

TOWN MAP OF NOISE LAPPEENRANTA

BASIC GEOGRAPHICAL INFORMATION

The total area of Lappeenranta is 1,723.56 square kilometres. Parts of the area are urban, some parts rural; the average density of population is about 51 people per square kilometre.

As the population density is fairly low, Lappeenranta has, on the whole, considerably lower noise levels than bigger cities in Finland.

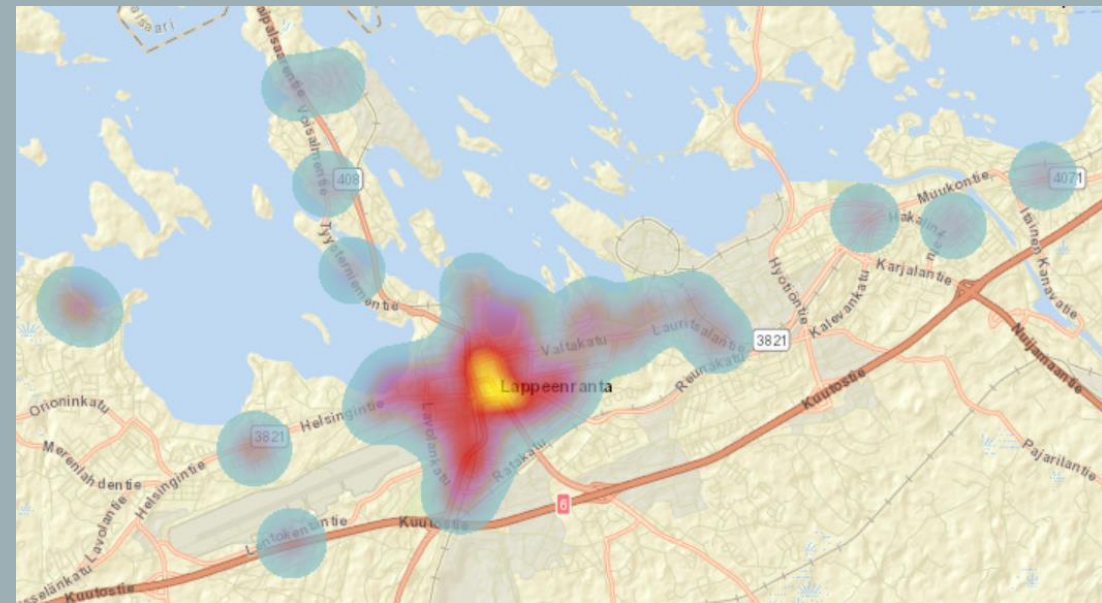


Data points are collected around the city, mainly in the city center. Lappeenranta is a broad city and not very densely populated. Most of the residents live in the vicinity of the city center which is effectively seen in the heat map as the noise level is highest at the ultimate center where most of the services are located.

The data was gathered with Epicollect5 Data Collection –application and noise measurements were made with Decibel X –application. ArcGIS online was used to create the presentation of the data.



ArcGIS®



[HTTP://ARCG.IS/0J1UE8](http://ARCG.IS/0J1UE8)

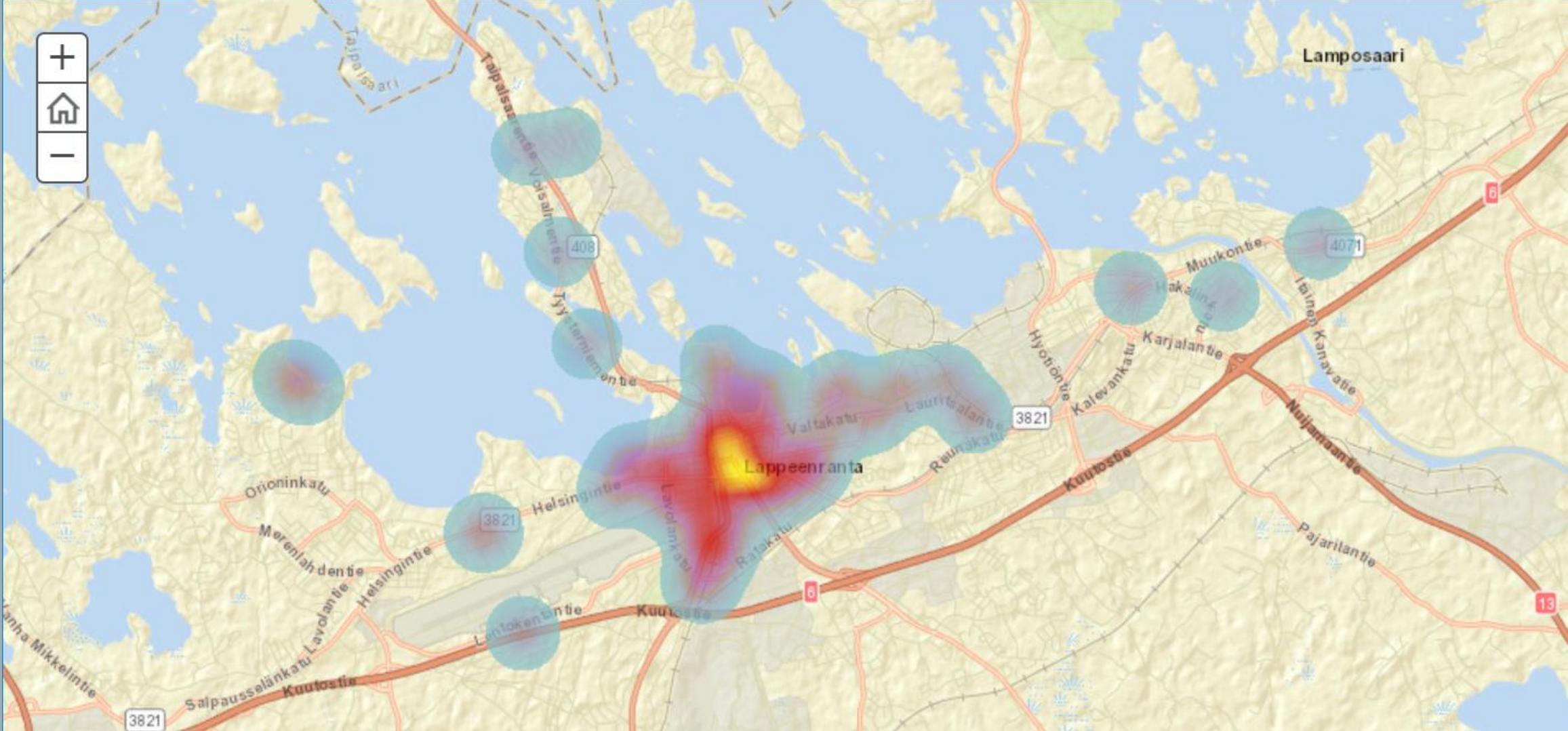
Heat map of the average noise values found behind this link.

heat map Lappeenranta

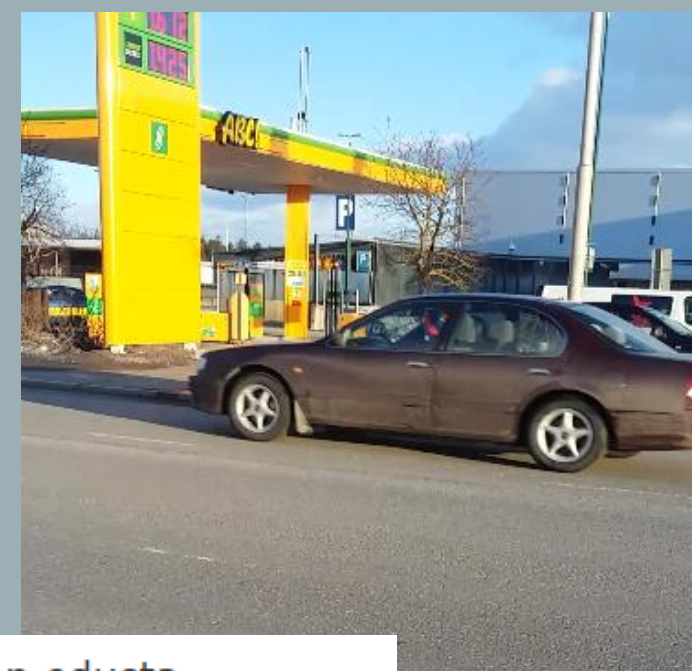
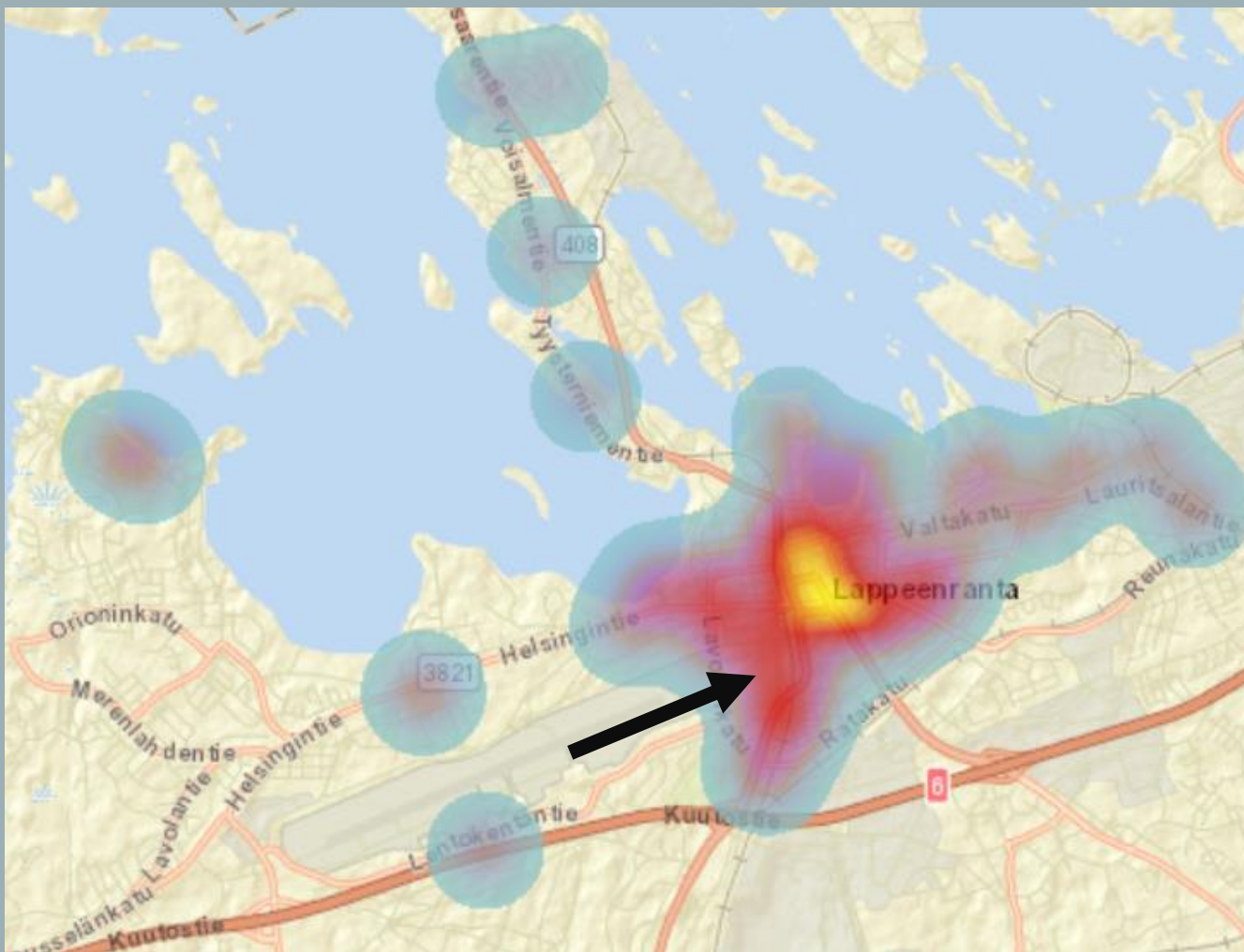
Yellow: intense noise
Blue/grey: Quiet

heat map Lappeenranta

heat map Lappeenranta



HIGH NOISE VALUE



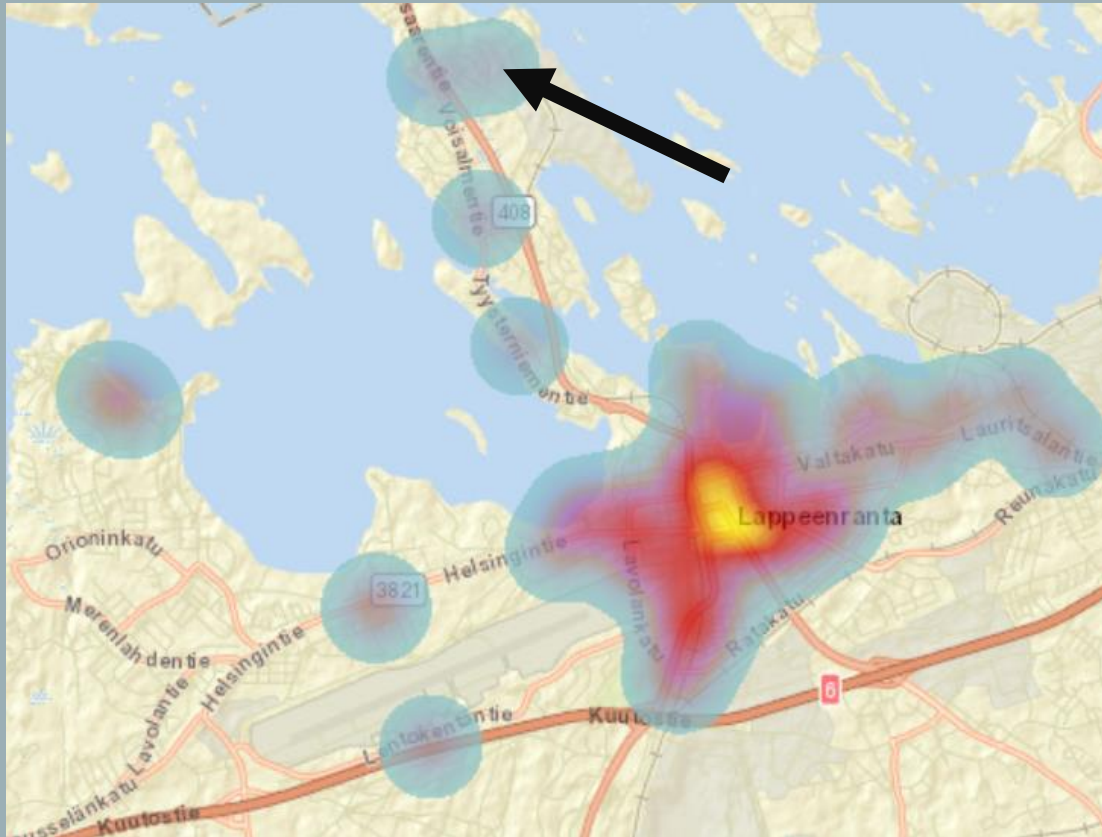
4_Anna_mit Prisman edusta

5_Keskiarv 87

6_Kuvaile_ Autotie vieress?x. Kova tuuli

- Intersection of roads
- A lot of traffic
- In front of a supermarket
- Average noise value: 87 dB

LOW NOISE VALUES



4_Anna_mit Piiluvankatu

5_Keskiarv 37

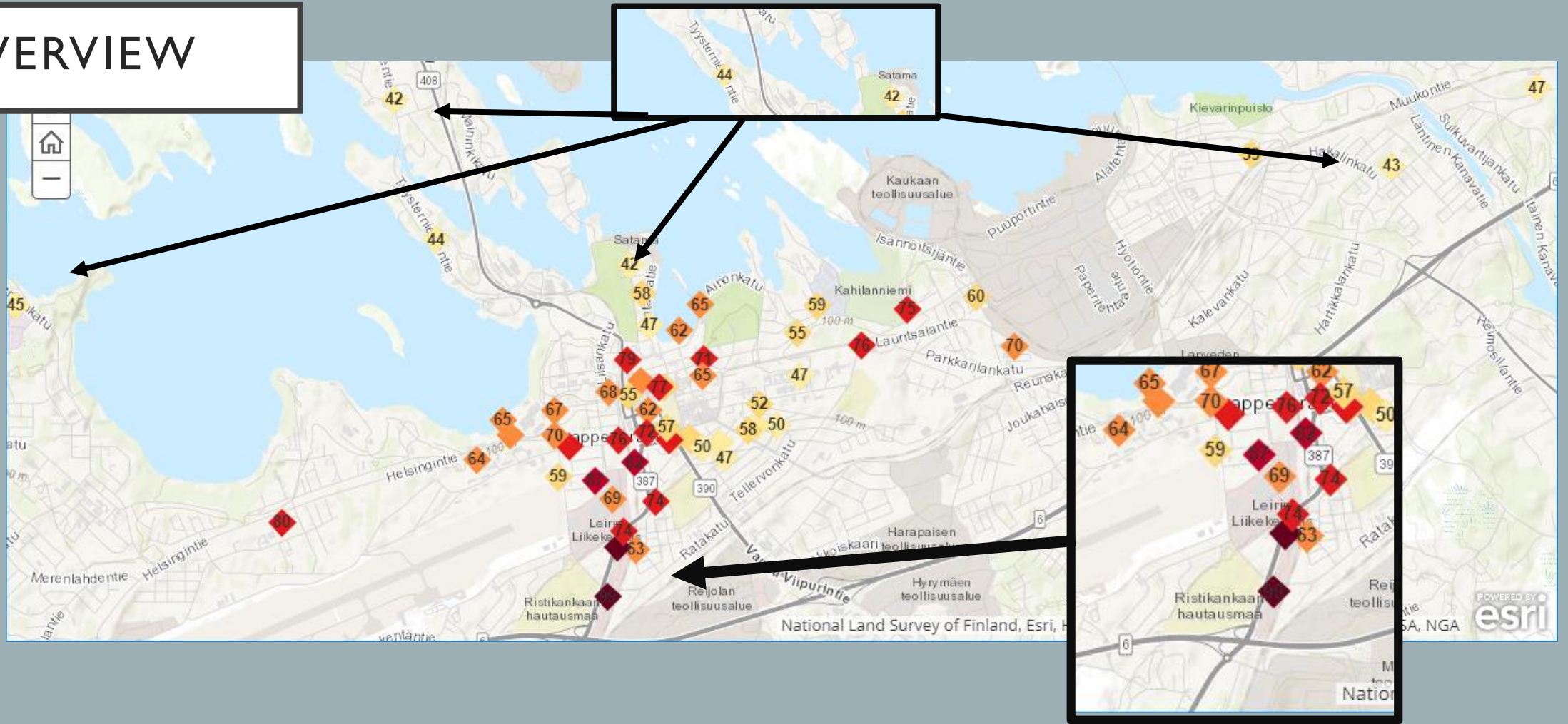
6_Kuvaile_ Hiljainen asuinalue
Kivisalmessa. Rivitaloja
ja omakotitaloja.
Muutama ihminen ja
bussi meni ohi.

- Quiet residential area
- 5 km away from the city center
- Average noise value: 37 dB

[HTTPS://ARCG.IS/IKXFCR](https://arCG.is/IKXFCR)

Average noise VALUES

OVERVIEW



The highest values obtained – source of the noise: highway 6

The smallest values on the fringes – forest and houses

