



Bus

Friendly



UPI YOUTHMAPPERS



Humanitarian
OpenStreetMap
Team


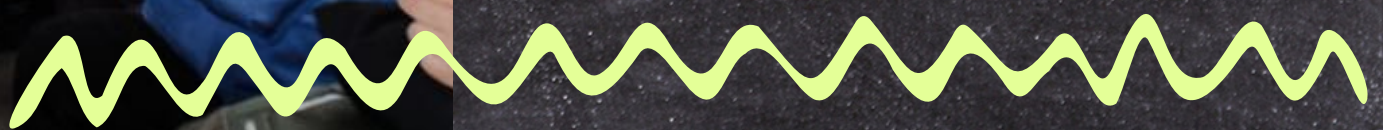


Open Knowledge
Foundation



Project overview Bus Friendly

"Bus-friendly: Mapping participation guiding blocks & halt for equality of public transportation users and engage disabled voices"





Goals



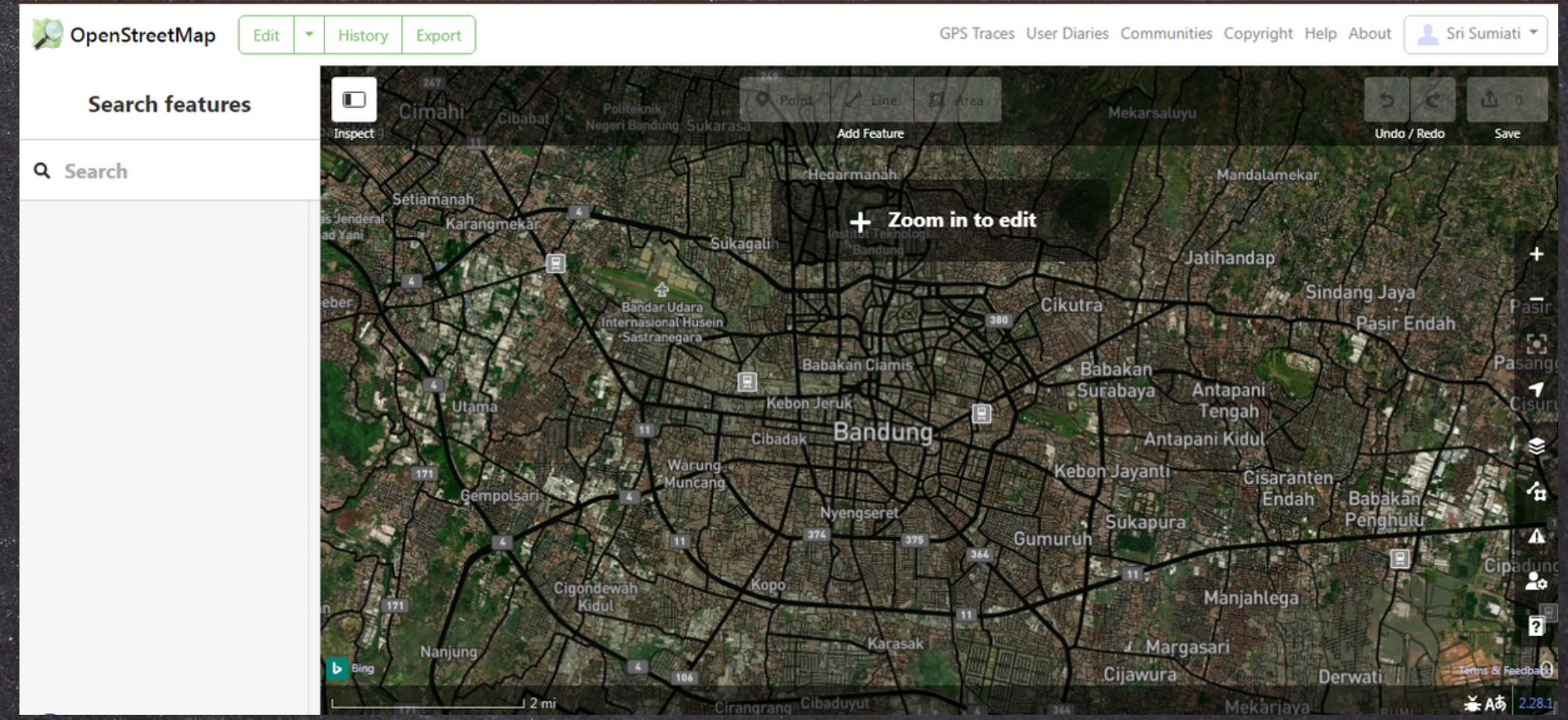
Mapping the condition of the Non-BRT Trans Metro Pasundan halt in terms of accessibility for people with disabilities and marginalized people (SDGs 11 & 10) using OSM

introduce open data using open mapping experience

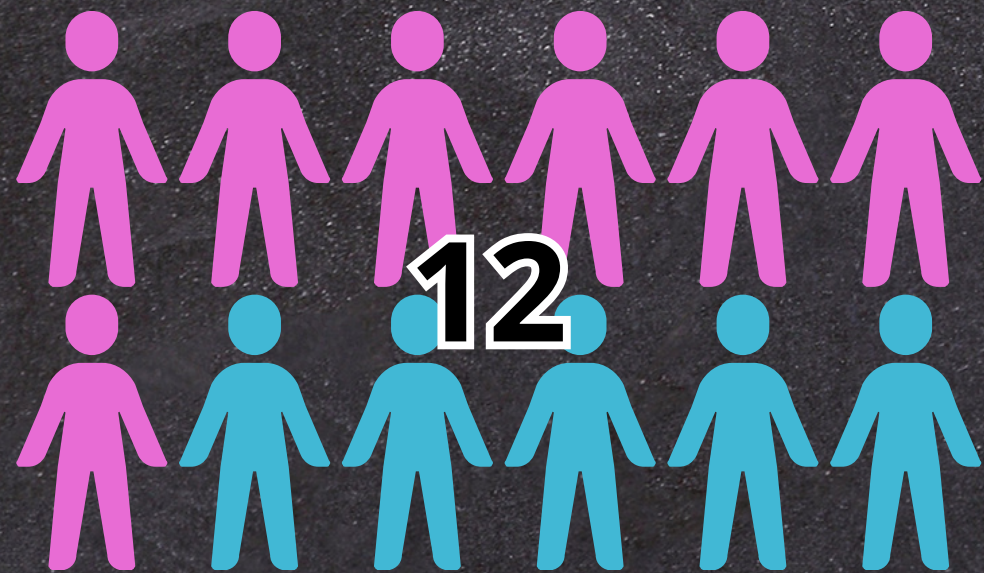
introducing the iD Editor and Wikidata tools for editing Tags



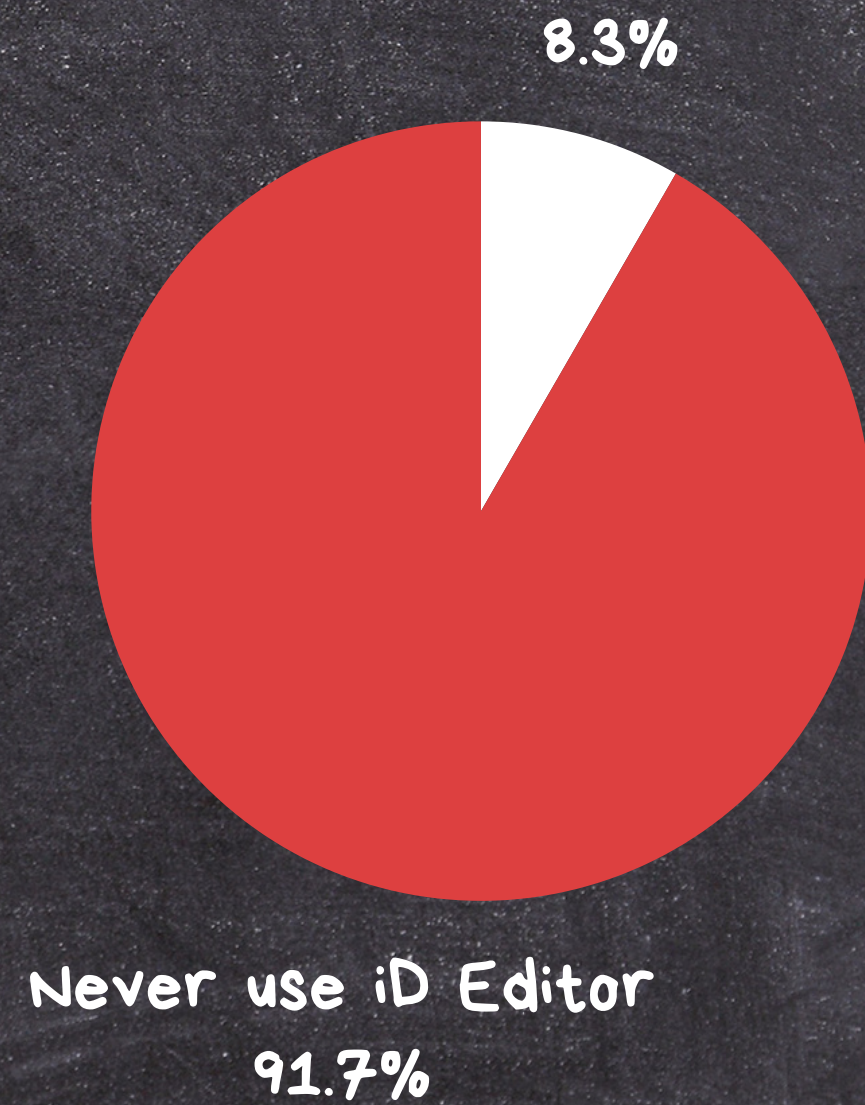
Trans Metro Pasundan Route Corridor 4



Participans



* Woman have big impact in this project



They've heard of OSM / Wikidata but have never edit a POI using iD Editor

Never use iD Editor
91.7%

Agenda Description


1

First day is introducing OpenStreetmap-ID Editor, BRT and disability needs in public transport (Dilans community).

2

The second day, carried out field survey to take POIs (Corridor 4) using the OSM Mobile application.

3

Day 3 contains field data processing using ID Editor.

Tools



iD Editor = for edit poi of Bus Stops



WIKIMEDIA
INDONESIA

= for add image link Wikimedia from field survey



Process in OSM



Tags for Disabilities

Guide Path

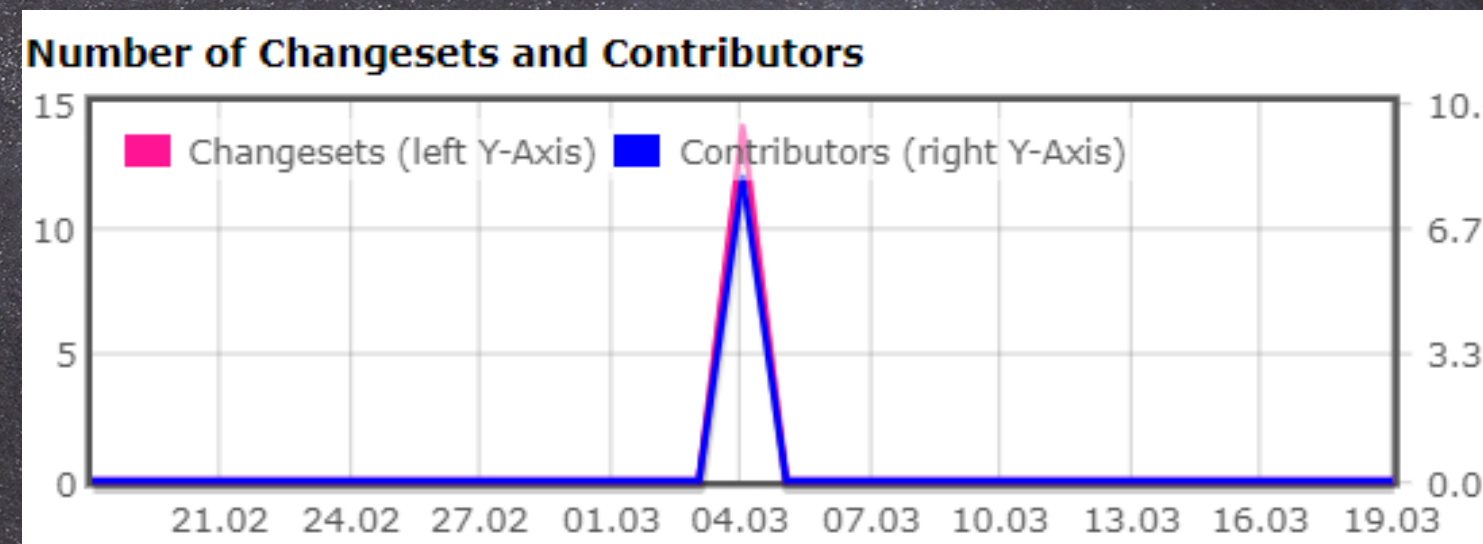
Key	Values	Information
Highway	Pedestarian	
Tactile_paving	Yes/No	Yes If there is a bus stop there is a ramp
Condition	Fair/good/mode rate/bad	

Bus Stop



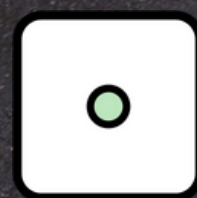
Key	Values	Information
wheelchair	Yes/No	Yes jika di halte ada ramp/lift
ramp	Yes/No	Yes jika di halte ada rampt
tactile_paving	Yes/No	Yes jika di halte ada tactile_paving

Result



= 8

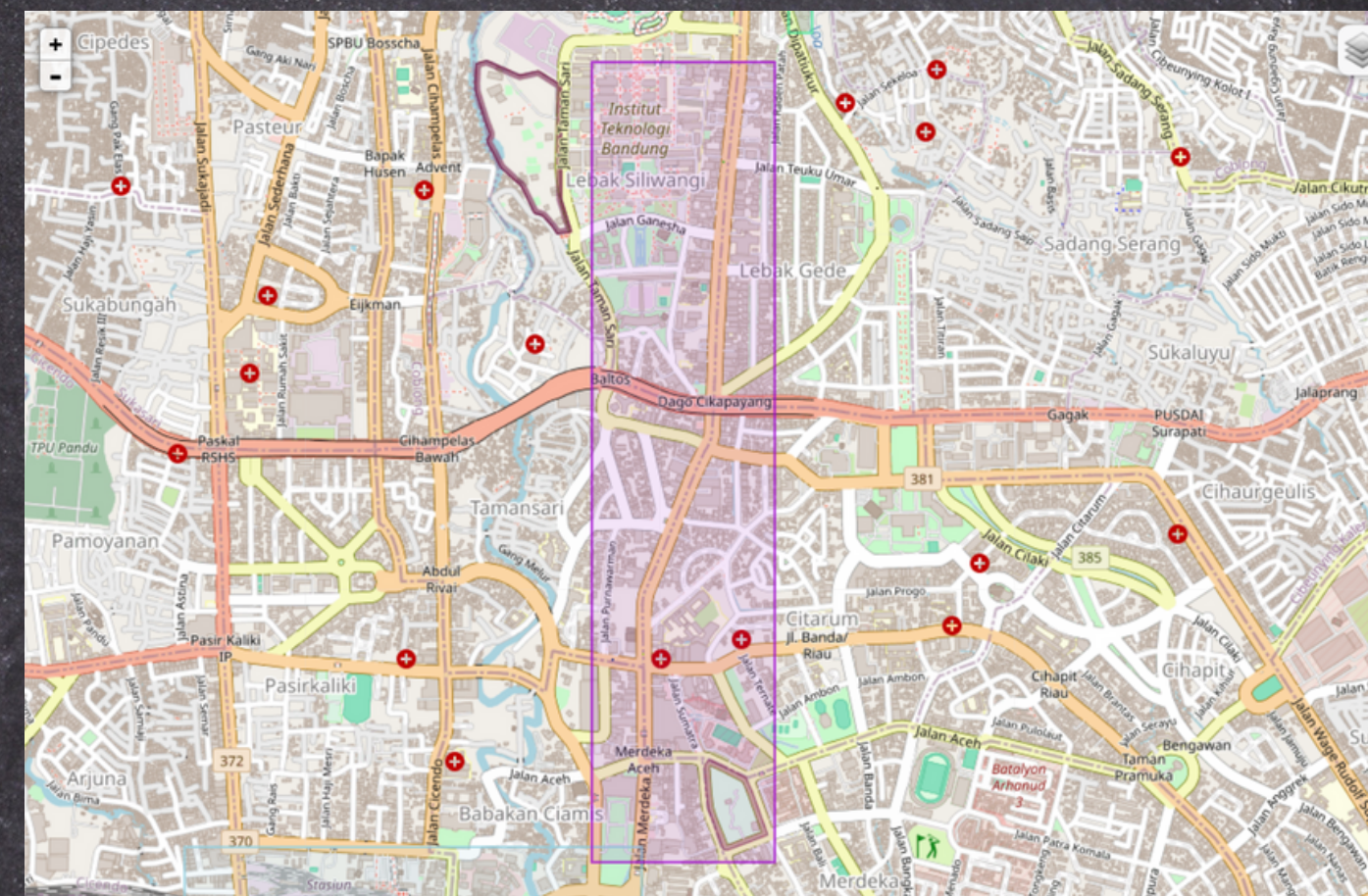
OSM Contributors

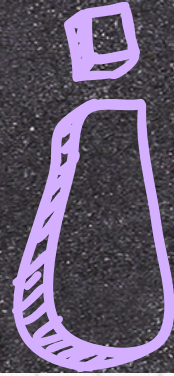


= 10 (Modify)

Node (Bus Stop)

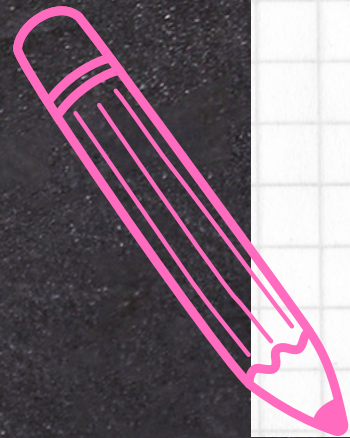
Total Changesets = 14





Conclusion

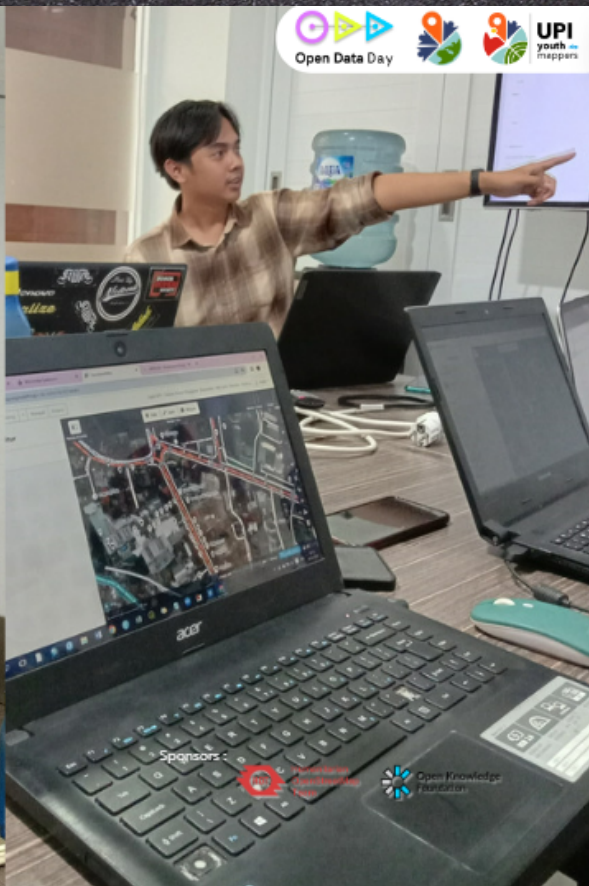
From a number of Trans Metro Pasundan bus stop points, it was found that the stops were dominated by conditions that were less than disability friendly, such as lack of complete facilities and infrastructure. However, there are bus stops that are friendly for disabled users





Activity documentation

DAY 1



Activity documentation

DAY 2



poor



Field survey to assessment halt and tactile paving in Bandung

Sponsors :



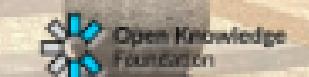
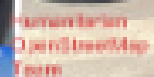
good



Very Bad



good



Activity documentation



DAY 3

Open Data Day UPI youth mappers

Processing and entering field data into OSM using iD Editor

Sponsors :

MENGENAI OSM INI, SAYA MENDAPAT INSIGHT BARU TERKAIT PEMANFAATAN OSM INI YANG TERNYATA TIDAK HANYA UNTUK MENDAPATKAN DATA SAJA MELAINKAN JUGA TURUT SERTA MENGINPUT DATA. UNTUK PROSESNYA PUN TERNYATA TIDAK SESULIT YANG DIBAYANGKAN. KITA HANYA MEMERLUKAN INFORMASI UMUM TERKAIT OBJEK YANG AKAN DI PETAKAN, SEPERTI PARAMETER KESESUAIAN, ALAMAT, KOORDINAT, DSB.

REGARDING OSM, I GOT NEW INSIGHTS ABOUT THE USE OF OSM. IT TURNS OUT THAT OSM IS NOT ONLY FOR EXPORTING DATA, BUT CAN ALSO INPUT DATA. THE PROCESS IS EASY, NOT AS DIFFICULT AS I IMAGINED. WE ONLY NEED GENERAL INFORMATION ABOUT THE OBJECT TO BE MAPPED, SUCH AS SUITABILITY PARAMETERS, ADDRESS, COORDINATES, ETC.

-Participant

THANK
YOU



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