



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

**OFFICE OF
AIR AND RADIATION**

**FACT SHEETS ON CLEAN AIR ACT
AMENDMENTS OF 1990**

BENEFITS

Protects Human Health

- * Cuts urban smog and other air pollutants, allowing 130 million people in 100 major cities to breathe healthier air. As a result, air-pollution-related deaths, chronic lung disease, asthma, cough, and eye irritation will be reduced**
- * Cuts dangerous air toxic emissions by up to 95%, reducing cancer fatalities and diseases of the lung, liver, kidney, thyroid, nervous system, blood and heart in the populations living near large industrial facilities**

Protects the Environment

- * Cuts acid rain emissions in half, reducing acidity in U.S. and Canadian lakes and rivers, reducing nitrogen loading of coastal waters like the Chesapeake Bay, and improving forest growth and agricultural yields**
- * Lowers air toxic deposition to the Great Lakes and Coasts**
- * Improves visibility and removes haze**
- * Reduces greenhouse gas emissions**
- * Phases out harmful ozone-depleting CFCs**

Improves National Energy Security

- * Cuts oil imports significantly by:
 - Creating incentives for new alternative automotive fuels**
 - Reducing reliance on oil for electricity generation****

KEY MILESTONES FOR IMPLEMENTATION

Title I - Nonattainment

- * States bring their existing control requirements into line with Federal standards within six months
- * Designation and classification of areas completed within 480 days
- * EPA guidances for State Implementation Plans (SIPs) issued within one year
- * Complete SIPS submitted by States within three years
- * First group of guidance documents for retrofit controls on existing sources issued within two years

Title II - Mobile Sources

- * Within one year new inspection and maintenance programs established in over 50 cities
- * Within two years, enhanced inspection and maintenance programs established in over 70 cities
- * New tailpipe regulations issued within six months; standards begin phasing in with the 1994 model year
- * Reformulated gasoline regulations issued within one year

Title III -- Air Toxics

- * MACT regulations for over 41 source categories issued within two years

Title IV - Acid Rain

- * Allowances for first phase of control program issued within 12 months; second phase six months later
- * Allowance trading regulations issued within 18 months
- * Continuous Emissions Monitoring regulations issued within 18 months

Title V - Permits

- * Permit regulations issued within one year

Title VI - Stratospheric Ozone Protection

- * CFC phase-out regulation issued within ten months

PROTOTYPE FOR FUTURE ENVIRONMENTAL LEGISLATION

- * Market-based regulations assure maximum cost-effectiveness**

- * Performance-based standards let industry decide how to achieve**

- * Requirements for steady progress provide flexibility and near-term environmental benefits**

- * Enhanced enforcement assures goals will be achieved**

- * New Federal/State partnership matches States' planning and permitting responsibilities with the necessary resources**

MARKET-BASED REGULATIONS ASSURE COST-EFFECTIVENESS

- * Acid rain allowance trading fosters least-cost reductions**
- * Clean-fuel credit trading and emissions trading allow refiners and automakers to meet requirements at least cost**
- * Fees or auctions for smog-causing emissions promote efficiency and cost-effective pollution prevention**
- * Incentives for early reductions will accelerate environmental benefits**

CONSENSUS-BUILDING AS BASIS FOR REGULATION

- * We recognize that we are in a joint venture with State and Local governments, and acknowledge their essential role**

- * We will use negotiation techniques to resolve critical issues with other interested parties, including government, industry, environmental groups, and academics**

- * We will work closely with other EPA offices and other Federal agencies to ensure coordination**



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**IMPLEMENTATION PRINCIPLES
FOR THE CLEAN AIR ACT OF 1990**

OFFICE OF
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PROMISE OF THE CLEAN AIR ACT

- o **"Every American expects and deserves to breathe clean air..."
President Bush**
- o **These principles will guide us as we turn the promise of the Act into a legacy of clean air.**

POLICY

- o **E³: Achieve and maintain a healthy environment, while supporting strong and sustainable economic growth and sound energy policy.**
- o **Market-based: Use market-based approaches and other innovative strategies to creatively solve environmental problems.**

BUILD CONSENSUS

- o **Joint Venture: Recognize the essential role played by state and local governments.**
- o **Negotiate: Use negotiation techniques to resolve critical issues with other interested parties, including other government organizations, industry, environmental groups, and academics.**
- o **Federal Coordination: Work closely with other EPA offices, other Federal agencies, and Congress to ensure a coordinated approach that will achieve environmental objectives in the most efficient manner possible.**

MANAGEMENT

- o **Deadlines: Establish and meet commitments to effectively implement key provisions of the Act.**
- o **Team Effort: Work together; attract and retain a diverse and talented workforce.**