The THOR integrated model system

- Emission and traffic models
- Numerical weather forecast model (Eta)
- Global meteorological data from NCEP, USA
  - Long range transport model (DEOM)
  - Urban background model (UBM)
  - Street canyon model (OSPM)
  - ~2000 visualizations and animations of weather and air pollution, four times a day
  - Subset to decision makers, web site, the public, etc.

Urban emissions constitute a “singularity” compared to regional emissions

Berlin Emissions

![Map of Berlin Emissions]