

CanarIT – Air Quality Network

Raviv Yatom - AirBase Systems



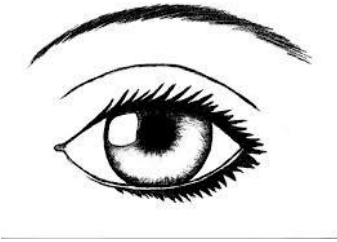
European Network on New Sensing
Technologies for Air Pollution Control and
Environmental Sustainability - *EuNetAir*
COST Action TD1105

**INTERNATIONAL WG1-WG4
MEETING on**

*New Sensing Technologies and Methods
for Air-Pollution Monitoring*

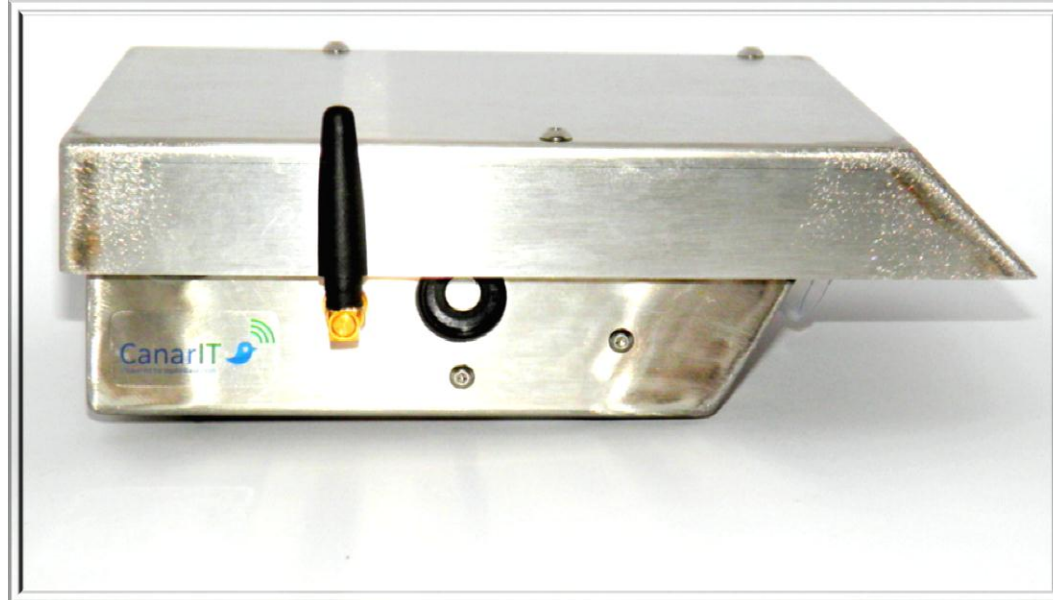
European Environment Agency - EEA
Copenhagen, Denmark, 3 - 4 October
2013





▶ No₂, VOC, Dust, Ozone, RH, Temp, Noise.

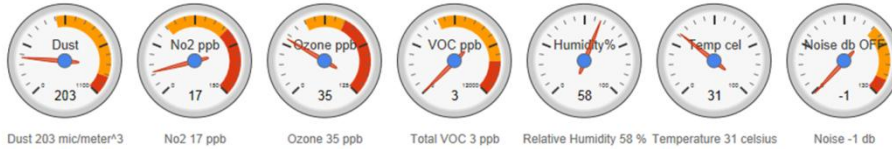
- ▶ Plug and Play. Easy.
- ▶ Low maintenance.
- ▶ Fast deployment.



Backend

Live Data: <http://sensors.myairbase.com/>

Current readings per parameter

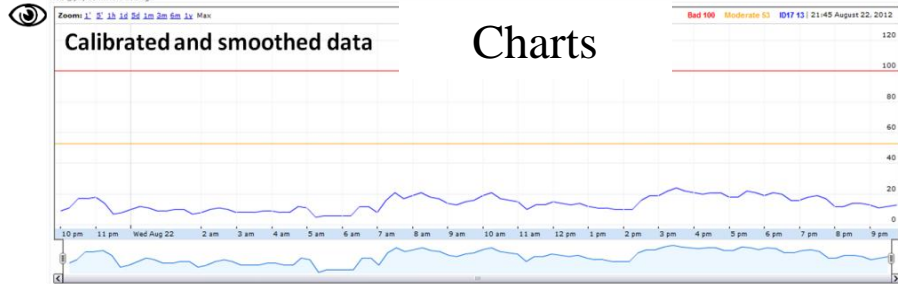
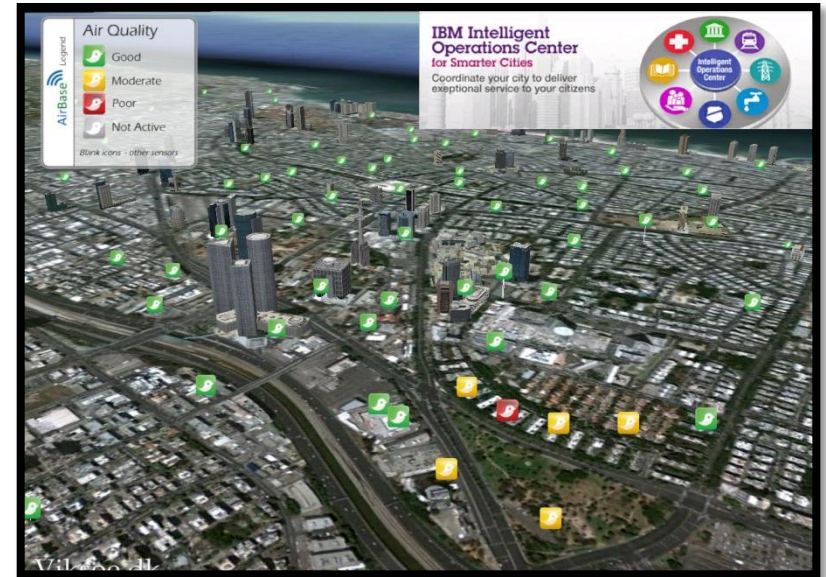
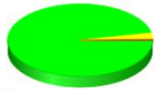


Last measurement time: 22/08/2012 21:45:51, Gauges show last 5 minutes average.

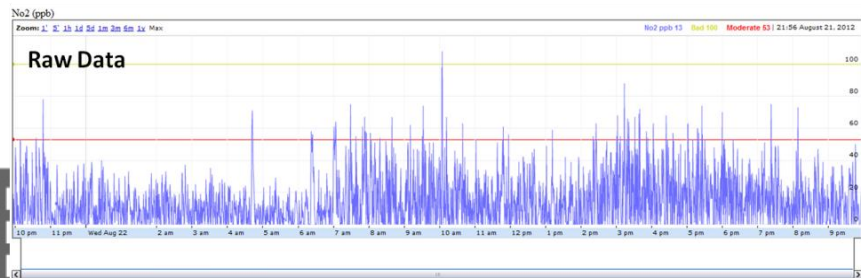
Notification

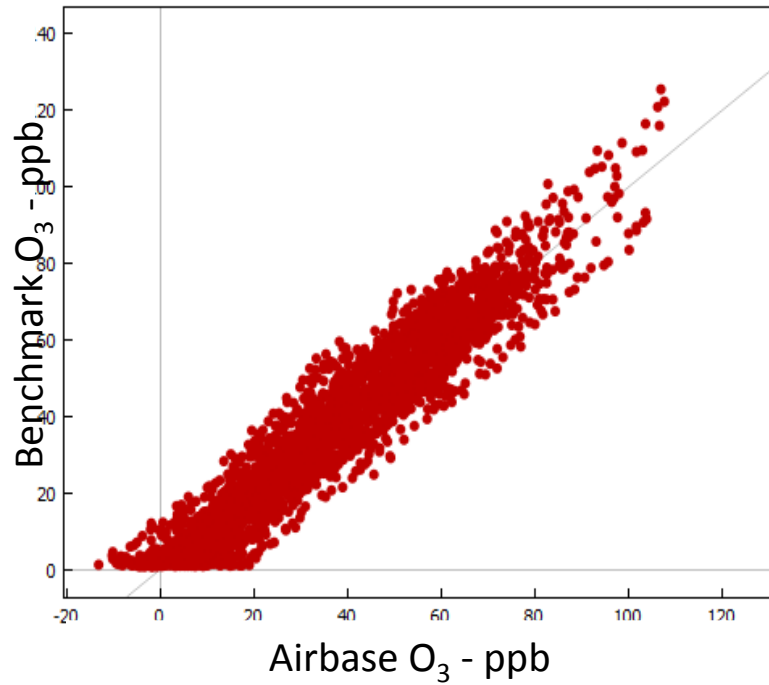


Integrated value status and history (pie chart)



Charts



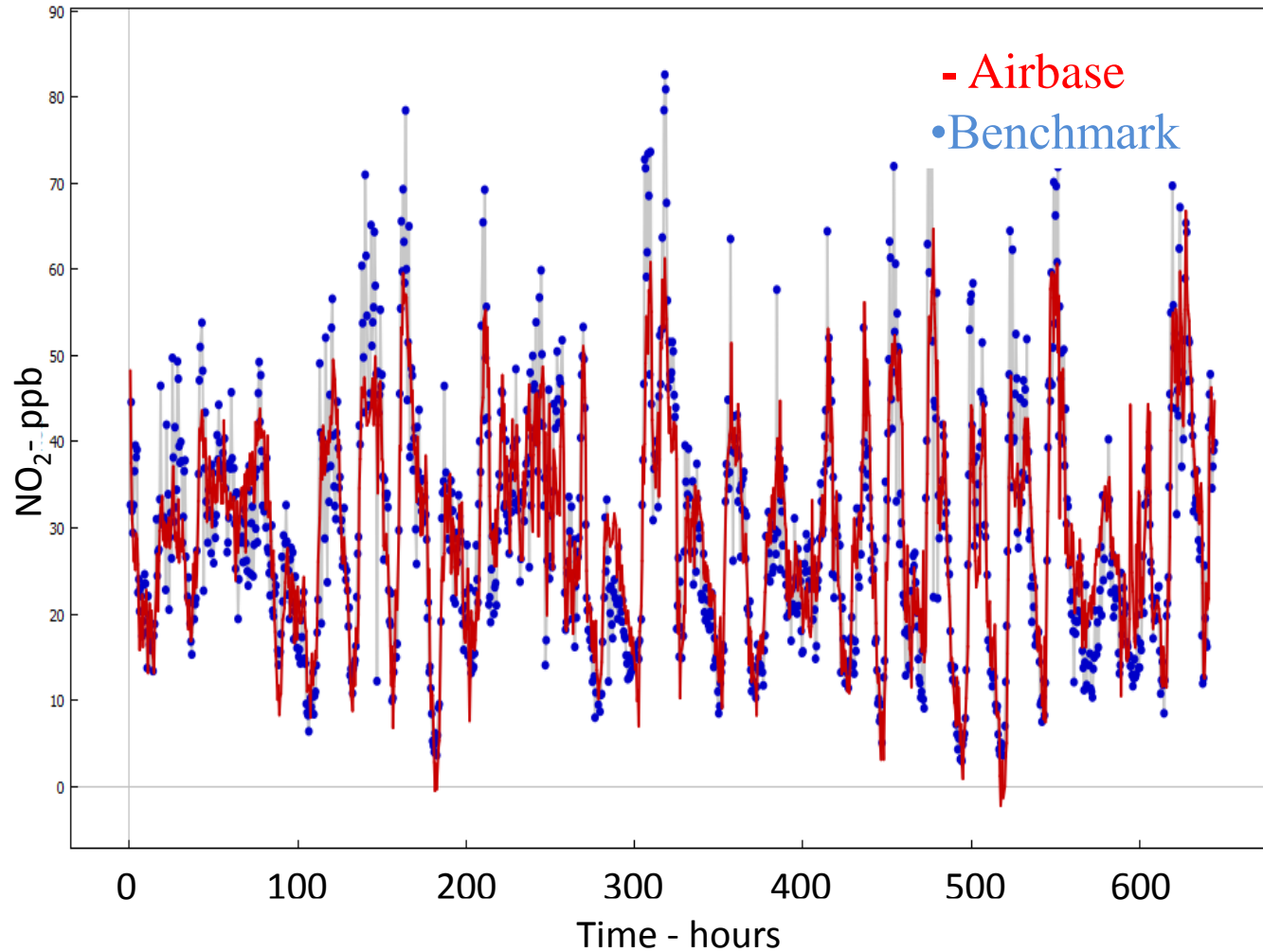


EMPA Ozone Summary

Item	Results
R ² Goodness of Fit	0.94
Correlation Coefficient	70.9
Maximum Error [ppb]	21.8
Mean Absolute Error [ppb]	4.8



NO₂

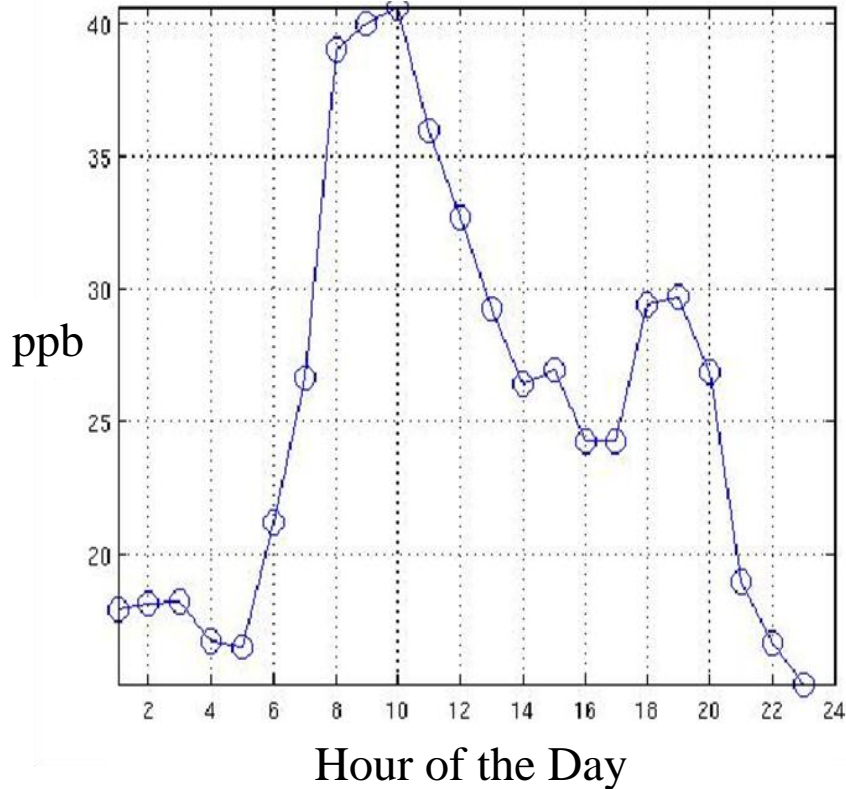


Denmark NO ₂ Summary	
Item	Results
R ² Goodness of Fit	0.7
Correlation Coefficient	0.84
Maximum Error [ppb]	33
Mean Absolute Error [ppb]	5.9

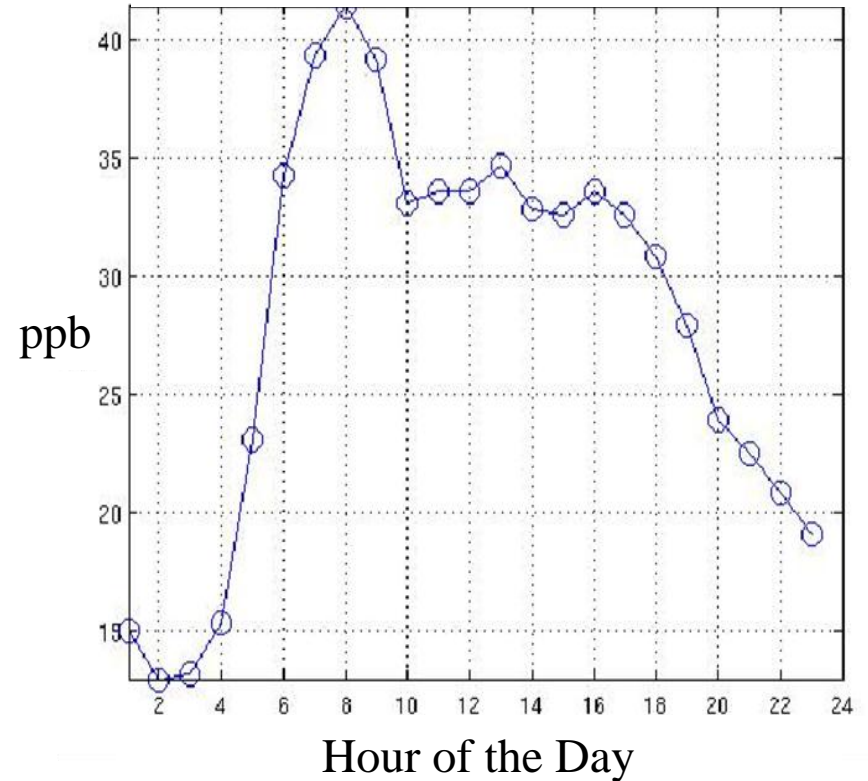


NO2 Copenhagen: daily trend

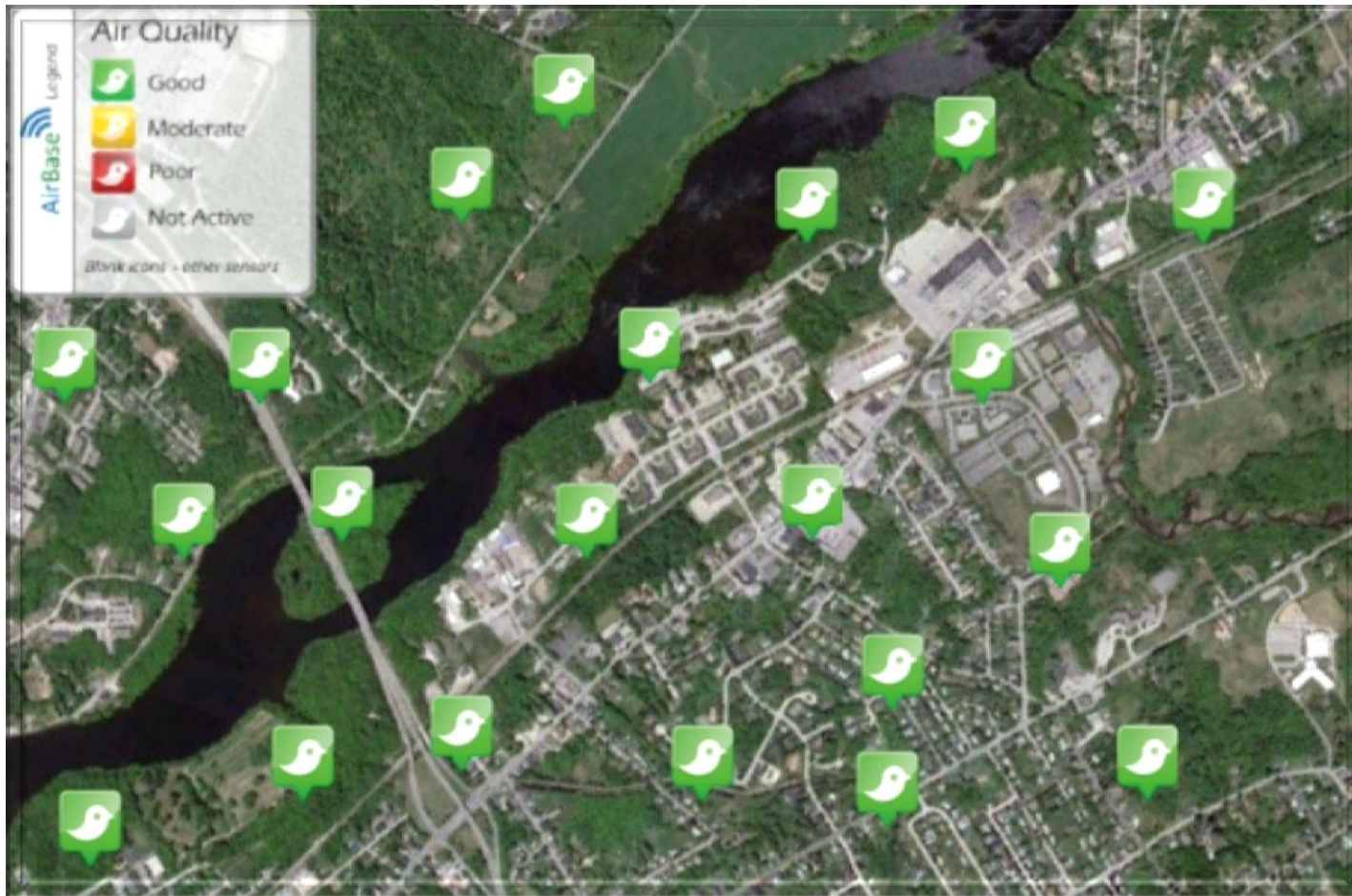
Airbase – Average Daily Cycle



Benchmark – Average Daily Cycle



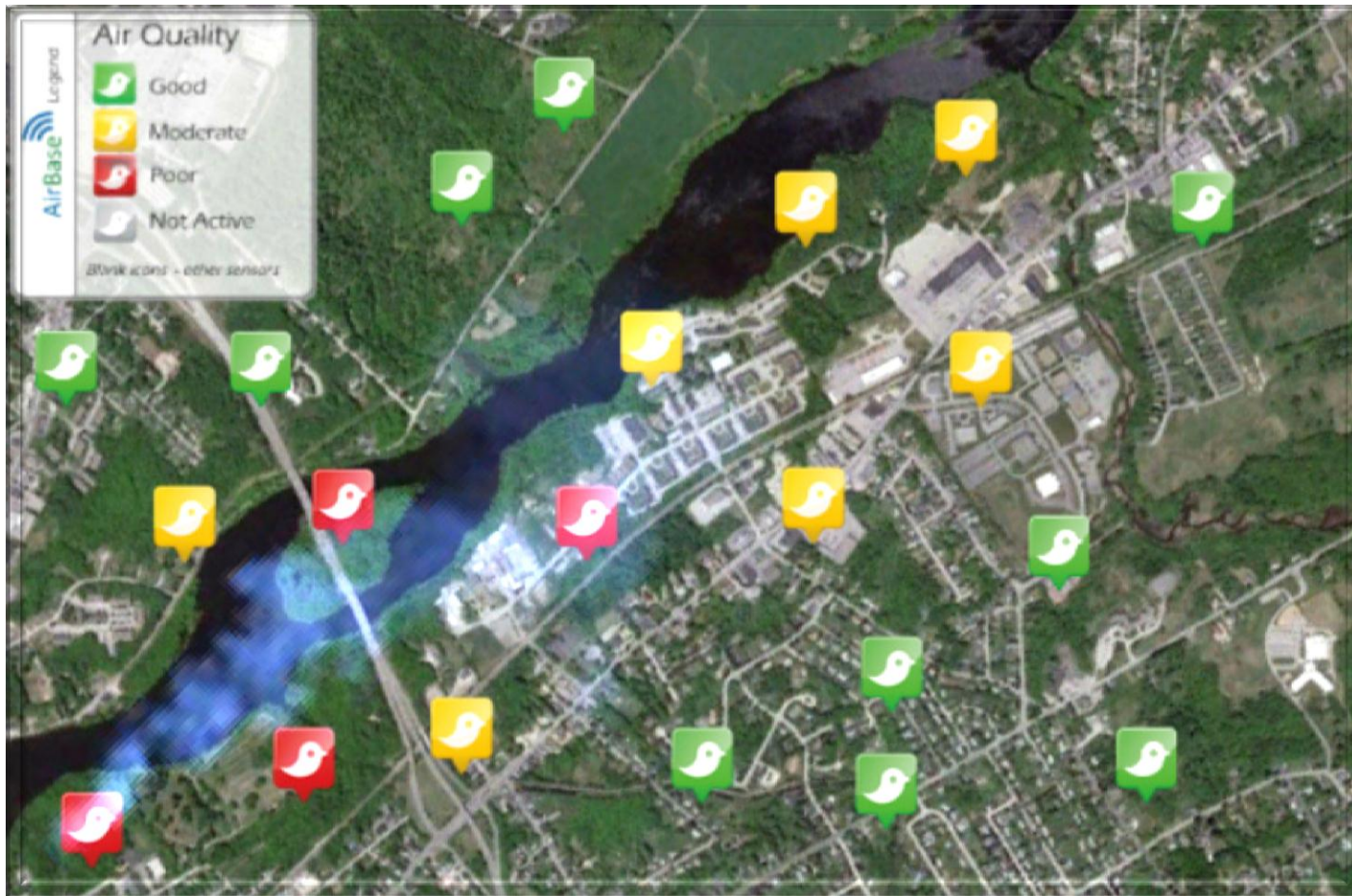
The Network - normal



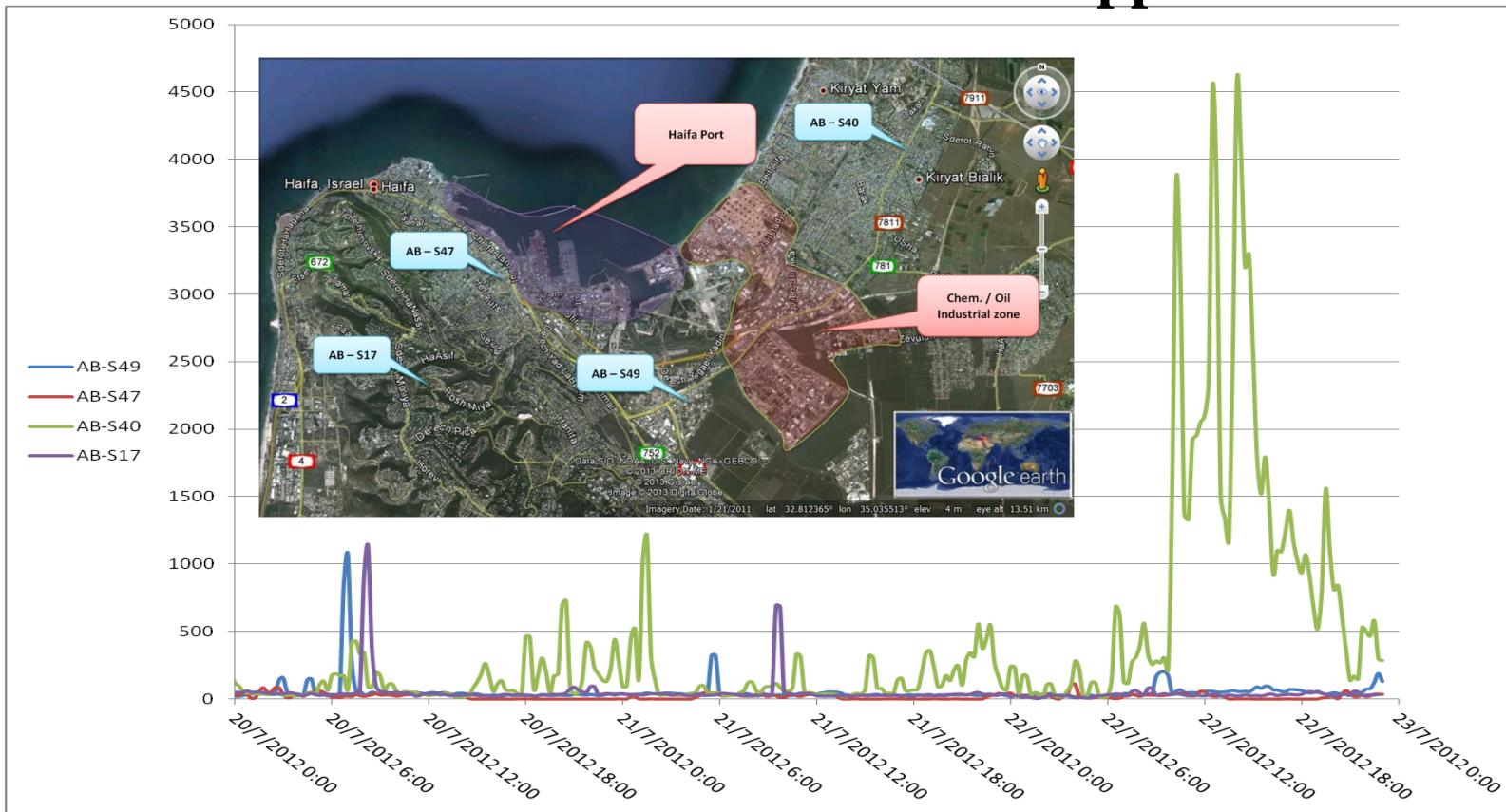
Scenario:



The Network - event



T-VOC ppb



Thank you

