Environmental Advantages of Recycling

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Introduction

• Subjects of recycling
• Necessity of recycling
• Policy
• implementation
• examples
Why recycling

- **Short term**
  - Scarcity of space

- **Long term**
  - no waste of potentially good building materials
  - ever growing stock of garbage
  - care for future future future generations
Dutch Policy for recycling

- Reducing the amount of new raw materials
- Conditions for recycling
- Reducing the degradation the quality
Instruments of recycling

- government and business community
- technical development
- environmental regulations
- waste policy
- transfer of knowledge
Examples of recycling

• Raw materials of demolition waste
• MSWI bottom ash
• Dredged material
• Asphalt recycling (?)

• Developments and difficulties
Aggregates from construction and demolition waste

- Recycled as sub base material
- Replacing gravel in concrete?
- Search for a more ideal situation
- Asbestos, a threat for recycling
MSWI bottom ash

- The burning of household waste
- Successfully recycled as road sub base
- Now really threatened
- Damage of the isolation material?
Applications of dredged materials

- Where to go with dredged materials
- Recycling as a solution
- Building roads with dredge
- Trial projects
The end of my speech

- Given you some insight in the research
- Recycling important for a durable society