Scientists' Coalition for an effective Plastics Treaty

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Science-Policy Interface for Plastic Pollution | Report Launch

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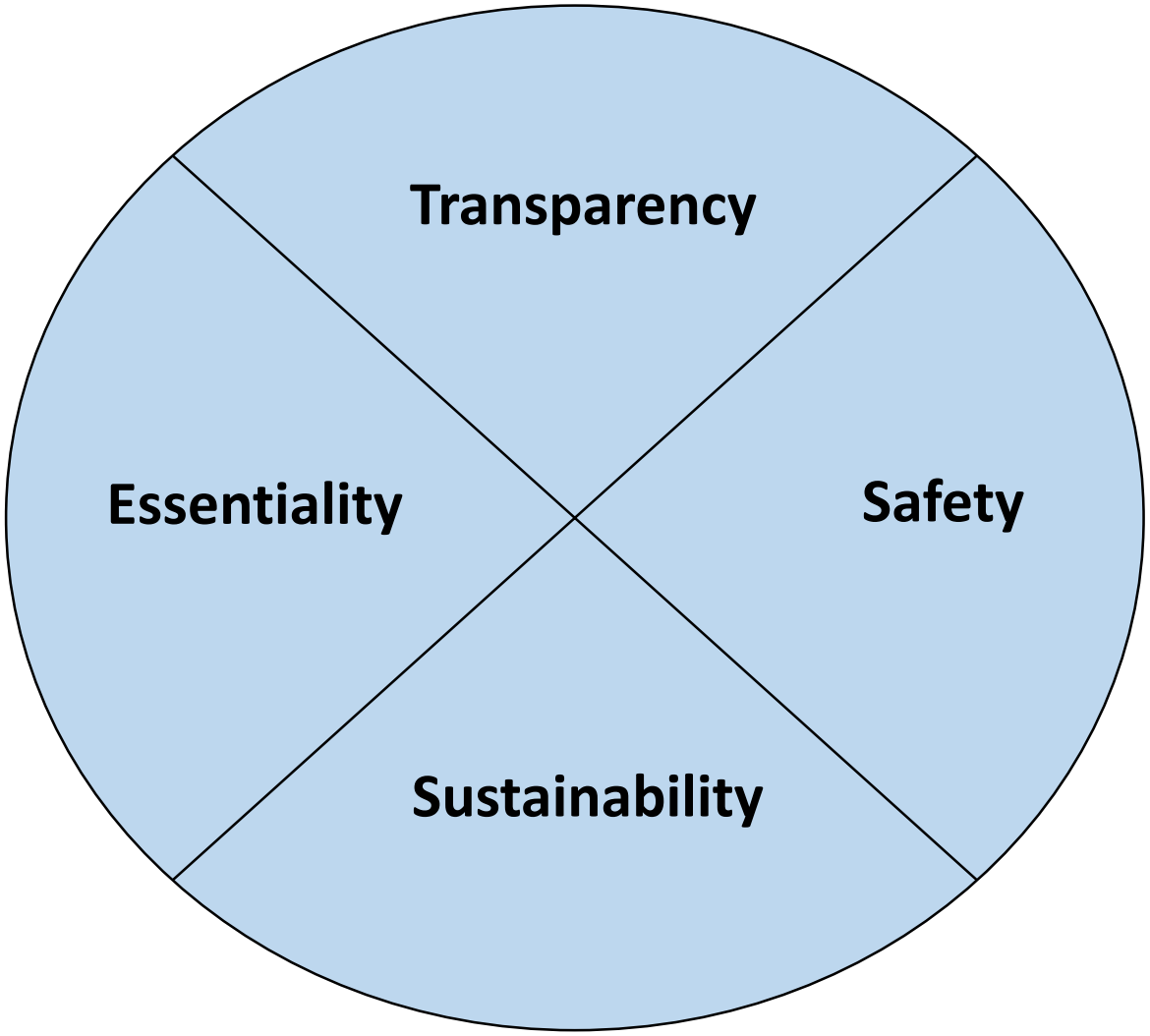
@litterlifecycle

IGES

Assessment criteria



- Plastics-associated chemicals
- Polymers
- Products
- Technologies (extraction, production, use, waste management, removal and remediation)
- Systems/services (e.g., reuse)

Including assessment of plastics alternatives (bioplastics) and material substitutes

- **Credibility** (transparency, openness to critique, & scientific independence)
- **Legitimacy** (broad participation & ownership)
- **Salience** (tailored outputs)
- **Agility** (built-in review & scientific flexibility)

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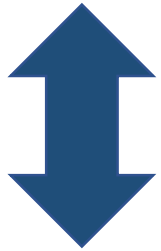
Dedicated Science-Policy Interface



Hybrid Regulatory System

- Prohibited
- Restricted
- Permitted
- Exempt

Key Principles for an Effective Science-policy Interface

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- **Transparency**:
  - Sources of information and the methods.
  - Make scientific information and data accessible.
- **Scientific Integrity**:
  - Scientific process is based on peer review, research ethics.
  - Guard against bias, manipulation, distortion of scientific findings to serve specific policy agendas.
- **Independence**:
  - Independence from political or corporate influence.
  - Protect scientists from undue pressure to conform to specific policy positions.
- **Inclusivity**:
  - Involve a diverse range of experts and stakeholders in the science-policy dialogue.
  - Strive for a balance between various considerations (economic, environmental, and social concerns).
- **Ethics and Conflict of Interest**:
  - Guidelines and mechanisms to identify and manage conflicts of interest.
  - Disclosure of financial, personal, or institutional interests.

Key Principles for an Effective Science-policy Interface (Contd.)

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➢Communication and Engagement:

- Effective communication between scientists and policymakers, emphasizing plain language and clarity.
- Translate complex scientific information into understandable terms for non-expert audiences.
- Involve the public in the science-policy dialogue (trust, understanding, increase the legitimacy).

➢Accountability:

- Scientists and policymakers accountable for their roles in the science-policy interface.
- Review/evaluate effectiveness of interface in providing evidence-based policy recommendations.

➢Long-term Perspective (and flexibility):

- Recognize the importance of a long-term vision in science-policy interactions, as some issues require sustained engagement and monitoring.
- Adapt to changing circumstances and emerging scientific knowledge while maintaining a strong commitment to evidence-based decision-making.

➢Regional Context:

- Specific challenges and opportunities that need to be considered.

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Get in touch:

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