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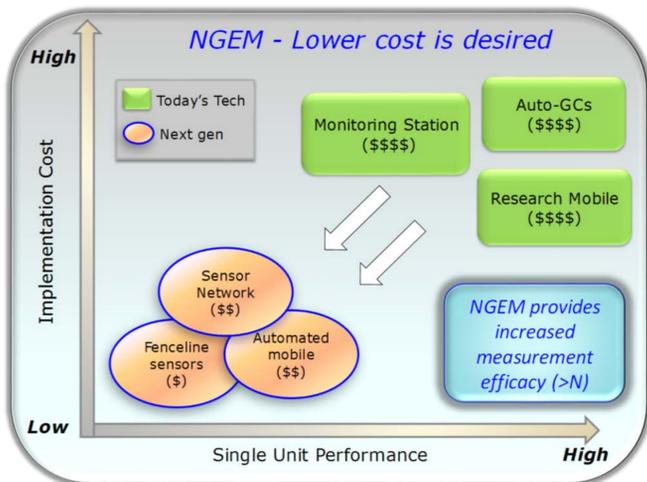
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EPA Office of Research and Development, National Risk Management Research Laboratory, Air and Energy Management Division, Distributed Source and Buildings Branch

Fugitive VOC, HAP, and odiferous emission sources are difficult to locate, characterize, and model. This leads to uncertainties in inventories, community impacts and non-optimal regulatory and control strategies.

*NGEM helps meet many of these emerging needs*



**Acronyms and Abbreviations:**

- AE - ORD's Air and Energy Research Program
- CRADA - Cooperative Research and Development Agreement
- GC - Gas Chromatograph (miniaturized field version)
- GMAP - Geospatial Measurement of Air Pollution
- EM 1.2 - ORD AE's Emissions Measurement Task 1.2 (NGEM)
- HAP - Hazardous Air Pollutant
- HVS - High Volume Sampler
- NGAM - Next Generation Air Monitoring
- NGEM - Next Generation Emissions Measurements
- OTM - Other Test Method (EPA Category C)
- OAR - EPA Office of Air and Radiation
- OECA - EPA Office of Enforcement and Compliance Assurance
- ORD - EPA Office of Research and Development
- PC - Pneumatic Controller (oil and gas high emission device)
- R3, R4, R5, R6, R8 - EPA Regions III, IV, V, VI, and VIII respectively
- RARE - Regional Applied Research Effort
- RESES - Regional Sustainability & Environ. Sci. Research Program
- SPod - EPA Sensor Pod for fenceline monitoring (open source)
- VET - VOC Emissions Tracker
- VOC - Volatile Organic Compound

- New Industry CRADA**  
E. Thoma/J. DeWees (OAR)
- New State - Industry Project**  
M. Stovern (R8)/E. Thoma
- New State - OAR Support Project**  
E. Thoma/C. Beeler (R8)/J. DeWees (OAR)

- Proposed RESES Project**  
R. Duvall
- New ORD Innovation award**  
I. George

