Connecting the dots: People, Data, and Technology

Presented by
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Once upon a time...
Humble beginnings

- Founded officially in 2013
- Advance the OpenMapping movement
- Aspiration to use ICT to solve the ground problems
- Spirit of open data and open mapping
Our passion and expertise

- CIVC INNOVATION AND TECH
- OPEN SOURCE DATA AND SOFTWARE
- RESEARCH
- COMMUNITY BUILDING
- OPENSTREETMAP
Losing our homes: Nepal Earthquake 2015

- Deployment of QuakeMap
- Coordinated over 9,000 OSM mappers all over the world
- Technical support to Nepal Government in a mobile-based survey of EQ affected districts training 3000 engineers - 1.05 million buildings, 5.5 million people, 10TB data
Being resilient and strong

- Disaster resiliency and emergency preparedness in the secondary cities
- Capacity building in digital mapping to local and regional communities
Recent activities

Cities' COVID Mitigation and Mapping (C2M2)

- Kathmandu: Using geospatial tools and techniques to help revive the tourism sector
- Ulaanbaatar: Helping Public Lab Mongolia to develop a health portal
Recent activities

- Mapping Afghanistan (14 cities, 1.2 million buildings, 10 million HH, 25 mappers, 4 validators) and Pakistan
- Strengthening and growing OSM Nepal community
- Recurring Weekly Mapping Hour every Wednesday
Passion which mostly drives us

- Improving data and increasing the use of OSM
- Helping build and grow the OSM community
- Contribute to the OSM ecosystem through development of open source tools
OSM Before-after tool

Generate before-after maps with ease
Before-after maps are a good way to get an insight of mapping activity over time.
But why the before-after tool? What's the need?
Normally, generating before-after maps is...

- A manual process
- Requires some technical skills
- Requires time and effort
- Not all have such technical capacity
OSM Before-after tool

Aims to make this process easier and accessible for all.
Demo of the tool: https://beforeafter.baato.io/
An example of generated before-after maps for Pokhara, Nepal: [Link to an example]
Enthusiastic response from the community
Current state and future plans for this tool

- Created using pre-existing open-source initiatives
- Under beta release
- Eagerly seeking feedback for improvement
Strengthen the connection of the three dots in OSM ecosystem
Thank you!

You can reach out to me/us at:

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