



Understanding the role of standards & best practice in circular plastics

Unifying efforts – setting standards and best practice for ending plastic waste

Dr Naomi J Boxall | Ending Plastic Waste Symposium | August 2024

Australia's National Science Agency



S&BP and the circular economy

Standards:

Safety, consistency, reliability

Product, services, systems

International, regional, national

Best Practice

Procedures, policies, guidelines

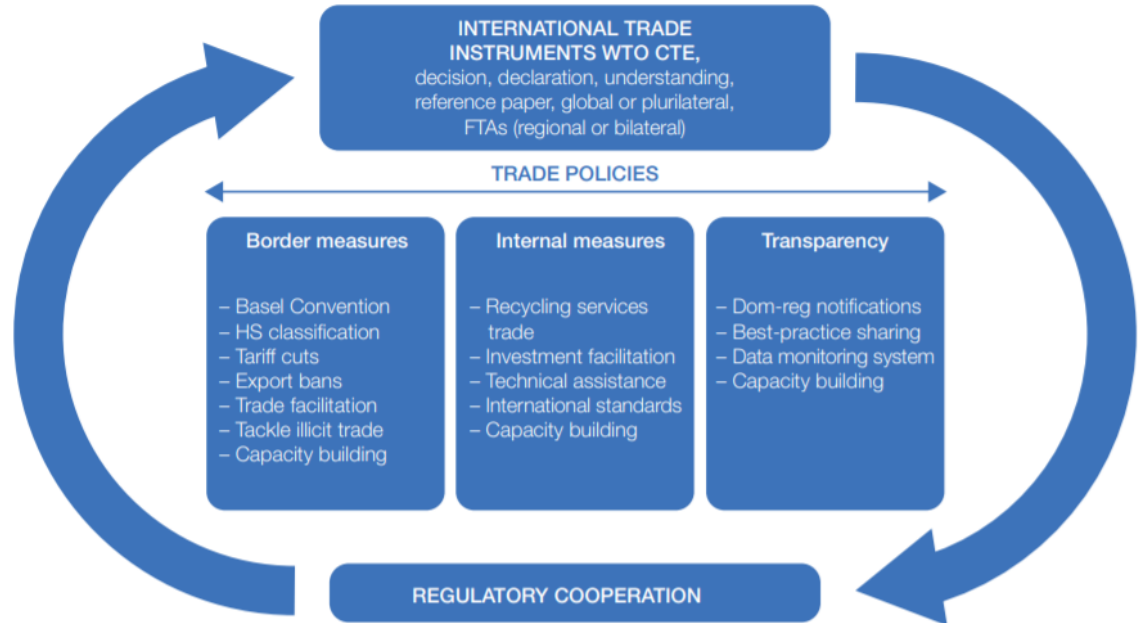
Accepted or prescribed as
being correct or most effective

Industry, sector focus



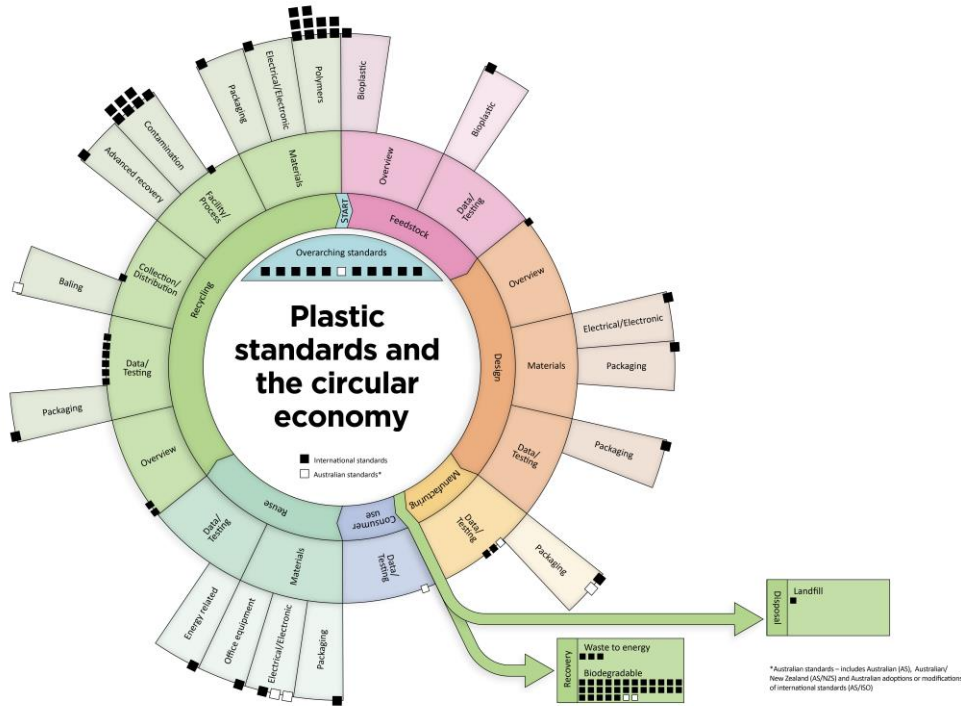
S&BP can be instruments (or barriers) for global trade

- Diverse standards & language across value chains
- Lack of traceability
- Limited (& poor quality) data
- Poor knowledge sharing



WEF, 2020

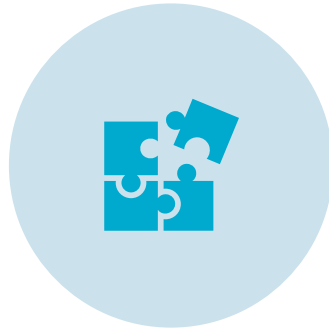
Standards mapping for circular plastics



Industry best practice & knowledge sharing



COLLABORATION



INNOVATION



PRODUCTIVITY

Circular Economy standards



ISO 59000 series

ISO 59 004

**Circular Economy – Terminology,
Principles and Guidance for implementation**

ISO 59 010

**Circular Economy – Guidance
on business models and value
networks**

ISO 59 020

**Circular Economy – Measuring
and assessing circularity**

ISO 59 040

**Circular Economy – Product
Circularity Data Sheet**

ISO 59 014

**Secondary materials –
Principles, sustainability
and traceability
requirements**

ISO TR 59 031 – Circular Economy – Performance based approaches

ISO TR 59 032 – Circular Economy – Review of business model implementation

