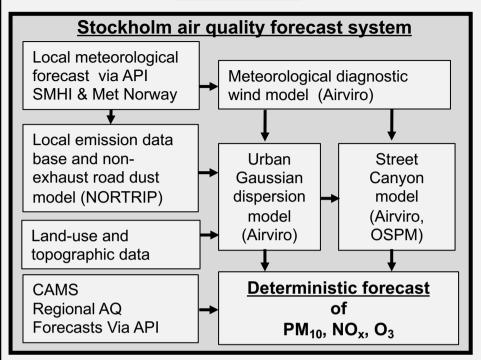
## **Input to MLs**



## **Meteorological variables:**

wind speed, wind direction, relative humidity, cloud cover, precipitation, temperature, pressure, boundary layer height (+ sine and cosine of cyclic variables)

## Calendar variables:

hour of day, day of week,
Julian day, year (+ sine and
cosine of cyclic variables)

## <u>Measurements+:</u>

NO<sub>x</sub>, PM<sub>10</sub>, O<sub>3</sub>

Autocorrelation: lagged of NO<sub>x</sub>, PM<sub>10</sub>, O<sub>3</sub>

Feature Engineering: mean/max/.../Q3/min of concentration from the rolling historical period

