

**HOW WELL ARE YOUR
ENVIRONMENTAL
COMPLIANCE AND
ENFORCEMENT PROGRAMS
WORKING?**

**COULD THEY BE MORE
EFFICIENT?**

**COULD THEY BE MORE
EFFECTIVE?**

**COULD RESOURCES BE
BETTER TARGETED?**

To determine which activities are more effective in securing compliance, and at what cost, **develop a suite of environmental compliance and enforcement indicators.**

**WHAT GETS
MEASURED
GETS DONE**

The International Network for Environmental Compliance and Enforcement (INECE) is a network of governmental and non-governmental compliance and enforcement practitioners from more than 150 countries.

For more information about INECE, please visit our Web site at <http://inece.org> or contact:

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**INECE Web Forum on
Environmental Compliance and
Enforcement Indicators**

Visit <http://inece.org/indicators/> to access:

- *The Performance Measurement Guidance for Compliance and Enforcement Practitioners*
- Proceedings from the INECE-OECD Expert Workshop on Environmental Compliance and Enforcement Indicators
- Information on current pilot projects
- Transcripts of expert discussions



The International Network for Environmental
Compliance and Enforcement

**MANAGING
RESOURCES**

**MEASURING
PERFORMANCE**

**IMPROVING
DECISION-MAKING**

An Introduction To
**Environmental
Compliance & Enforcement
Indicators**

WHAT ARE COMPLIANCE AND ENFORCEMENT INDICATORS?

Environmental compliance and enforcement indicators are instruments that measure results achieved by environmental compliance and enforcement programs. This information helps decision-makers to **improve the effectiveness and efficiency** of those programs.

WHY ARE INDICATORS IMPORTANT?

By identifying, designing, and using performance indicators, senior officials can better **evaluate** and **communicate** how effectively environmental compliance and enforcement programs respond to priority environmental problems.

Indicators can improve:

- Program Operations
- Ability to Set Goals and Adjust Strategies
- Decision-Making for Resource Allocation
- Identification and Correction of Performance Issues
- Ability to Motivate Employees
- Accountability
- Communications with the Public
- Efficiency and Effectiveness of Programs

WHAT TYPES OF INDICATORS ARE COMMONLY USED?

INPUT INDICATORS
<i>Resources</i>
Personnel Funds for salaries, contracts, computers, etc.
OUTPUT INDICATORS
<i>Activities</i>
Inspections conducted Enforcement actions taken Fines assessed and collected
INTERMEDIATE OUTCOME INDICATORS
<i>Behavior Changes</i>
Greater understanding of how to comply Improved environmental management practices Increased compliance
FINAL OUTCOME INDICATORS
<i>Environmental Impacts</i>
Reduced pollution emissions Improved ambient water quality Reduced contaminant burden in wildlife

A **logic model** can be a useful tool for identifying and organizing performance indicators. The basic logic model (*above*) progresses through 4 indicator types. The first two – *input & output* – describe an agency's resources and activities. The second two – *intermediate outcome & final outcome* – describe the impacts of those efforts.

WHAT SUPPORT IS NEEDED FROM SENIOR LEVELS?

Creating a useful system of indicators may require **long-term commitment** from senior management, including:

- Raising Awareness of the Importance of Performance Management
- Dedicating Staff Time for Data Collection & Dissemination
- Creating an Environment where Staff Feel Comfortable Sharing Data
- Funding Indicator Pilot Projects
- Working with INECE to Build on Collective Experiences with Indicators

HOW DOES INECE HELP?

INECE **builds capacity** of environmental compliance & enforcement decision-makers, **develops tools and facilitates trainings** for practitioners, and **promotes** performance measurement as a fundamental practice for achieving good compliance.

INECE has developed a **Performance Measurement Guidance** that presents practitioners with definitions and a methodology for the identification, design, and use of these indicators.

INECE facilitates **pilot projects** in developed and developing countries on pollution and biodiversity issues.

