

## Industry perspective on identifying chemicals and polymers of concern

- ICCA – International Council of Chemical Associations
- Long history in collaborating to advance chemicals management globally: SAICM, GHS implementation, capacity building, promoting regulatory cooperation and mutual recognition
- ICCA supports the International Legally Binding Instrument (ILBI) on plastic pollution
- Advocating for the ILBI to accelerate a circular economy for plastics as a key solution to end plastic leakage and resulting pollution

A graphic for the 'Global Partners for Plastics Circularity' campaign. It features a central image of the Earth from space, showing the Americas and Africa. The background is a light blue gradient with white curved lines. In the top right corner is the 'Global Partners for Plastics Circularity' logo. Below the Earth image, the text reads: 'OUR AMBITION: TO ELIMINATE PLASTIC POLLUTION'. Underneath that, in smaller green text: 'Championing a global agreement for a sustainable, circular economy.' At the bottom, the website 'PlasticsCircularity.org' is listed.

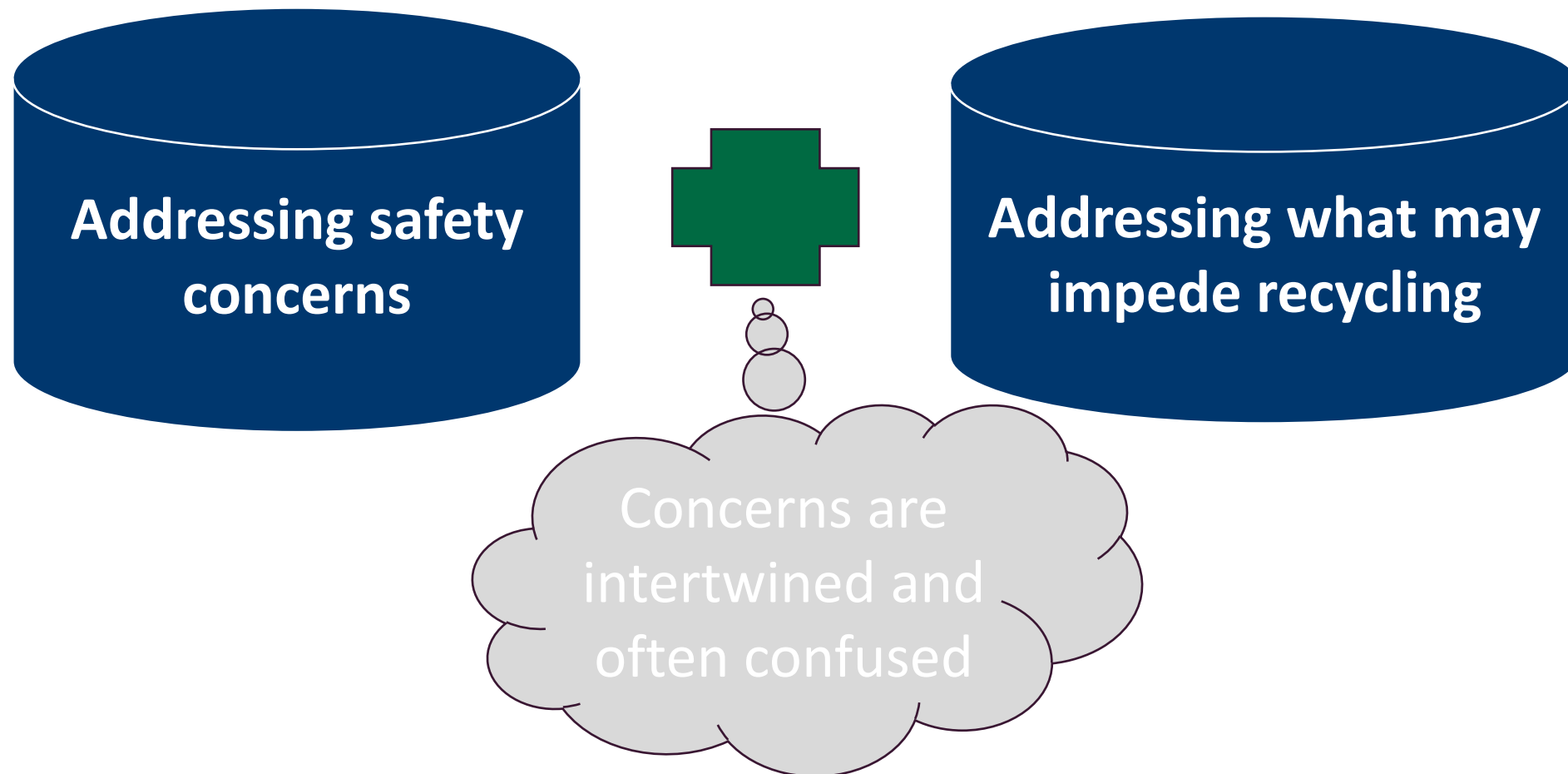
GLOBAL PARTNERS FOR  
**PLASTICS  
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PLASTIC POLLUTION**

Championing a global agreement  
for a sustainable, circular economy.

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## Practicing a safe and enhanced circular economy



# Practicing a safe and enhanced circular economy

## Safety

Additives in plastics are **chemicals** – many widely used in several applications beyond plastics

**Chemicals are regulated** through national, regional and international chemical management programs, as well as **comprehensive end-use regulations**, including sensitive applications like food contact

**It is critical to use, strengthen, and not duplicate or undermine** existing chemical management and regulatory programs



**Chemical management gaps** should be closed through capacity building, mutual recognition and regulatory cooperation

**Opportunity to increase transparency on additives in commerce and enable improved risk assessments**

ECHA/plastic makers initiative\* on additives in commerce in the EU, characterized release of additives and information needs to protect workers, consumers and the environment



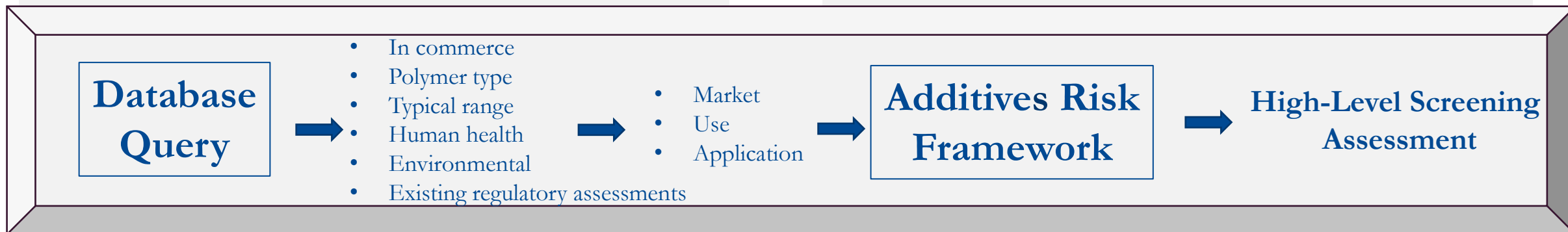
# Addressing calls for transparency on additives to enable risk management

## Database on Additives in Commerce

- “Go to” source for additives used in plastic
- Comprehensive, tying use information with safety and regulatory data
- Provide a broader understanding of additive use and regulatory status
- **Actively seeking collaborations and input from regulatory, academic, and NGO partners in an expert panel to implement this vision**

## Risk Assessment Framework

- Integrated within database to enable safe use, recycling, and informed decision-making
- Identify what **hazards** may be present, assess potential **exposures**, and determine **risks** to human health or the environment **across the lifecycle including recycling**, while taking existing precautions and regulatory structures into account
- Including issues, data gaps, and complexities to consider, and useful tools and practices



# Practicing a safe and enhanced circular economy

## Enhancing recycling through better design

Need **global common provisions on “design for recyclability”** taking into account sectoral and market specificities

**Guidance on recycling and additive use** would enable more valuable recycling streams, e.g., some additives enhance recycling and recoverability of waste streams.

**Quality standards for plastic recyclates for different end uses and polymer types** (e.g., CEN and ISO standards) are developing taking into account capabilities of emerging recycling technologies to address chemical content

- Visit [PlasticsCircularity.org](https://PlasticsCircularity.org) to learn about our industry ambition for the ILBI
- [Progress dashboard](https://plasticscircularity.org/our-progress/) including Design for Circularity examples: <https://plasticscircularity.org/our-progress/>
- Other [resources](https://plasticscircularity.org/resources/), including on additives: <https://plasticscircularity.org/resources/>
- Welcome input as we shape the additives database and the related risk assessment framework



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