



Project Proposal¹

Reporting details:	
Project title	Mapping buildings with access for people with disabilities in Suva and Labasa, Fiji
Name of Champion/s	Zoyha Nisha, Eka Diweti and Lanieta Rokotuiwakaya
Project Start date	01/06/2022
Project End date (3-6 month project)	01/10/2022
Target Budget (up to \$5000)	
Location (Region, Country, City/Municipality)	Fiji
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¹ Template is customized from [HOT ESA Grants Qualitative Report Template](#) and [Tools4Dev ConceptNote Template](#)

1. Background

Describe the nature of the social problem and data problem your project addressed; include who was / is being affected. Support with data when possible

The social problem our project aims to highlight is accessibility for people with disabilities. Often disability becomes a barrier to people and hinders their active participation in life and our project aims to look at the building and road facilities existing in Fiji to ascertain if they are disable friendly. In Fiji, about 10% of the population live with a disability or special abilities however, building make ups or infrastructure designs often do not consider the fact that these facilities are to be accessed by people from all walks of life including those living with disabilities. For instance, access to government services and health centers should be for everyone but in most cases, when a person living with disability visits such locations, they wonder whether these facilities are wheelchair accessible or disability friendly etc. Hence we will look at this issue from their point of view and conduct our research and ground work by liaising with relevant stakeholders like Fiji Disabled People Federations and progress further with their advice and assistance.

As for the data needs:

- *Building outlines are present in OSM and those missing will be digitized. We will update the tags on each building visited to mark it as disable friendly or not based on the accessibility at each building.*
- *GPS- record coordinates of ramp access, large doorways, handrails on stairs, space to turn a wheelchair, non-slippery floors and locations of health centres*

2. Target Results (Objectives)

- **Impact Area(s)**

Long-term, project aims to contribute to:

- ❖ Disasters and climate resilience
- ❖ Public Health
- ❖ Gender
- ❖ Sustainable cities and communities

- **Project Target Outcomes** (examples below)

By the end of the project, the project will achieve the following:

- ❖ mapping of all health centres and hospitals

- ❖ Point of interest for disabled people
- ❖ Highlight the inclusiveness of disabled persons when designing infrastructure

- **Project Target Outputs** (examples below)

By the end of the project, the project will deliver the following:

- ❖ *Disable friendly buildings and services mapped*
- ❖ *100% of Fijian Hospitals mapped and validated*
- ❖ *1 webmap produced*

3. Solution

Describe how the project contributes to solving the social problem/data problem. If possible, include the number of people expected to benefit from the project.

This project will benefit the local community as well as foreign visitors to the country who are disabled and would not be well aware on where to access relevant services. This project will cover the gaps of information sharing to the disabled community so they are also aware of buildings and travel routes that best support their needs as the webmap produced from this project will be made available to the general public. Any person should be able to access the webmap and acquire appropriate information from it. The OSM tags that will be updated through this project are also aimed to assist people when they search for services in accordance with their needs. It should also be kept in mind that the main expected outcome here is to lessen the burden on disabled people by empowering them and informing them of the state of infrastructures at certain locations they plan on visiting.

4. Data Use

Describe how the data you generate is intended to be used. How will the data that you collect change / influence the data user's work?

The data will help people plan outings and make them aware of what to expect on ground. For example, the disable friendly services in a public park will tell people to bring their disabled family and friends to spend time as the washroom, ramp and handrails will assist the disabled person when they need it. it will also give them a sense of independence and enable them to enjoy normal routines. Presently, our disability friendly infrastructures are not well mapped, as a result members of the community are not well informed on localities that are able to accommodate people living with special needs/disability. With such a project, we plan to significantly close this information gap and further empower people with the information that will be made available through the implementation of this project.

5. Activities

Activity Title	Activity Type	Activity Dates	Target Participants (if relevant)
<i>How to use OSM training for volunteers</i>	<i>Training</i>	<i>10-11 July 2022</i>	<i>10 (interested women and men)</i>
<i>Mapping</i>	<i>Main activity</i>	<i>12-30 July 2022</i>	<i>Group members & project partners</i>
<i>Collating Data</i>	<i>Analysis</i>	<i>4th- 30th August</i>	<i>Group members & project partners</i>
<i>Creating web map</i>	<i>Material development</i>	<i>5-16th September</i>	<i>Group members & project partners</i>
Wrap up and Reporting	Reporting	19th- 23rd September	our team wrap up and reporting
Final Submission	Reporting	26th-30th September	Submission

Activity Type: Training, Mapping, Material Development, Others

6. People & Partners

List partners, their roles and contact details.

Partner - Government

- Ministry of Health & Medical Services

The Fiji Islands are a republic comprising over 330 islands, covering more than 18,000 square kilometers. The nature of this geography poses significant challenges for the delivery of health services to a population that is dispersed over such a large maritime region.

The Ministry of Health services all of Fiji under the 4 main Divisions and 21 sub-divisions including Rotuma. The Ministry of Health operates with divisional and sub-divisional departments of the Ministry of Health. Contact Details: +679 3319045

<https://www.health.gov.fj/contact-us/>

Partner - NGO

- Fiji Disabled People's Federation:

The FDPF is an organisation established by persons with disabilities for persons with disabilities within Fijian communities. The association is one that has been advocating and continues to give a voice to people living with disabilities in Fiji. As such, their role in this project is paramount, their assistance in mapping out points of interests, buildings and infrastructures within a subject locality is highly necessary.

Contact Details: +679 867 9687, fdpfoffice@fdpf.org

- The Pacific Disability Forum

They are a constituency of 71 organisations of & for persons with disabilities and individual members representing diverse groups of persons with disabilities and their supporters in 22 Pacific Island countries and territories. Their Dream is an inclusive Pacific society where all human rights of all persons with disabilities are realized for an inclusive Pacific 2030.

Contact Details: +679 7730200, infor@pacificdisability.org

Partner - OSM Community

- Open Street Map Team, Fiji

A local open street mapping volunteer group that is intent on encouraging and promoting community mapping in Fiji and the South Pacific region by using open source geospatial tools including OpenStreetMap. Open Street Map Fiji's role is to drive mapping of subject localities as per project's proposed areas of interest. Because the volunteer group is already well versed with the use of OpenStreetMap tools, their involvement in the project is imperative.

Contact Details: @OSMFij on Twitter, @osmfiji on IG, laniroko12@gmail.com

7. Sustainability

Briefly describe how the project benefits will be sustained after HOT support ends. How will the lessons learned be shared in the community? How will the benefits be expanded?

This project will be sustained by the Fiji Disabled People Federations as they will be more interested to update information to assist people with disabilities in the future. The lessons will be shared via OSM Fiji map and chat hour sessions and relayed to other OSM members within the region. The country will also benefit from this project by having its first web map to show locations that are disability friendly.

8. Relevance

Relevance in relation to the three points listed in 'The Purpose' section

This project will be a starting point to add services on map for disabled people. It is one of the first to focus on the disabled community and bring about inclusiveness. This project will stir interest in a disabled person to assist others in using OSM data to access information on where disability friendly infrastructure is. It may also continue in the future as the disabled associations can map various localities by and amongst themselves and raise their collective voice on how inclusive our infrastructure is for disabled communities.

Relevance to this 3 points:

1. The project should contribute to the growth of the OSM movement in the region as well as your growth as a leader in the OSM movement.
2. The project(s) should be related to:
 - a. Working with local communities in addressing their challenges or advancing their goals through OSM data and tools

- b. Engagement or training sessions or immersion that increase map data or access to map data
 - c. Mapping activities that contribute to the improvement of lives in your community or contribute to the betterment of your field
3. Projects with a potential for replication, scale-up and sustainability merits in the selection process

Annex 1: Project Timeline (Gantt Chart)

[Link to Google Sheet](#) (make a copy)

Annex 2: Budget

Item	What do you plan to spend the money on?	Unit being purchased (how many?)	Quantity Description	Rate	Rate Description	Total cost for budget item (USD)	Why is it needed? (please give as much detail as possible)
1	Program and Activity Costs						
	<i>Reflective vests</i>	<i>10</i>	<i>piece</i>	<i>\$3</i>	<i>USD</i>	<i>\$30</i>	<i>Vests for traveling around the community during mapping</i>
	<i>Refreshments</i>	<i>3</i>	<i>times</i>	<i>\$50</i>	<i>USD</i>	<i>\$150</i>	<i>Refreshment for volunteers during our 3 mapathons that we plan to host</i>
	<i>Volunteer Stipend</i>	<i>10 ppl X 3</i>	<i>times</i>	<i>\$10</i>	<i>USD</i>	<i>\$300</i>	<i>Volunteer Stipend during our 3 mapathons that we plan to host</i>
	<i>Travel Grants</i>	<i>10 ppl X 3</i>	<i>times</i>	<i>\$10</i>	<i>USD</i>	<i>\$300</i>	<i>Travel grants during our 3 mapathons that we plan to host</i>
2	Equipment, Online and Digital Costs						
ex	<i>Tablets</i>	<i>2</i>	<i>piece</i>	<i>\$100</i>	<i>USD</i>	<i>\$200</i>	<i>Tablet units to collect and verify mapped buildings during field validation</i>
3	Prizes and Swag, Tokens for Speakers						
	<i>T-shirts</i>	<i>20</i>	<i>piece</i>	<i>\$10</i>	<i>USD</i>	<i>\$200</i>	<i>Swag and Prizes for volunteers</i>
4	Administrative & Overhead Costs						

ex	<i>Internet connection</i>	3	<i>months</i>	\$50	<i>USD</i>	\$150	<i>Internet connection for team to upload project data</i>