



GREEN GROWTH AREAS

The benefits, challenges and future of green supply chains in South Africa

28 AUGUST 2008

Rose Luke

Institute of Transport and Logistics Studies (Africa)



**consumer
goods council
of south africa**



The Chartered Institute of
Logistics & Transport
South Africa



**How Green
is your Supply Chain?
Conference**
28 August 2008 • Glenburn Lodge, Muldersdrift

GREEN SUPPLY CHAIN?



Low carbon footprint



Less ghg



Reduce waste



More recycling



Less packaging



More returns



Fuel efficiency



Better vehicle technologies



Energy efficiency

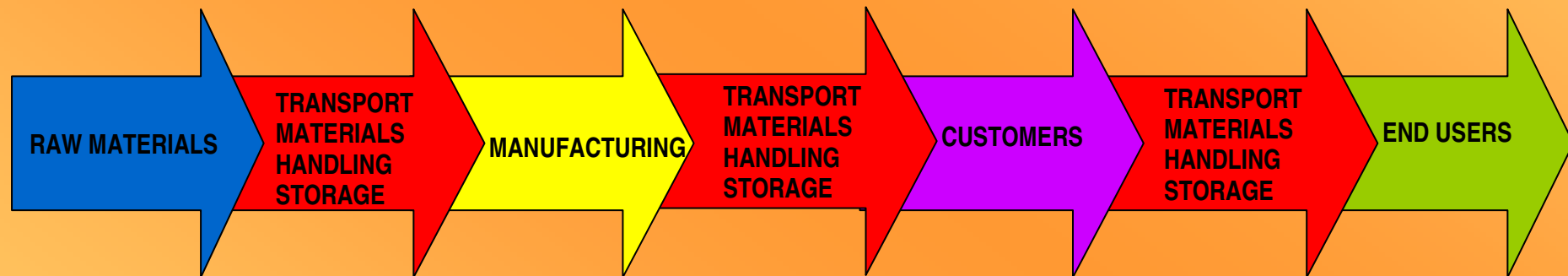


More organic



Water usage

TYPICAL SUPPLY CHAIN



THE GREEN SUPPLY CHAIN



- Ethical sourcing

- emissions
- green driving practices
- shipping

- waste
- energy
- emissions
- Community Support
- Worker safety

- packaging
- safe handling

- eco-friendly products
- waste reduction

- energy consumption
- equipment

- eco-friendly products
- eco labeling
- product safety packaging



THE GREEN SUPPLY CHAIN



THE GREEN SUPPLY CHAIN DRIVERS



Sustainability



Government



Market



Consumer



Competitors



Company



Costs



Efficiencies



Eliminating waste/pollution



Corporate social responsibility



Brand reputation



Basics



Fuel



Energy

GREEN SUPPLY CHAIN TRENDS



Lean supply chains



Global transport efficiencies



Packaging



Recycling



Buildings



Labour practices



Supplier management



Simulation models

HOW DO WE DO IT?



Commitment



Understand the supply chain



Stay up to date with regulations



Create a business model



Don't try to do it all



Pick low hanging fruit



Involve everyone



Implement



Monitor