

Mapping Rákospalota professionally

Author: [ottwiz](#)

The presentation can be shared under
[CC BY-SA 4.0 license](#).

Preface

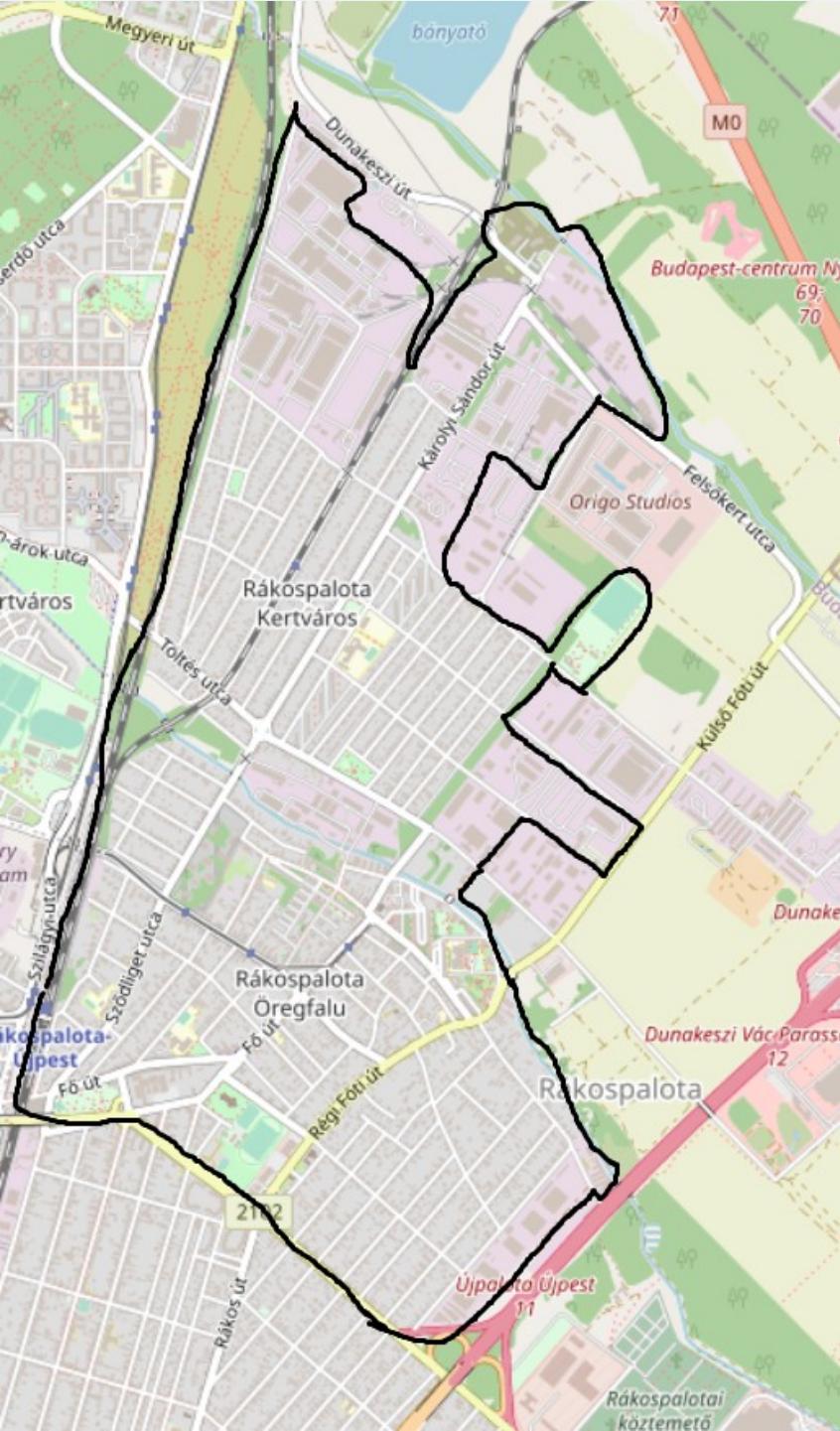
- COVID → no university, so I have to complete the Physical Training I (PE) subject online (via Strava app)
- At least 5 km(3.1 mi) trips, 15 km(9.3 mi)/week requirement: 100 km(62 mi) in this semester (or I could go 200 km by bike but I can't ride a bicycle as good as a normal person :))
- Because I don't want to get bored, let me have an own project → OSM!



Routes, which I take (some of them)



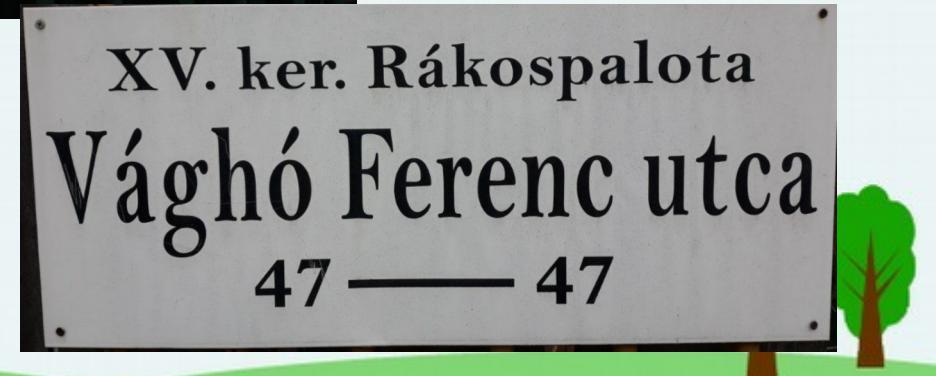
The area I explored either by walking or either by bus



Mapping methods



Writing down
the
interpolations
from these
signs into my
phone



Problems...

- Nowadays pipeline is getting reconstructed near Szilas Stream, making my work harder when mapping Közvágóhíd utca (street). I need to dodge the holes in the sidewalk.



Közvágóhíd tér(square) after refurbishing... It didn't have this circle in the middle before.



Older images of the square:
<https://mapio.net/s/61935696/>



Mapping methods



- I put the interpolation first into OSM



Mapping methods

[Area list](#) | [Missing house numbers](#) | [Update from OSM](#) | [Update from reference](#) | [Existing house numbers](#) | [Existing streets](#) | [Overpass turbo](#) | [Area boundary](#)

OpenStreetMap is possibly missing the below 1075 house numbers for 36 streets. (existing: 458, ready: 29.88%).

[Filter incorrect information](#).

[Overpass turbo query for the below streets](#)

[Plain text format](#)

[Checklist format](#)

Then I go to [OSM Gimmis](#) (an address reference) to look after missing addresses

Street name	Missing count	House numbers
Veresegyházi utca	133	1/B, 3, 5, 7, 9, 11, 13, 15, 17, 21, 23, 25-27, 29, 29/A, 31, 33, 35, 37, 39, 41, 43, 45, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 75/A, 75/B, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127 2, 4, 6, 6/A, 6/B, 8, 10, 10/A, 10/B, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42/B, 44, 44/A, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 68-70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 92/A, 92/B, 94, 96, 98, 100, 102, 104, 106, 106/A, 106/B, 108, 110, 112, 114, 116, 118, 120, 122
Csomád utca	112	1, 3, 5, 5/A, 5/B, 7, 7/A, 9, 9/A, 9/B, 11, 13, 15, 15/A, 15/B, 15/D, 17, 19, 19/B, 21, 23, 23/A, 23/B, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49/A, 49/B, 51/A, 51/B, 53, 55, 57, 59, 59/A, 61, 63, 63/A, 63/B, 65, 67, 69, 71, 73, 75, 77, 79, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113 6, 6/B, 8, 10, 12, 14, 14/A, 16, 16/A, 18, 20, 22, 22/B, 24, 26, 26/B, 28, 30, 32, 34, 34/A, 36, 38, 40, 42, 44, 44/A, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 68/A, 70
Kemény István utca	106	1, 1/A, 3, 3/A, 5, 5/B, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41/A, 41/B, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93/A, 93/B, 95 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 48/A, 50, 50/A, 50/B, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104
Károlyi Sándor út	77	47/B, 49/9, 99/A, 109/B, 113/3, 113/A, 113/I, 117-119, 119-121, 121, 139-141 42/A, 46/A, 50, 52, 54, 56, 58, 58/B, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 86/A, 88, 90, 92/A, 92/B, 92/C, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 132/A, 132/B, 134, 136, 138, 140, 142, 144, 146, 148, 150, 154/A, 154/C, 156, 160, 162, 164, 166
Benkő István utca	72	3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 83/A, 85 4, 6, 8, 10, 12, 14, 16, 16/A, 20, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76



Mapping methods

- I collect those addresses from Gimmisn which are /A /B (so which are weird (eg. 13/B))
- If I see in Gimmisn that there is no /A /B, then I just put all the addresses.
- In **Rákospalota Kertváros** it's easy, because there is barely /A /B etc., maybe in some streets (it's constructed in a lattice)
- **Rákospalota Öregfalu** is full of divided plots
- If there is /A /B on the spot, I record it into my phone, and if I see something odd, then I also write it down.



Putting addresses properly

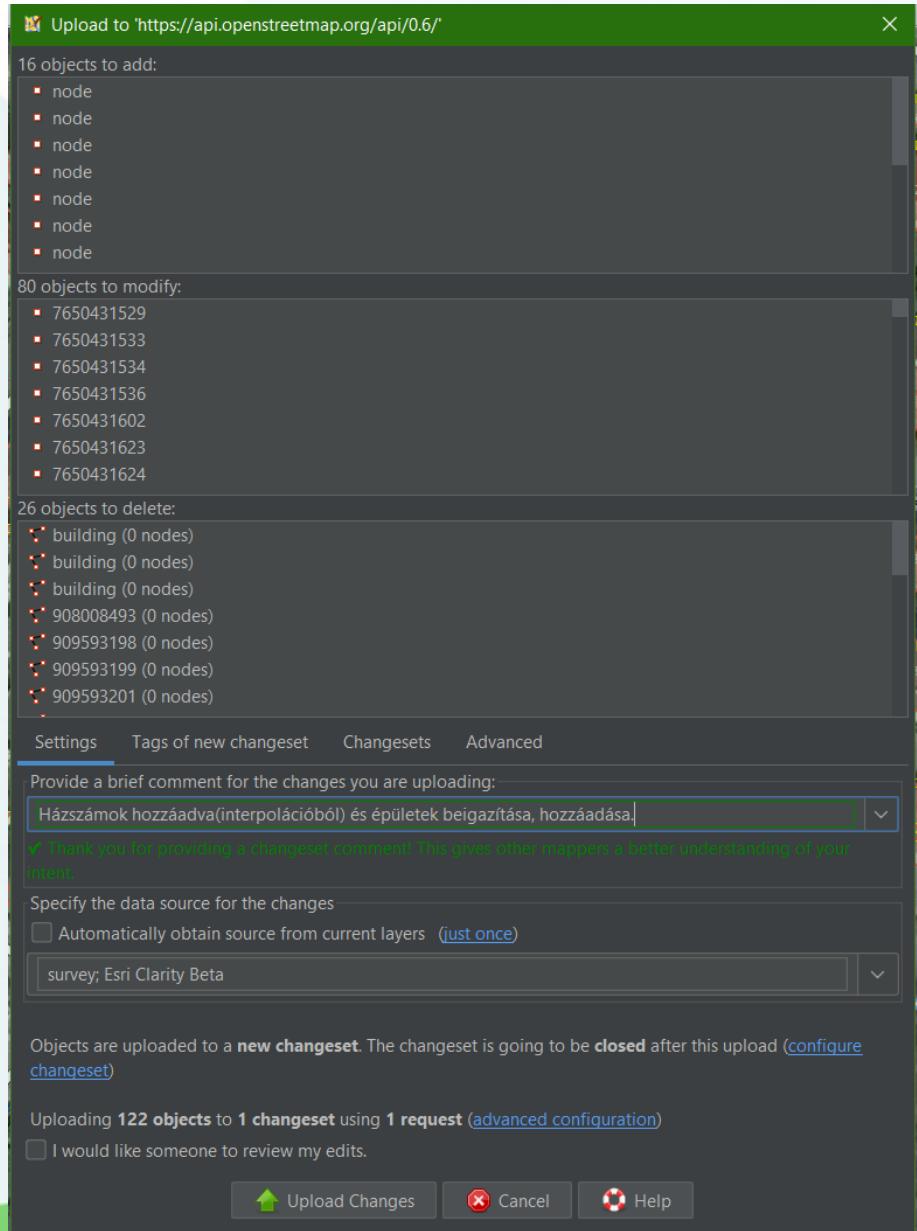
The image shows an aerial satellite view of a residential street. Buildings are outlined in red and numbered. A street is labeled "Szőcs Bertalan utca". To the right is a screenshot of a map editor interface titled "Annotation/Address ...". The interface displays the following address details:

Key	Value
addr:city	Budapest
addr:housenumber	19
addr:postcode	1151
addr:street	Szőcs Bertalan utca
building	yes

Below the table are buttons for "+ Add", "Edit", and "Delete".



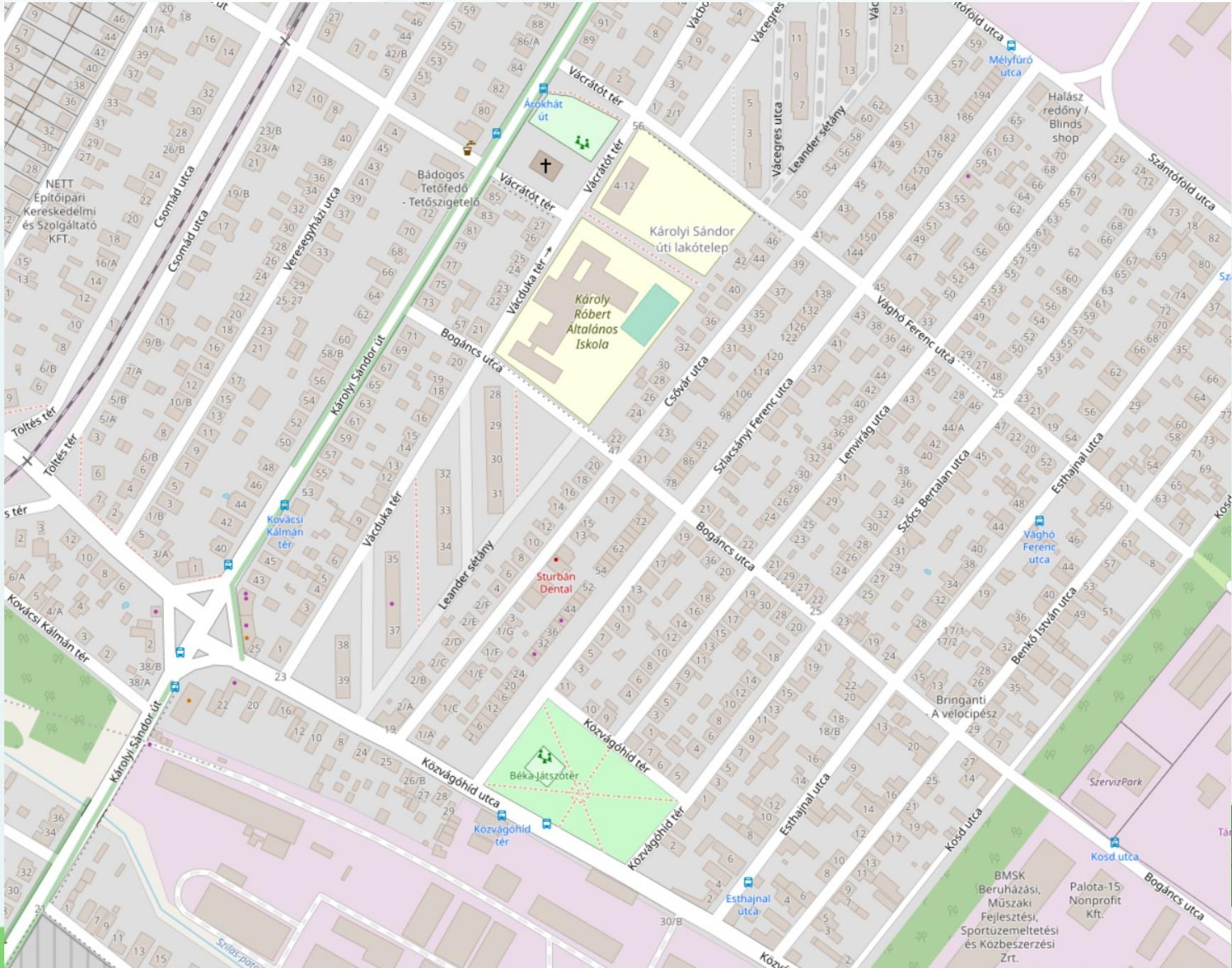
And finalizing the changeset



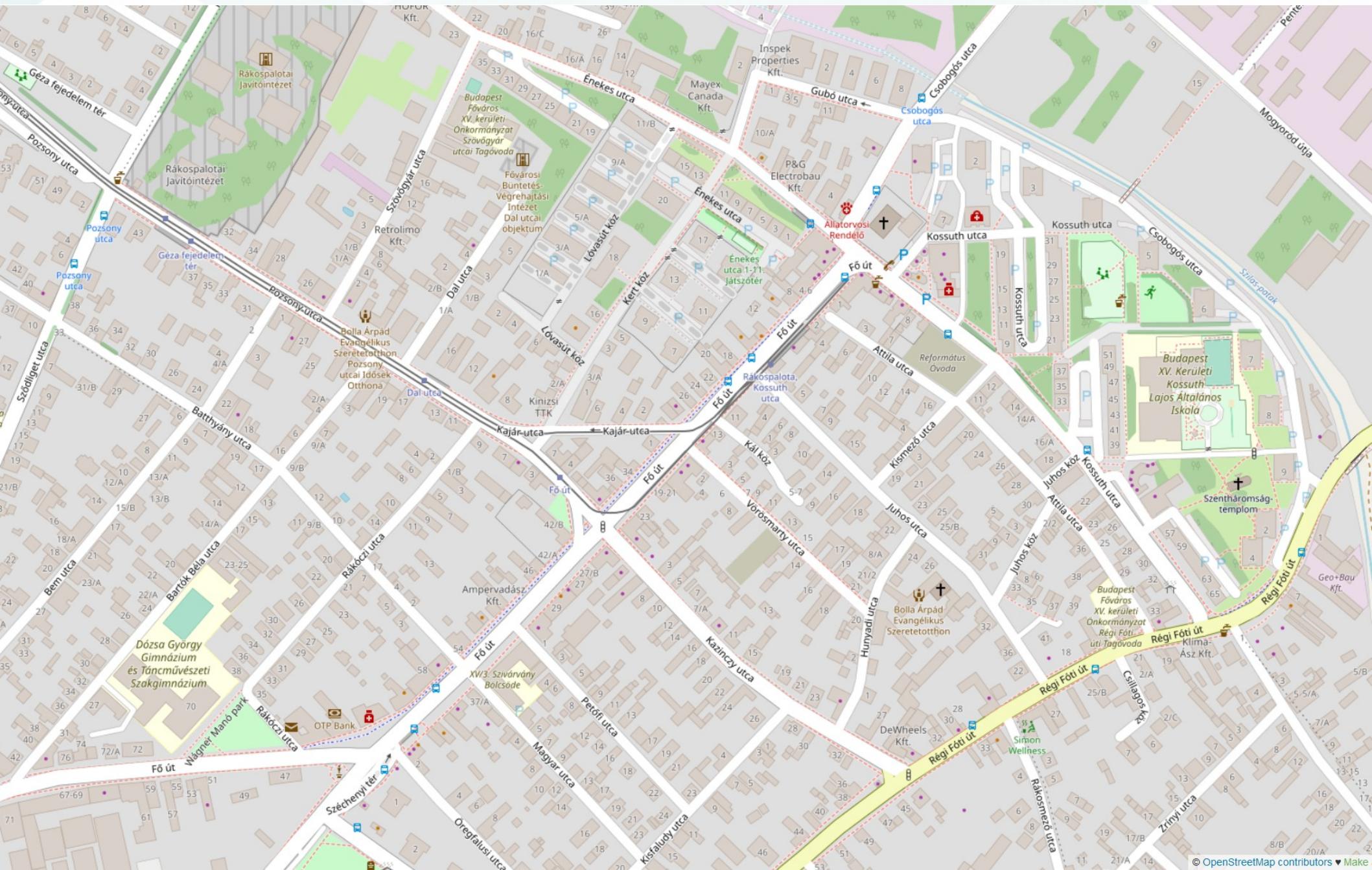
- In the changeset comment I write what I did.
- Sources: survey – important, because lot of mappers question you how did you get the information. Here I added what imagery I worked from, because I aligned buildings.

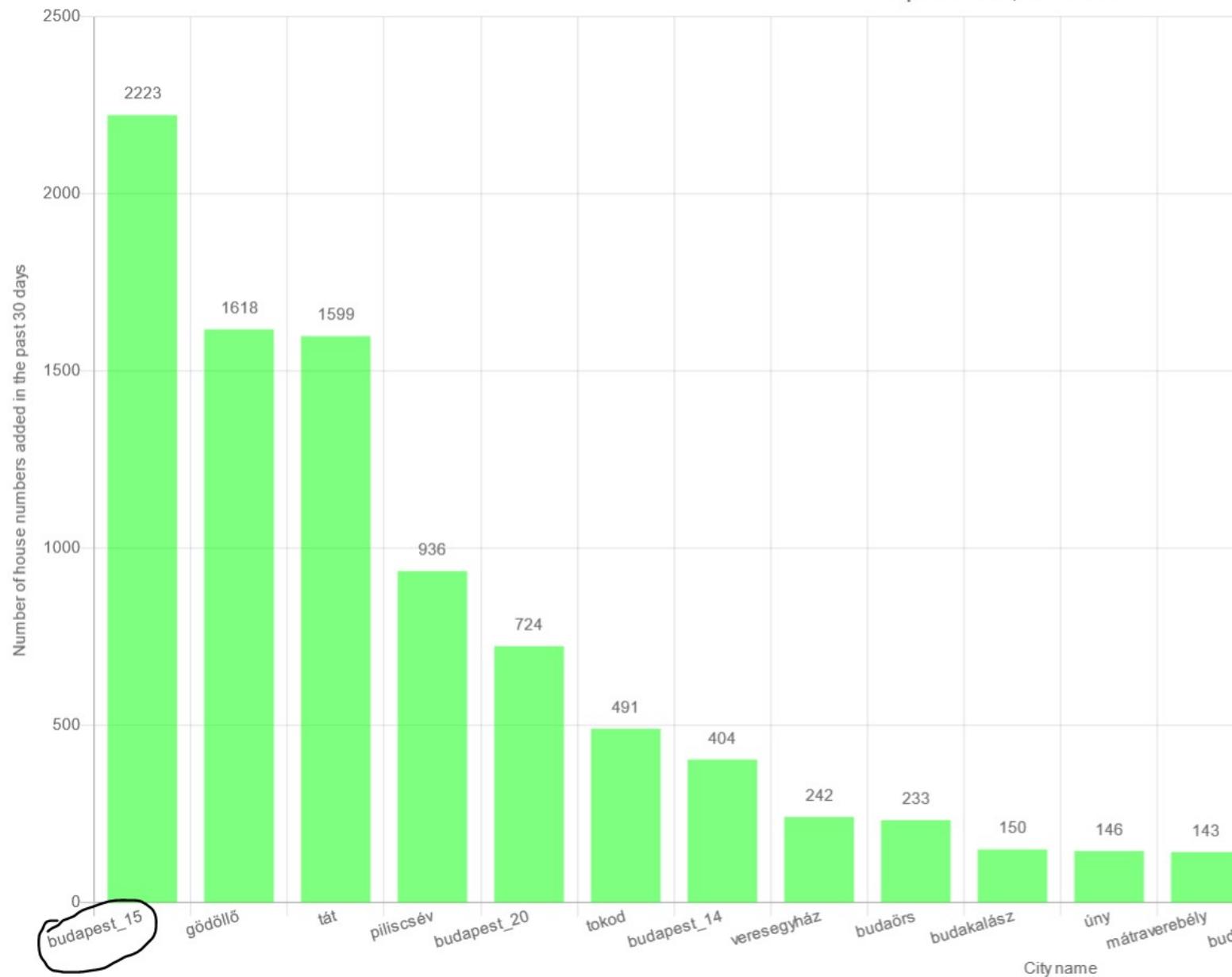


Final Result



Final result





Source:

<https://osm-gimmisn.vmiklos.hu/osm/housenumber-stats/hungary/>

+ Extra: Result of surveying the industrial area of Rákospalota

- I couldn't write down everything, but I recorded a lot to OSM by either internet research (+ knowledge) or surveying locally by bus



Benei, Bogáncs utca 3.
(it makes cookies)



Workers' hostel, at the corner of
Károlyi Sándor út and Felsőkert
utca



End station of bus line 125,
Recycling center (Károlyi Sándor
út 166.)





And some other companies...





**Thank you for your attention!
Any questions?**