



CONSISTENTLY FIRST IN RENEWABLE INGREDIENTS

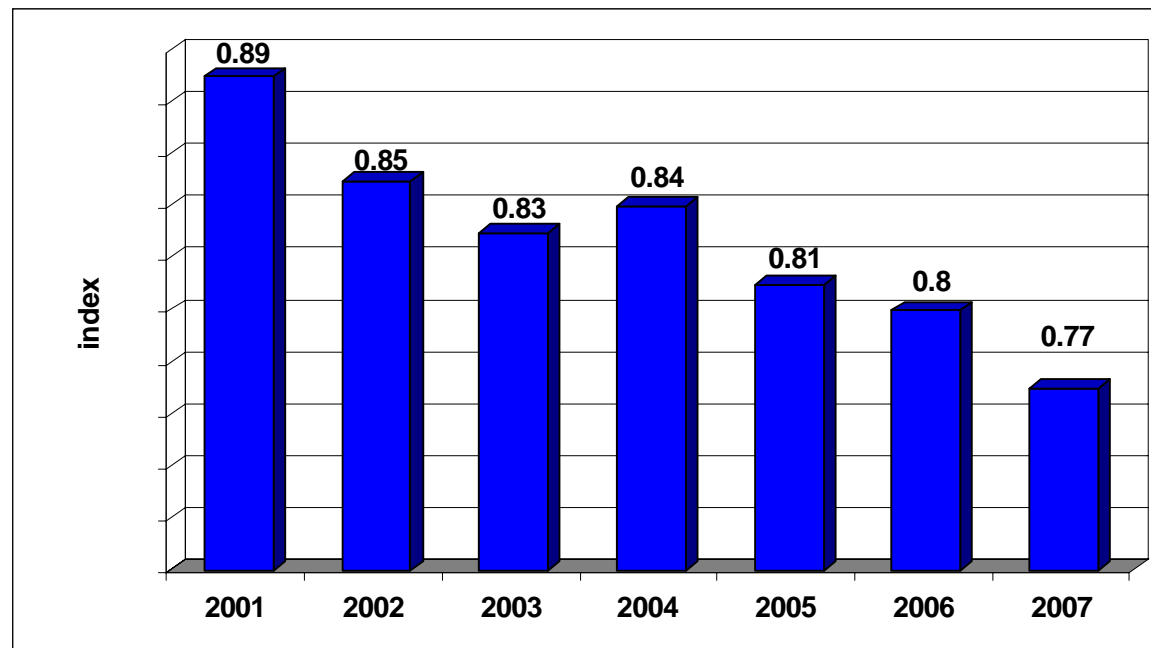
# Carbon Management at Tate & Lyle

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# Carbon Management at Tate & Lyle

- Tate & Lyle believes in sustainable growth: it is socially responsible, it is what our customers want and it makes good business sense.
- Since 1999 Tate & Lyle has been working throughout the group to reduce our carbon footprint via:
  - Reducing energy consumption per unit of output through capital investment or through improvements in operating efficiencies
  - Developing alternative energy sources



# Carbon Management at Tate & Lyle

- Tate & Lyle Environmental Standards
  - Energy Use
  - Greenhouse gasses
  - Water use
  - Packaging
  - Non-hazardous solid waste production
  - Hazardous substances and waste
  - Citizenship

## Carbon Management at Tate & Lyle

- Thames Refinery chosen as plant to run pilot study
- Primary footprint of Thames Refinery April – June 2007
- Secondary/Lifecycle of Thames Refinery July – November 2007
- Rolled out to all other major sites throughout Group - January 2008
- Primary footprints reported to Board - February 2008
- Group will continue to roll out secondary footprint/Lifecycle studies at all major sites

# Carbon Management at Tate & Lyle

## What contributes to the Tate & Lyle Cane Sugar carbon footprint?



## Carbon Management at Tate & Lyle

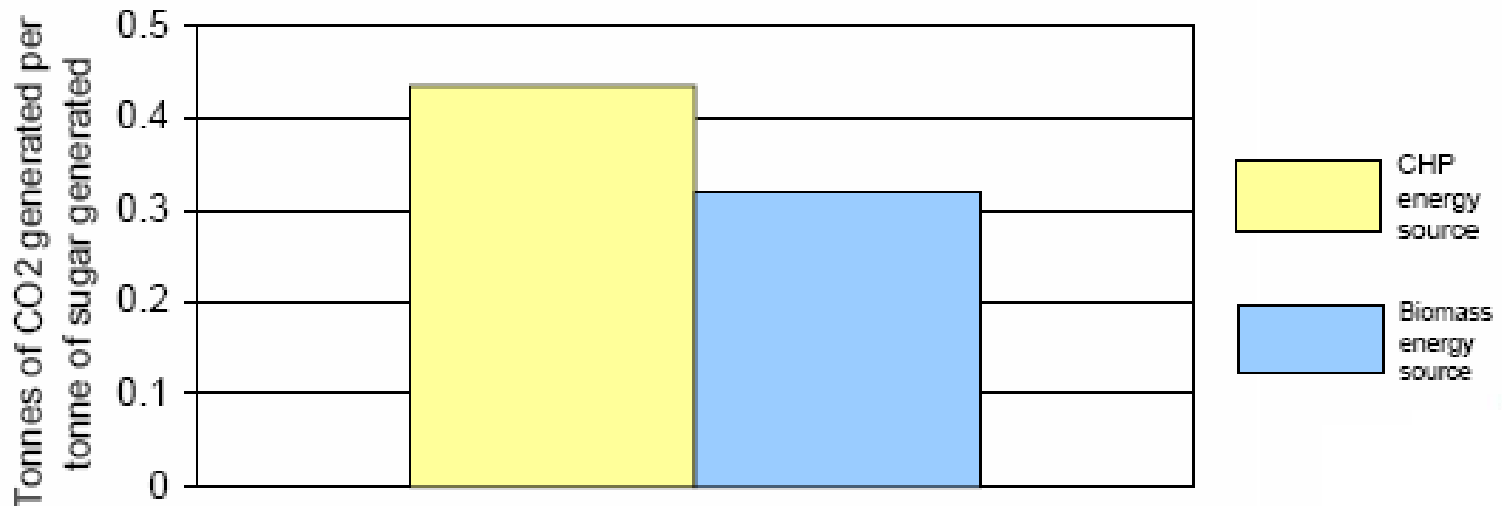
- Tate & Lyle this year commenced a £20m investment in a new boiler using renewable biomass
- To be operational by April 2009



# Carbon Management at Tate & Lyle

- 70% reduction in energy consumption and carbon emissions from fossil fuels
- Reduction of total footprint of 25% from field to supermarket shelf

Comparison of CO2 generated per tonne of sugar from sugar cane  
- refining energy source scenarios



# Carbon Management at Tate & Lyle

- Looking forward, current projects include:
  - Construction of a corn plant in Fort Dodge, Iowa (powered in part by biomass boilers)
  - Working with local developers to investigate the feasibility of utilising available waste heat from Thames Refinery for District Heating Schemes
  - Possible construction of a 3MW wind turbine at Thames Refinery
  - Developing an integrated Group wide, stakeholder communication programme covering, quality, safety and environment