

Visual Overview — Chemical Tools

Chemical Tools



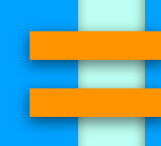
1

Gas sensors
Aerosol Sensors
Light Sensors
Ion Sensors

2

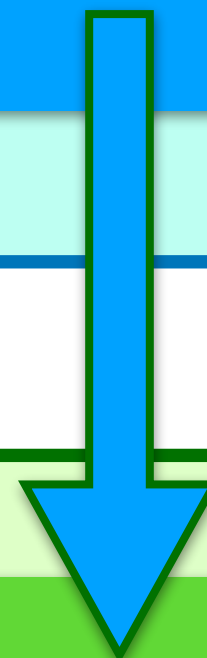
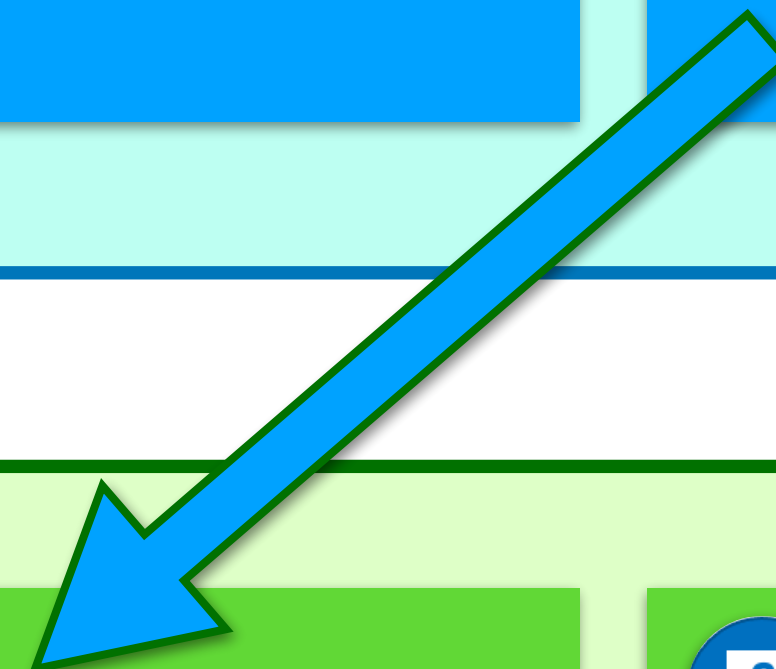
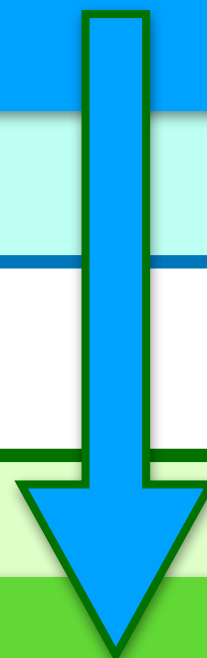


Full Chemical Model



3

Chemical Data
Assimilation: Combine
Sensing with Full
Chemical Model



Using the tools



4

Quantify impact of Active
Filtration devices on
measured chemical
concentrations

5

Identify active
chemical species
and infer their
concentration

6

Identify chemical
mechanisms