Novozymes and Low Carbon Solutions

The Challenge
Decouple growth from resource use and meet the World’s need for sustainable, renewable energy, products and chemicals

The Opportunity
• Improve resource use and efficiency
• Address more resource intensive lifestyles
• Foster more sustainable consumption and production patterns
• Explore how biobased solutions can be applied to agriculture, bioenergy, chemicals, detergents, food, plastics, textiles...
Driving low carbon thinking in value chains
Example: The baking industry

Wheat production

- Less fertiliser and traction
- Less heat and electricity

Milling

- Less heat and electricity

Baking

- Less flour, heat, electricity and packaging
- Less transportation

Distribution

Sale from supermarket

100 bread

Animal feed

- 5
- 10 stale bread

Animal production

Example: The baking industry
Low Carbon Solutions are Globally Applicable

Cleanstar Mozambique: Sustainable, restorative and resilient business providing benefits to rural and urban poor and the environment