


INDICATOR DEVELOPMENT FOR THE US-MEXICO BORDER



DESARROLLO DE INDICADORES PARA LA FRONTERA MÉXICO-ESTADOS UNIDOS

Ciudad Juárez, México – Feb. 2005

Border Indicators Task Force (BITF)



PRESENTATION OBJECTIVES:

- Background
- Summarize progress
- Present initial results:
 - Strategy
 - Preliminary Indicators List
- Ask for feedback
- Next steps

ORIGIN: 1983 La Paz Agreement between the US and Mexico for environmental cooperation in the border region

COORDINATORS:

- * Mexico's Secretariat of Environment and Natural Resources
- * US Environmental Protection Agency

Participants:

- Ten border states
- Tribes on the US side of the border



MISSION

Protect the environment and public health in the U.S.-Mexico border region, consistent with the principles of sustainable development

GOALS

- Reduce water contamination
- Reduce air pollution
- Reduce land contamination
- Improve environmental health
- Reduce exposure to chemicals
- Improve environmental performance

ORGANIZATION

- Ten year program emphasizing a bottom-up approach
- Binational workgroups and policy fora
- Federal, state, and local representatives, NGOs, and academic organizations

Border Indicators Task Force (BITF)



BACKGROUND

- Officially constituted at the National Coordinators Meeting in Matamoros, Tamps., December 2003
- Collaboratively works with the various entities of the Program

OBJECTIVE

- To build, administer and disseminate a set of environmental and public health-based indicators that measure progress toward meeting Border 2012 goals and objectives and assess changes in the region's conditions

The Border 2012 indicator development process can be divided into six distinct steps:

1. Define the information need
2. Develop a conceptual framework
3. Formulate potential indicators
4. Evaluate potential indicators on the basis of selection criteria
5. Adopt/develop/implement indicators
6. Review indicators

Information Needs

TYPE OF INFORMATION for indicator development

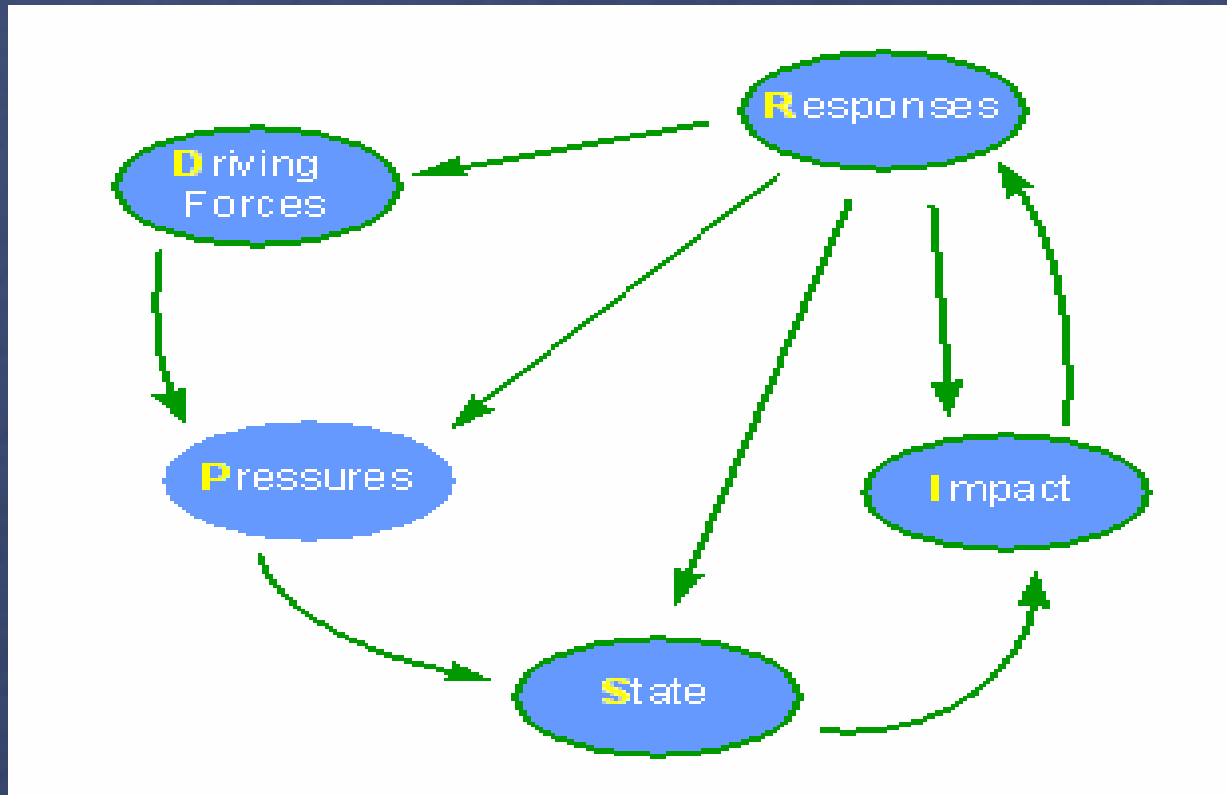
- Priority Areas (program objectives)
 - Media-specific
 - Cross-dimensional themes
- Binational Information

Step I: Define the information needed

Conceptual Framework



DPSIR Framework (Driving Forces-Pressures-State-Impact-Response)



Step 2: Develop a conceptual model

Possible Indicators

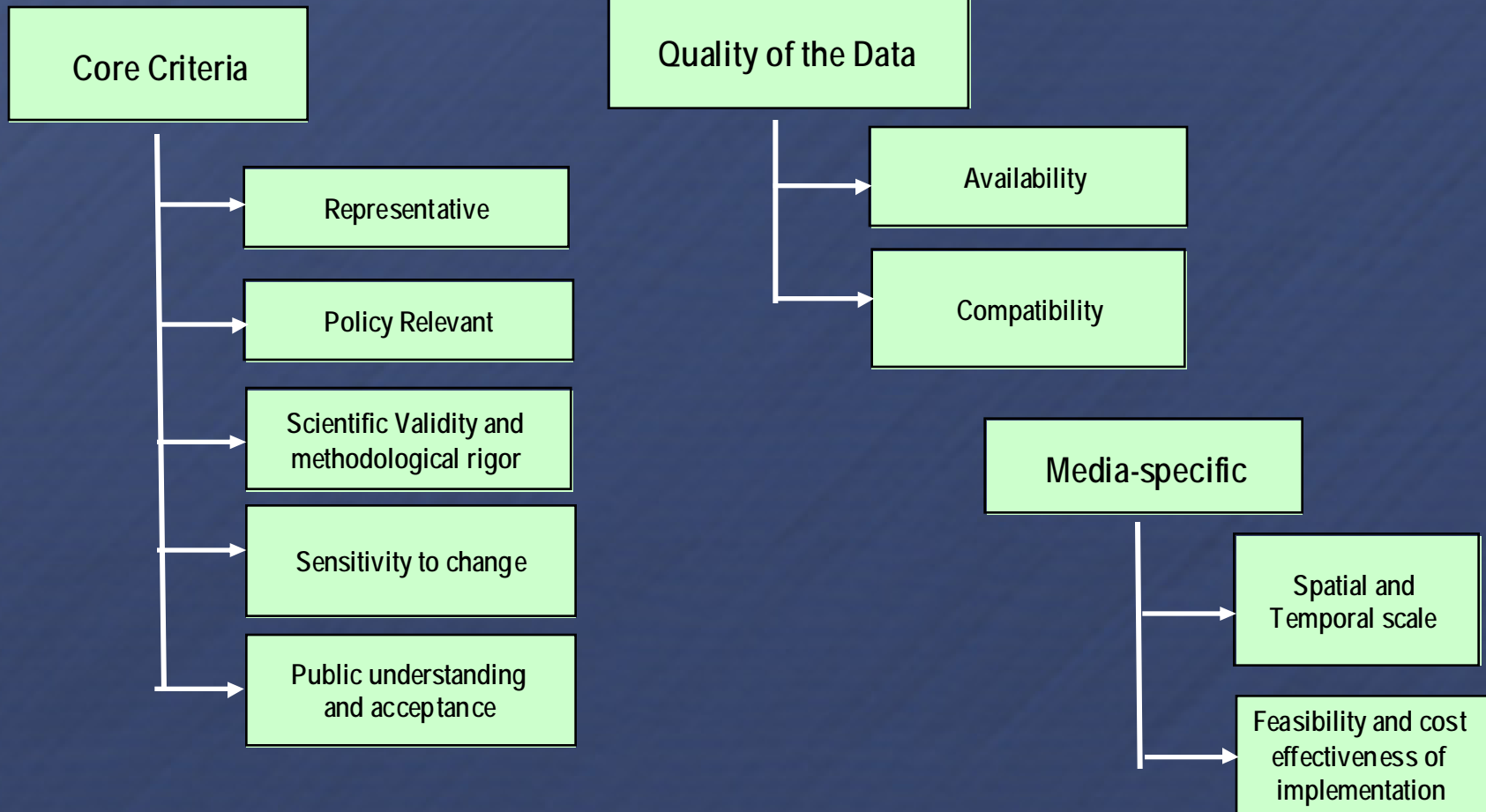
- ✓ Border XXI
- ✓ Review of national and international literature
- Feedback from the various Border 2012 workgroups

PROPOSED INDICATORS SHOULD BE:

- **Relevant to Program goals and objectives**
- **Representative of the actions being implemented by the workgroups**

Step 3: Formulate potential indicators

Selection Criteria



Step 4: Evaluate potential indicators on the basis of selection criteria

Adopt/Develop/Implement



- **Environmental Indicators**
 - Communicate information regarding the region's environmental and health conditions
- **Program Indicators**
 - Communicate information regarding environmental management activities and targeted response measures

Step 5: Adopt/develop/implement indicators

Review Indicators

REVIEW every 2 years

???

Technology,
Needs change,
Improvement
of conditions

- + Purpose
- + Data collection and management
- + Data reliability
- + Quality assurance
- + Information
- + Limitations
- + Conclusion of the indicator

Step 6: Review of Indicators

Timeline

- February 2005 Present the Binational Set of Border 2012 Indicators to the Border Indicators Task Force for discussion, revision, refinement and approval
- March 2005 Formal presentation of the Binational Set of Border 2012 Indicators during the National Coordinators Meeting; request feedback from all Program stakeholders
- April 2005 Refine the Binational Set of Border 2012 Indicators with the feedback received from Program stakeholders

Timeline

- | | |
|-----------------------|--|
| May/June 2005 | Present the modified version for final review and approval by Program co-chairs |
| June 2005 | Official adoption of the Indicators for the Border 2012 Program by the National Coordinators |
| March/
August 2005 | Data collection |
| September 2005 | Publish first edition of the Binational Set of Border 2012 Indicators |

Discussion Questions

- **Do these indicators address the objective?**
- ¿Cubren estos indicadores los aspectos principales de la meta?
- **Which of these indicators is a priority?**
- ¿Cuál de estos indicadores es prioritario?
- **Is data available?**
- ¿Existen datos disponibles?
- **Are these indicators representative of current activities?**
- ¿Son estos indicadores representativos del trabajo que se está realizando?
- **Additional indicators?**
- ¿Indicadores adicionales?

Work Plan 2005

Plan de Trabajo 2005



Planning and collaboration / Planeación y colaboración

- **How can BITF be of assistance to the various border groups?**
- ¿Cómo puede el BITF apoyar el trabajo de los otros grupos del programa?
- **How should BITF interact with the various border groups?**
- ¿Cómo puede el BITF interactuar con los otros grupos?
- **What sources of resources are available for indicators?**
- ¿Qué recursos están disponibles para el desarrollo de indicadores?