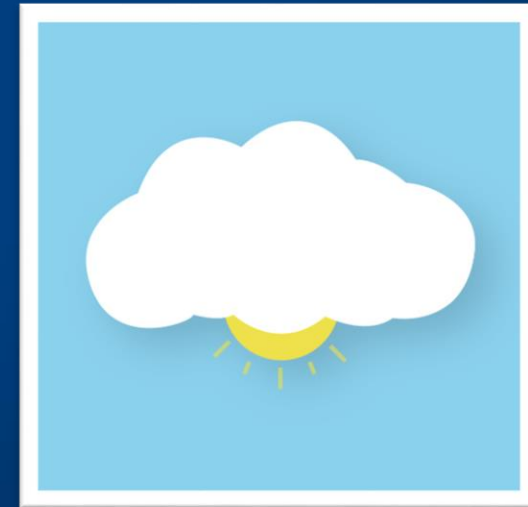


# Air Quality Action Partners



NACAA Spring Membership Meeting

May 10, 2023



# A Multipollutant Strategy

# NAAQS Status – May 2023

Pollutant	Standard	Averaging Time	Louisville's Status
Carbon Monoxide	9 ppm	8-hour	Attainment
	35 ppm	1-hour	Attainment
Lead	0.15 µg/m <sup>3</sup>	Rolling 3-month Average	Attainment
Nitrogen Dioxide	53 ppb	Annual Average	Attainment
	100 ppb	1-hour	Attainment
Particulate Matter (PM10)	150 µg/m <sup>3</sup>	24-hour	Attainment
Particulate Matter (PM2.5)	12.0 µg/m <sup>3</sup>	Annual Average	Attainment
	35 µg/m <sup>3</sup>	24-hour	Attainment
Ozone	0.070 ppm	8-hour	Proposed Attainment
Sulfur Dioxide	75 ppb	1-hour	Attainment

# Multipollutant Stakeholder Group (MPSG)



1. Develop recommendations to reduce emissions of ozone precursors in order to come into attainment of the 2015 8-hour Ozone NAAQS, with a focus on strategies that may achieve co-benefits of air toxics and fine particulate reductions.
2. Identify quantifiable emission reduction strategies – voluntary and regulatory – from the following source sectors: Point, Area, Mobile.
3. Identify voluntary programs and community initiatives to reduce emissions and exposure in order to reduce health risks.
4. Recommend programs, collaborations, etc. that will raise awareness of air quality impacts of local activities and the health impacts associated with them.

# MPSG Recommendations

The District should start a program to **recognize companies for voluntary efforts** to reduce ozone precursor and other emissions. Recognition should be given through certificates or badges for **different levels or tiers of reductions**, awarded before the Louisville Metro Air Pollution Control Board.

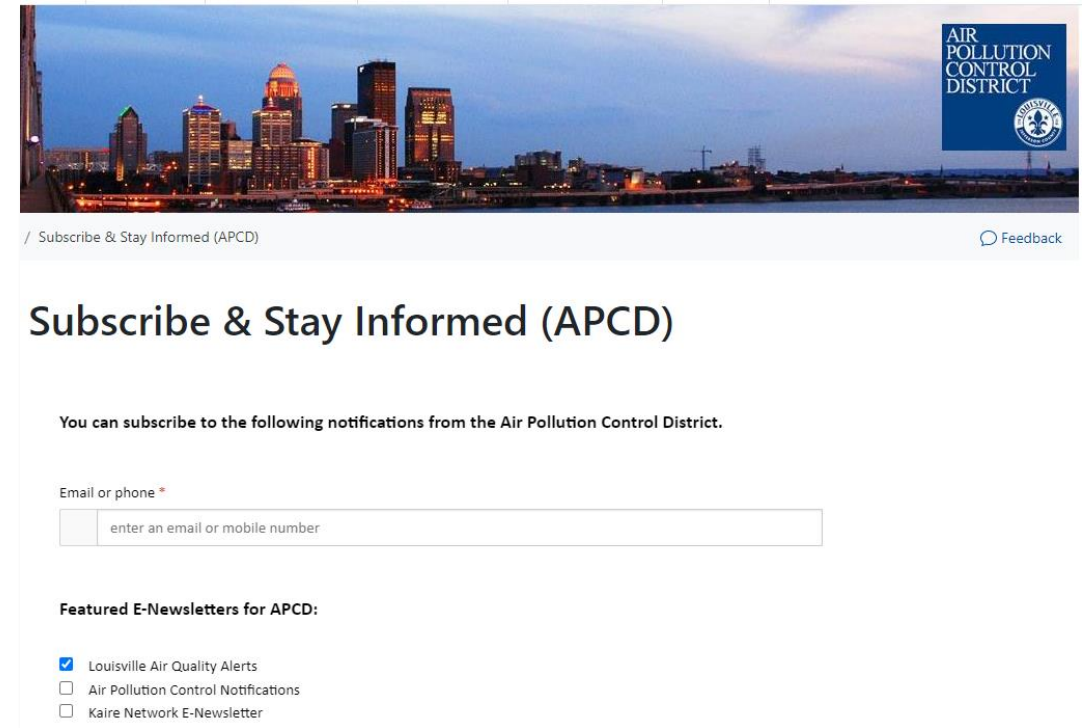


The District should **encourage participation by sources in voluntary programs** such as KY EXCEL, Kentucky Pollution Prevention Center, and the Louisville Metro Energy Project Assessment District (EPAD) program, including through the recognition program in recommendation 2.

# MPSG Recommendations

The District should encourage action by Point Sources on Air Quality Alert Days.

- a) The District should ensure that environmental contacts for permitted sources are directly notified by email of Air Quality Alert Days.
- b) The Committee also recommends sources have an Air Quality Alert Day Plan, which voluntarily commits to avoiding, deferring, or delaying certain actions such as startups, shutdowns, maintenance, and testing on Air Quality Alert Days whenever possible.
- c) The District should recognize companies which submit Air Quality Alert Day Plans, including through the recognition program in Recommendation 2.



APCD  
AIR POLLUTION CONTROL DISTRICT

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## Subscribe & Stay Informed (APCD)

You can subscribe to the following notifications from the Air Pollution Control District.

Email or phone \*

**Featured E-Newsletters for APCD:**

- Louisville Air Quality Alerts
- Air Pollution Control Notifications
- Kaire Network E-Newsletter



# Air Quality Action Partners

## Program Overview

# AQAPs Commitments

- Tier 1 Commitments

- Environmental Contact is signed up to receive Air Quality Alert Day notifications
- Company has a system for notifying all employees on site of Air Quality Alert Days, and encourages them to sign up for notifications



- Tier 2 Commitments

- Stationary Source Equipment Operations & Emissions
  - Reschedule discretionary emission-generating activities such as maintenance and testing to avoid emissions on Air Quality Alert Days
- Vehicle & Fleet Emissions
  - Establish and enforce idling restriction policies for use of organization's vehicles, equipment, and property
- Facility & Building-Related Emissions
  - Defer mowing and groundskeeping activities on Air Quality Alert Days

- Tier 3 Commitment

- Quantify emissions reductions



# AQAPs Levels



- AQAPs - AQA alerts received and distributed, and
  - At least one Tier 2 commitment if not a permitted facility
  - Two if subject to an APCD permit



- Silver Level – AQAP and one commitment from each Tier 2 category

- Gold Level – Silver and quantify emissions reductions under Tier 3



- Platinum Level – Gold and specific reduction goals



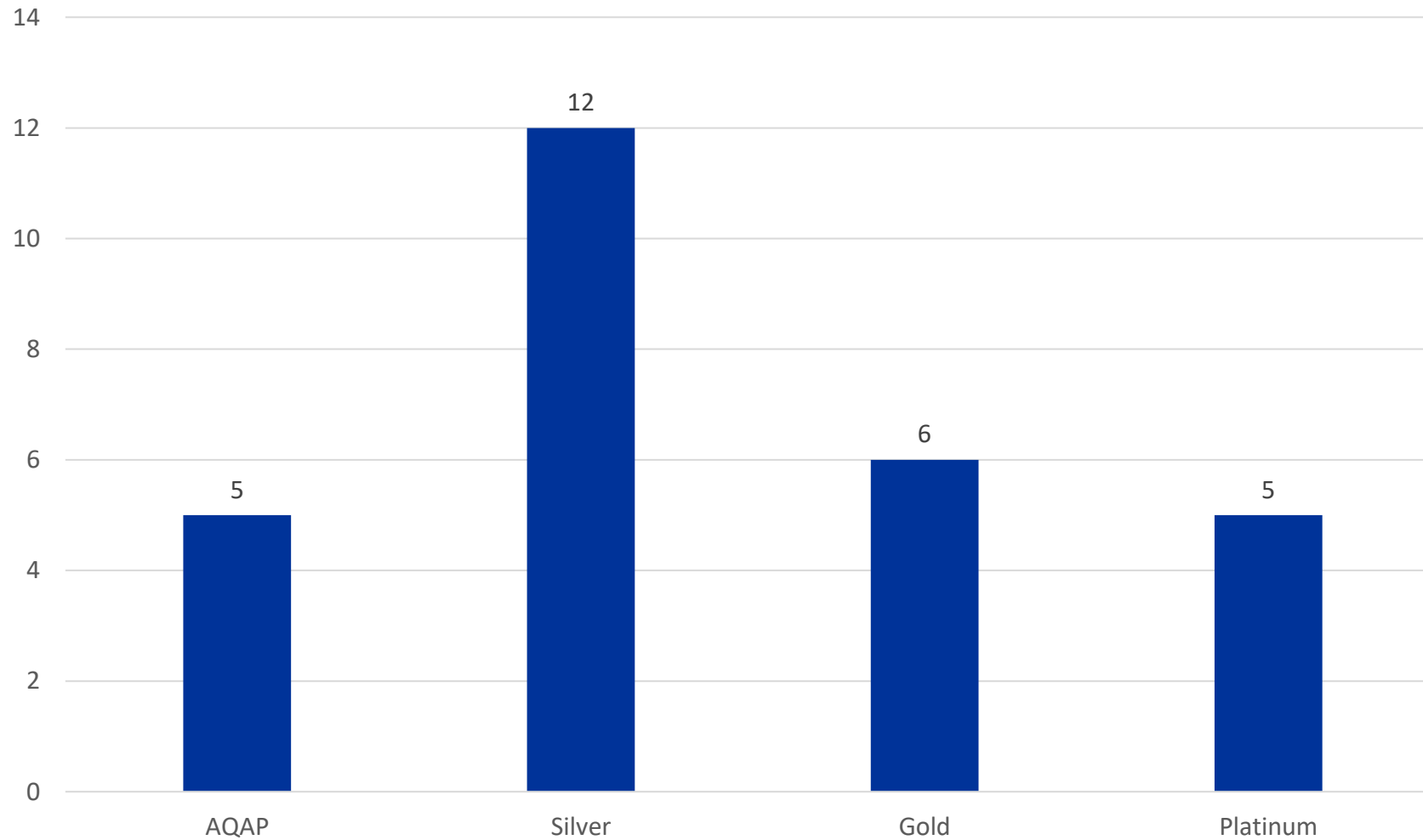
[louisvilleky.wufoo.com/forms/2023-air-quality-action-partner-commitments](https://louisvilleky.wufoo.com/forms/2023-air-quality-action-partner-commitments)

# Expanded Participation: Beyond Permitted Facilities



- Benefits
  - It all adds up! Big or small, these efforts can still make a difference
  - Increased awareness of air quality, even when it isn't an obvious business need (like permitting)
  - Promote other energy and sustainability initiatives
  - Wider distribution of Air Quality Alerts! Each employer will be amplifying our messaging.
    - Current sign-ups indicate messages will be sent to more than 2,500 site employees.

# 2023 AQAP Signups – so far!



# 2023 AQAPs Sign-ups



# Questions?

