapping remote communities in Southern Nigeria did the intro to OSM learnworld story map share with Petya/Raiza once ready
- Stephane- So we have Field TM, we have drones TM, we have AI is there any HOTOSM plan for a platform to host and propose streetview imagery (i.e. 360° camera) ? Beside Mapillary and Panoramax -> Answer: Sam W: not to host, but to use it definitely.
 - https://spwoodcock.dev/blog/2025-05-11-potensic-atom-waypoints/
- Tulu working on flood extent mapping using radar imagery focus on Senegal, using sentinel 1.
- Faiza doing the climate resilient fellowship integrating Dhaka's slum area and the risk of climate change

18:00UTC - Hear an update about OSM Tagger API project and try it out:
 https://github.com/hotosm/osm-tagger (tbc, working on final fixes to get it ready)

Tuesday 8 April 2025 - 10:00 and 18:00UTC-

10:00UTC - MapSwipe for Web - <u>Street level Imagery</u> - try it yourself - session with Nicole 18:00UTC - cancelled

Tuesday 11 March 2025 - 10:00 and 18:00UTC- fAIr testing

Attendees: 10:00UTC Petya, Emmanuel, Martien, Dinar, Manuel Alafaa, Prativa Thapa, Syahmin, Nicole, Sam W, Ralph, Kokou, Harry, Carter, Anuradha, Walter. Lea Soma, Katia Choquehuanca, Oyetunde Adeola, Dhanmaya Mongar, Magdalen Thot 18:00 UTC Upendra Oli, Oswvl Odoniel, Ola, Rabina

- 1. Welcome and ice breaker Menti
 - www.menti.com code:3277 7821
- 2. Join us in using fAIr (https://fair.hotosm.org/) and sharing feedback (two groups) testing led by Kshitij and Emmanuel
 - Mappers



Managers

Instructions for testing:

For mappers:

You need to find out the area where mapping is needed, use published models and approve predictions

List of Models:

Kakuma, Kenya :

https://fair.hotosm.org/start-mapping/1?confidenceLevel=25&tolerance=0.4&are a=1 ,

https://fair.hotosm.org/start-mapping/53?confidenceLevel=25&tolerance=0.4&area=1

Banepa, Nepal :

https://fair.hotosm.org/start-mapping/89?confidenceLevel=25&tolerance=0.4&area=1&useJOSMQ=true

• Kampala, Uganda:

https://fair.hotosm.org/start-mapping/87?confidenceLevel=25&tolerance=0.4&area=1&useJOSMQ=true.

https://fair.hotosm.org/start-mapping/93?confidenceLevel=25&tolerance=0.4&area=1&useJOSMQ=true

For managers:

Scenarios: You need to create a building detection local model in following simulated disaster responses.

List of images:

- 2) America
 - a) Silvania:



https://tiles.openaerialmap.org/5db8511824d9eb0008c4ab3f/1/5db8511824d9eb0008c4ab41/{z}/{x}/{y}

3) Kenya, Africa

i) Kakuma

First:

https://tiles.openaerialmap.org/63b457ba3fb8c100063c55f0/0/63b457ba3fb8c100063c55f1/{z}/{x}/{y}

Second:

https://tiles.openaerialmap.org/64b24336f1006f000147af2d/0/64b24336f1006f000147af2e/{z}/{x}/{y}

4) Banuwangi -

 $\frac{https://tiles.openaerialmap.org/5da1cd8ef4e5f9000564bd7b/0/5da1cd8ef4e5f900056}{4bd7c/\{z\}/\{x\}/\{y\}}$

5) Kampala, Uganda:

https://tiles.openaerialmap.org/5dde8c410140b80006d2e543/0/5dde8c410140b80006d2e544/{z}/{xx}/{y}

Feedback from testing:

- Github: https://github.com/hotosm/fAlr/issues
- Add below

Tuesday 18 February 2025 - 10:00 and 18:00UTC

Attendees: 10:00UTC Petya (UK), Niraj Adhikari (Nepal), Ralph (UK), Katia (Bolivia), Joseph Kathukya (Kenya), Stephane de greef (Belgium), Anuradha (Sri Lanka), Charles Chilufya (Zambia), Jonathan, tere, Brent, Clinton Nyathi (South Africa), 18:00UTC martien, Nicole, Dusan, Jessie, Alebrt, Shahtaj (Pakistan, first time), Magdalen (Canada, first time), Ouma Ronald, Oscar, Kayne, Rania Elsayed, Thitai Francis,

1. Welcome and ice breaker

All About Open Mapping Tools: Our latest tech developments

This is the go-to newsletter for developers, open-source enthusiasts, tech-savvy individuals, and users of HOT tools. Stay updated on cutting-edge technology,



open-source mapping projects, and the latest advancements in HOT's geospatial tools, all driving impactful solutions in humanitarian mapping.

Subscribe here for the tech

https://mailchi.mp/hotosm.org/stories-of-tech-data-and-local-open-mapping-for-good

- 3. Presentation: Learn how to find the most recent OSM data (Jessie & Claudio for the 18:00)
 - Learn about the latest **HDX** updates, how to download and use OSM Data
 - Presentation Slides
- 4. Other updates [please add below]
 - https://www.hotosm.org/updates/announcing-our-open-maps-for-human itarian-needs-campaign/
 - HOT Tasking Manager new fast API get involved in testing on staging site- Wednesday 19 February !

How to test:

- 1.Go to HOT Tasking Manager staging site:https://tasks-stage.hotosm.org
- 2.Login with your OSM username
- 3.Follow the instructions in the 6 workflows identified on Github "FastAPI migration" if you are a mapper or validator, you can focus on these two workflows only
- 4. Share any feedback/issues on Github or by responding to this Slack thread.

0

Tuesday 14 January 2025 - 10:00 and 18:00UTC

Attendees: 10:00 UTC Petya, Manuel Alafaa, Nicole, Melodee, Ralph, Katia, Jonathan Bartolo 18:00UTC Petya, Joseph Kempf, Martien, Dusan, Sam, Laura, Francis

- 5. Welcome and ice breaker
 - Happy 2025!



- HOT Tasking Manager: last day to fill in the end of year survey! Huge thanks to over 20 people who supported phase one of testing the new FastAPI!
- Drone Tasking Manager <u>DroneTM Pitch / Demo (Dec 2024)</u>
- Field Mapping Tasking Manager <u>FMTM Pitch</u>
- HOT technical documentation: Intro HOTOSM Docs
 - i. If you are a developer, would love to know if you find them helpful.
 - ii. You need some level of familiarity with OSM and tools to understand the diagrams
- Map Swipe: The American Red Cross is funding the creation of a new crowdsourcing project type for the open source MapSwipe mobile app to facilitate validation of ML image analysis (the work will be completed between now and the end of June). Dan Joseph is looking for people interested in providing input on how such a tool in MapSwipe could be useful to their workflows. Providing feedback does not guarantee we will be able to include your requested features and functionalities, but we will certainly take it into consideration. Reach out to daniel.joseph@redcross.org if you're interested in telling about your use-case(s) or know anyone who might be!
- HOT is participating in a hackathon as a part of AI Action Summit in Paris in Feb 2025, we have a big potential to use Sentinel data which is low quality and not suitable for small feature detection .. however, it might be useful for land use detection specially in unmapped areas ... The technique is basically using OSM data and Sentinel data to train computer vision model to detect specific features
 - i. Land use is the one on the list so far and we knew that there are already lot os work around it such as <u>ESA world cover</u>, what other features could be helpful for humanitarian actions/preparedness?
- Melodee: working on a storymap HOT over the last 15 years welcome ideas and examples from people.
 - i. An Incomplete History of HOT Part 1
 - ii. An Incomplete History of HOT Part 2
- Ralph: <u>Uses of remote sensing in emergency and disaster management</u> -<u>RGS</u> - in person event in London on 21 Jan.

7. Poiscussion [please add suggested topics]

o Plan for 2025 tech webinars - what would you like to hear more?

0



- i. After the <u>Open Mapping Solutions webinar</u>, we heard that people want more focused deep dives (ex: DroneTM and FMTM). Which topics shall we cover? We'd like to share a plan for the next 6 months:)
 - 1. Field mapping FMTM, ODK, Kobo
 - 2. fAIr
 - 3. Imagery Drone Tasking Manager and OAM
 - Data export and use -> maybe start with that session in Feb/March (advertise this course <u>Humanitarian Use of OSM</u> <u>Data</u>)

Deep dive longer session where people can follow along and use the tools

- ii. Community wg / tech and inno scheduled ones: Open Mapping with ChatMap on **30 January** register here.; Mapping with 3D data (tbc)
- Data Quality internships are they happening?
 - i. HOT is not doing the internships at the moment
 - ii. Here are the <u>videos</u> from the 2022 session
- o Community working group mentorship program is it happening this year?
 - i. Currently no plans for 2025 (on hold)

2024 Rolling notes



Tech & Innovation Space: a creative space for geospatial enthusia

to the rolling doc for all things

novation for all you tech and innovation enthusiasts out there! deas, questions, reflections, concerns you might have. Are you missing something here? Just add it here, or let us know, and we will add it!

o join meetings: https://meet.jit.si/HOTOpenTechandInnovationWG
>> Link to Slack channel: #geospatial-technology-and-innovation

o 2023 rolling doc notes:

en Tech and Innovation Space: Rolling Doc 2023 -

doc] Local imagery)

ig Manager)

pm UTC only

have one session at 18:00UTC! The 10:00UTC session is cancelled.

breaker

e, Judith, Grzegorz, Joseph, Sam,

3 months as part of her Outreachy internship: March 2025

ch Updates

ee's Corner

g on and who to reach to if you have more questions!

OSS4G in Brazil! We've captured images around the SotM LATAM and also in a amazonian

Geospatial Innovation This December | Humanitarian OpenStreetMap Team

all the users who are supporting the testing of the new Fast API! Next Wednesday one

big release with the 'mapper frontend' going to production this week!

ned to "ChatMap" and now it's available on <u>HOT WhatsApp ChatMap</u>. Let us know if you are ion that supports video and also multiple files. Now people can export several chats and oll will generate a single map + GeoJSON file with all things together. See project for Sudan - securely mapping sensitive data in Sudan!

TC - share with your network and **register for the Community-led hands on workshop - part** e recording of <u>Community-led Open Mapping solutions webinar</u> - part 1). We will have three AI assisted mapping 3) Field Mapping

discussion:

ation is out of date, report to training-working group (Working Groups | Humanitarian

ny contributing to learnOSM is better than contributing to the OSM wiki? A: There are contribute to all.

Kenya on advanced mapper (Overpass Turbo, Export Tool, umap), 2 month program, also r, propose more hands on session (like the one Eden led - Github, open source contributions). ng Manager work - it is a coordination layer vw.opendronemap.org/

almap.org/

ger only works with DGI mini 4 pro

of what makes a good ticket? What is the minimum that's required? A: Example templates the developers can replicate a bug (<u>New Issue</u>) or create new feature (<u>New Issue</u>)

mething/someone that has inspired you in the tech field in 2024?

bout - Sinead bovell

ther tool

Nairobi, waterways webinar around october which was something extra to the most

ond | All Things Distributed

0am + 6pm UTC

n, Arnold N, Carol

breaker

etherlands), Arnold (Cameroon), Anuradha (Sri lanka), JudithM (Kenya), Ezekiel, Pragya,

n (Serbia), Mashiyat (Bangladesh), Jose (Spain), Ralph, Joseph

ch Updates The latest for each of the tools we are working o

ons!

October, development work with Naxa taking place until January 2025. For this month, we ul completion of MVP training in St. Lucia and Dominica, along with a major platform update. ed, automated image processing workflow using OpenDroneMap (ODM), integrated directly download completed orthophotos directly from the platform. Ivan Gayton us know if any challenges or questions. Cristiano Giovando

ping us test in November/December the transition to the new fast API. Thank you to those

ing in Brussels taking place this week, where we'll discuss MapSwipe/MapSwipe4Web's tuse the tool. Street level imagery project due to launch in late December / early January.

where, instead of looking at satellite images, one looks at street level imagery and then answers iew here, slides 21-23: Current State of MapSwipe for Web (What could be possible....)

r production release 2.0 refactoring the whole user experience. New designs are public env;

mentation model called YOLOv8 segmentation as a result of Omdena outputs amage assessment models to be adopted in fAlr

ership, we are exploring partnership with Synergo Group to do pro bono work on fAIr.

are working towards a new mapper frontend that enhances the surveying experience for **field** while the tool is an integral part of the Know Your City(KYC) E2E exercises led by Pete (HOT). ection in Mwanza (Tanzania) and we are preparing the support the exercise in Ghana and agupathy Sam Woodcock

n Jessie Pechmann Claudio de los Reyes nentication with OSM accounts Emilio Mariscal

moved to https://hotosm.github.io/whatsapp-location-parser/, we would like to get user bw to use it English available Emilio Mariscal Our LAC Hub is doing testing now in

: webinar series "Community-led Open Mapping Solutions" led by the Tech Team -:30 UTC (English) - PART 1: Show and Tell

:00 UTC (English) - PART 2: Interactive Hands-on Workshop

nderstand who is a "local" mapper?

ain which project it refers to, but still a challenge. Tag in changeset "FMTM project XX". Still of the data.

erent server.

Door, Mapillary

king groups - Data Quality WG (Martien):Working Groups | Humanitarian OpenStreetMap

asking Manager (Martien) Arnold)

a para documentar incidencias y recursos sociales o sanitarios para apoyar zonas afectadas

n + 6pm UTC

, Albert, Anna, Ralph, Eugene, Mashiyat, Jane America, Arnold, Gatete. igan

breaker

u to map?

es Analysis in Humanitarian Voluntary Geographic Information: the case of the HOT et) - presentation from researchers- Hector Ochoa-Ortiz - University of Camerino vill be recorded). Watch Recording here.

o-research.eu/

ot based in countries part of the HOT regional Hubse for validation; data quality and role of Al about buildings in OSM:

com/science/article/pii/S0360132323003220

0-9964/12/4/143

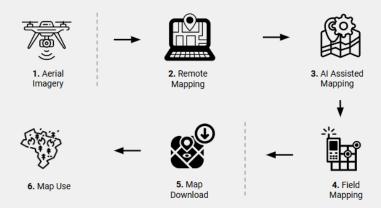
ticles/s41467-023-39698-6

OSM: Tools & Data | Humanitarian OpenStreetMap Team (hotosm.org)

ow:



End to End Tech & Data Solution



thyst Studio, Aril Subekti, Sara Tan, Pravin Unagar, Foxyard Studio, Vectostall - The Noun Project

https://hotosm.github.io/e2e-mapping/0-overview/



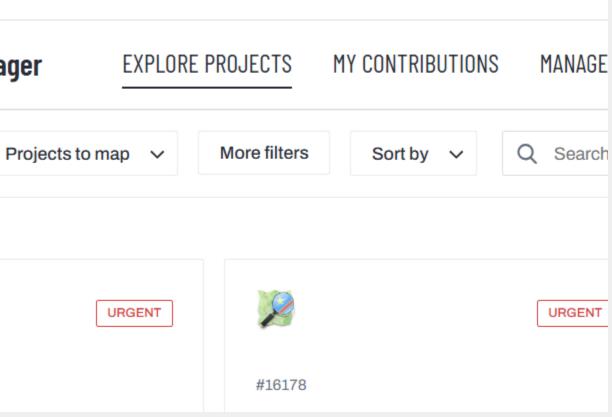
g workflow in Argentina : <u>On the Front Line of Climate Change: End-to-End Open</u> | <u>Humanitarian OpenStreetMap Team (hotosm.org)</u>

ow - planning community webinars in November (dates tbc) ut the webinar, let Petya know. What would you like to hear?

rted development in June. You can try on <u>Drone Tasking Manager (dronetm.org)</u> - first ady by Jan 2025

31 July Slides Webinar recording ol?

u think of the "download list" feature under explore projects? Answer the poll on



Humanitarian OSM Team/Working groups/Data Quality Control and at Gardening 2024 - OpenStreetMap Wiki

0am + 6pm UTC

breaker

July Slides Recording

lager - 31 July Slides Webinar recording
to end community mapping in September
sopen now (deadline 16 August) VOTE HERE

Data Use + Tools

and topic and what you'd like to discuss or present

6pm UTC

alph, Dhivya Manoj, Wilson, Anuradha, Sam Woodcock, Cynthia, Dusan, Gregory, Francis,

breaker nti.com/al57mpicfhtv

ct Suite: HOT Tech Product Suite | Humanitarian OpenStreetMap Team

utorial Videos - <u>Youtube</u> - Webinar details coming soon - 31 July (time tbc)! n 3 July: <u>Slides</u> and <u>Recording</u>. Reach out if any questions or if you have a drone DJI appening until January 2025

ntation by Sam Woodcock - huge thanks, Sam!

une soft launched a 'Humanitarian use of OSM data' course. Audience: Non-profit

dividuals interested in using OpenStreetMap more in their work

ed people who you know will be more tolerant of small blips/issues - means to at the bottom of that signup page.

to Contributing to HOTOSM Projects?

e attending this week- LinkedIn post?

want to report a bug, or add a feature request, you can do so here. Or email Nicole. web version are merged. Stats by user available here: Community (mapswipe.org) or MapSwipe?

o on MapSwipe? Email info@mapswipe.org, then can create a group for you. nizing a mapathon with MapSwipe, let us know!

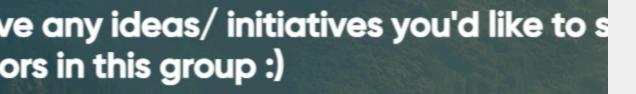
o use OSMCha

mple of OSM data use + tools. Maybe have a guest speaker?

to have more of a deep dive

OSM data in database with focus on highways (Vicky). Then see how data

s recorded]

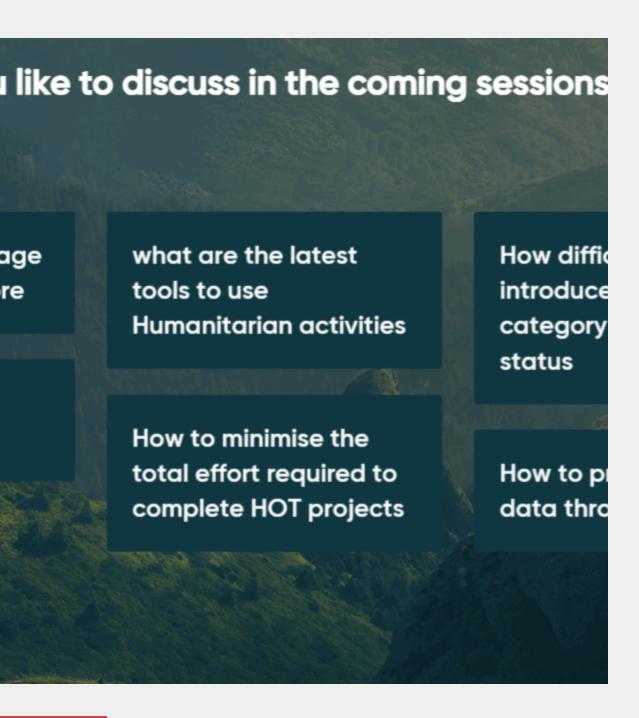


or mappers in specific itures ghways,

tc.)

any Al tools to identify land use, because I'm interesting about that. ex. agricultural lands

'S liv



+ 6pm UTC

tta, Joseph Kathukya, Oluwanifemi Daramola, Ralph, Azhar Ismagulova, Dhivya, es Gomes, Daniel Akor, Yves, Vicky Vergara, Dusan, Nchedo Okongwu, Judith

breaker

u morning or evening person?

everyone now: <u>fAlr in Production is Available for Everyone | Humanitarian</u>

working with HOT for 3 months (May to August 2024)

<u> uwanifemi's Day 1 of Forever - DEV Community</u>

ng on My Outreachy Journey: A New Chapter with HOTOSM (hashnode.dev)

loring Overture Map Data - DEV Community

e first cohort AI for Disaster Management: Meet the AI for Disaster Management

s program - Tech To The Rescue

g the Open Drone Aerial Tasking Manager | Humanitarian OpenStreetMap Team

RONE TASKING MANAGER | Humanitarian OpenStreetMap Team (hotosm.org)

ar on 3rd of July - details to follow!

about completeness: Pakistan Roads (OpenStreetMap Export) - Humanitarian Data

or the HOT Tasking Manager.

te and advanced mappers - not changing the criteria

iteria and category-

appers" status. Is that the same as the advanced mappers? Answer: this is a id you contribute to OpenStreetMap? (neis-one.org)), not linked to the HOT Tasking

ocA - cell says:Assessment will be on mapped things? Or it will be something map an area and the osm file (josm)? Answer: look at what they have actually eatures they have amended, changed, deleted.

ocA - cell says:Will it use neis pascal profile?

ys: Did you say you have to apply for the super mapper category? Answer: no

e validator team), they will be assessed and asked if they want to become a super

e motivate people from the level of advanced mapper to be super mappers?

airobi

on & online - TICTeC (mysociety.org)

ria, organised by Unique Mappers Network Nigeria

/lalawi

Tools & Data | Humanitarian OpenStreetMap Team (hotosm.org)

for level of mappers implemented - beginner, intermediate, advanced? re with Charles

anager (github.com)

- 6pm UTC

Martien, Joseph, Anuradha, Dhivya, Daniel Akor, Olushola, Faiz Jamdar, Arnold ya, Francis Asante Nsiah, Judith Murage

breaker

te month of the year :)

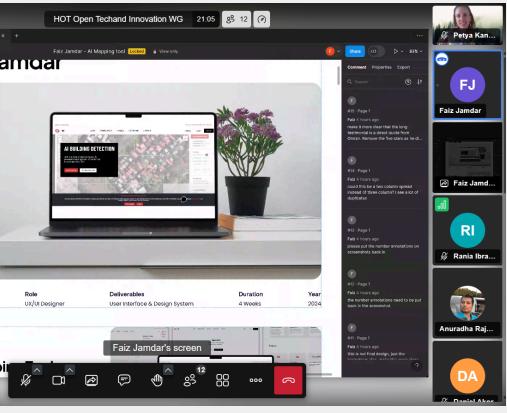
starting end of May!

vanifemi: Outreachy Alums, May 2024 to August 2024

thon update- HOT Maps | Devpost - IDeditor with initial walkthrough game!

r User experience - sharing his experience and learnings :)

Il the work on this!



? OGC Code Sprints

f not used MapSwipe before) MapSwipe ind, Validate, Compare

feedback:

al.

ing - Google Jamboard

pswipe/mapswipe-web: A web client for MapSwipe (github.com)

sessions: ALL FEEDBACK ADDED HERE : <u>Testing session: suggested improvements</u>

<u>e/mapswipe-web (github.com)</u>

as not able to reset password (Anuradha)

ng able to scroll when moving to next : <u>Bug - can't scroll after navigating to next</u>

· Issue #3 · mapswipe/mapswipe-web (github.com)

clear:

contribute guide images are not clear

on: you cannot press "save" icon - does that mean you need to finish swiping before ve next?

tions can be improved - the text "look for buildings" should be more prominent to user

e specific- Bad imagery - what would we classify as such? It would be useful to have es in the instructions

s:

Iter" by type of project "Find", "Validate", "Compare"

ng "select" to "contribute" like in the Tasking Manager

SM mapping tool is fully accessible via keyboard, no mouse needed. For mapswipe, it be nice if I could select each of the four options with the keyboard, so that it's faster cking e.g. 1. no 2. yes 3. maybe 4. bad imagery

etailed tutorial will be helpful

ups to test and give feedback). Official launch at State of the Map US

ich roadmap meets your needs?

ub.com/orgs/hotosm/projects/28/views/1

/orgs/hotosm/projects/23/views/3

ub.com/orgs/hotosm/projects/29/views/1

roadmap/_Tech roadmap: Kanban · Field Mapping Tasking Manager (FMTM) (github.com)

/1205941208848078/1205941500703005

road idea

nable you execute all the steps fully in your project

n a developer perspective the Tasking Manager one looks great:

sm/projects/28/views/1

naps at HOT to follow, hard to keep an eye on everything.

use it? 2) Do I want to help with development?

or each product talk through 1) what it is for users 2) how to get involved as a

ng- Francis

6pm UTC

am, Shola, Daniel, Anuradha Rajanayake, Hamdha Banu, Sridevi Talluri, Miriam, (pongjanyi, Iman Seleman, Ogungbemi Ezekiel ya, Dusan, Ogungbemi Ezekiel Tobiloba, Ezéchiel, Dan Joseph, Katie

breaker

<u>ager (FMTM) | Humanitarian OpenStreetMap Team (hotosm.org)</u>

napping-tasking-manager Slack channel?

Tasking Manager? In the future there is thinking to do that and have that feedback. connect with <u>disaster ninja</u>? Currently no plans. Sam to follow-up. se studies yet on the use of FMTM? How are organisations using it? case studies

ping Tasking Manager (FMTM) (github.com)

map/strategic - simple way to describe for general audience . For example: <u>ODK</u> e)

Mentors now reviewing applications. Successful interns to be announced 1 May

entorship program: join our mentorship program and embark on a journey of growth, ly now https://buff.ly/3TM8knV



e action"

Group

ement"

f Focus

our goals.

eospatial Skills

ommunity Building Humanitarian Work

this opportunity to

achieve your goals?

entorship Program is s who are interested

reach their potential.

alog/645d6a07eb82fb767bb0c012/gis-for-climate-action/

g (below), SAR is still not so understand as optical imagery but I see a lot of potential ping: https://spectrum.ieee.org/synthetic-aperture-radar
tic Aperture Radar? | Earthdata (nasa.gov). SAR is from commercial providers and

used for mapping, particularly for Al-assisted mapping, which doesn't need to gery

nd end to end workflow focus.

10m resolution). <u>ALOS-1 - Earth Online (esa.int)</u>.

(20m resolution). Can be accessed via https://browser.dataspace.copernicus.eu/

nate action and geospatial tech [Petya - via Menti]

Cities | Humanitarian OpenStreetMap Team (hotosm.org)

<u>itial for Climate Change (geospatialworld.net)</u>

s on people and cities; we should concentrate on nature and what is happening there

ed areas in Amazon area: <u>Forest intervened and buildings - Acre (1) | MapSwipe</u> nostly focuses on buildings, also slum development in cities, .fAIr also focuses on

ethical data framework: what it is and how you can use it - Jessie NG (to be added shortly)

ole and ethical data framework | Humanitarian OpenStreetMap Team (hotosm.org)
oject: Policies, guidance, tools, and resources for Data Protection in humanitarian

nean for volunteers and how do they fit in?

า + 6pm UTC

Reny, Antonio Laranjeira ((first time)), Hamdha banu, Martien, Dusan Zivkovic, a Zancheta, Afi, Eden, Cynthia (first time), Benjamin ((first time)) a (Egypt), Olushola (Nigeria), Joseph Kathukya (Kenya), Alberto Tejeda (Mexico), Paxxy Pro(Rwanda)

eaker

ry/women in tech that has inspired you

cs Index (hotosm.org)

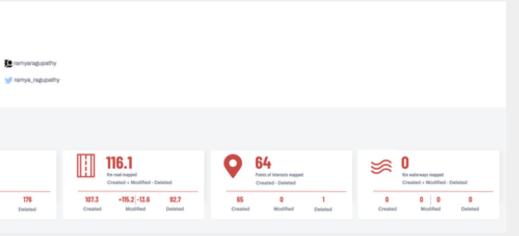
FMTM): read about beta release here: spwoodcock's diary | Revolutionizing Field enStreetMap . Feedback is welcome!

es are different from the usual tasking manager

luce people into OSM tagging?

testing with HOT's regional hubs is on-going- thanks to our volunteer Faiz for doing part in Omdena challenge: Enhancing Global Mapping Through AI: A Collaborative streetMap Team and Omdena | Projects | Omdena

nave all used the download function! Let us know :) HOT and Naxa team are meeting me Now Stats with newer data points



? Answer: with the next release.

lay to August 2024. Contribution period is taking place now! 2 projects: we have Sam

and Eden and Shola (previous Outreachy interns) as co-mentors

Github video launch (launched next Tuesday)

people to join and contribute to Github when they have no mapping/HOTOSM

achy from an organisation from African Women in GIS and I will be glad to join the

<u>/www.d4d.net/state-of-open-data/chapters/sectors/development-humanitarian/v2/</u>

n in about a month

ata ethics. Answer: Take a look at <u>Launching HOT's responsible and ethical data</u> reetMap Team (hotosm.org)

nity wishlist in one single place?

Any other examples that you know of?

s - Afi made a suggestion to add wishes under <u>HOT Docs Index (hotosm.org)</u>. Then

on for Wikimedia's Community Wishlist! - Diff

st to sit in? Github or another place?

ertkm) interested in contributing either front or backend! Petya to share a few rom Tasking Manager, fAIr, FMTM

osm/ui/issues

osm/ggis-templates-and-symbology-plugin/issues?

<u>isting tech debt? · hotosm/tasking-manager · Discussion #6264 (github.com)</u>

am + 6pm UTC

tij, Martien, Dusan, Eden,, Anuradha, Sam, Arnold, Ralph, Hamdha banu, Carol (first time h Kathukya, Omran, Ralph, Nadaraj Saranya, Arnold Nkwabong, Ogungbemi Ezekiel (first time a, Iman

e breaker

enter 51437503



rrunning a session on how to make your first contribution to open source on 10 Janating short videos on 26 Jan 🎉

e May-August 2024 round as well - if you are interested in becoming a mentor sion on intro to containers - huge thanks to Sam Woodcock for running this session KILLSHARE and SLIDES

mos: https://gitlab.com/spwoodcock/docker-demo/

Podcast - 218. Women in geo: the role of internships and mentorship

vork on HOT QGIS template issues <u>Issues ·</u>

<u>d-symbology-plugin (github.com)</u>. Highest priority: <u>Generic branded template for</u> #46 · hotosm/qgis-templates-and-symbology-plugin (github.com)

Tasking Manager developers who are always ready to listen and help to adapt the users.

ager - public beta version launch on 1st of March! <u>Field Mapping Tasking Manager</u> mmunity webinar in March)

elow

for Web - launch in spring. Testing next Tuesday. Go here and choose a ticket for ent: https://www.tickettailor.com/events/missingmapslondon/1068244

res & raw data API [short demo + hands on use of new features] - 10:00UTC

<u>sport.hotosm.org/osm/error</u> A: , It worked for him in incognito so if it is not working for sh on your page and it should work !

ccording to admin boundary? Type in search osm_id or you can use import

or download area? No limit to tasking manager exports,

people using? Geojson, SQL, geopackage

ck up new projects? If you create a new project, can you export the data within tely after it has been added.

of before and after mapping project dataset from export tool. A: We do not store, but lay and then go again in 10 days and save yourself.

n future to add functionality of downloading the data with respect to a specific osm

cumentation - 18:00 UTC Rob Savoye

https://docs.hotosm.org/

po: https://github.com/hotosm/techdoc

ve have volunteers/ suggestions for women in tech - highlight experiences, lighting

March onwards- any objections?

Tuesday 9 January 2024 - 10am + 6pm UTC

Attendees: Rania Ibrahim, Hamdha Banu, [from Telus International: Anton, Pernille, Vera, Linnea,] Jonathan Bartolo, Orkut Murat Yilmaz, Synne Olsen, Eden Oluigbo, Sam Woodcock,

Brazil Singh, Aprilia Nidia, Antidius Kawamala, Ralph, Anuradha, Ola, Ziyad, Victor Ademoyero, Charles

Martien, DK, Ogungbemi Ezekiel, Shyam, Joseph Kathukya, Ralph, Dan Joseph, Andres Gomez, Iman Seleman, Laban Kulubasi

5. Welcome, introductions and ice breaker

6.

a.

i.

iii.

1.

a. Name, where you're joining us from & how cold/warm it is where you are:)

№ Updates: feedback received from you & highlights from 2023

Slack community now 181 and mailing list - 245 🎉

b. Feedback form - received 17 responses. Thank you!

Average score on how likely people are to recommend - 8.6.

ii. Highlights include Tasking Manager, Underpass demo, AI sessions, learning about OSGeo, discussion with community



Improvements/ideas: focus on use case of tools/applications, testing, training newbies, hold in other languages

Specific to Tasking Manager - not being to track individual stats. How we develop that.

2. Session focused on MapSwipe

a.	Presentation from Synne & Telus International team - Copenhagen open				
	volunteer sprint with Telus International & HOTOSM				
i.	[summary] Open Volunteer Sprint 2023				
1.	Questions/feedback: validation issues				
2.	Interesting paper on semantic clustering: Example of				
	syntactic and semantic clusters Download Scientific				
	<u>Diagram (researchgate.net)</u>				
3.	Want to get in touch? Contact Petya Kangalova				
b. Discussion: Have you facilitated one and would you like to share 1-2					
	highlights/lessons learnt? How can we use a similar approach to facilitate				
	innovative thinking? What would you need to do be able to do that?				
8.	What is your experience working with imagery?				
a.	OgubgbemiMaxar was not available in JOSM, so using Bing				
i.	Bing and esri are not as high resolution				
b. Ralph: issues with projects and cannot validate them because of N					
	imagery				
C.	Joseph: project issues with validation as above				
9.	DK- Meta thinking about integration Mapilary with rapid				
10.	Planned sessions for 2024				
a.	9 Jan - open volunteer sprint (Synne and Telus International)				
b.	13 February - HOTOSM streamlining developer documentation + Export				
	Tool exciting new changes				
C.	12 March				
d.	Other suggestions: Skillshare topics (containerisation by Sam)				

Copy of 2024 Rolling notes



Tech & Innovation Space: a creative space for geospatial enthusia

to the rolling doc for all things

novation for all you tech and innovation enthusiasts out there! deas, questions, reflections, concerns you might have. Are you missing something here? Just add it here, or let us know, and we will add it!

o join meetings: https://meet.jit.si/HOTOpenTechandInnovationWG
>> Link to Slack channel: #geospatial-technology-and-innovation

2023 rolling doc notes:

en Tech and Innovation Space: Rolling Doc 2023 -

doc] Local imagery)

ig Manager)

pm UTC only

have one session at 18:00UTC! The 10:00UTC session is cancelled.

breaker

e, Judith, Grzegorz, Joseph, Sam,

3 months as part of her Outreachy internship: March 2025 ee's Corner

ch Updates

g on and who to reach to if you have more questions!

OSS4G in Brazil! We've captured images around the SotM LATAM and also in a amazonian

Geospatial Innovation This December | Humanitarian OpenStreetMap Team

all the users who are supporting the testing of the new Fast API! Next Wednesday one

big release with the 'mapper frontend' going to production this week!

ned to "ChatMap" and now it's available on <u>HOT WhatsApp ChatMap</u>. Let us know if you are ion that supports video and also multiple files. Now people can export several chats and oll will generate a single map + GeoJSON file with all things together. See project for Sudan - securely mapping sensitive data in Sudan!

TC - share with your network and **register for the Community-led hands on workshop - part** e recording of <u>Community-led Open Mapping solutions webina</u>r - part 1). We will have three AI assisted mapping 3) Field Mapping

discussion:

ation is out of date, report to training-working group (Working Groups | Humanitarian

ny contributing to learnOSM is better than contributing to the OSM wiki? A: There are contribute to all.

Kenya on advanced mapper (Overpass Turbo, Export Tool, umap), 2 month program, also r, propose more hands on session (like the one Eden led - Github, open source contributions). ng Manager work - it is a coordination layer vw.opendronemap.org/

almap.org/

ger only works with DGI mini 4 pro

of what makes a good ticket? What is the minimum that's required? A: Example templates the developers can replicate a bug (<u>New Issue</u>) or create new feature (<u>New Issue</u>)

mething/someone that has inspired you in the tech field in 2024?

bout - Sinead bovell

ther tool

Nairobi, waterways webinar around october which was something extra to the most

ond | All Things Distributed

0am + 6pm UTC

n, Arnold N, Carol

breaker

etherlands), Arnold (Cameroon), Anuradha (Sri lanka), JudithM (Kenya), Ezekiel, Pragya,

n (Serbia), Mashiyat (Bangladesh), Jose (Spain), Ralph, Joseph

ch Updates The latest for each of the tools we are working o

ons!

October, development work with Naxa taking place until January 2025. For this month, we ul completion of MVP training in St. Lucia and Dominica, along with a major platform update. red, automated image processing workflow using OpenDroneMap (ODM), integrated directly download completed orthophotos directly from the platform. Ivan Gayton us know if any challenges or questions Cristiano Giovando

ping us test in November/December the transition to the new fast API. Thank you to those

ing in Brussels taking place this week, where we'll discuss MapSwipe/MapSwipe4Web's tuse the tool. Street level imagery project due to launch in late December / early January.

where, instead of looking at satellite images, one looks at street level imagery and then answers iew here, slides 21-23: Current State of MapSwipe for Web (What could be possible....)

r production release 2.0 refactoring the whole user experience. New designs are public reny;

mentation model called YOLOv8 segmentation as a result of Omdena outputs amage assessment models to be adopted in fAIr

ership, we are exploring partnership with <u>Synergo Group</u> to do pro bono work on fAIr.

are working towards a new mapper frontend that enhances the surveying experience for **field** while the tool is an integral part of the Know Your City(KYC) E2E exercises led by Pete (HOT). ection in Mwanza (Tanzania) and we are preparing the support the exercise in Ghana and agupathy Sam Woodcock

n Jessie Pechmann Claudio de los Reyes nentication with OSM accounts Emilio Mariscal

moved to https://hotosm.github.io/whatsapp-location-parser/, we would like to get user by to use it English available Emilio Mariscal Our LAC Hub is doing testing now in

webinar series "Community-led Open Mapping Solutions" led by the Tech Team -

:30 UTC (English) - PART 1: Show and Tell

:00 UTC (English) - PART 2: Interactive Hands-on Workshop

nderstand who is a "local" mapper?

ain which project it refers to, but still a challenge. Tag in changeset "FMTM project XX". Still of the data.

erent server.

Door, Mapillary

king groups - Data Quality WG (Martien):Working Groups | Humanitarian OpenStreetMap

? asking Manager (Martien) Arnold)

a para documentar incidencias y recursos sociales o sanitarios para apoyar zonas afectadas

n + 6pm UTC

, Albert, Anna, Ralph, Eugene, Mashiyat, Jane America, Arnold, Gatete. igan

breaker

u to map?

es Analysis in Humanitarian Voluntary Geographic Information: the case of the HOT et) - presentation from researchers- Hector Ochoa-Ortiz - University of Camerino vill be recorded). Watch Recording here.

o-research.eu/

ot based in countries part of the HOT regional Hubs e for validation; data quality and role of Al about buildings in OSM:

com/science/article/pii/S0360132323003220

0-9964/12/4/143

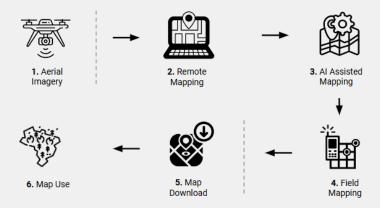
ticles/s41467-023-39698-6

OSM: Tools & Data | Humanitarian OpenStreetMap Team (hotosm.org)

ow:



End to End Tech & Data Solution



nethyst Studio, Arif Subekti, Sara Tan, Pravin Unagar, Foxyard Studio, Vectostall - The Noun Project

https://hotosm.github.io/e2e-mapping/0-overview/



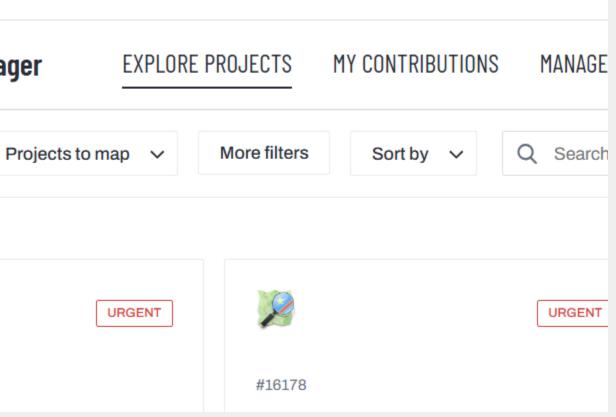
g workflow in Argentina : <u>On the Front Line of Climate Change: End-to-End Open</u> | <u>Humanitarian OpenStreetMap Team (hotosm.org)</u>

ow - planning community webinars in November (dates tbc) ut the webinar, let Petya know. What would you like to hear?

rted development in June. You can try on <u>Drone Tasking Manager (dronetm.org)</u> - first ady by Jan 2025

31 July Slides Webinar recording ol?

u think of the "download list" feature under explore projects? Answer the poll on



Humanitarian OSM Team/Working groups/Data Quality Control and at Gardening 2024 - OpenStreetMap Wiki

0am + 6pm UTC

breaker

July Slides Recording

lager - 31 July Slides Webinar recording
to end community mapping in September
sopen now (deadline 16 August) VOTE HERE

Data Use + Tools

and topic and what you'd like to discuss or present

6pm UTC

alph, Dhivya Manoj, Wilson, Anuradha, Sam Woodcock, Cynthia, Dusan, Gregory, Francis,

breaker nti.com/al57mpicfhtv

ct Suite: HOT Tech Product Suite | Humanitarian OpenStreetMap Team

utorial Videos - <u>Youtube</u> - Webinar details coming soon - 31 July (time tbc)!

n 3 July: <u>Slides</u> and <u>Recording</u>. Reach out if any questions or if you have a drone DJI
appening until January 2025

ntation by Sam Woodcock - huge thanks, Sam!

une soft launched a 'Humanitarian use of OSM data' course. Audience: Non-profit dividuals interested in using OpenStreetMap more in their work

ed people who you know will be more tolerant of small blips/issues - means to at the bottom of that signup page.

to Contributing to HOTOSM Projects?

e attending this week- LinkedIn post?

want to report a bug, or add a feature request, you can do so here. Or email Nicole. web version are merged. Stats by user available here: Community (mapswipe.org) or MapSwipe?

o on MapSwipe? Email info@mapswipe.org, then can create a group for you. nizing a mapathon with MapSwipe, let us know!

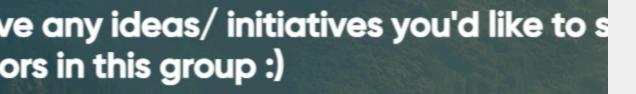
o use OSMCha

mple of OSM data use + tools. Maybe have a guest speaker?

to have more of a deep dive

OSM data in database with focus on highways (Vicky). Then see how data

s recorded]

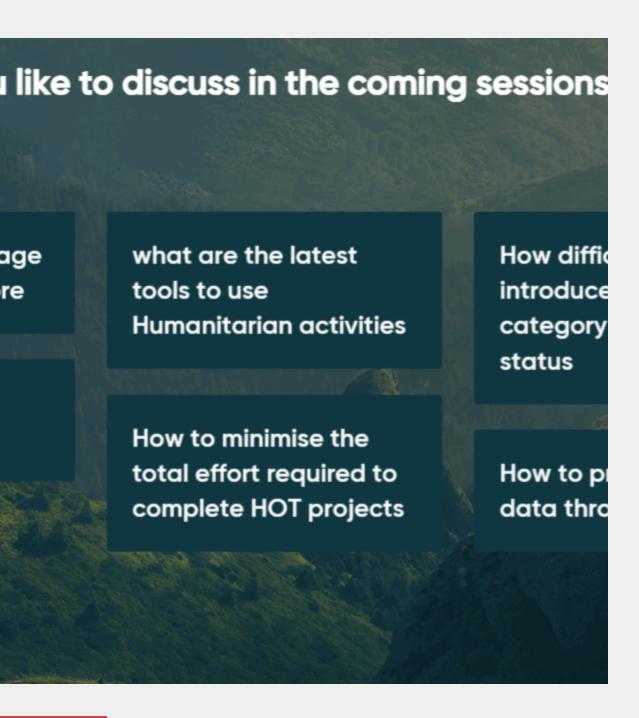


or mappers in specific itures ghways,

tc.)

any Al tools to identify land use, because I'm interesting about that. ex. agricultural lands

'S liv



+ 6pm UTC

tta, Joseph Kathukya, Oluwanifemi Daramola, Ralph, Azhar Ismagulova, Dhivya, es Gomes, Daniel Akor, Yves, Vicky Vergara, Dusan, Nchedo Okongwu, Judith

breaker

u morning or evening person?

everyone now: <u>fAlr in Production is Available for Everyone | Humanitarian</u>

working with HOT for 3 months (May to August 2024)

<u> uwanifemi's Day 1 of Forever - DEV Community</u>

ng on My Outreachy Journey: A New Chapter with HOTOSM (hashnode.dev)

<u> Ioring Overture Map Data - DEV Community</u>

e first cohort AI for Disaster Management: Meet the AI for Disaster Management

s program - Tech To The Rescue

g the Open Drone Aerial Tasking Manager | Humanitarian OpenStreetMap Team

RONE TASKING MANAGER | Humanitarian OpenStreetMap Team (hotosm.org)

ar on 3rd of July - details to follow!

about completeness: Pakistan Roads (OpenStreetMap Export) - Humanitarian Data

or the HOT Tasking Manager.

te and advanced mappers - not changing the criteria

iteria and category-

appers" status. Is that the same as the advanced mappers? Answer: this is a id you contribute to OpenStreetMap? (neis-one.org)), not linked to the HOT Tasking

ocA - cell says:Assessment will be on mapped things? Or it will be something map an area and the osm file (josm)? Answer: look at what they have actually eatures they have amended, changed, deleted.

ocA - cell says:Will it use neis pascal profile?

ys: Did you say you have to apply for the super mapper category? Answer: no le validator team), they will be assessed and asked if they want to become a super

e motivate people from the level of advanced mapper to be super mappers?

airobi

on & online - TICTeC (mysociety.org)

ria, organised by Unique Mappers Network Nigeria

1alawi

Tools & Data | Humanitarian OpenStreetMap Team (hotosm.org)

for level of mappers implemented - beginner, intermediate, advanced? re with Charles

anager (github.com)

- 6pm UTC

Martien, Joseph, Anuradha, Dhivya, Daniel Akor, Olushola, Faiz Jamdar, Arnold ya, Francis Asante Nsiah, Judith Murage

breaker

te month of the year :)

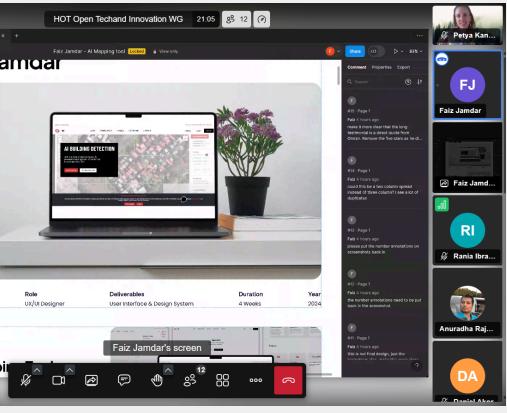
starting end of May!

vanifemi: Outreachy Alums, May 2024 to August 2024

thon update- HOT Maps | Devpost - IDeditor with initial walkthrough game!

r User experience - sharing his experience and learnings :)

Il the work on this!



? OGC Code Sprints

f not used MapSwipe before) MapSwipe ind, Validate, Compare

feedback:

al.

ing - Google Jamboard

pswipe/mapswipe-web: A web client for MapSwipe (github.com)

sessions: ALL FEEDBACK ADDED HERE : <u>Testing session: suggested improvements</u>

<u>e/mapswipe-web (github.com)</u>

as not able to reset password (Anuradha)

ng able to scroll when moving to next : <u>Bug - can't scroll after navigating to next</u>

· Issue #3 · mapswipe/mapswipe-web (github.com)

clear:

contribute guide images are not clear

on: you cannot press "save" icon - does that mean you need to finish swiping before ve next?

tions can be improved - the text "look for buildings" should be more prominent to user

e specific- Bad imagery - what would we classify as such? It would be useful to have es in the instructions

3:

Iter" by type of project "Find", "Validate", "Compare"

ng "select" to "contribute" like in the Tasking Manager

SM mapping tool is fully accessible via keyboard, no mouse needed. For mapswipe, it be nice if I could select each of the four options with the keyboard, so that it's faster cking e.g. 1. no 2. yes 3. maybe 4. bad imagery

etailed tutorial will be helpful

ups to test and give feedback). Official launch at State of the Map US

ich roadmap meets your needs?

ub.com/orgs/hotosm/projects/28/views/1

/orgs/hotosm/projects/23/views/3

ub.com/orgs/hotosm/projects/29/views/1

roadmap/_Tech roadmap: <u>Kanban · Field Mapping Tasking Manager (FMTM) (github.com)</u> /1205941208848078/1205941500703005

road idea

nable you execute all the steps fully in your project

n a developer perspective the Tasking Manager one looks great:

sm/projects/28/views/1

naps at HOT to follow, hard to keep an eye on everything.

use it? 2) Do I want to help with development?

or each product talk through 1) what it is for users 2) how to get involved as a

ng- Francis

6pm UTC

am, Shola, Daniel, Anuradha Rajanayake, Hamdha Banu, Sridevi Talluri, Miriam, (pongjanyi, Iman Seleman, Ogungbemi Ezekiel ya, Dusan, Ogungbemi Ezekiel Tobiloba, Ezéchiel, Dan Joseph, Katie

breaker

<u>ager (FMTM) | Humanitarian OpenStreetMap Team (hotosm.org)</u>

napping-tasking-manager Slack channel?

Tasking Manager? In the future there is thinking to do that and have that feedback. connect with <u>disaster ninja</u>? Currently no plans. Sam to follow-up. se studies yet on the use of FMTM? How are organisations using it? case studies

ping Tasking Manager (FMTM) (github.com)

map/strategic - simple way to describe for general audience . For example: <u>ODK</u> e)

Mentors now reviewing applications. Successful interns to be announced 1 May

entorship program: join our mentorship program and embark on a journey of growth, ly now https://buff.ly/3TM8knV



e action"

Group

ement"

f Focus

our goals.

eospatial Skills

ommunity Building Humanitarian Work

this opportunity to

achieve your goals?

entorship Program is s who are interested

reach their potential.

alog/645d6a07eb82fb767bb0c012/gis-for-climate-action/

g (below), SAR is still not so understand as optical imagery but I see a lot of potential ping: https://spectrum.ieee.org/synthetic-aperture-radar
tic Aperture Radar? | Earthdata (nasa.gov). SAR is from commercial providers and

used for mapping, particularly for Al-assisted mapping, which doesn't need to gery

nd end to end workflow focus.

10m resolution). <u>ALOS-1 - Earth Online (esa.int)</u>.

(20m resolution). Can be accessed via https://browser.dataspace.copernicus.eu/

nate action and geospatial tech [Petya - via Menti]

Cities | Humanitarian OpenStreetMap Team (hotosm.org)

<u>itial for Climate Change (geospatialworld.net)</u>

s on people and cities; we should concentrate on nature and what is happening there

ed areas in Amazon area: <u>Forest intervened and buildings - Acre (1) | MapSwipe</u> nostly focuses on buildings, also slum development in cities, .fAlr also focuses on

ethical data framework: what it is and how you can use it - Jessie

NG (to be added shortly)

ole and ethical data framework | Humanitarian OpenStreetMap Team (hotosm.org)
olect: Policies, quidance, tools, and resources for Data Protection in humanitarian

nean for volunteers and how do they fit in?

า + 6pm UTC

Reny, Antonio Laranjeira ((first time)), Hamdha banu, Martien, Dusan Zivkovic, a Zancheta, Afi, Eden, Cynthia (first time), Benjamin ((first time)) a (Egypt), Olushola (Nigeria), Joseph Kathukya (Kenya), Alberto Tejeda (Mexico), Paxxy Pro(Rwanda)

eaker

ry/women in tech that has inspired you

cs Index (hotosm.org)

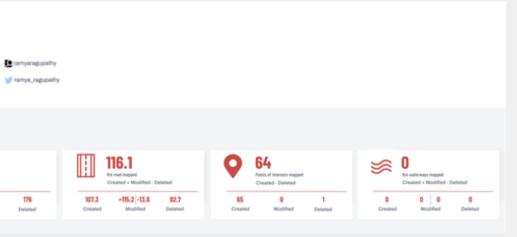
FMTM): read about beta release here: spwoodcock's diary | Revolutionizing Field enStreetMap . Feedback is welcome!

es are different from the usual tasking manager

luce people into OSM tagging?

testing with HOT's regional hubs is on-going- thanks to our volunteer Faiz for doing part in Omdena challenge: Enhancing Global Mapping Through AI: A Collaborative streetMap Team and Omdena | Projects | Omdena

nave all used the download function! Let us know :) HOT and Naxa team are meeting me Now Stats with newer data points



? Answer: with the next release.

lay to August 2024. Contribution period is taking place now! 2 projects: we have Sam

and Eden and Shola (previous Outreachy interns) as co-mentors

Github video launch (launched next Tuesday)

people to join and contribute to Github when they have no mapping/HOTOSM

achy from an organisation from African Women in GIS and I will be glad to join the

<u>www.d4d.net/state-of-open-data/chapters/sectors/development-humanitarian/v2/</u>

in about a month

ata ethics. Answer: Take a look at <u>Launching HOT's responsible and ethical data</u> reetMap Team (hotosm.org)

nity wishlist in one single place?

Any other examples that you know of?

s - Afi made a suggestion to add wishes under <u>HOT Docs Index (hotosm.org)</u>. Then

on for Wikimedia's Community Wishlist! - Diff

st to sit in? Github or another place?

ertkm) interested in contributing either front or backend! Petya to share a few rom Tasking Manager, fAIr, FMTM

osm/ui/issues

osm/ggis-templates-and-symbology-plugin/issues?

<u>isting tech debt? · hotosm/tasking-manager · Discussion #6264 (github.com)</u>

am + 6pm UTC

tij, Martien, Dusan, Eden,, Anuradha, Sam, Arnold, Ralph, Hamdha banu, Carol (first time h Kathukya, Omran, Ralph, Nadaraj Saranya, Arnold Nkwabong, Ogungbemi Ezekiel (first time a, Iman

e breaker

enter 51437503



rrunning a session on how to make your first contribution to open source on 10 Janating short videos on 26 Jan

e May-August 2024 round as well - if you are interested in becoming a mentor sion on intro to containers - huge thanks to Sam Woodcock for running this session KILLSHARE and SLIDES

mos: https://gitlab.com/spwoodcock/docker-demo/

Podcast - 218. Women in geo: the role of internships and mentorship

vork on HOT QGIS template issues <u>Issues ·</u>

<u>d-symbology-plugin (github.com)</u>. Highest priority: <u>Generic branded template for</u> #46 · hotosm/qgis-templates-and-symbology-plugin (github.com)

Tasking Manager developers who are always ready to listen and help to adapt the users.

ager - public beta version launch on 1st of March! <u>Field Mapping Tasking Manager</u> mmunity webinar in March)

elow

for Web - launch in spring. Testing next Tuesday. Go here and choose a ticket for ent: https://www.tickettailor.com/events/missingmapslondon/1068244

res & raw data API [short demo + hands on use of new features] - 10:00UTC

<u>sport.hotosm.org/osm/error</u> A: , It worked for him in incognito so if it is not working for sh on your page and it should work !

ccording to admin boundary? Type in search osm_id or you can use import

or download area? No limit to tasking manager exports,

people using? Geojson, SQL, geopackage

ck up new projects? If you create a new project, can you export the data within tely after it has been added.

of before and after mapping project dataset from export tool. A: We do not store, but lay and then go again in 10 days and save yourself.

n future to add functionality of downloading the data with respect to a specific osm

cumentation - 18:00 UTC Rob Savoye

https://docs.hotosm.org/

po: https://github.com/hotosm/techdoc

ve have volunteers/ suggestions for women in tech - highlight experiences, lighting

March onwards- any objections?

Tuesday 9 January 2024 - 10am + 6pm UTC

Attendees: Rania Ibrahim, Hamdha Banu, [from Telus International: Anton, Pernille, Vera, Linnea,] Jonathan Bartolo, Orkut Murat Yilmaz, Synne Olsen, Eden Oluigbo, Sam Woodcock,

Brazil Singh, Aprilia Nidia, Antidius Kawamala, Ralph, Anuradha, Ola, Ziyad, Victor Ademoyero, Charles

Martien, DK, Ogungbemi Ezekiel, Shyam, Joseph Kathukya, Ralph, Dan Joseph, Andres Gomez, Iman Seleman, Laban Kulubasi

a. Name, where you're joining us from & how cold/warm it is where you are:)

a. Slack community now 181 and mailing list - 245 🎉

b. <u>Feedback form</u> - received 17 responses. Thank you!

i. Average score on how likely people are to recommend - 8.6.

ii. Highlights include Tasking Manager, Underpass demo, AI sessions, learning about OSGeo, discussion with community



Improvements/ideas: focus on use case of tools/applications, testing, training newbies, hold in other languages

1. Specific to Tasking Manager - not being to track individual stats. How we develop that.

2. Session focused on MapSwipe

iii.

a.	Presentation from Synne & Telus International team - Copenhagen open
	volunteer sprint with Telus International & HOTOSM
i.	[summary] Open Volunteer Sprint 2023
1.	Questions/feedback: validation issues
2.	Interesting paper on semantic clustering: Example of
	syntactic and semantic clusters Download Scientific
	Diagram (researchgate.net)
3.	Want to get in touch? Contact Petya Kangalova
b.	Discussion: Have you facilitated one and would you like to share 1-2
	highlights/lessons learnt? How can we use a similar approach to facilitate
	innovative thinking? What would you need to do be able to do that?
18.	What is your experience working with imagery?
10.	What is your experience working with imagery.
a.	OgubgbemiMaxar was not available in JOSM, so using Bing
a.	OgubgbemiMaxar was not available in JOSM, so using Bing
a. i.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution
a. i.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar
a. i. b.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar imagery
a. i. b. c.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar imagery Joseph: project issues with validation as above
a. i. b. c. 19.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar imagery Joseph: project issues with validation as above DK- Meta thinking about integration Mapilary with rapid
a. i. b. c. 19. 20.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar imagery Joseph: project issues with validation as above DK- Meta thinking about integration Mapilary with rapid Planned sessions for 2024
a. i. b. c. 19. 20.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar imagery Joseph: project issues with validation as above DK- Meta thinking about integration Mapilary with rapid Planned sessions for 2024 9 Jan - open volunteer sprint (Synne and Telus International)
a. i. b. c. 19. 20.	OgubgbemiMaxar was not available in JOSM, so using Bing Bing and esri are not as high resolution Ralph: issues with projects and cannot validate them because of Maxar imagery Joseph: project issues with validation as above DK- Meta thinking about integration Mapilary with rapid Planned sessions for 2024 9 Jan - open volunteer sprint (Synne and Telus International) 13 February - HOTOSM streamlining developer documentation + Export

2023 Rolling notes

HOT Open Tech and Innovation Space: Rolling Doc 2023 -

Copy of 2023 Rolling notes

HOT Open Tech and Innovation Space: Rolling Doc 2023 -

Tab 7