



# WASTE AUDITOR TRAINING

PUTTING CIRCULAR  
ECONOMY CONCEPTS  
INTO ACTION



# CIRCULAR INNOVATION COUNCIL

- Originally the Recycling Council of Ontario established in 1978.
- Initial focus on waste reduction and recycling, and instrumental in establishing the first global Blue Box program in 1984.
- Unique, multi-stakeholder membership including governments, industry, academia and citizens
- Facilitate dialogue between interests to advance solutions



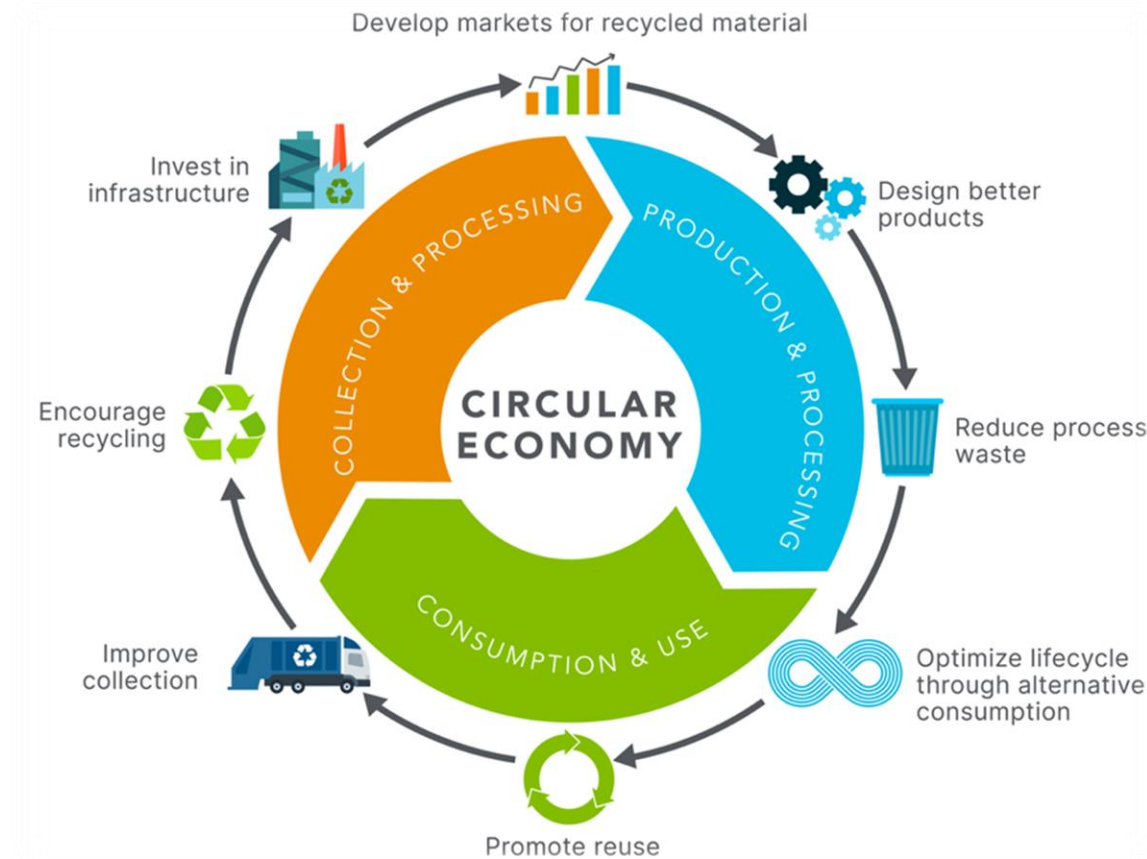
# CIRCULAR ECONOMY AS A CONCEPT

Based on principles driven by design:

- Eliminate waste and pollution
- Circulate products and materials (at their highest value)
- Regenerate nature

Underpinned by transition to renewable energy and materials in addition to 3Rs.

Redefine growth focusing on positive society-wide benefits.



# STANDARDIZATION OF WASTE AUDITING

- Waste audit methods and results vary widely.
- Questions about objectivity and accuracy with many waste audit providers.
- No clear province-wide measure of performance.
- In order to manage materials, they must be measured.
- Difficult to reproduce and compare findings year over year.
- Audit data unreliable.

# STANDARD WASTE AUDIT METHOD (SWAM)

## Background

- Developed in 2012 as part of 3RCertified program.
- In consultation with regulatory authorities, industry experts, post-secondary institutions, reviewed other waste audit methods around the world.
  - O. Reg. 102/94: WASTE AUDITS AND WASTE REDUCTION WORK PLANS
  - O. Reg. 103/94: INDUSTRIAL, COMMERCIAL AND INSTITUTIONAL SOURCE SEPARATION PROGRAMS
  - O. Reg. 104/94: PACKAGING AUDITS AND PACKAGING REDUCTION WORK PLANS

# TRAINING OVERVIEW

- Auditing Principles
- Code of Ethics
- Related Regulatory Requirements
- Solid Waste Audit Techniques
  - Hands-on
- Sampling Methodologies
- Data Analysis & Performance Indicators
- Reporting

# WASTE AUDITOR TRAINING SCHEDULE

- Day 1 – Zoom
  - Auditing principles, code of ethics, IC&I regulations, general waste audit activities.
- Day 2 – Hands on waste audit at a selected location
  - In person staged waste audit as a team exercise with an experienced instructor.
- Day 3 – Zoom
  - Discussion on waste audit findings and instruction on benchmarking and data analysis.
  - Creating audit reports, waste reduction work plans.
- Day 4 – Zoom
  - Revision and Q&A followed by final exam.
  - Short and essay style questions, case studies and data analysis.

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