

426,000

A yellow garbage truck is shown from a side-rear perspective, dumping a large load of mixed waste into a massive pile of trash. The waste includes plastic bottles, paper, and other debris. In the background, another piece of heavy machinery, possibly a bulldozer, is visible working on the waste pile. The sky is overcast. A black rectangular box with orange text is overlaid on the image.

0.06%



OVERVIEW

1. History
2. Unintended consequences
3. Lessons







1900

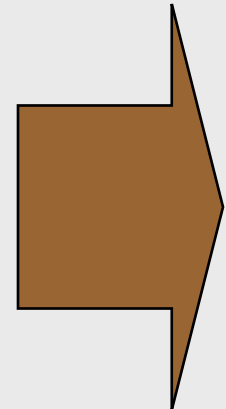
1960

1970

1980

1990

2000







Our rising standard of living



44

1900



275

1960



455

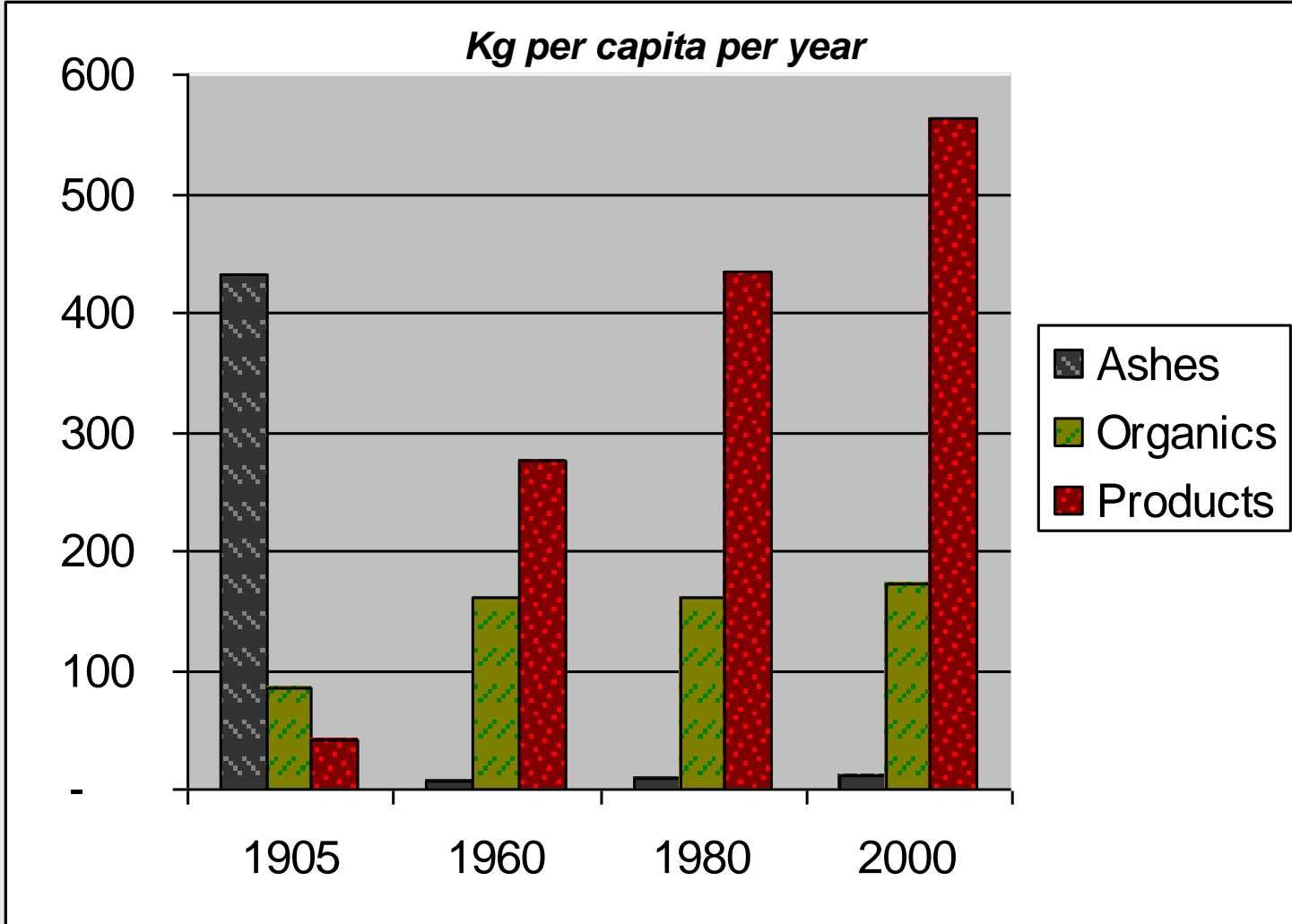
1980



557

2006

Disposable products & packaging
kg / cap / year



(How much is enough?)

1900

1960

1970

1980

1990

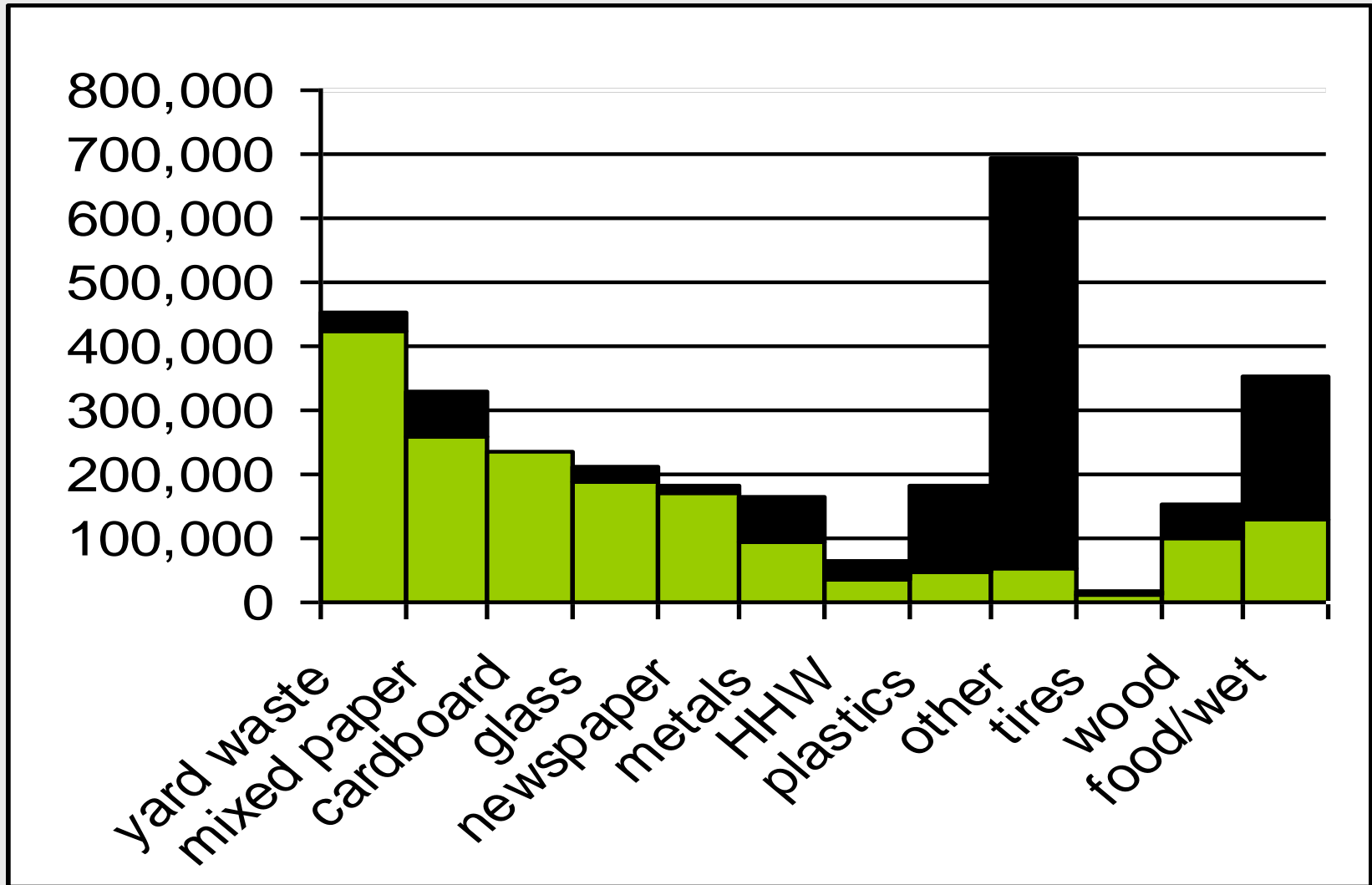
2000



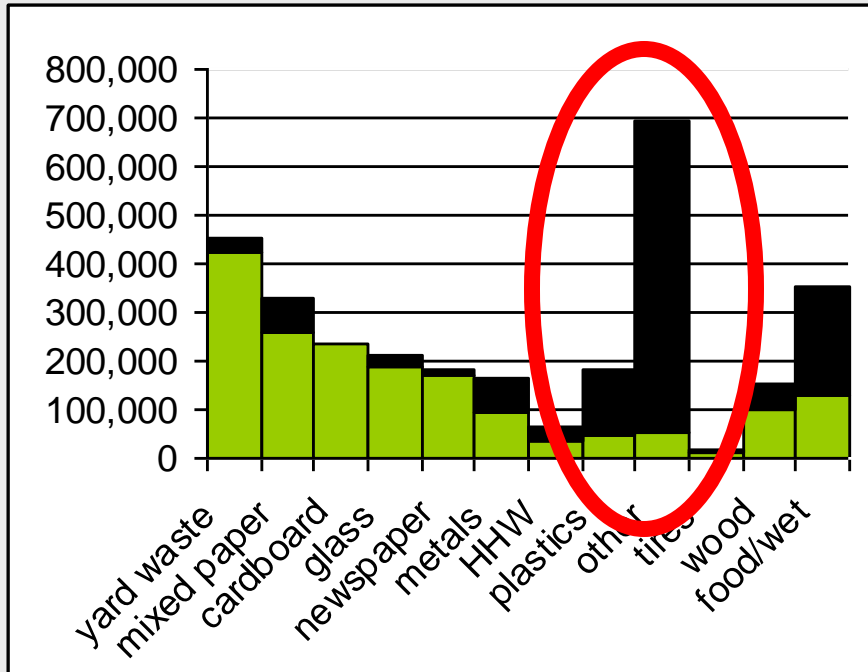
Blue box recycling



Metro Vancouver recycling, 2035



Landfill in the sky



2035



The problem:

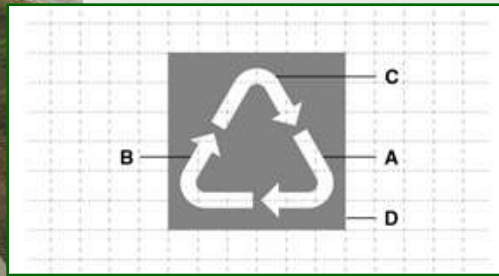
Producers design products to be “disposable” (even though they may contain toxic ingredients)...

... and **municipalities** pick up after them at the end of the pipe.



The solution:

Extended Producer Responsibility.
EPR makes producers responsible for providing **cradle-to-cradle recycling**.



Examples of EPR



More EPR in our future



24,358 tonnes per year

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More EPR



More EPR



1900

1960

1970

1980

1990

2000





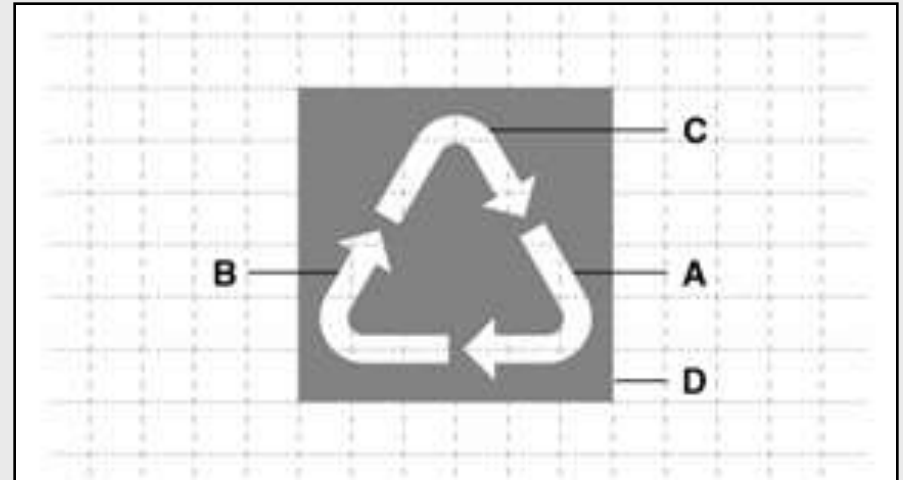
Industry response:

September 24, 2008:

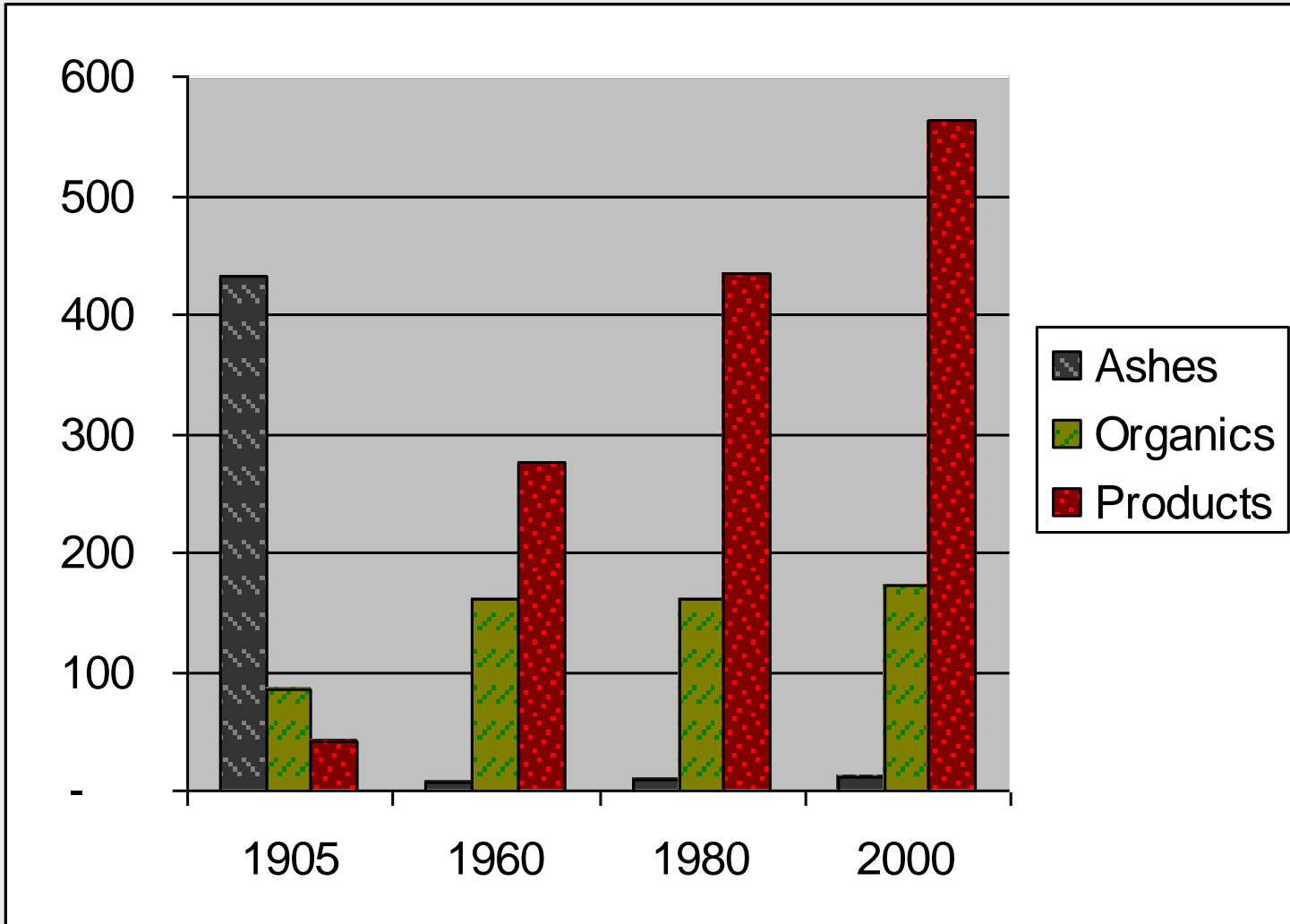
We will cut plastic bag use by 50% in 5 years

- **Retail Council of Canada (RCC)**
- **Canadian Council of Grocery Distributors (CCGD)**
- **Canadian Federation of Independent Grocers (CFIG)**
- **Canadian Association of Chain Drug Stores (CACDS)**

Which future?



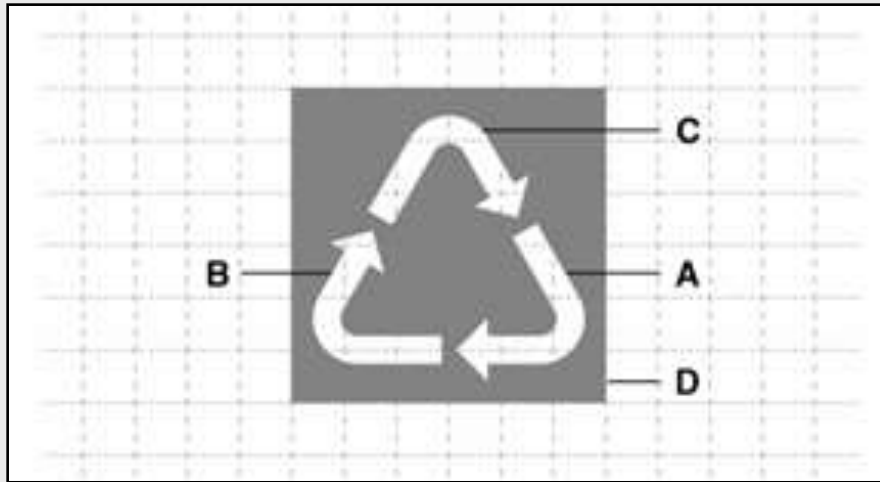
Products + organics



Which future?



EPR + Composting = Zero Waste *(or darned close)*



Composting Facility



Helen Spiegelman

Zero Waste Vancouver

October 25, 2005

<http://blog.zerowastevancouver.org>