ETV Goal

To verify the environmental performance characteristics of commercial-ready technologies through the evaluation of objective and quality assured data so that potential purchasers and permitters are provided with an independent and credible assessment of what they are buying and permitting.

How ETV Operates

EPA has selected "verification partners" to oversee and conduct the technology verification activities. These partners work with EPA technology experts to develop procedures for verifying the performance of innovative technologies. The efforts of each partner also are guided by the expertise of a Stakeholder Group consisting of representatives of all verification customer groups for that particular technology sector. For each technology verified, the partner develops a test plan, in conjunction with the developer, and the test is conducted by an independent third party. Following the test, a verification statement of 3 to 5 pages is issued by EPA, along with a data report. A number of innovative technologies have already been verified and the verification statements are posted on the ETV Web Site.

Visit the ETV Web Site and join our ETVoice Listsery for more information on the ETV **Program**

ETV Pilot Managers

Drinking Water Systems

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Site Characterization and Monitoring Technologies

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Pollution Prevention (P2), Recycling & Waste Treatment **Systems**

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P2 Innovative Coatings & Coating Equipment

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Indoor Air Products

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Advanced Monitoring Systems

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Source Water Protection Technologies

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P2 Metal Finishing Technologies

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United States **Environmental Protection**

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Office of Research and Development (8301D)

SEPA Environmental Technology Verification **Program**



Building partnerships to expand the environmental technology choices of public and private decisionmakers in the United States and abroad

http://www.epa.gov/etv



ET Partnerships

WET WEATHER FLOW **TECHNOLOGIES**

In 1998, EPA initiated a partnership with NSF International (Michigan) to verify commercial-ready wet weather flow (WWF) technologies, including stormwater inlet treatment devices and advanced, high-rate treatment processes,

DRINKING WATER SYSTEMS

In 1995, EPA initiated a partnership with NSF International (Michigan), a non-profit testing and certification organization, to verify the performance of commercial-ready drinking water systems.

In 1997, EPA initiated a partnership with Battelle (Ohio) to verify commercial-ready advanced monitoring systems, including onsite and remote air emissions, water, soil, and process monitors.

GREENHOUSE GAS

TECHNOLOGY

ADVANCED MONITORING SYSTEMS

POLLUTION PREVENTION SITE CHARA (P2), RECYCLING & WASTE MONITORING TREATMENT SYSTEMS

In 1996, EPA initiated a partnership with the State of California to verify commercial-ready pollution prevention, recycling, and waste treatment technologies

SOURCE WATER PROTECTION TECHNOLOGIES

In 1998, EPA initiated a partnership with NSF International (Michigan) to verify commercialready source water protection technologies, including onsite disposal systems, septic tanks. and water distribution systems.

P2 INNOVATIVE COATINGS & COATING EQUIPMENT

In 1996, EPA initiated a partnership with Concurrent Technologies Corporation (CTC) (Pennsylvania), a private sector testing organization, to verify commercial-ready, lower polluting innovative coatings and coating application techniques for metals and plastics.

EVTEC

In 1996. EPA began testing the option of a totally independent, private-sector approach to verification. The scope, procedures, and technology focus areas of this pilot are left solely to the Civil Engineering Research Foundation (Washington, DC).

AIR POLLUTION CONTROL TECHNOLOGY

In 1997, EPA initiated a partnership with Research Triangle Institute (North Carolina) to verify commercial-ready air pollution control technologies with an initial focus on NOx, fine particulates, and volatile and semi-volatile organics.

INDOOR AIR PRODUCTS

In 1995, EPA initiated a partnership with Research Triangle Institute (North Carolina) to verify the pollution prevention claims of products used in an indoor environment.

P2 METAL FINISHING **TECHNOLOGIES**

In 1998, EPA initiated a partnership In 1997, EPA initiated a partnership with with CTC (Florida) to verify commer-Southern Research Institute (Alabama) cial-ready metal finishing technoloto verify commercial-ready technologies that reduce hazardous air pollutgies that prevent and control greenants and prevent discharge of heavy house gas emissions. metals from metal finishing facilities.

TERIZATION AND ECHNOLOGIES

In 1995, EPA initiated a participal with Do Sandia National Laboratories (New Mexico) at DOE's Oak Ridge National Laboratory (Tenne see) to verify commercial-ready site characterization and environmental monitoring technologies.