

The International Standardisation Experience:

How can international standards enable effective development of robust reuse systems?

2 October 2025



The Global Alliance to Advance Reuse

A PROJECT OF **RESOLVE**

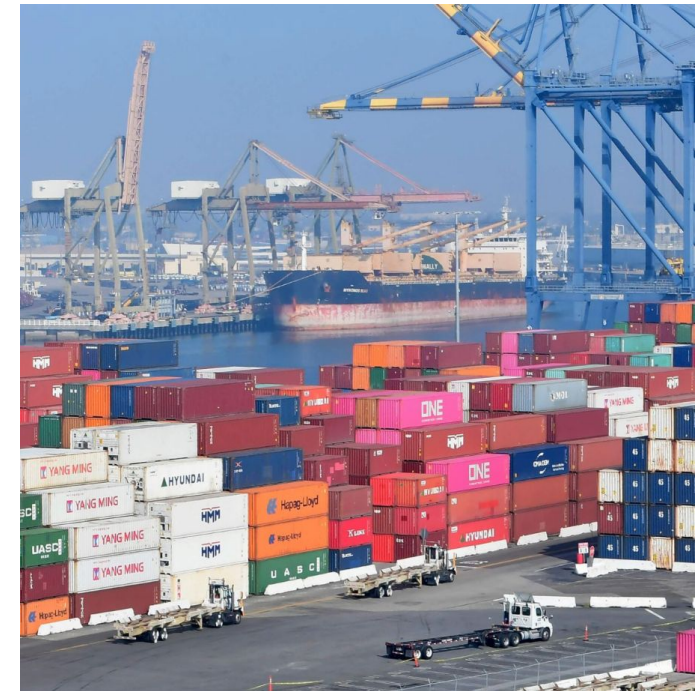


Standards

The language of industry

Businesses, communities, and consumers benefit from consistent rules when developing new systems

- Create certainty and unlock investment
- Create efficiencies that lower costs
- Accelerate behavior change
- Promote environmental performance, accessibility, and equity





- Global consensus body
- Balance
- Transparency
- Public comment
- Dispositioning & appeals
- Multi-national

PR3 Standards are offered free of charge



PR3 Standards Panel

A diverse consensus body ensures reuse systems are effective and inclusive

Industry representation (up to 50% of panel)

Multinational Consumer Goods & Retail

- Ahold Delhaize
- Nestle
- Target
- The Beer Store & Brewer's Distributor, Inc.*
- The Coca-Cola Company, NA*
- Tim Hortons*
- Unilever

Manufacturers

- Anchor Packaging
- Milton Innovations
- Tomra
- Veritiv

Global Associations

- African Reuse Workgroup
- Asia Reuse Consortium
- Australian Packaging Covenant Organization
- Canadian Bottled Water Association*
- Canadian Plastics Pact*
- New European Reuse Association
- PAC Global
- Searious Business
- US Plastics Pact

Small & Medium Reuse Enterprises

- | | |
|------------------------|----------------------|
| ▪ 99Bridges | ▪ LimeLoop |
| ▪ Again Again | ▪ Loop/TerraCycle |
| ▪ Algramo | ▪ Muuse |
| ▪ Arrrise, Ltd.* | ▪ Okapi |
| ▪ Bo | ▪ r.World |
| ▪ Bold Reuse | ▪ Re:Dish |
| ▪ Circulr* | ▪ re-universe |
| ▪ Cup Zero | ▪ Reusables.com |
| ▪ Dispatch Goods | ▪ Revino |
| ▪ Dotch | ▪ ShareWares |
| ▪ Earth & Organics | ▪ Trace It, LLC |
| ▪ Earthware Reusables* | ▪ TriCiclos |
| ▪ ECHO Systems | ▪ Ture |
| ▪ Enviu | ▪ Unpackaged Systems |
| ▪ Friendlier* | ▪ Vessel Works |
| ▪ Heket Packaging | ▪ Xiclo |
| ▪ Huskee | |

* CSA Technical Committee

PR3 Standards Panel

A diverse consensus body ensures reuse systems are effective and inclusive

Non-industry representation (at least 50% of panel)

Consumers & Workers

- Adansonia.Green
- Alliance of Mission-Based Recyclers
- Consumer Reports
- GAIA
- Hasiru Dala (waste pickers)
- Mother Earth Foundation

Others

- CSA Group
- Circular Innovation Council*
- ECOS
- GS1 Canada*
- KIDV - Netherlands Institute for Sustainable Packaging
- Packwise
- Perpetual
- Reverse Logistics Association
- Independents

Health & Environment

- Anthesis Group
- Break Free from Plastic
- Californians Against Waste
- Center for Environmental Health
- Clean Water Fund
- Descendants Project
- Diet Plastik Indonesia
- Eunomia
- Food Packaging Forum
- Greenpeace
- Natural Resources Defense Council
- Oceana
- Plastic Free Future
- Safer States
- Story of Stuff
- Surfrider
- Upstream

Communities & Governments

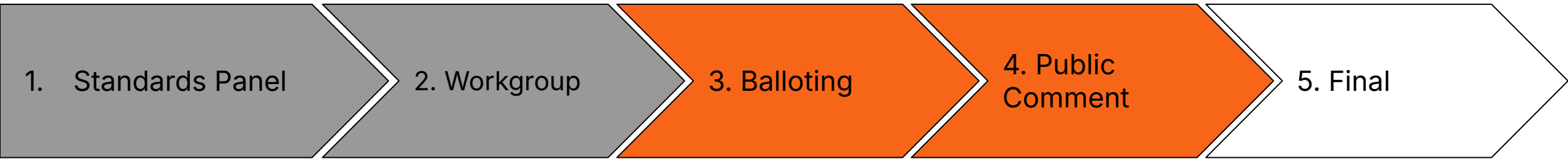
- China Biodiversity Conservation & Green Development Foundation
- Chile Plastics Pact
- City of Edmonton*
- City of San Francisco
- City of Seattle
- Environment & Climate Change Canada*
- Region of Peel*
- US Department of Agriculture
- Zero Waste Europe
- Zero Waste Hawai'i Island
- Zero Waste Malaysia

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PR3 Standards



RES-001: Container design

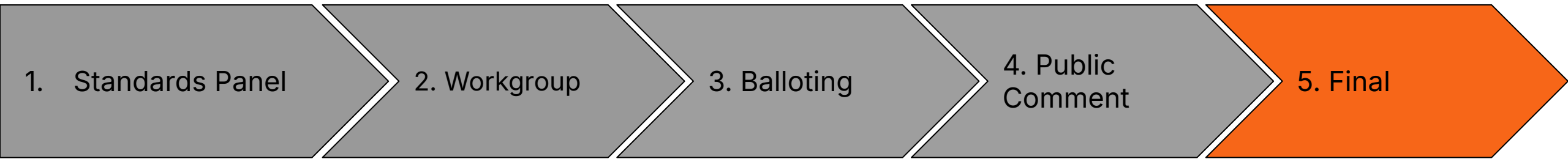


Certification for: Container manufacturers

Covers:

- Minimum durability of 45 uses, with increases based on return rate
- Restricted materials and chemicals aligned with PlastChem Report
- Geometry and texture that enhances washability
- **Component requirements (reconditioning)**
- **Recyclability (according to APR & RecyClass guidelines)**

RES-002: Washing, inspecting & packing for distribution



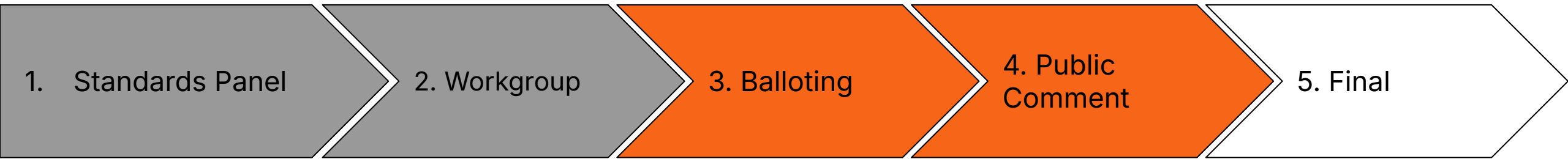
Certification for: Washing facilities

Published: July 2025

Covers:

- Facility layout
- Employee protections
- Washing, sanitizing, & drying
- Inspection
- Packing for distribution
- Standardized record keeping

RES-003: Marking & labeling



Certification for: Reuse system operators

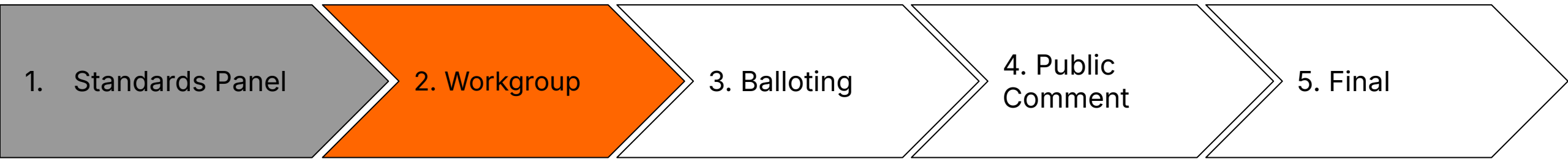
Covers:

- **Global reuse symbol**
- Global reuse color
- Requirements for container markings
- Requirements for collection point markings
- Recommendations for reuse signage

*** Symbol announcements November 2025 ***



RES-004: Digital



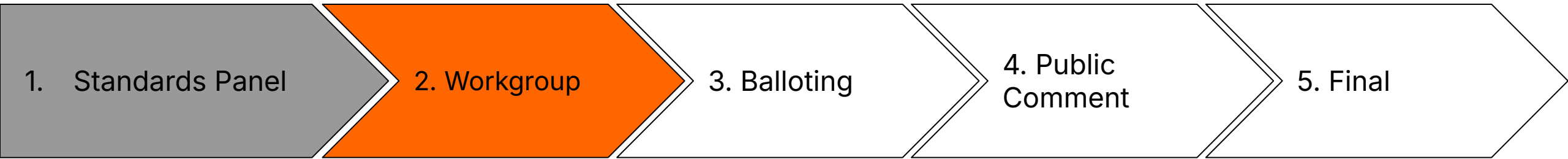
Certification for: Reuse system operations

Covers:

- Recommends digital language for reusable containers and collection points
- Uses GS1 to incorporate reuse data with POS
- Standardizes data elements
- Enables diverse incentive programs



RES-005: System Operations & Performance

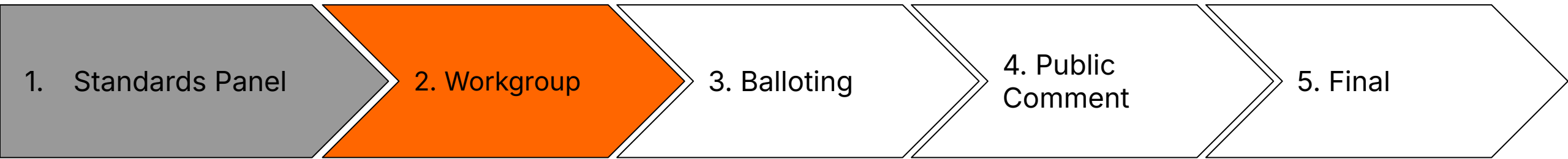


Certification for: Reuse system operators

Covers:

- Requirements to calculate:
 - return rate
 - decommissioning rate
 - use-cycles (rotations)
- **Minimum # of use-cycles based on potential to reduce waste (currently)**
- System record keeping, data, and metrics

RES-006: Collection Points



Certification for: Collection point manufacturers

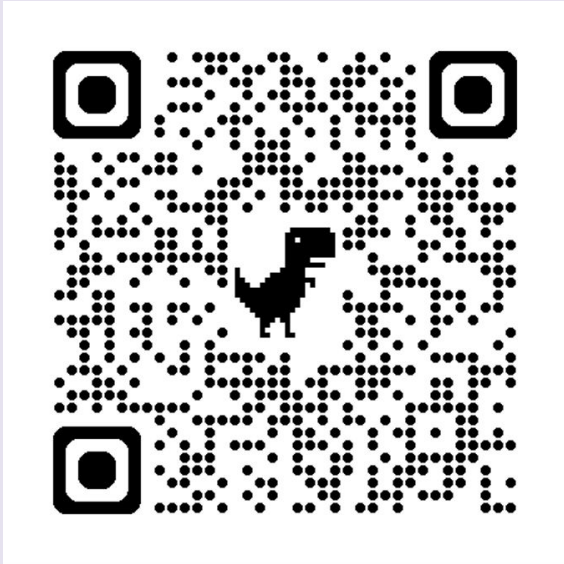
Covers:

- Accessibility
- Safety & security
- Adaptable to new packaging formats

**** GOAL: 6 standards finalized by early 2026 ****

For more information

www.PR3standards.org



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