POLICY DIALOGUE ON BIO-ENERGY IN SOUTHERN AFRICA





REPUBLIC OF SOUTH AFRICA CO-GENERATION STRATEGY THREE PRONGED MOVEMENT

INDEPENDENT INDUSTRY ACTION

Increased Generation for own account by extending utilisation of Bagasse/trash :- pelletisation to store or transport Bagasse.

:- green cane harvesting trials

> Transmission arrangement "wheeling" between production sugar centres. **Draft Proposals** Regional Distribution Networks (REDS)

CO-OPERATION WITH NER/ESKOM

Improved Efficiencies with surplus to Grid at a commercially accepted rate

GREEN ENERGY INDEPENDENT POWER PRODUCER

Maximise energy through "GOVT" support for renewables.

- Municipal Intervention support
- TRECS voluntary system



REPUBLIC OF SOUTH AFRICA **BIO-FUELS STRATEGY** POLICY DIALOGUE ON BIO-ENERGY IN S.A.

VESTED INTERESTS

- Sugar Industry -**Growers and Millers Division of Proceeds**
 - Sucrose Local
 - Molasses | region world regional

Sales

- Oil Refining Industry + SASOL
- Power Generation Industry National Energy Regulator **Department of Mineral & Energy**
- Motor vehicle industry



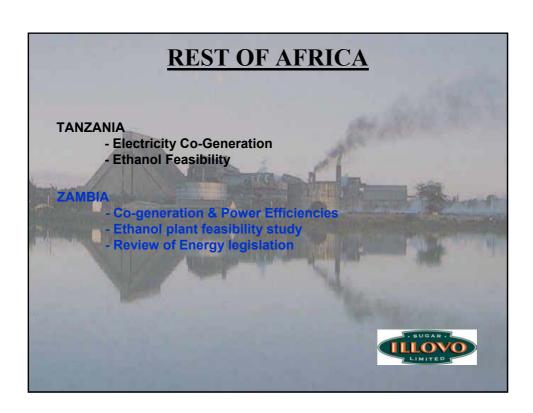
REPUBLIC OF SOUTH AFRICA BIO-ENERGY STRATEGY POLICY DIALOGUE ON BIO-ENERGY IN S.A.

DIALOGUE FORUMS

- Direct Government Contact
 - Tax concessions for bio-ethanol similar to bio-diesel
 - D.M.E. (through REEEP Platform)
 - DTI (with industry and individual players)
- Renewable Energy Industry
 - IEA Bio-energy forum (2004) for Biomass
 - Solar
 - Wind
 - Hydro
 - Nuclear



TANZANIA - Electricity Co-Generation - Ethanol Feasibility





REST OF AFRICA

TANZANIA

- Electricity Co-generation
- Ethanol Feasibility

ZAMBIA

- Co-generation & Power Efficiencies
- Ethanol plant feasibility study
- Review of energy legislation

MALAWI

- Co-generation feasibility
 - Third party Ethanol plant- Gelfuel manufacture
 - Full blending on gasoline

SWAZILAND

Octane enhancer policy review -

