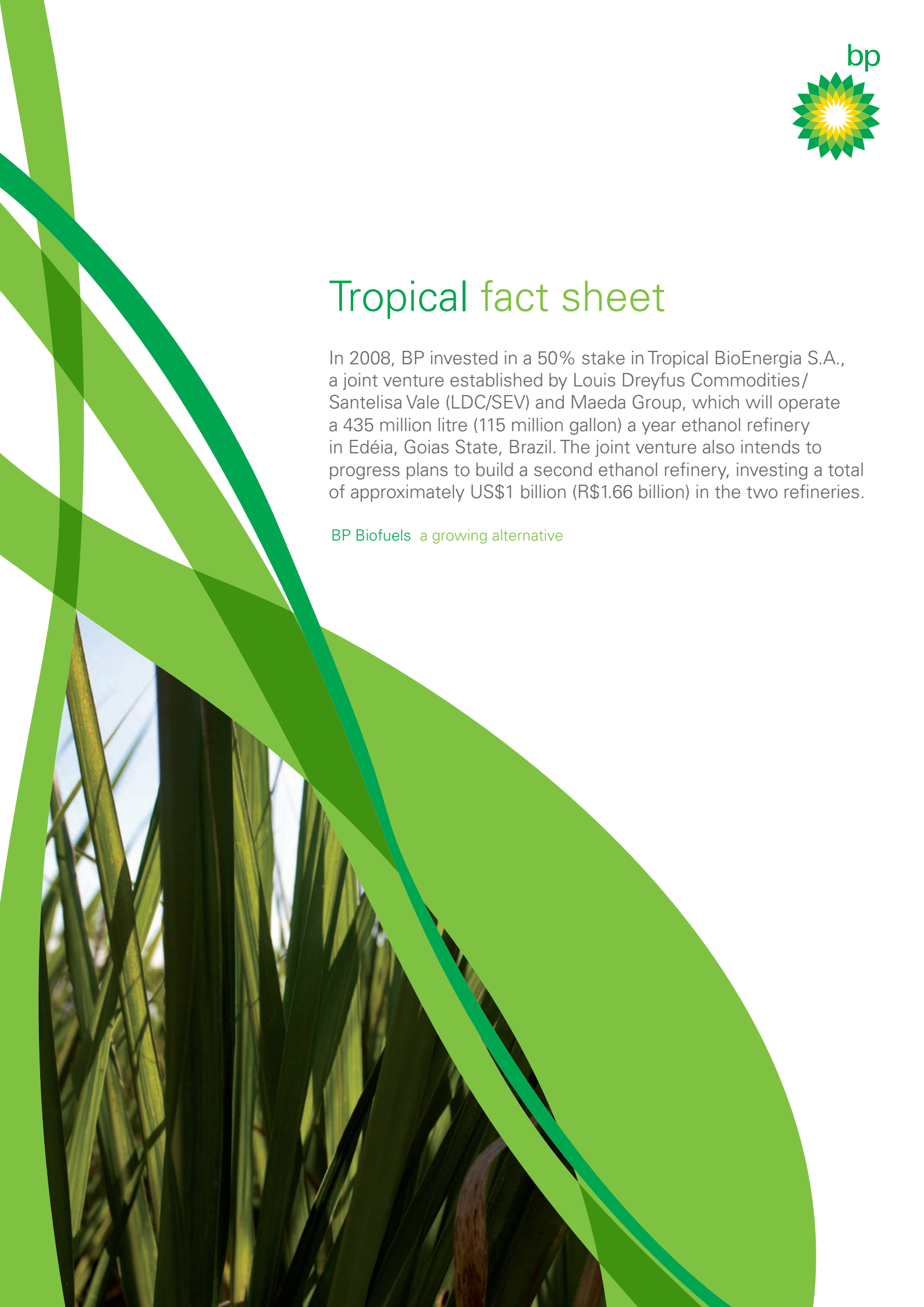




Tropical fact sheet

In 2008, BP invested in a 50% stake in Tropical BioEnergia S.A., a joint venture established by Louis Dreyfus Commodities/Santelisa Vale (LDC/SEV) and Maeda Group, which will operate a 435 million litre (115 million gallon) a year ethanol refinery in Edéia, Goias State, Brazil. The joint venture also intends to progress plans to build a second ethanol refinery, investing a total of approximately US\$1 billion (R\$1.66 billion) in the two refineries.

BP Biofuels a growing alternative





Tropical fact sheet



BP, LDC/SEV and Maeda Group partnership

Through the joint venture, BP, LDC-SEV and Maeda Group will build and operate two world class ethanol refineries in Brazil, South America. The first refinery began producing ethanol in September 2008. The joint venture will focus on growing sugarcane and manufacturing and marketing conventional ethanol, and will include the associated agricultural assets and cogeneration plants. It combines Maeda's extensive experience in Brazilian agriculture, LDC-SEV's expertise in sugarcane-to-ethanol production, and BP's fuels technology expertise and access to international fuel markets.

Key facts – Joint venture

- Tropical BioEnergia S.A. is a joint venture between BP, LDC/SEV and Maeda Group.
- In 2008, BP acquired a 50% stake in the joint venture. LDC/SEV and Maeda each hold 25%.
- The JV will invest approximately US\$1 billion to construct two refineries.
- The first refinery began producing ethanol in September 2008. It will have a capacity of 435 million litres (115 million gallons) per year.

Markets and feedstock

- The refineries will supply Brazilian ethanol markets, with the potential to export to the demand markets of US, Europe and Asia.
- Ethanol is produced from locally grown sugarcane.
- Sugarcane is the most efficient source of biofuel currently available. Sugarcane lends itself to further improvement through the use of advanced biofuels technology and will therefore be a compelling source of renewable fuel for the foreseeable future. It provides a greenhouse gas emissions reduction of up to 90%.
- The refineries will be able to sell surplus electricity to the state grid, with each of them exporting at least 30 MW of surplus power from integrated bagasse (residue of sugarcane after crushing) cogeneration facilities.
- The facilities are also intended to offer a potential platform for deploying future technologies such as lignocellulosics and biobutanol.

Refineries and partners

- The first refinery began producing ethanol in September 2008, with full capacity for phase I anticipated by mid 2010.
- Tropical BioEnergia S.A. is based in Brazil, with regional offices in Goias and Sao Paulo.
- Tropical has more than 800 employees, over 500 of whom are harvest workers.
- LDC/SEV is Brazil's 2nd largest sugar cane crusher and already operates seven ethanol refineries.
- The Maeda Group is one of the largest cotton producers in the world and has 80 years of experience in Brazilian agriculture.