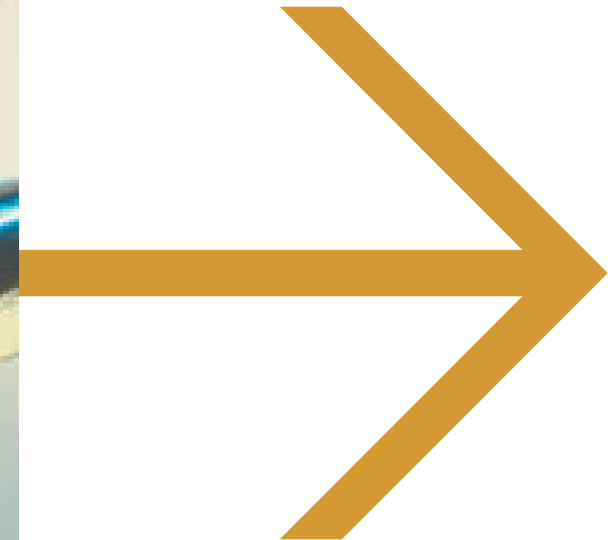


# Chain approach in Netherlands' waste policy

Robbert Droop





# Content of presentation

- Why a chain approach?
- What does a chain approach entail?
- “Chain-oriented waste policy” programme (4 sections)
- Focus and targets
- Developing an integrated material chain policy
- Discussion



# Why a chain approach?

Current waste policy:

- major successes with “traditional” sectoral policy
- 82% recovery
- life cycle approach in waste management plan

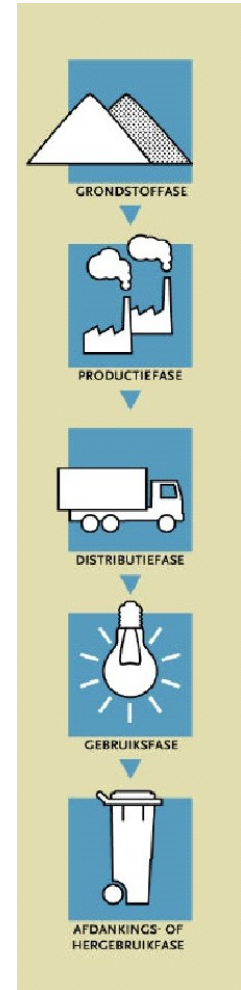
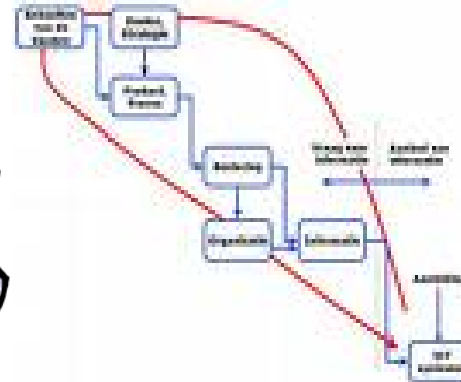
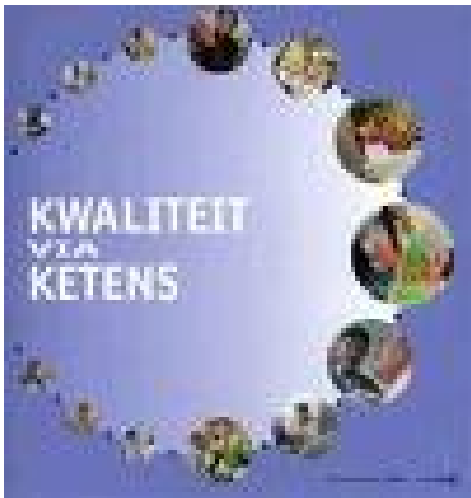
Why a chain approach?

- environmental pressure material chains still far too high
- for further reduction of environmental pressure:  
from: focus on waste disposal phase  
to: focus on whole chain



# → Definition of material chain

Material chain = all stages in the production chain, from extraction of the raw material, to production and use and eventually to the waste disposal phase, including reuse as material or product





## Elements of a chain approach

Elements of a chain approach in waste policy:

- whole chain taken into consideration
- all environmental themes taken into consideration
- no shift of environmental pressure to other stages in the chain
- activities at points with greatest gains
- focus on key streams in perspective of whole chain



# Chain programme 2009 - 2012

---

## Programme “Chain-Oriented Waste Policy”

1. Learning from examples
2. Dealing with priority streams
3. Adapting instruments
4. Developing an integrated material chain policy



# 1. Learning from examples

- project 2007: “Towards a Chain Approach in Waste Policy”
- 6 chain pilots (gypsum, zinc, carpet, textile, EPS, food)
- cooperation with companies
- aim: gaining experience with chain approach as mode of operation
- 15 projects, implementation 2008 en further

*Your materials are valuable*





## 2. Dealing with priority streams (1)

Priorities for chain approach in waste management:

- paper and cardboard
- textile
- construction and demolition waste
- organic waste
- aluminum
- PVC
- bulky domestic waste





## 2. Dealing with priority streams (2)

Why these streams?

- environmental pressure in the chain relatively large
- a reduction seems feasible
- a chain approach offers scope for improvement
- options for action available from the angle of waste policy
- constructive attitude of companies and industries



## 2. Dealing with priority streams (3) - targets

- current targets: tons of waste disposed, % recovery
- additional targets: objectives on over-all environmental pressure in whole material chain
- contribution of waste policy to policy ambitions on CO<sub>2</sub>, pollution and biodiversity
- **guideline target chain programma:  
environmental gains of 20%**



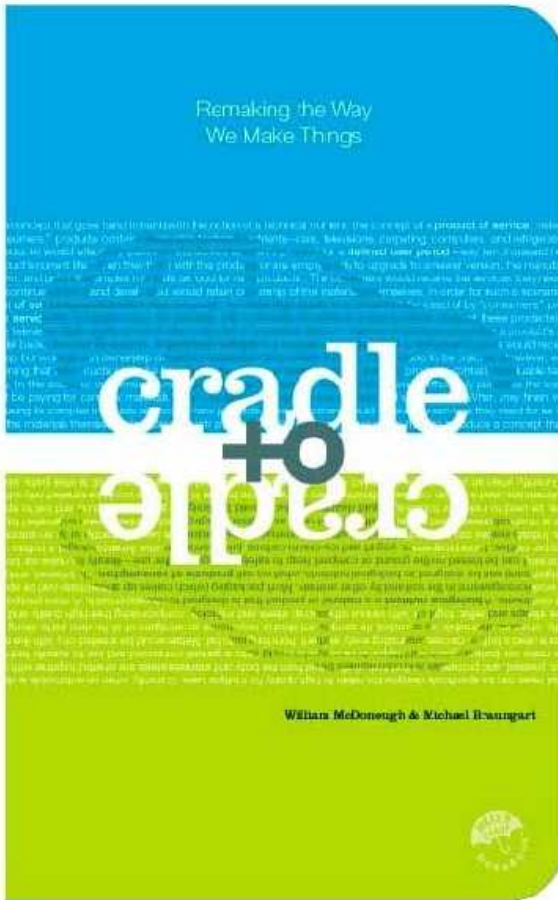
## 2. Dealing with priority streams (4) - steps

- approach to stakeholders
- demarcation of the chain
- study of environmental pressure in chain (starting point)
- possible solutions for improvement
- formulation of concrete goals
- actions plans + declaration of intent (end of 2009)
- implementation, monitoring

All in cooperation with companies, industries, other stakeholders



# Cradle to Cradle is a source of inspiration





## 3. Adapting instruments

Taking away road blocks, giving impulses for chain approach

For example:

- stimulation programmes (technology, innovation etc.)
- tax breaks
- producer responsibility
- voluntary agreements (corporate sustainability etc.)
- other policy frame works (sustainable procurement etc.)



## 4. Developing an integrated material chain policy (1)

- coherent formulation of a material chain policy
- sectoral → integral approach:
- natural resources and biodiversity policy, product policy (SCP, Eco-Design), waste policy
- integrated selection of priorities



## 4. Developing an integrated material chain policy (2)

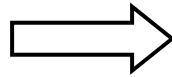
---

- strong pillar of environmental policy, in addition to climate/energy
- integration of the next waste management plan into a material policy plan
- first step: policy memorandum late 2009 (policy view and early results)



## 4. Developing an integrated material chain policy (3)

From  
National waste management plan  
To  
National material policy plan





## International discussion

Experiences available? Do's and don'ts?

- present experiences in the value chain?
- company policies – corporate responsibility?
- could it work, a chain action plan?
- could it work, assigning responsibility?
- how does this fit with competitiveness and value creation?
- what are boundaries to the concept?





# International discussion

- International agenda:
  - OECD – OVAM “Sustainable Material Management”  
25-27 October 2010 Mechelen (B)
  - New EU strategy to lower consumption of primary resources by increasing resource efficiency and recycling



## International discussion

- Two material chains in preparation by EPE for discussion:
  - background paper, workshops with chain actors
  - cement chain (15 December 2009, Brussels)
  - paper & pulp, aluminium, PVC/plastics, batteries, phosphate, fish, wood, cotton, food, .....
- VROM seeks partners to address one more chain

Info: [robbert.droop@minvrom.nl](mailto:robbert.droop@minvrom.nl)