The Problem with Plastic & a Potential Local Solution

Dr. Sherri A. Mason ("Sam")
April 7, 2011
Fredonia Rotary
Plastic Bags Blow... And where do they go?
They make their ways into our drains and sewage pipes...
And into our waterways...
Into our Oceans...
And Into the Food Chain...
That’s Part of the Problem.....
Plastic Bags are made from…

OIL!!!
Reducing Plastic Bag Consumption Reduces our Dependence on Foreign Oil
We could save 60 - 120 million gallons of oil each year by eliminating our use of plastic bags.
A Proposed Local Solution
Plastic Bag Fee

• 10₵ fee for Single-Use Disposable Bag
  – 10% is kept by the business;
  – 90% goes into a Sustainability Fund

• Sustainability Fund:
  – is governed by a committee
  – is used for local environmental projects

• Fee doubles every year
  – Freezes at $1.00 after year 5
Success Stories

- **Ireland**
  - 20¢ fee
  - Reduced bag usage by 93%

- **IKEA**
  - 5¢ fee
  - Reduced bag usage by 92%

- **Washington, D.C.**
  - 5¢ fee (started Jan. 2010)
  - Generated 1.3 Million Dollars in first 9 mo.
  - 80% reduction in bag use