

REDILO - R'07 Congress



Plastics Recycling in the North-South-Context
Monday, September 03, 14:30 – 18:00h



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Overview – Topics



- > Example Switzerland
- > Example Costa Rica / Bolivia
- > Discussion
 - Advantages / Disadvantages
 - Processes
 - Critical Success Factors
 - Opportunities
 - Knowledge Platform
 - Conclusion

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Processes and key factors

Point of Return	<ul style="list-style-type: none"> - Point of generation - Convenience and availability - Incentive (value in developing countries) - Security / stolen material - Curb side vs. bring system
Collection	<ul style="list-style-type: none"> - What to be collected: just PET or all plastics (1-6) - Plastics from E-waste? - Separated at the source
Compacting	<ul style="list-style-type: none"> - Just compacting and exportation? - ...or creating value in the country? - Is the technology available? - Bottles with caps !!! > perforation
Sorting	<ul style="list-style-type: none"> - Machinery (NIR) vs. manually - "misused" packaging

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Recycling	<ul style="list-style-type: none"> - Recycling system vs. "Refillable"/Reuse (local!) - Low <i>prices</i> for raw materials - Which technology needed? - Quantity needed - Market for recycled products / prices, who buys
System conformity and bottle design	<ul style="list-style-type: none"> - Involvement of industry - Standards needed (> sleeves!) - Sustainable packaging - Use of recycled materials (standards) - Mandatory refillable glass bottles use same system to collect (local!)
System setting up	<ul style="list-style-type: none"> - How to finance: Incentives > anticipated fee? - How to involve beverage industry? Campaigning - Legal framework and communication

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Critical success factors

- Producers responsibility and role (plastics industry)
- Clear legal framework
- Create a market (price, value)
- Incentives

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Fight against poverty?
Job creation formal/informal sector?

> Price on packaging or on waste?



Give waste a value !!!

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Overview knowledge platform



- > web based
- > best practice models
- > examples (CR, CH...)
- > background information
- > checklists each process
- > ...
- > next steps:
 - > web site and content
 - > contribution of partners
 - > online by end of 2007

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REDILO - How to reach us



Retro-Distribution-Logistics



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