



AUTOMOTIVE RECYCLERS ENVIRONMENTAL ASSOCIATION

INDUSTRY STEWARDSHIP

For the

The Automotive Dismantling Sector

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Presentation

□ **Automotive Recycling**

- Scope of industry

□ **Legal Requirements**

- Primarily Provincial Legislation

□ **Industry Stewardship**

- Self Management

□ **Future Focus of Industry**

- Vehicle Scrappage Programs
 - Vehicle Recycling Depots
 - Other Stewardship Programs
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Automotive Dismantling in BC

- Approximately 120,000 ELVs / yr in BC
 - About 30,000/yr from insurance – primarily ICBC;
 - Approximately 200 Auto Dismantlers
 - About 2000 people employed;
 - About \$200 million in economic activity;
 - Focus is on **REUSE** of tires, batteries and OEM parts.
 - Dismantling or recycling ELVs is an **ACTIVITY** that can have an impact on the environment – hence the opportunity for **Industry Stewardship**
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Legal Requirements

- ELVs have variety of hazardous materials:
 - Refrigerants (R12 and HFC134a);
 - Mercury Switches;
 - Oils and Lubricants;
 - Antifreeze;
 - Lead and Lead-Acid Batteries;
 - Tires;
 - Windshield Washer Fluid
 - 95% of Auto Dismantlers on Prov. Lands
 - Environmental Management Act (and its regs)
 - Manage the removal, storage and transportation;
 - Under Normal and Emergency Conditions
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2000 MoE Study – Lower Mainland

- ❑ 80% of Automotive Recyclers out-of-compliance;
 - ❑ Most dismantlers prepared to follow the regulations if they can be explained in simple terms;
 - ❑ Most dismantlers exasperated because different officials want Haz Mats managed in different ways;
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Industry Wanted Change

- Industry Leaders Wanted to Change Image
 - From Dirty Junk Yards to Clean Recycling Facilities

 - Owners Wanted to Protect Property
 - Contaminated Sites Regulations Major Concern

 - Expand Business by Portraying Environmental / Economic Benefits
 - Used parts protect the environment and save money
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Solution: Industry Stewardship

- Industry Stewardship Means:
 1. Summarizing Legal and Industry Requirements;
 2. Developing Code of Practice using “Plain Language”;
 3. Implementing a Training Program;
 4. Developing an Environmental Inspection Program;
 5. Making a Commitment to Continual Improvement;
 6. Publishing Inspection Results;
 7. Reviewing and Funding Program
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1) Summarize Legal Requirements

- Focus on Current Activities on Site
 - Federal Acts
 - Canadian Environmental Protection Act;
 - Transportation of Dangerous Goods Act;
 - Fisheries Act.
 - Provincial Act & Regulations
 - Environmental Management Act;
 - Hazardous Waste Regulation;
 - Ozone Depleting Substances Regulation;
 - Spill Reporting Regulation
 - This is not a Contaminated Sites Review
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2) Develop Code of Practice

- CoP translates regulatory requirements to the operation:
 - Plain Language that can be understood;
 - Consistency in regulatory interpretation;
 - Comprehensive: focuses on different ACTIVITIES in:
 - Receiving Area;
 - Dismantling Area;
 - Hulk Storage Area;
 - Crusher Area;
 - Hazardous Waste Storage Areas;
 - Wet Parts Storage Areas;
 - Administration and Site Management.
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3) Provides Basis For Training

- One day training covers available for owners, managers and workers;
 - Available throughout the Province;
 - Requirement in CoP to take Training.
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4) Environmental Inspection Program

- Audit Protocols developed from CoP;
 - Series of standard questions to ascertain compliance to CoP
 - about 2 hours to complete inspection;
 - Audit Protocols quantified – the better the practice, the higher the overall score
 - Three Environmental Certification Categories
 - Gold, Silver, Bronze;
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5) Continual Improvement Program

- Program Phased in Over 3 years starting in 2001;
 - Recyclers Prepare Pollution Prevention Plan to improve environmental performance;
 - Must achieve Bronze Certification to remain in good standing
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6) Publish Results

- All Inspection Results on website:
 - www.area-bc.ca

 - Dismantlers very conscious of where they stand amongst their peers;

 - Biggest motivator for improvement
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7) Fund Program

- Automotive Recyclers Environmental Ass formed to implement Industry Stewardship Program;
 - Board of Directors are Automotive Dismantlers
 - Inspection Fees Fund Program - \$725
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Future Focus

- ❑ Level Playing Field – Cooperation with MoE and enforcement of Regulations on “Gypsies”;
 - ❑ Establishment of 100 Vehicle Recycling Depots in anticipation of Vehicle Scrappage Programs and Product Stewardship Programs;
 - ❑ Expand Depot Network into Other Stewardship Programs;
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Conclusions

- ❑ Industry took a leadership role on its ACTIVITIES – hence Industry Stewardship;
 - ❑ CoP is an excellent approach for Small Businesses;
 - ❑ Quantifying Environmental Performance and Publishing is a huge motivator;
 - ❑ Significant improvement in Env. Performance;
 - ❑ Many Benefits for Dismantlers for taking this approach:
 - Reduced contamination;
 - Increased operational efficiency;
 - Improved Worker Health and Safety.
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ALUMINUM

STEAL GAS

CLIFFSIDE RECYCLING
15-1-0255

WASTE WASTE

GRIME TRAP II
100% CLOSED-LOOP PARTS WASHED

