



Hollandse Luchten

Lora netwerk en data infrastructuur

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Agenda

- Wat is Lora netwerk?
- Waarom Lora netwerk?
- Lora en Hollandse Luchten



Network

criteria/type network	Accessible for users & dataplatfrom	Open source	Price	Scalability (200 sensors)
4G	yes	no	expensive	no
Wifi	no	no	free	yes
Lora	yes	yes	free	yes



Long-RAnge Wide Area Network



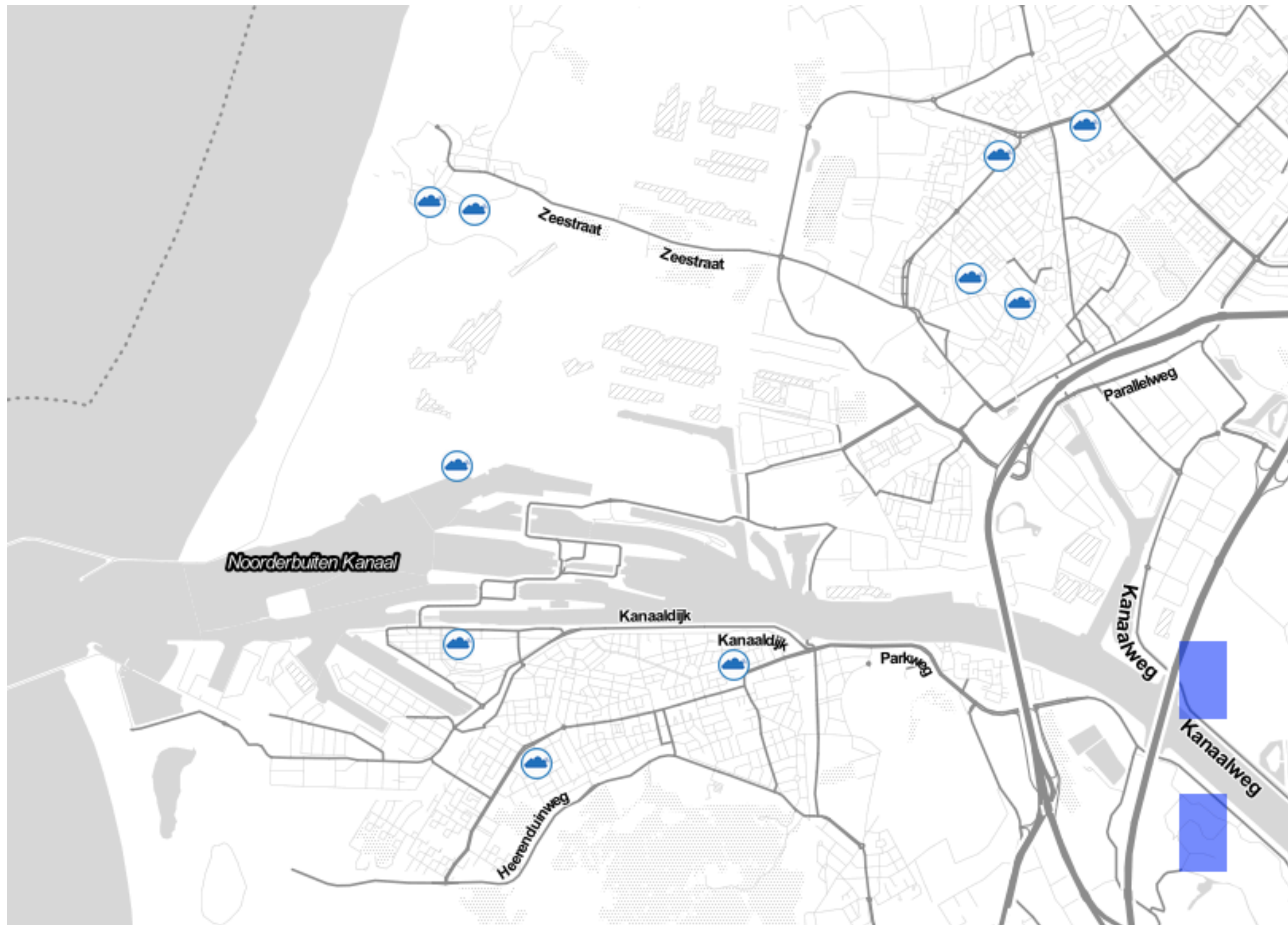
THE THINGS
N E T W O R K

<https://www.thethingsnetwork.org/>





Overzicht Gateways in de IJmond

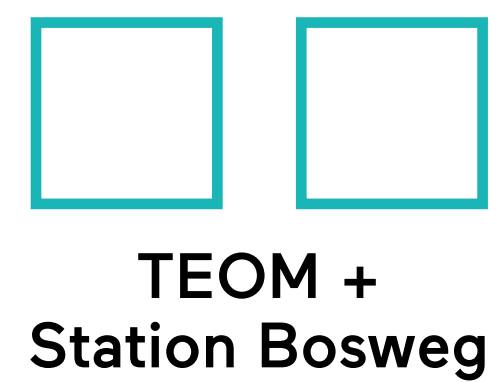


<https://ttnmapper.org/>

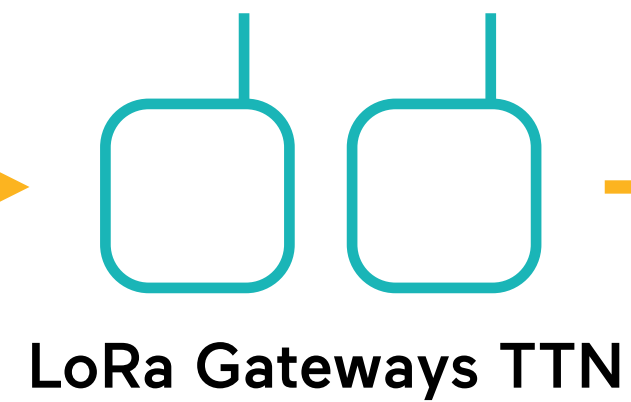


Hollandse Luchten technische infrastructuur

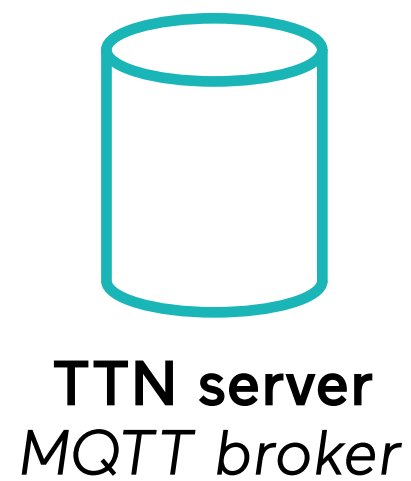
hardware



netwerk- infrastructuur



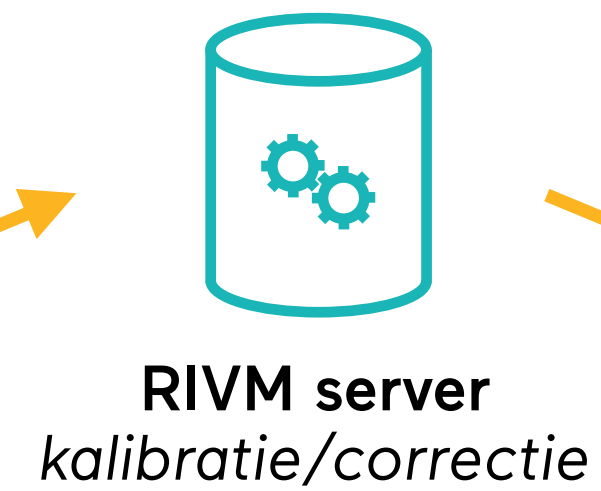
data- infrastructuur



MQTT subscription

MQTT subscription

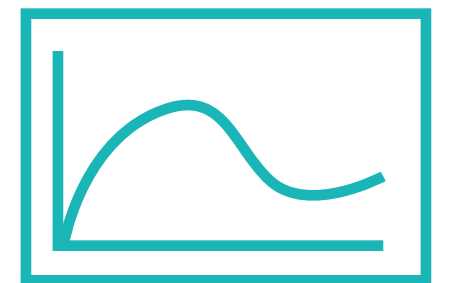
http POST



gekalibreerde/
gecorrigeerde data

ruwe data

visualisatie



kaart op website
Hollandse Luchten



open-
-fair
inclu-
-sive