



Improving EPA's Performance with New Tools & Approaches

The Innovation Catalogue:
Your First Innovation Resource

Innovation Catalogue Air Innovations Module Demonstration

2006 Air Innovations Conference
September 7, 2006

Overview

- Innovation Catalogue Description
 - 3 Major Functions (with illustrations)
 - State and Public Access Beta Testing
- OAQPS Air Module Development
 - Partnership with OPEI
 - Air Module Development
- Contact Information

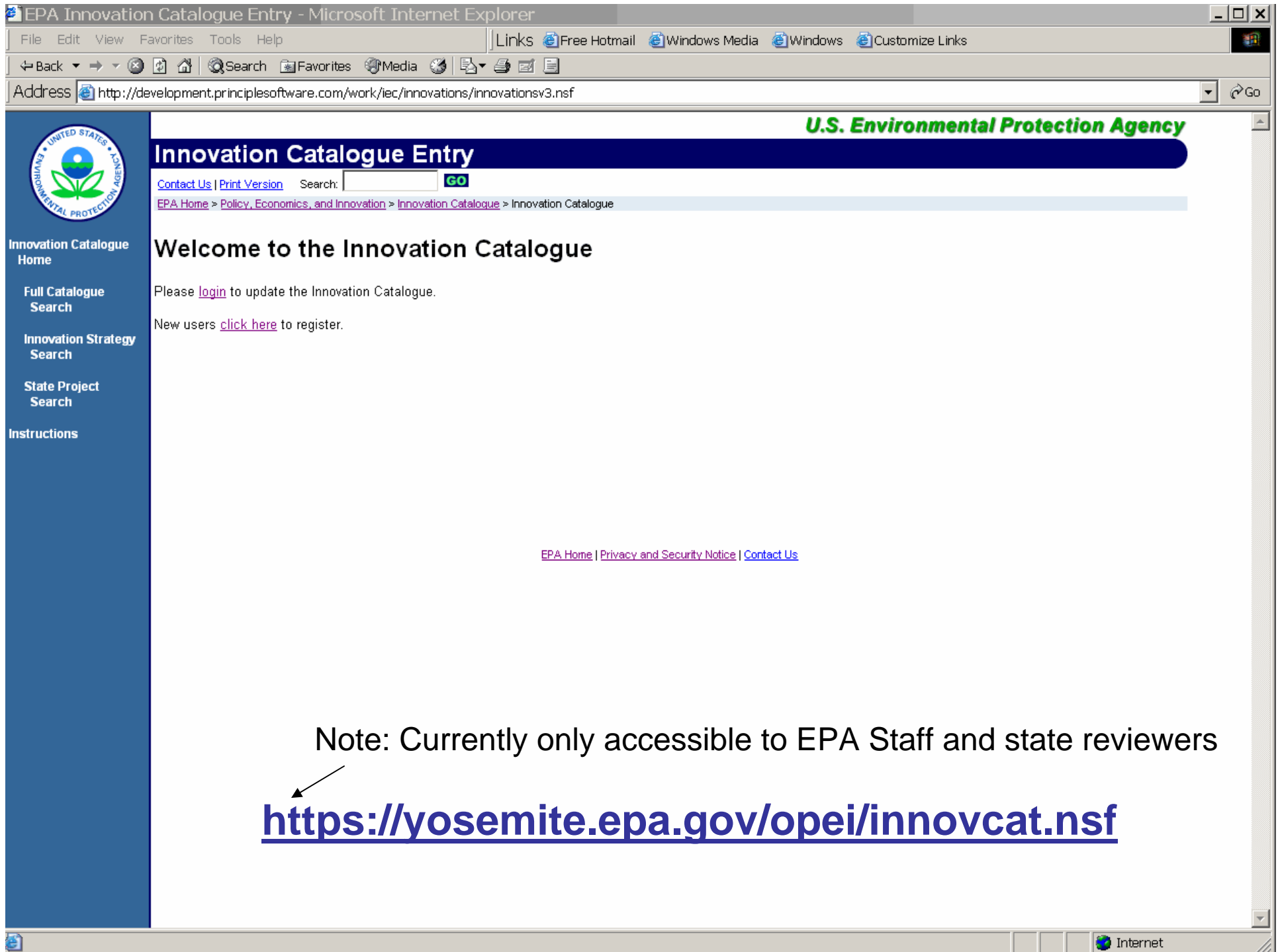
What is the Innovation Catalogue?

Function #1:

A HOME FOR INNOVATIVE PROJECTS

A Web-based, searchable database was created in Fall 2001 by the Office of Policy, Economics, and Innovation (with EPA-wide input) to host an inventory of all of EPA's innovative projects.

Currently contains over 500 EPA projects from 8 Project Offices and 10 Regions. State project template is in beta testing.



Note: Currently only accessible to EPA Staff and state reviewers

<https://yosemite.epa.gov/opei/innovcat.nsf>

What is the Innovation Catalogue?

Function # 2:

A RESEARCH TOOL

The Innovation Catalogue has been searched more than 800 times by EPA employees researching existing innovative projects.

Quick / advanced / keyword search. Full Catalogue / Innovative Strategy / Air Project / State Project search. Searchable by project name, contact office, location, environmental issues, innovative tools used, target pollutants, environmental statutes, media, keywords. Includes glossary of innovative tools.



Innovation Catalogue Search

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- Innovation Catalogue Home
- Full Catalogue Search
- Innovation Strategy Search
- State Project Search
- Entry/Enter Interface
- Instructions

Quick Search of Full Catalogue

Please use the drop-down menus to choose one or more search options and then press 'Get Results'.

Quick Search **Keyword Search** Advanced Search

EPA Contact
Office:
Office of Air and Radiation (OAR)
Office of Administration and Resources Management (OARM)
Office of the Chief Financial Officer (OCFO)

Location:
National
Alabama
Alaska

[Environmental Issues:](#)
AGRICULTURE
--Animal Feedlots
--Food Quality
AIR QUALITY
--Air Toxics (HAPs)
--Climate Change
--Criteria Pollutants

[Innovative Tools and Approaches:](#)
Administrative Streamlining
Community-Based Approach
Community Outreach
COMPLIANCE ASSISTANCE
--Assistance Centers
--Compliance Guides
--Mentoring



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- y/Enter Interface
- uctions

Advanced Search of Full Catalogue

Please select up to four fields that you would like to search on in the left most column. Then, for each field, select values in the database using the "pre-set terms" and/or type in your own search text in "user-defined term."

[Quick Search](#) | [Keyword Search](#) | **Advanced Search**

Type of search: and or

Search Field	Pre-Set Terms	User-Defined Term
--Program	<ul style="list-style-type: none"> Acid Rain Program <li style="background-color: #e0e0e0;">Air Program American Wetlands Campaign Brownfields 	<input type="text"/>
--Location	N/A	Denver
--Target Pollutants	<ul style="list-style-type: none"> Metals <li style="background-color: #e0e0e0;">Persistent, Bioaccumulative, and Toxic Compounds Pesticides Organics 	<input type="text"/>
--Last Update	<ul style="list-style-type: none"> <li style="background-color: #e0e0e0;">Within Last 3 Months Within Last 6 Months Within Last 9 Months Within Last Year 	<input type="text"/>



Innovation Catalogue Search

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Results

- View
 Print

Output ?

The table below presents the results of your search. Use the results menu bar above to select the type of information you wish to obtain for each project that meets your search criteria. Or, by clicking on a project name in the table, you can view a full description of the project.

Search Criteria: mercury

Search Scope: Full Innovation Catalogue

Projects Matching Your Criteria 24 Project(s)

[\[Revise Search Criteria\]](#) [\[New Search\]](#)

Project Name	Location	Innovation Strategy	EPA Contact Office	Include?
Chlor-Alkali Industry Mercury Reduction Project			Region 5	<input checked="" type="checkbox"/>
City of Albuquerque	Albuquerque, New Mexico	✓	Region 6	<input checked="" type="checkbox"/>
City of Denton	Denton, Denton, Texas	✓	Region 6	<input checked="" type="checkbox"/>
Development of a National Policy for Fluorescent Lamp Disposal			Region 3	<input checked="" type="checkbox"/>
DfE Life-Cycle Assessment		✓	OPPTS	<input checked="" type="checkbox"/>
eCycling	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia		Region 3	<input checked="" type="checkbox"/>
Effluent Trading for Indirect Dischargers Pilot	Bergen, Essex County, New Jersey	✓	OPEI	<input checked="" type="checkbox"/>
Environmentally Preferable Purchasing Program			OPPTS	<input checked="" type="checkbox"/>
EPA New England, Sector Based Assistance	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	✓	Region 1	<input checked="" type="checkbox"/>
Ford Good Neighbor Dialogue	Chicago, Cook, Illinois	✓	Region 5	<input checked="" type="checkbox"/>

What is the Innovation Catalogue?

Function # 3:

**SHARE AND PROMOTE INNOVATIVE
PROJECTS**

The Innovation Catalogue can generate localized reports, updates, and templates for you to use in your efforts to share information on and promote innovation.



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Background Report

Search Criteria:

Search Scope: Full Innovations Catalogue

[\(Saving Your Report\)](#)

(24 Projects)

Project Name	Location	EPA Headquarter Offices	Other Participants	Website
Chlor-Alkali Industry Mercury Reduction Project	National	OAR ORD OW	<ul style="list-style-type: none"> ▶ Academic/Research Institutions --- Oak Ridge National Labs, University of Michigan ▶ Company/Facility --- Chlorine Institute member companies, including Olin Corp., Pioneer, Vulcan ▶ Trade Associations --- Chlorine Institute 	http://www.epa.gov/region5/air/mercury/reducing.html#chlor-alkali
City of Albuquerque	Albuquerque, New Mexico	OW OECA OPEI	<ul style="list-style-type: none"> ▶ State Government --- NM Department of Environment ▶ Local Government --- City ▶ Community Organization ▶ Company/Facility --- POTW ▶ Trade Associations --- AMSA 	http://www.cabq.gov http://www.epa.gov/projectxl/alb/index.htm
City of Denton	Denton, Denton, Texas	OECA OPEI	<ul style="list-style-type: none"> ▶ State Government --- TX 	http://www.epa.gov/projectxl/denton/index.htm



Innovation Catalogue Project Spotlight Office of Air and Radiation (SAMPLE)

September 2006

Find it in EPA's Innovation Catalogue at:

<https://yosemite.epa.gov/opei/innovcat.nsf/PrintTemplate/5D19BA286360C67885256DBF0069FA44>

And on the Web at: <http://www.epa.gov/gasstar>

Gas Star



The Office of Air and Radiation (OAR) was looking for a solution to minimize methane gas losses in production, transmission and distribution of oil and natural gas. OAR decided to develop partnerships with oil and gas trade associations in three component program areas: transmission, production and processing, using a voluntary approach to encourage adoption of cost-effective technologies and practices to improve efficiency and reduce methane emissions.

The three components of the program have been launched. The overall program has over 90 partners and is endorsed by 11 major trade associations. OAR estimates that this program has resulted in the elimination of more than 120 billion cubic feet of methane emissions, the equivalent of removing more than 9.5 million cars from the road for one year or planting 14.5 million acres of trees.

State and Public Access Beta Testing

- The Innovation Catalogue is currently password-protected and only available to EPA users and state reviewers
- OPEI has been working with a number of states to beta test expanding the Catalogue to include state innovations
- OPEI is also planning to provide access to the general public to allow searches and research on Catalogue innovations sometime in the future

OAQPS Air Module Development

- Ongoing Partnership between OAQPS & OPEI
 - Collaboration on beta testing and upgrading features
- Air Module adds unique features to Innovation Catalogue geared towards air innovations
 - Specific air-related categories, including EPA offices, pollutants, environmental issues, and report templates
- Air Module can be searched separately from the rest of the Innovation Catalogue



Innovation Catalogue Entry

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- General Information
- Project Details**
- Updates
- Summary

GENERAL PROJECT INFORMATION

* = Required Field

*Project Name:

Program Name:
(if applicable)

Project Affiliations: Innovation Strategy *(Check this box if the project supports the Innovation Strategy)*
 Air Module *(Check this box to affiliate the project with the OAQPS Air Module)*

*EPA Listing Office/State:

Public Access: *By indicating "Yes", this project will be included in the publicly-accessible Innovation Catalogue search system.*

*Project Location: Specific Location State:
County:
City:

Multi-State Specify states:
(Please write out full state names separated by commas)

National

PROJECT PARTICIPANTS:

EPA Headquarters Offices: Federal Facilities Enforcement Office (FFEO)
(if applicable) National Environmental Justice Advisory Council (NEJAC)

Clicking on Air Module opens up new input options with air-specific criteria



EPA Innovation Catalogue Entry - Microsoft

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search

Address <https://dintra03.epa.gov/principlesoftware> Go

Google Search

Environmental Statutes:
(check all that apply)

- AGRICULTURE
- Animal Feedlots
- Food Quality
- AIR QUALITY
- Air Toxics (HAPs)
- Climate Change
- Criteria Pollutants
- Indoor Air
- Mobile Sources
- Smog
- Stationary Sources
- Urban Air Quality
- Multi-pollutant strategies
- Particulate Matter (PM)
- Fine Particles (PM2.5)
- Coarse Particles (PM10)
- Air Quality Designations
- New Source Review
- Title V Operating Permits
- Emissions Trading
- Air Quality Standards
- Air Pollution Monitoring
- Emissions Modeling
- Emissions Inventories
- General Conformity
- State implementation plans
- VOC Reactivity
- Community / Environmental Justice
- Tribal issues

***Environmental Issues:**

Environmental Issue 3:

If other or NA (administrative), please specify:

Target Chemicals/Pollutants:
(if applicable)
(check all that apply)

<input type="checkbox"/> Metals	Specify: <input type="text"/>
<input type="checkbox"/> Persistent, Bioaccumulative, and Toxic Compounds	Specify: <input type="text"/>
<input type="checkbox"/> Pesticides	Specify: <input type="text"/>
<input type="checkbox"/> Organics	Specify: <input type="text"/>
<input type="checkbox"/> Other	Specify: <input type="text"/>
<input type="checkbox"/> Criteria Pollutants	Specify: <input type="text"/>

SDWA
 TSCA

The air module's specialized criteria allow you to input very specific and searchable air project entries into the Catalogue.



Sample Air Module Project

Office of Air Quality Planning & Standards (OAQPS)

GENERAL PROJECT INFORMATION

Program Name: not applicable

Public Access: Yes

Project Location: National

Project Affiliations: This project supports the Air Module

PROJECT PARTICIPANTS:

EPA Headquarter Offices: Office of Air and Radiation (OAR)

EPA Regional Offices:

Other Participants: State Government All 50 states
Local Government Multiple

Primary Project Contact: First Name: Joe Last Name: Smith
Phone: 800-000-0000 Email: N/A
Organization: Office of Air Quality Planning and Standards (OAQPS)
Specify Other:

Additional Project Contact: First Name: Tom Last Name: Jones
Phone: Email:
Organization: Office of Air Quality Planning and Standards (OAQPS)
Specify Other:

DETAILED PROJECT DESCRIPTION

I. MOTIVATION FOR THE PROJECT

Once air projects are input into the Catalogue, specialized reports and searches can then be run on those projects separately from the rest of the Catalogue's entries.

Contact Information

**EPA Offices/Other Agencies/States
interested in contributing projects to
the Innovation Catalogue?**

CONTACT:

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