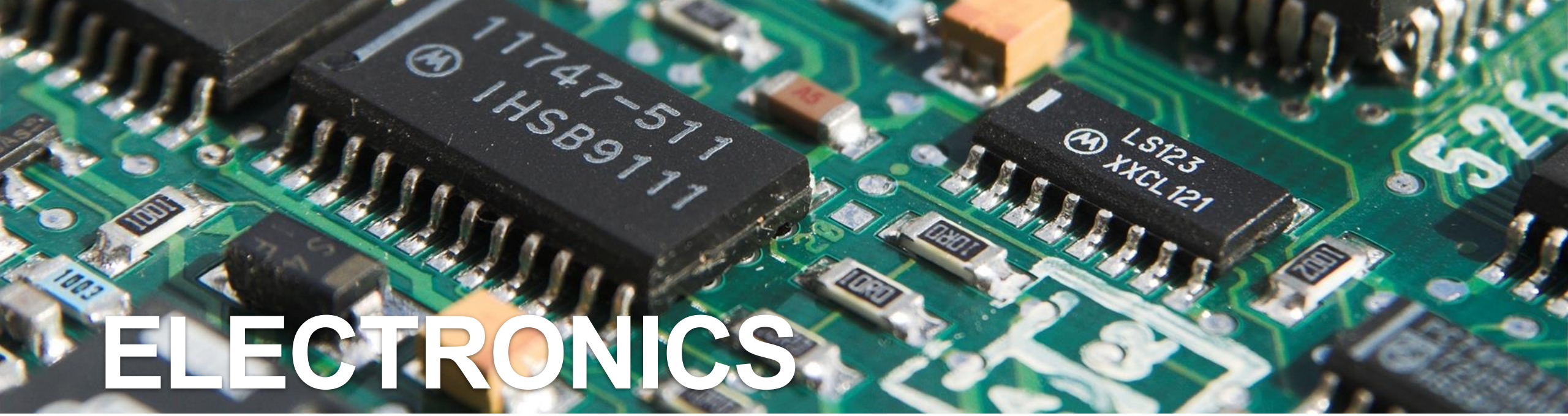
Alberta recycling

MANAGEMENT AUTHORITY



ELECTRONICS

Electronics Recycling Program (Renewables) – Solar Panel

Alberta recycling MANAGEMENT AUTHORITY

History and Background

May 2022:
Electronic Pilot

Directed by the Minister, ARMA conducted feasibility studies of recycling of solar panels through the expanded electronics pilot program between May 2022 and March 31, 2025.

ARMA partnered with NAIT to assess redeployment and reuse of solar panels

August 2024:
Regulatory Amendment

The GoA announced provincial stewardship programs under ARMA to manage 3 renewable energy material streams (solar, wind, and EV batteries).

The GoA highlighted solar as the top priority.

March 2025:
Solar Recycling Research

ARMA conducted research in consultation with the provincial government.

August & September 2025:
EPA Stakeholder Engagement

EPA engaged stakeholders to identify policy options for end-of-life solar panel management.

February 2026:
Solar Recycling Policy

ARMA received the policy directions from GoA.

April and June 2026:
ARMA Information Sessions

Program Information Session with targeted stakeholders.

Registration Information Session with Suppliers.

September 2026: GoA Solar Announcement

The GoA announces the $14 eco-fee and landfill ban.

October 2026:
Electronics Recycling Program (Renewables) - Solar Panel

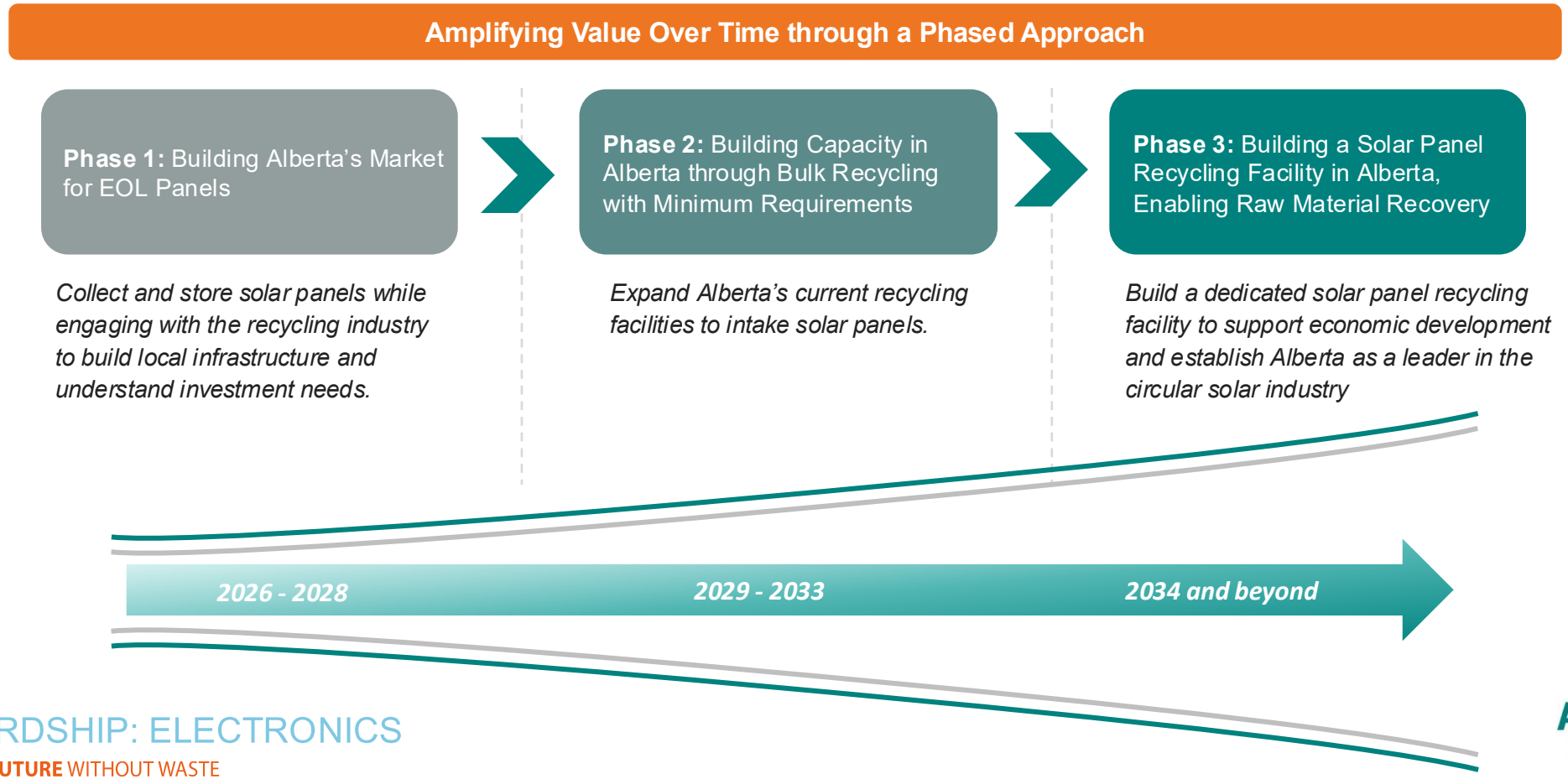
Canada launched its first solar panel recycling program on October 1, 2026.

Policy Directions – GoA

Management of Legacy Panels	• ARMA led stewardship model for end-of-life management of all solar panels, legacy and new
Retroactive Eco-Fees	• Do not apply fees retroactively
Modulated Eco-Fees	• Implement a blended rate
Recycling Investments	• Support investment to build capacity for recycling. • Enable development of recycling infrastructure for made-in-Alberta solutions.
Landfill Ban	• Provincial landfill ban on solar panel disposal.
Recycling Standards	• Introduce recycling standards for solar panels, as needed, aligned with international standards.
Reuse Standards	• Enable solar panel reuse • Introduce reuse standards for refurbishment and reuse

Program Phased Implementation Approach

Given Alberta's EOL volumes and recycling maturity, a phased approach is recommended to build capacity over time.



THANK YOU!

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