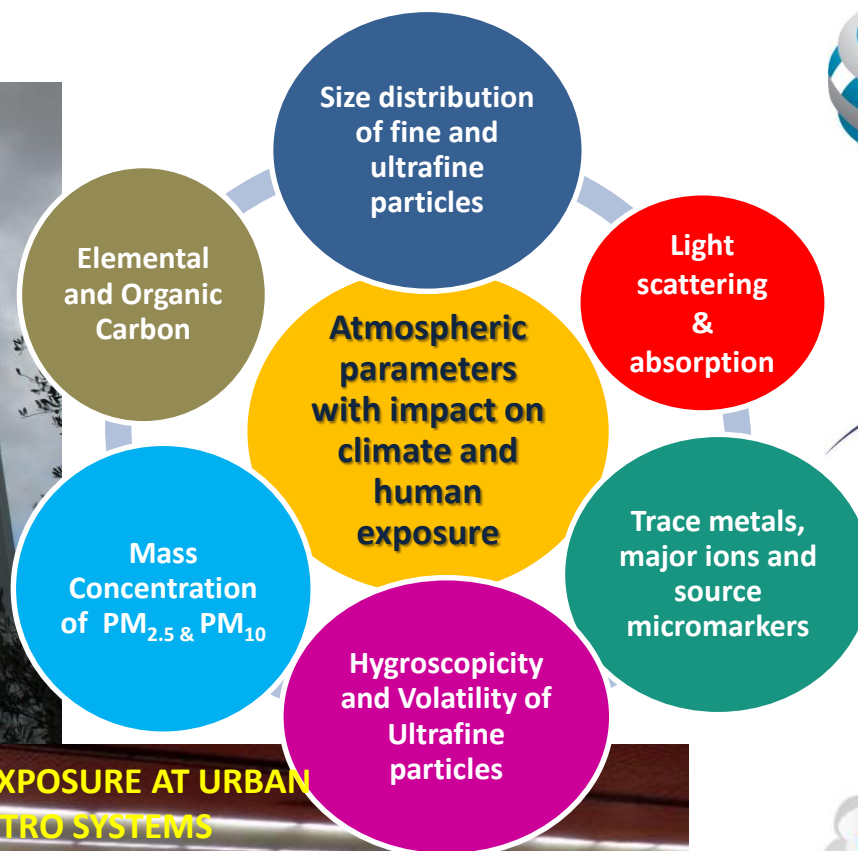


# NCSR Demokritos: Observation platforms – solution for city scale AQ data & management



# ATHENS GAW/ACTRIS STATION 2007-2017





# Solution for city scale AQ is implemented with Low-cost air quality sensor network and supersites.

ACSM-ToF for  
showcase NRT  
source  
apportionment



- Online data (near real time) from spatially distributed low cost sensor systems/pilot networks NCSR In-situ monitoring network using online air quality sensors (gaseous pollutants, PM and BC)
- On-Line NRT data from selected “high end” infrastructures
- Athens Network setup still pending according to SMURBS needs;
- representative of population outdoor exposure conditions.

Obtained data will be cross-validated with data from campaigns, other sites (Thissio supersite) and from the regulatory monitoring network in operation in Athens.

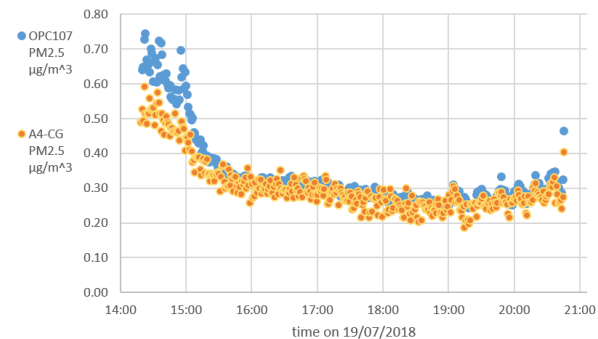


## IAC, 2018, St Louis, USA

### Comparison experiment of low cost sensors for aerosol and gasses at DEM Athens



PM2.5 Time series comparison GRIMM OPC and A4-CG



PM2.5 comparison of GRIMM OPC and A4-CG on 19/07/2018

