

UNEP/OECD Workshop on Sustainable Resource and Materials Management,
Paris, 1 December 2009

Life Cycle Management

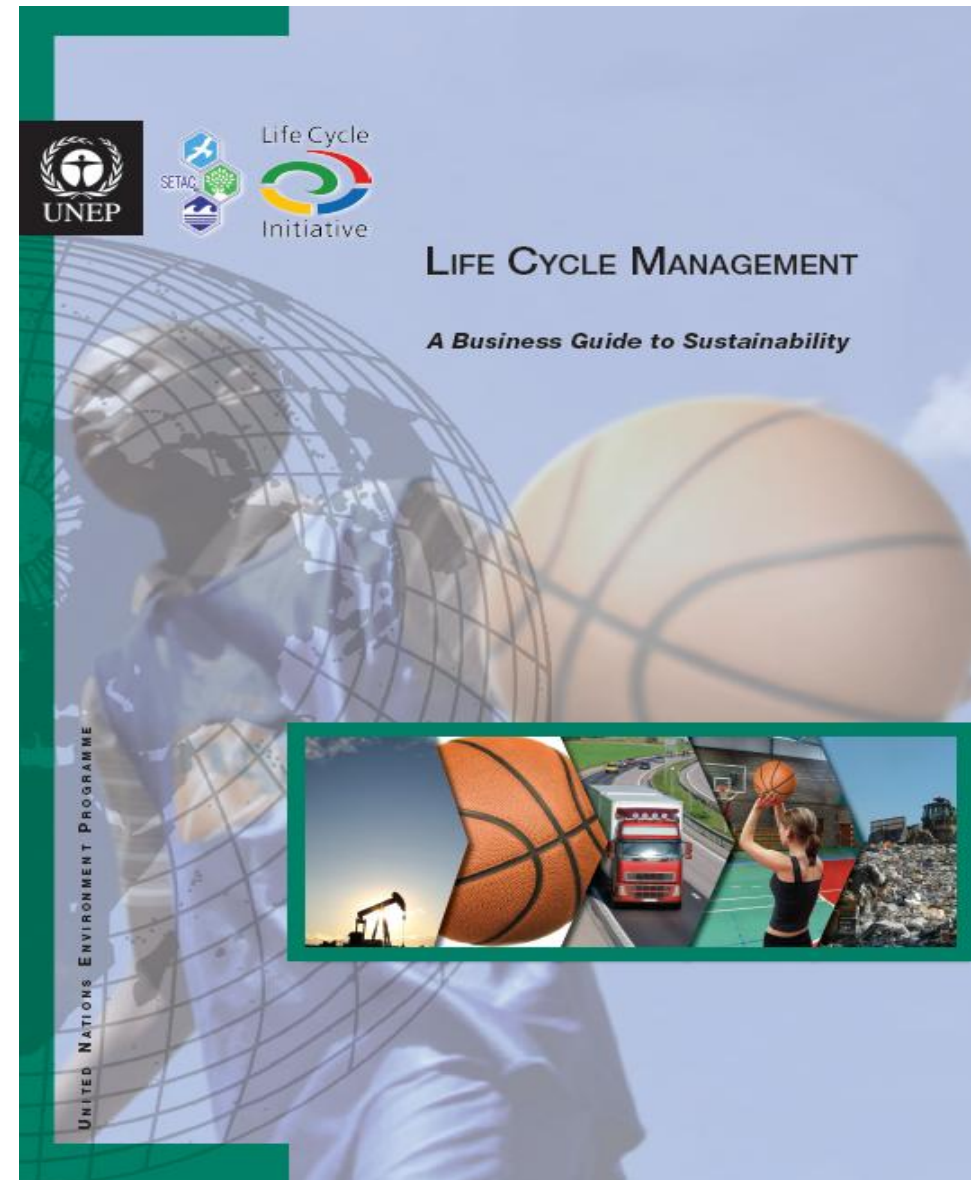
- putting life cycle thinking into practise

Allan Astrup Jensen,
FORCE Technology
UNEP/SETAC Life Cycle Initiative
Chair: Work Area Business and industry

What is Life Cycle Management?



- ✓ Is a bridge to more sustainable products
- ✓ Is a management system that can be used by all types of business in order to reduce their footprints in the whole product chain.
- ✓ It may improve the company's bottom line, corporate credibility, and shareholder value.
- ✓ A method that can be used equally by both large and small firms, its purpose is to ensure sustainable value chain management.
- ✓ LCM can be used to target, organize and analyse product-related information and activities – including materials and resources.
- ✓ The impacts and benefits of an activity are considered not only in their environmental dimension, but also in their economic and social/societal dimensions.



Moving beyond Life Cycle Assessment

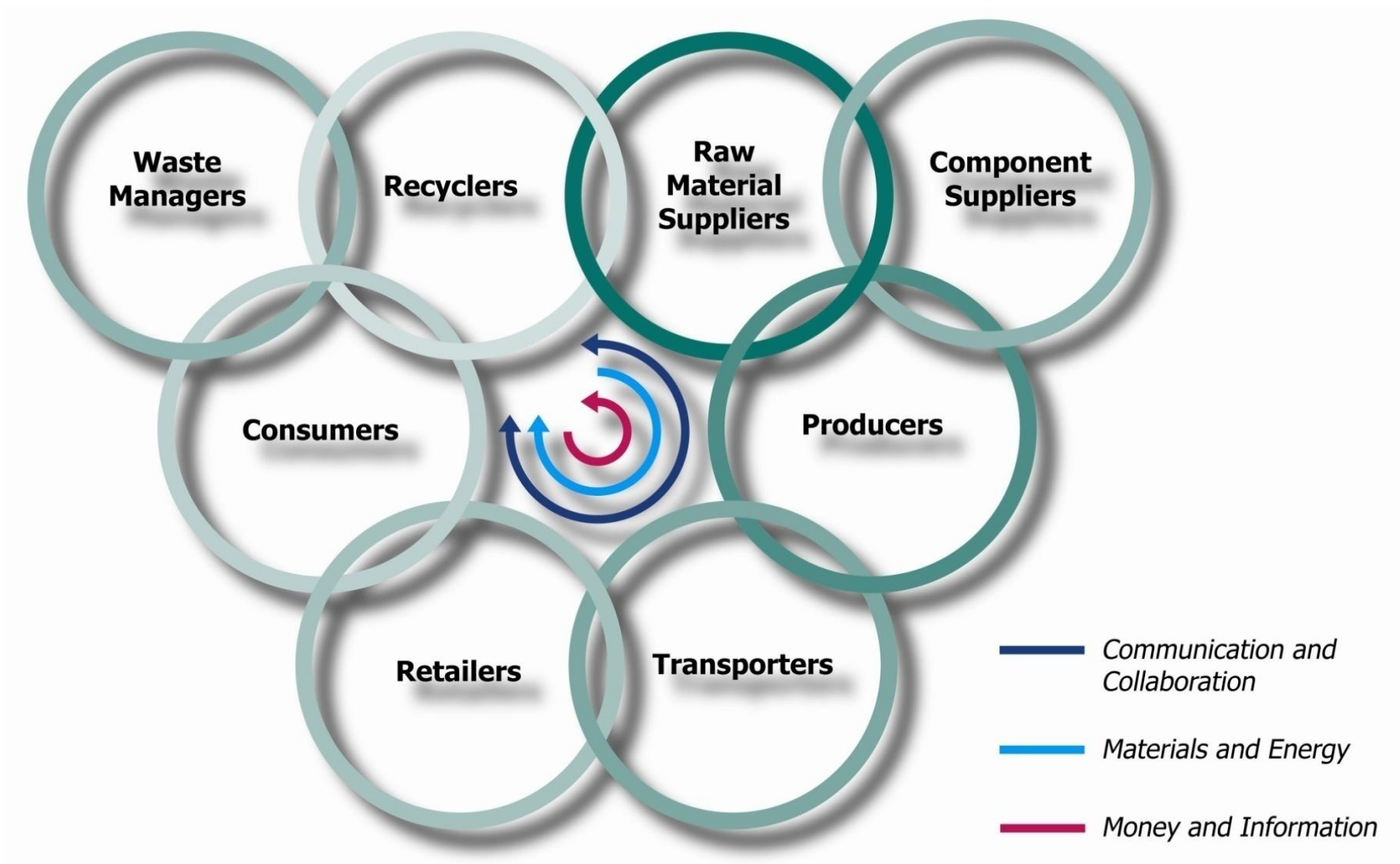


Providing flexible toolbox/tools and systems

- ✓ Life Cycle Assessment
- ✓ Life Cycle Costing
- ✓ Social LCA
- ✓ Ecological and carbon footprint analysis
- ✓ Eco-design
- ✓ Green procurement
- ✓ Eco- and energy labelling
- ✓ Environmental product declarations
- ✓ Environmental performance indicators
- ✓ Mass flow cost accounting
- ✓ etc

utilize all available information

Look beyond traditional boundaries



The sustainable value chain

