7.2 Helsinki

Additional information on the Helsinki data
streams provided in the table below can be found underneath the table.

Nr	Data	Description	Source	Issue to solve
1	Noise data	FVH real time noise data from 5-10 noise sensors and historical data. No authorisation needed, free access.	https://ngsi.fvh.fi/v2/entities?options=keyValues&type=NoiseLevelObserved http://iot.fvh.fi/downloads/noise/ https://iot.fvh.fi/grafana/d/mnWQ_DOiz/melumittarit-noise-sensors?refresh=1m&orgId=6	Different analytics, e.g. dependencies on traffic, daytime, weather condition. Can you estimate traffic based on noise data
2	City open data	600+ datasets that are available for everybody from Helsinki Region. No authorisation needed, free access.	https://hri.fi/en_gb/	/
3	Air quality open interface	Air quality open data. API key is needed from https://ilmatieteenlaitos.fi/lataus	data.fmi.fi http://opendata.fmi.fi/wfs?REQUEST=GetFeature&VERSION=2.0.0&SERVICE=WFS&storedquery_id=fmi::forecast::enfuser::airquality::helsinki-metropolitan::grid	Info for the citizens and different groups, as well as analytics on combined with noise info

		palvelun-pikaohje		
4	Air quality station - ENFUSER	Stations for measuring air quality and model for scaling to entire city	http://silam.fmi.fi/	Big data to be loaded and analysed with the platforms
5	Open data and interfaces including air quality	Different kind of open data from Helsinki Region Environmental Services Authority HSY	www.hsy.fi/avoindata https://kartta.hsy.fi/	Combine different sources of data for analysis
6	GIS data	Helsinki region GIS data	https://hri.fi/en_gb/helsinki-region-gis-data-freely-at-your-disposal/ kartta.hsy.fi/geoserver/wms	Through the service map's REST interface, can search different information
7	Living Lab Bus	The Living Lab Bus project facilitates the use of a real electric bus fleet as a test bed, providing lots of data as well as the opportunity	http://livinglabbus.fi/llb-buses-devices-data/ http://livinglabbus.fi/developer-portal/	Buses serve as mobile sensor platforms providing an extensive selection of real-time and accumulated history data from both existing and third party devices, provides edge computing capabilities

		to install and test new hardware.		
8	Street maintenance data of Jätkäsaari	Arcventure/developer Leo Salomaa can provide data like traffic loads, road weather, speed limits and also predictions of road friction (usually ice on the road).	Arcventure/third party developer Leo Salomaa: E-mail: salomaa.leo@gmail.com Phone: +358 50 5509028 Please contact Leo Salomaa for more information.	Useful data from Jätkäsaari streets. The contractors can use this data if they want to.
9	Info screen used for showing information from the platforms	Huutokonttori building/library of Jätkäsaari has an info screen which can be used for showing contractors' platform/information from the platforms (for example via slide show/powerpoint presentation)	Huutokonttori/library of Jätkäsaari Contact person: FVH/Tiina Inki tiina.inki@forumvirium.fi Please contact Tiina for more information.	Someone were asking for some info screens used for showing information from the platform. We can provide one option: to show information at Huutokonttori's info screen via slide show together with city of Helsinki's other information slide show.