

Eastern and Southern Africa
Regional Workshop on Biofuels
(28-29 June 2007, Nairobi, Kenya)

Biofuels in Mauritius

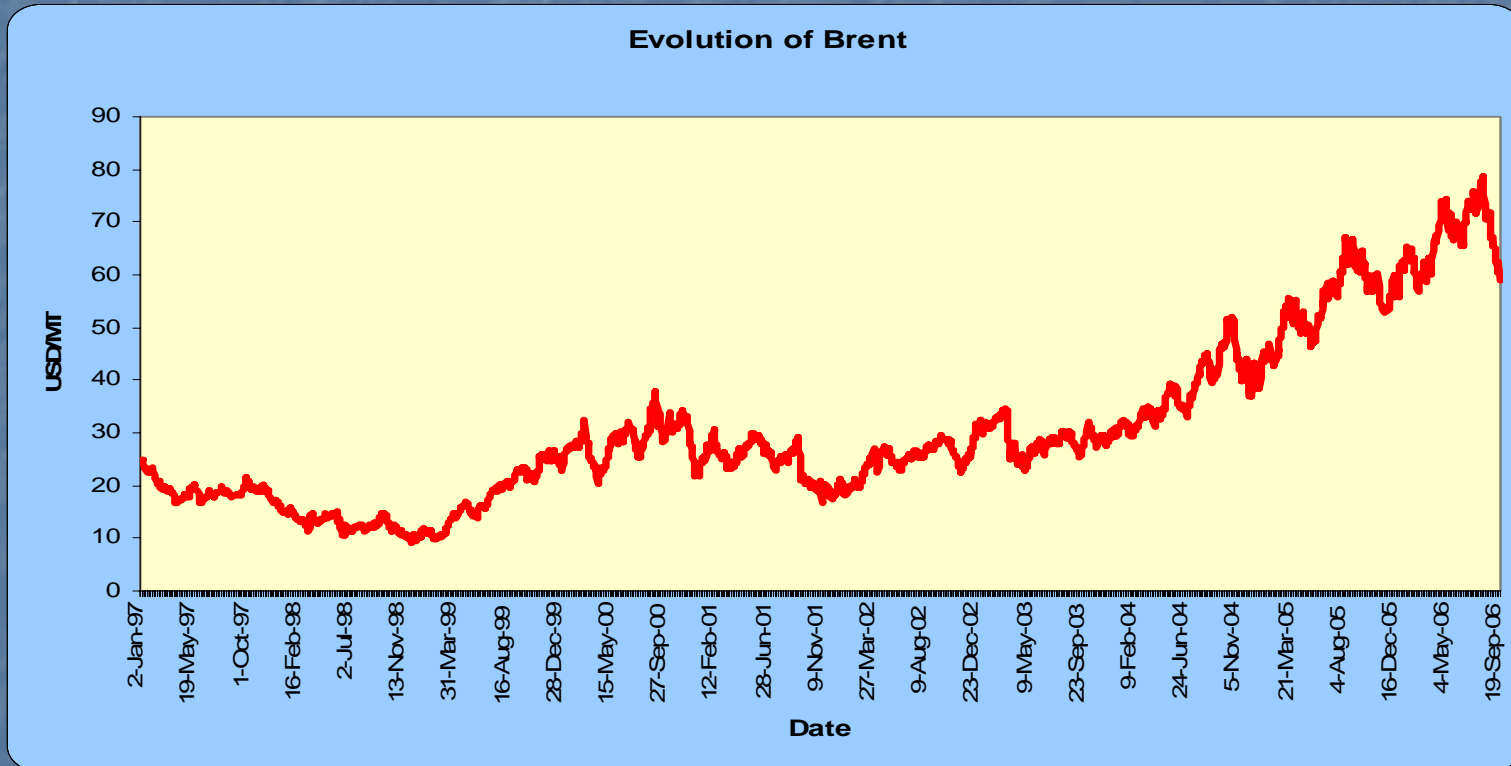
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Imports of petroleum products (2004-2007)

Year	2004/2005		2005/2006 (Estimate)		2006/2007 (Estimate)	
Product	Qty TMT	USD Million	Qty TMT	USD Million	Qty TMT	USD Million
White oil and Fuel oil	966	373	1000	506	1000	600
LPG	56	27	57	35	62	45

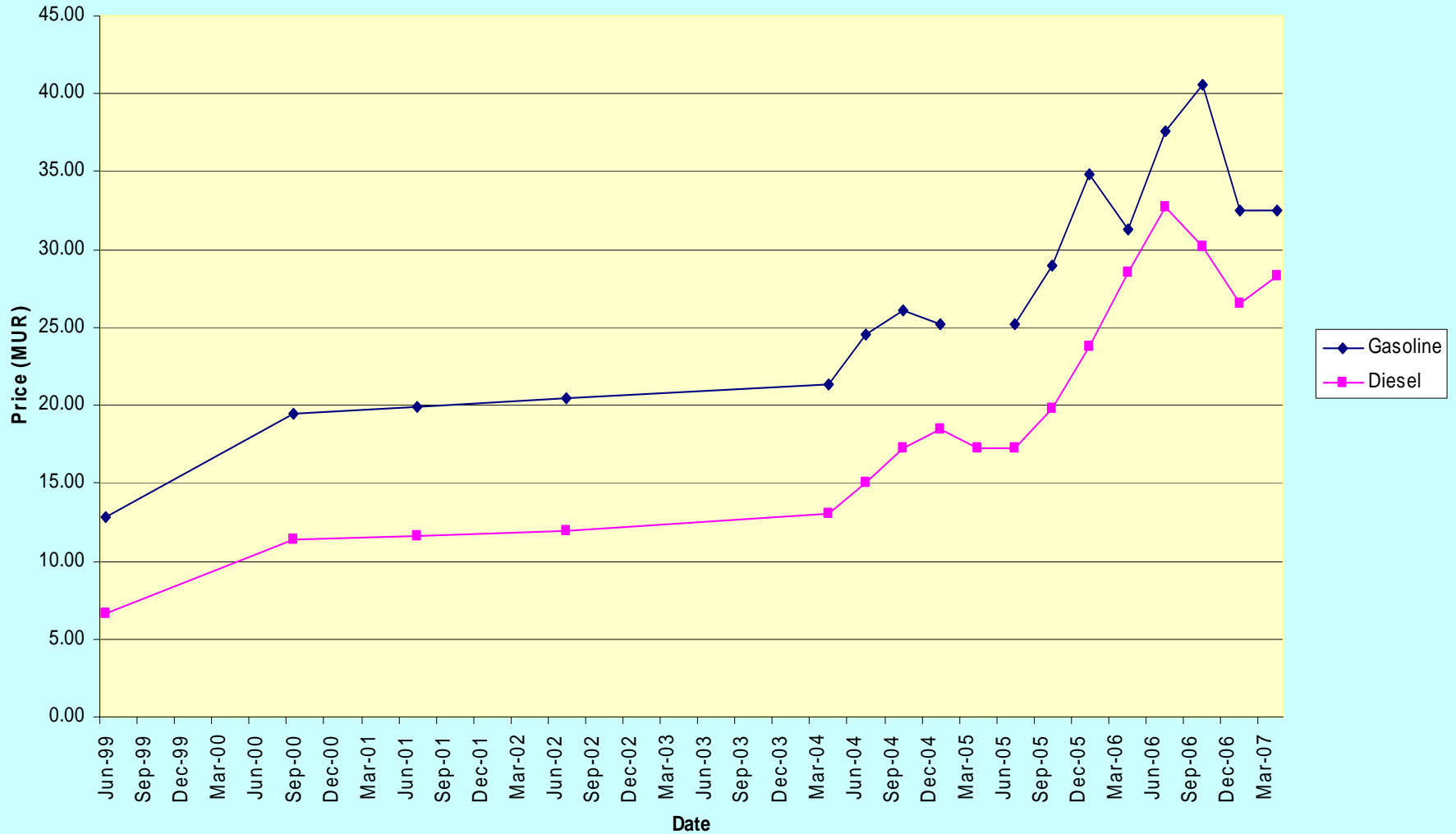
(TMT – Thousand Metric Tons)

Evolution of Prices of Petroleum Products in the World Market



(Evolution of Brent for last 10 years - Source: Platts)

Price Evolution on Local Market



Challenges

- To decrease dependency on imported and expensive fossil fuels
- To increase environmental weightage in energy decision-making

Responses to Increasing Oil Demand (National, Regional, International)

Sustainable Production and Consumption :

- Energy Efficiency
- Clean Fuel and Renewable Energy
- Effective Road Traffic Management
- Land Use Planning

Biofuels Policy

- New draft National Environment Policy (2006)
- Outline Energy Policy (2006-2025)
- Multi Annual Adaptation Strategy (2008-2013), which includes an Ethanol Development Strategy

Mauritius Biofuel Programme

- E10 (with ethanol from molasses)
[Tests run with 95 RON gasoline and imported anhydrous ethanol]
- Biodiesel (palm and soya oil)
[No test undertaken on vehicles yet; only lab test with 0.25S diesel blend]

E10 Trial (2006)

Type : Private initiative

Duration : 3 months (4th quarter 2006)

Sample : 25 cars (up to 10 years old)

Results : Positive

Drawbacks to large scale application :
Autocycles and logistics

Other Areas being explored

- Coconut oil (in trucks and in generators)
- Recycled cooking oil
- *Jatropha curcas* for biodiesel
- Waste Vegetable Oil Biofuel

Constraints

- Pricing of biofuels (subsidies?)
- Application (Mandatory/Optional ?)
- Small market
(E10 : 10000T/yr & B10 : 20000T/yr)
- Logistics (storage, distribution, retail)
- Ethanol production from molasses (wastes disposal)
- Consumer acceptance (awareness)

Policy instruments to promote biofuels

- **Planning** : strategies, programmes, SEA, LCA
- **Regulatory**: standards, norms, EPR, labelling, enforcement
- **Economic instruments**: taxes, subsidies, credits, financial incentives, etc.
- **Social**: awareness raising, education, information, voluntary initiatives, media
- **Others**: indicators, green accounting...

Opportunities

- Financing (GEF, CDM, Adapted UNDAF)
- Regional Biofuel Initiative/Programme
- Technology Transfer
- Capacity Building
- Networking

Thank you