



September 14, 2017

Request for Information# 2017-013

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Technology Opportunities to Reduce Greenhouse Gas
Emissions from Stationary Sources in the Bay Area

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SECTION I – SUMMARY

A Request for Information (RFI) and Statement of Interest is issued to solicit information and ideas from companies, non-profit organizations, research organizations and other interested parties capable of assisting the Bay Area Air Quality Management District (Air District). Submissions will be used as a guide to find solutions and potentially issue Requests for Quotes (RFQ) or Requests for Proposals (RFP) and potentially influence how an RFQ or RFP is structured.

The Air District is requesting information about innovative technologies that have potential to reduce greenhouse gas emissions from stationary sources in the Bay Area, including refineries, electricity generation facilities, manufacturing facilities, waste management or treatment facilities, agricultural production, data centers, and commercial and residential buildings. The Air District is interested in technologies that have already been piloted or demonstrated successfully in a relevant environment. Technologies may include equipment, software, smart/connected technologies, or other innovations that reduce use of non-renewable energy, reduce emissions, or optimize energy efficiency. Technologies submitted in response to this RFI may be considered for inclusion in the Air District’s technology assessment based on the technology’s level of innovation and potential for impact.

To respond to this RFI, interested parties should complete the web-based questionnaire linked below:

<https://www.surveymonkey.com/r/BAAQMD-2017-013>

**The questionnaire must be submitted by 4:30 PM on December 15, 2017.
Late submissions will not be considered.**

Minority business enterprises, women's business enterprises, and Certified Green Businesses are encouraged to submit a response. **Any questions regarding this RFI should be directed to Cynthia Zhang at czhang@baaqmd.gov.**

SECTION II – GENERAL INSTRUCTIONS

1. All submissions must be made in accordance with the conditions of this RFI. Failure to address any of the requirements is grounds for rejection of the submission.
2. Organizations that have multiple technologies to suggest should submit a separate questionnaire for each technology.
3. The Air District may modify the RFI or issue supplementary information or guidelines during the period prior to December 15, 2017 due date.
4. The cost for developing the information is the responsibility of the bidder, and shall not be chargeable to the Air District.
5. All questions must be in written form and e-mailed directly to Cynthia Zhang, Purchasing Agent, and arrive by 4:00 p.m. on October 12, 2017. All questions will be answered in writing and posted on the [BAAQMD RFP/RFQ webpage](#) by 6:00 p.m. on October 26, 2017.

SECTION III – REQUESTED INFORMATION

1. Organization name
2. Office nearest to San Francisco, California (Address and telephone number)
3. Designated point of contact (Name and e-mail address)
4. Organization summary
5. Technology name
6. Description of innovation (i.e. value proposition, key differentiators from other technologies in the market)
7. Technology categories (equipment, software/application/algorithm, smart/connected technologies, other innovation)
8. Relevant emissions
 - Greenhouse gases: Carbon dioxide (CO₂), Methane (CH₄), Nitrous oxide (N₂O), Hydrofluorocarbons (HFC)/perfluorocarbons (PFC), Sulfur hexafluoride (SF₆), Black Carbon (BC)
 - Other pollutants: Particulate matter (PM), Nitrogen oxides (NO_x), Toxic air contaminants
9. Relevant emissions sources addressed by technology (refineries, electricity generation facilities, manufacturing facilities, waste management or treatment, agriculture, data centers, and/or commercial and residential buildings)

10. Emissions reductions possible per source, including total emissions reduction (mass) and percent reduction (%)
11. Cost of technology (including capital and operating costs), cost of comparative technology, payback period for customers
12. Investment funding amounts and dates, quarterly revenues and net income for past 8 quarters
13. Description and links to reports for completed pilots and demonstrations
14. (Optional) Barriers and support needed by organization to increase dissemination of technologies (including regulatory, permitting, or market barriers)
15. (Optional) Available local, state, or federal incentives or programs that support this technology
16. (Optional) References