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Results and experiences from combined LCA and economical assessment of New **Collection Scheme in the City of Copenhagen**

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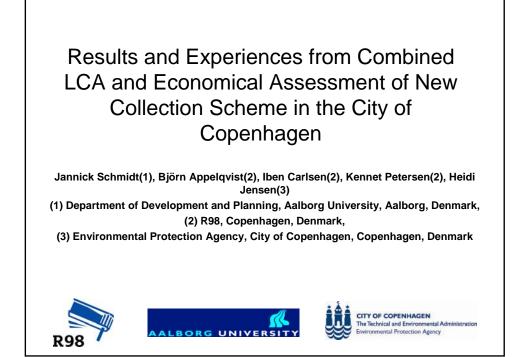
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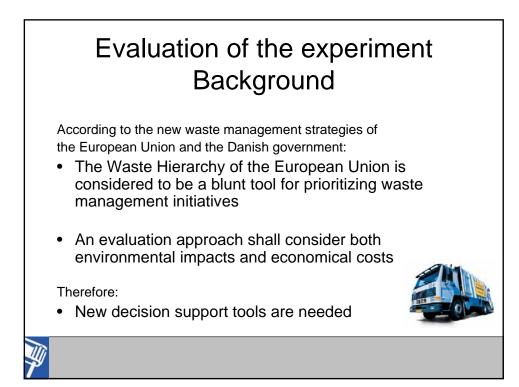
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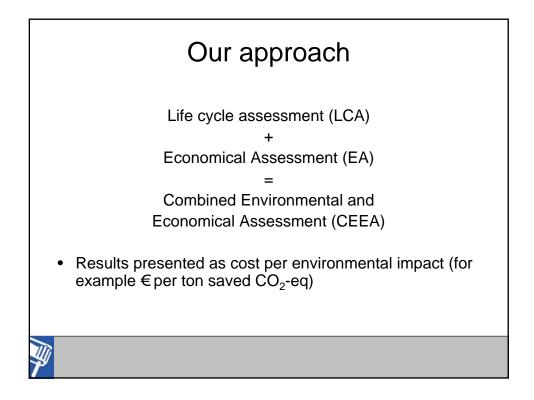
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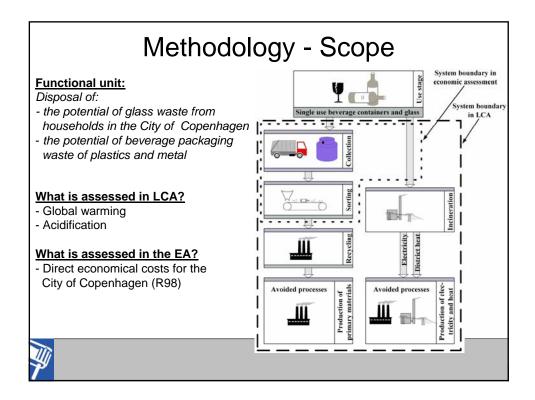




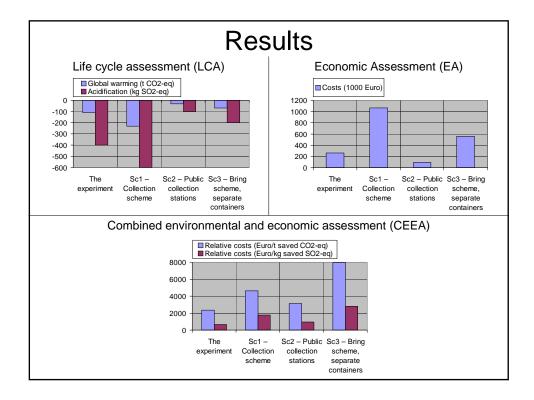
-								
Material	Amount of material pr. household pr. annum (g)	Fraction of potential	Results scaled up to the City of Copenhagen					
Diretier	(0)	4.07	(tons pr. annum)					
Plastics	92	~ 4 %	26					
Metal	58	~ 4 %	15					
Total	150	~ 4 %	41					





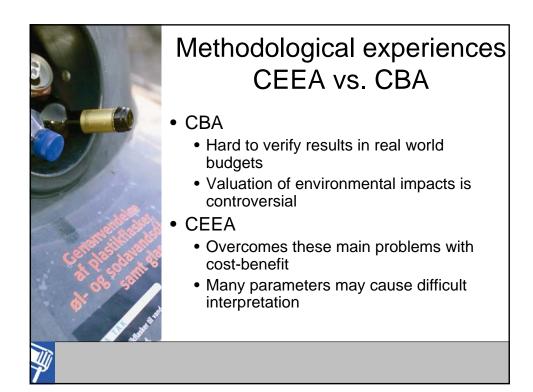


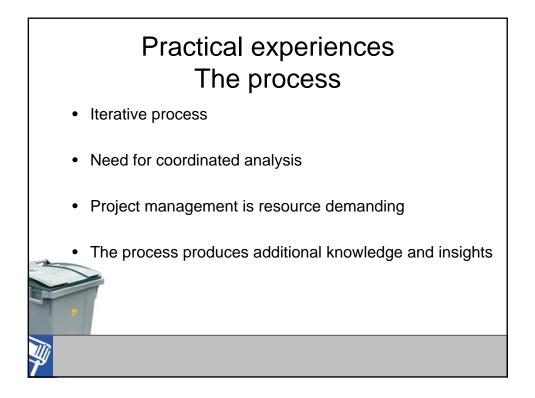
Methodology - Scenarios								
		Reference	Experiment	Sc1	Sc2	Sc3		
	Glass bottles		TOL			Pol		
	Broken glass			N. H. W.				
Index		100	100	100	100	100		
	PET plastics	Incineration	Bring scheme bottle banks	Collection sheme	Public collection stations	Bring sheme seperate containers		
PE	E-HD plastics				FLASKER			
	Steel cans							
D	Alu cans			6 6				
Index		0	100	300	22	75		
X								



Methodological experiences

- System boundaries: Differences between LCA and EA
 - LCA: included processes = those which are actually affected
 - EA: included processes dependant on purpose and "costs for whom?"
- Uncertainties going from LCA and EA to CEEA
 - Uncertainties are adding
 - Results are simplified







Practical experiences Decision support

- Reports are not read by politicians
- It's a long way from policy making in Brussels to implementation in my backyard
- Sensitivity analysis crucial to report credibility
- "Killer" assumptions can override the assessment conclusions

Conclusions The experiment scheme has been introduced in Copenhagen CEEA has been shown to be a useful tool - more transparent and less infected with subjective choices than CBA Uncertainties adds up in a combined analysis The process is resource demanding "Killer" assumptions has to be identified and assessed Sensitivity analysis is crucial to report credibility

