Feasibility Study on an Eco-industrial Park in Durham, NC

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Outline

I. Project Overview
II. Video
III. Project Components
   o Businesses
   o Site recommendations
   o Long-term goals

Source: Nathan Switzer
Overview

Our Project: Reduce Waste in Durham

• Our Plan
  o Assess Waste
  o Gauge Interest
  o Formulate Recommendations

• Our Products
  o Feasibility Study
  o WordPress Blog
  o Video

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Source: Nathan Switzer
Video
Pilot Businesses

The Scrap Exchange

The ReUse Warehouse

Mattress GORound

Triangle Recycling
Site Recommendations

- RFP for new building and expansion
- Prioritize waste disposal practices
- Emphasize reuse and recycling

Source: Charlie Stanfield
Proposed Residential Drop-Off Building Design

Unusable Back End

Lumber

Creative Reuse

E-waste

Reuse Warehouse

The Scrap Exchange

Triangle E-cycling

Mattress-Go-Round

Queen

Full

Twin XL

Queen

Full

Twin

King

Full

Twin
Residential Drop-off

- Recycling Dumpsters
- Waste Dumpsters
- Motor Oil & Tires
- Swap House
- Cooking Oil
- Materials for future businesses?
Long-Term Goals

• Waste reduction at the source
  o Residential and commercial
  o Policies to encourage waste reduction and reuse
• Expand reuse district to eco-industrial park
• Shared labor pool
• Community education and outreach

Source: http://aheartformyshepherd.1in1000.org/2012/10/the-long-road/
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Questions?