



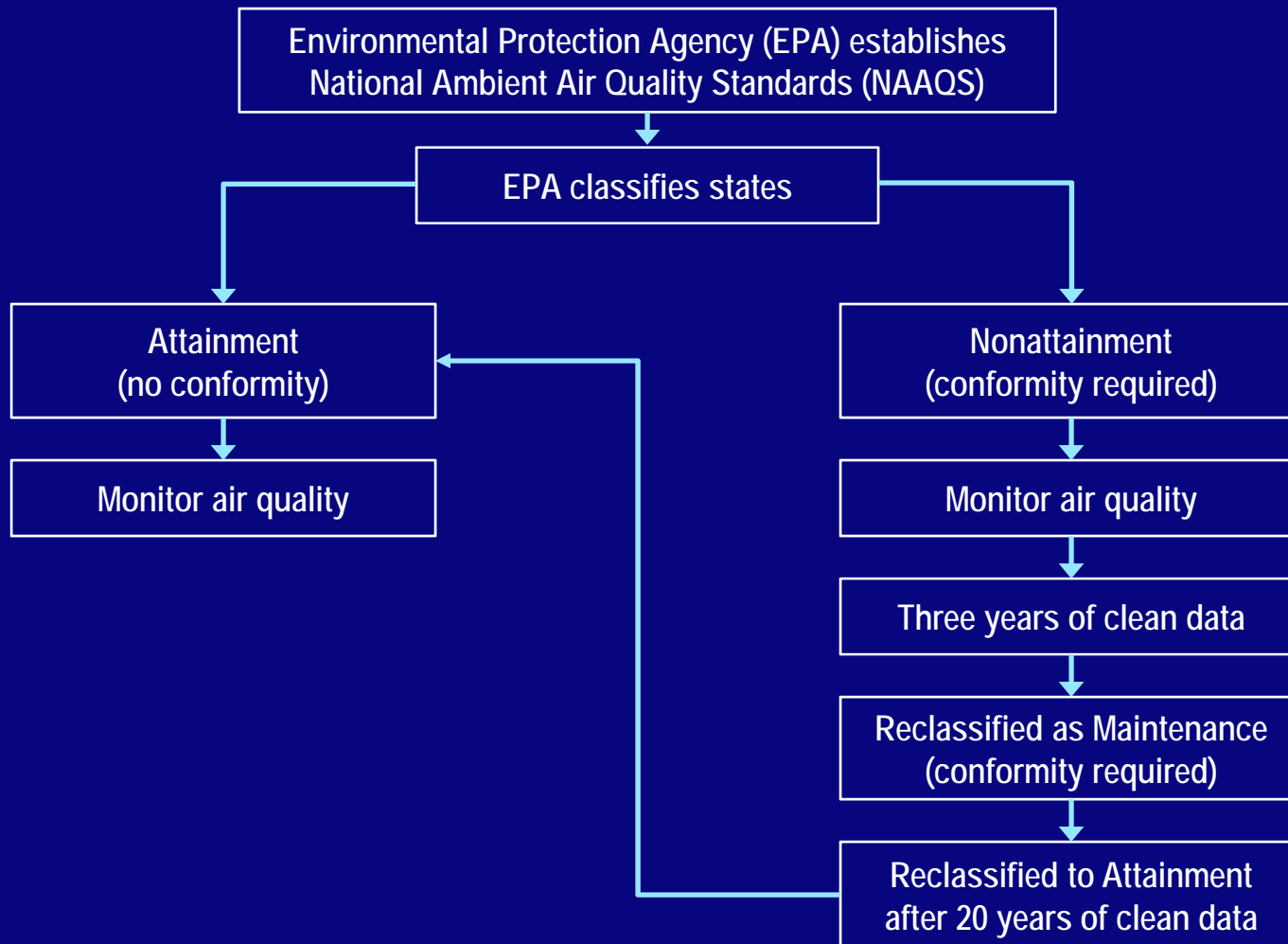
Air Quality Conformity Long-Range Transportation Plan

July 19, 2018

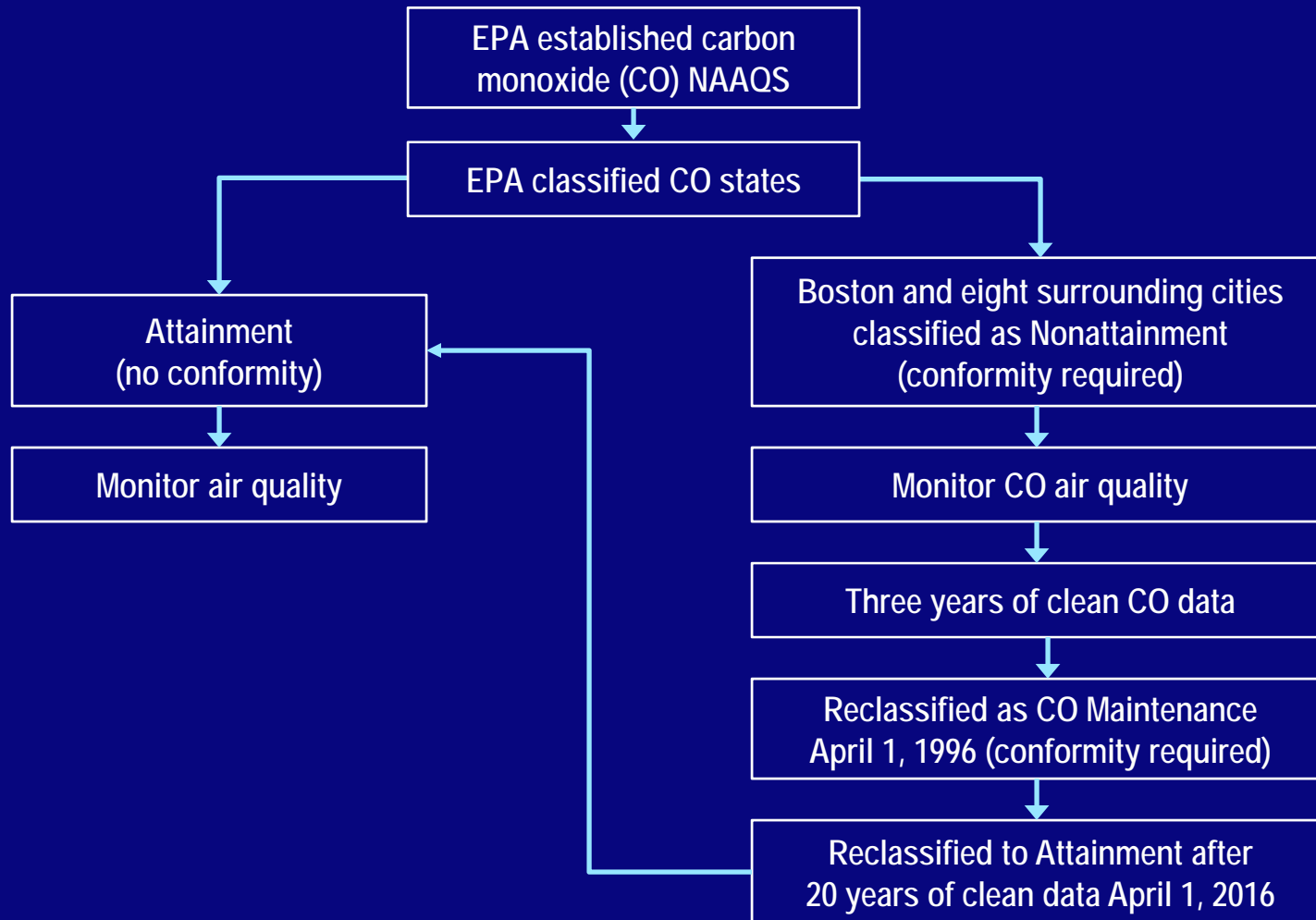
Anne McGahan

Boston Region Metropolitan Planning Organization

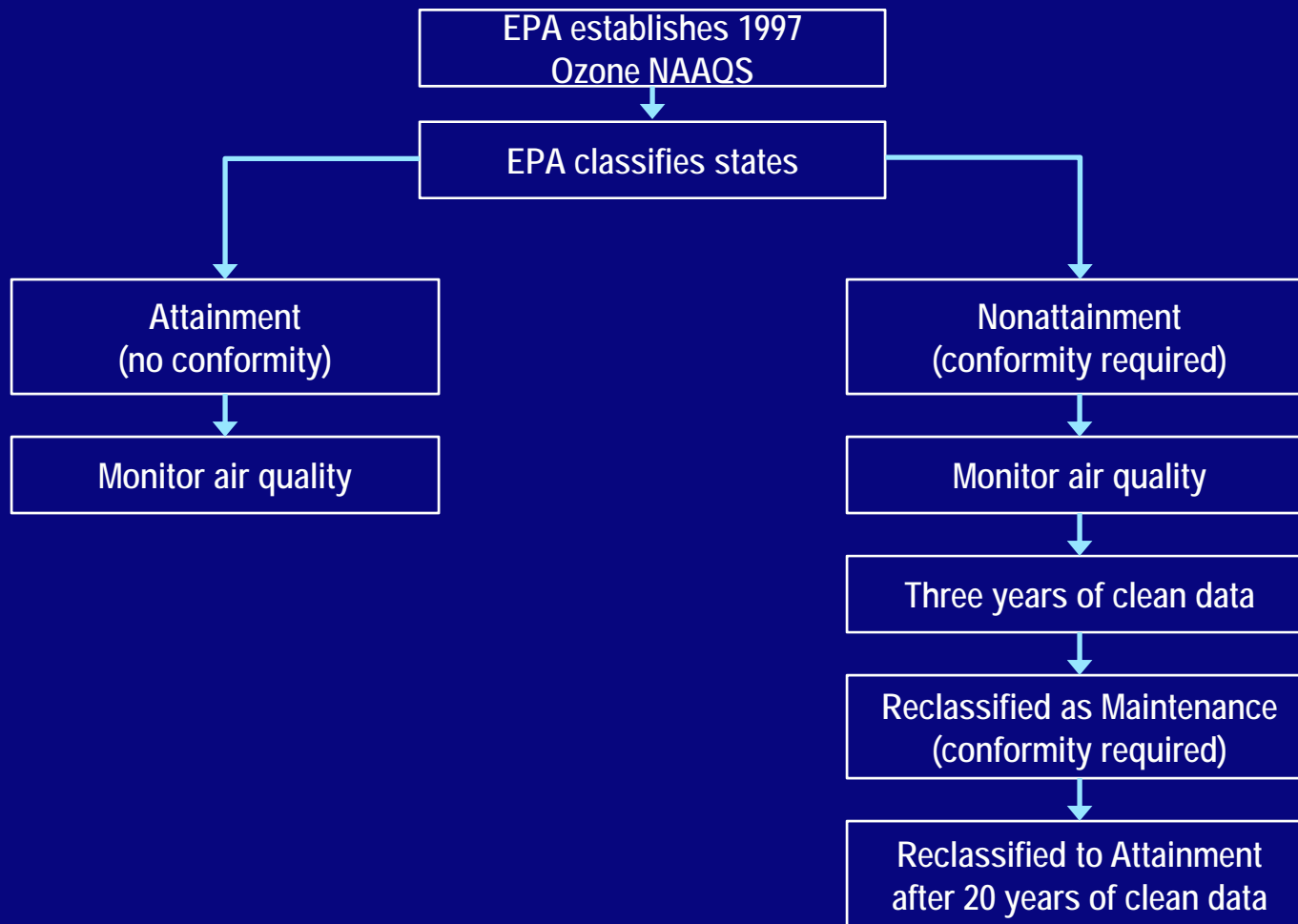
Conformity Process



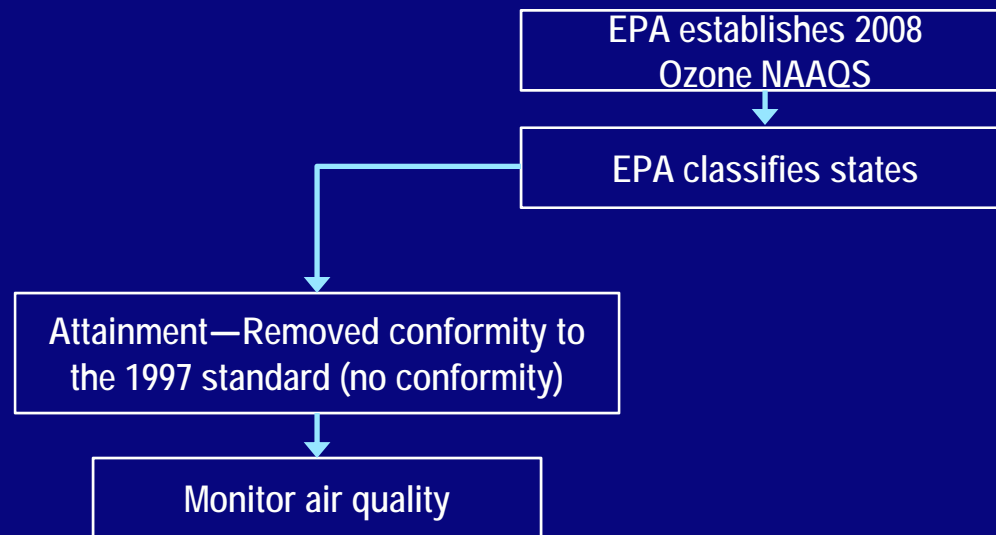
Carbon Monoxide Sample



1997 Ozone Standard



2008 Ozone Standard



Volatile Organic Compound (VOC) Emissions Estimates

Eastern Massachusetts Ozone Nonattainment Area
(emissions in tons per summer day)

| Year | VOC Action Emissions | VOC Budget | Difference (Action-Budget) |
|------|----------------------|------------|----------------------------|
| 2012 | 30.56 | N/A | N/A |
| 2020 | 6.68 | 63.50 | (56.82) |
| 2030 | 5.68 | 63.50 | (57.82) |
| 2040 | 4.69 | 63.50 | (58.81) |

Nitrogen Oxide (NOx) Emissions Estimates

Eastern Massachusetts Ozone Nonattainment Area
(emissions in tons per summer day)

| Year | NOx Action Emissions | NOx Budget | Difference (Action–Budget) |
|------|----------------------|------------|----------------------------|
| 2012 | 116.97 | N/A | N/A |
| 2020 | 27.24 | 174.96 | (147.92) |
| 2030 | 20.63 | 174.96 | (154.33) |
| 2040 | 14.02 | 174.96 | (160.94) |

Questions

