

Manufacturing and Industry sector Interventions

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○ New developments in the Manufacturing Sector ○

Food sector

- Performing relatively well marking the *increase in demand for agricultural raw materials* (capital investments by Nestle Private Limited, Surface Wilmar, Olivine Industries, Arenel, Anchor Yeast, Delta Corporation, Willowton Group among others)

Chemical

- PPC plant expansion, Sino Zimbabwe which started production in early 2016, Dorowa now operating almost at full capacity, Dyno Nobel which manufactures explosives recently resumed operations (*increase in demand for natural resources and also in emissions*)

Pharmaceutical

- Quite significant Investments in the sector (*more demand for natural resources*)

Challenges facing Manufacturing Sector

Drought

- The manufacturing sector directly depended on the raw materials from the agro-based products such as maize and soya and therefore will be affected

Utility and infrastructural supply gaps

- High cost of doing business, rendering local products uncompetitive

Liquidity crunch

- Inadequate access to Finance, unfavourable Terms of Credit make it harder for industrialist to invest in cleaner production technology.

Challenges facing Manufacturing Sector

Antiquated machinery and equipment

- This not only affect product competitiveness but also is positively correlated to high levels of GHG Emissions

Underestimation of the Impact of Climate Change by Business

- Business reluctant to pay a premium on Green technology
- Business unaware of the Long-Run benefits of Green technology.

Strategies to Address Climate Issues

a). **Emphasis on Technology Transfer and Research and Development in the New 2017-2021 IDP**

- 2012-2016 Industrial Development Policy (IDP) was not that explicit on Environmental issues, the New 2017-2021 IDP will put more emphasis on Sustainable Industrial Development

Strategies to Address Climate Issues

b). Industrial Awareness Campaigns

1. Constant engagement with Industrialists and encouraging them to use technologies that minimize industrial emissions, reduce discharge of solid waste, improved water management and introduction and strengthening of cleaner production techniques.
2. Emphasis meeting International Environmental Standards and also on Eco-Labeling to access to Global markets, taking advantage of bilateral and multilateral agreements.

Strategies to Address Climate Issues

c). Duty Rebates on Capital Equipment

- Extension of duty rebate on imported capital equipment to encourage adoption of modern efficient and greener technology

Strategies to Address Climate Issues

d). Ministry's Participation in National and International Workshops and Conventions

- Green Conference
- Green Industry Seminar on Green Industry in Budapest
- BCSD Annual Conferences
- The Clean Development Mechanism (CDM) and Nationally Appropriate Mitigation Actions (NAMAs) Capacity Building Workshops

(ultimately aimed at finding Green solutions to achieve industrial growth while addressing climate issues).

Strategies to Address Climate Issues

e). Continued Engagement with National and International Organisations and Active Involvement in National and International Programmes

- Ministry leads the **Green Industry Initiative Committee**
- **Technical Committee for the National Domestic Solar Water Heating Project**
- **Subcommittee on Local Capacity Assessment and Quality Assurance for the solar geyser project**
- **UNIDO Country Programme** where the Green Industry Initiative is among the priorities

Strategies to Address Climate Issues

f). Removal of Subsidies on inefficient production methods

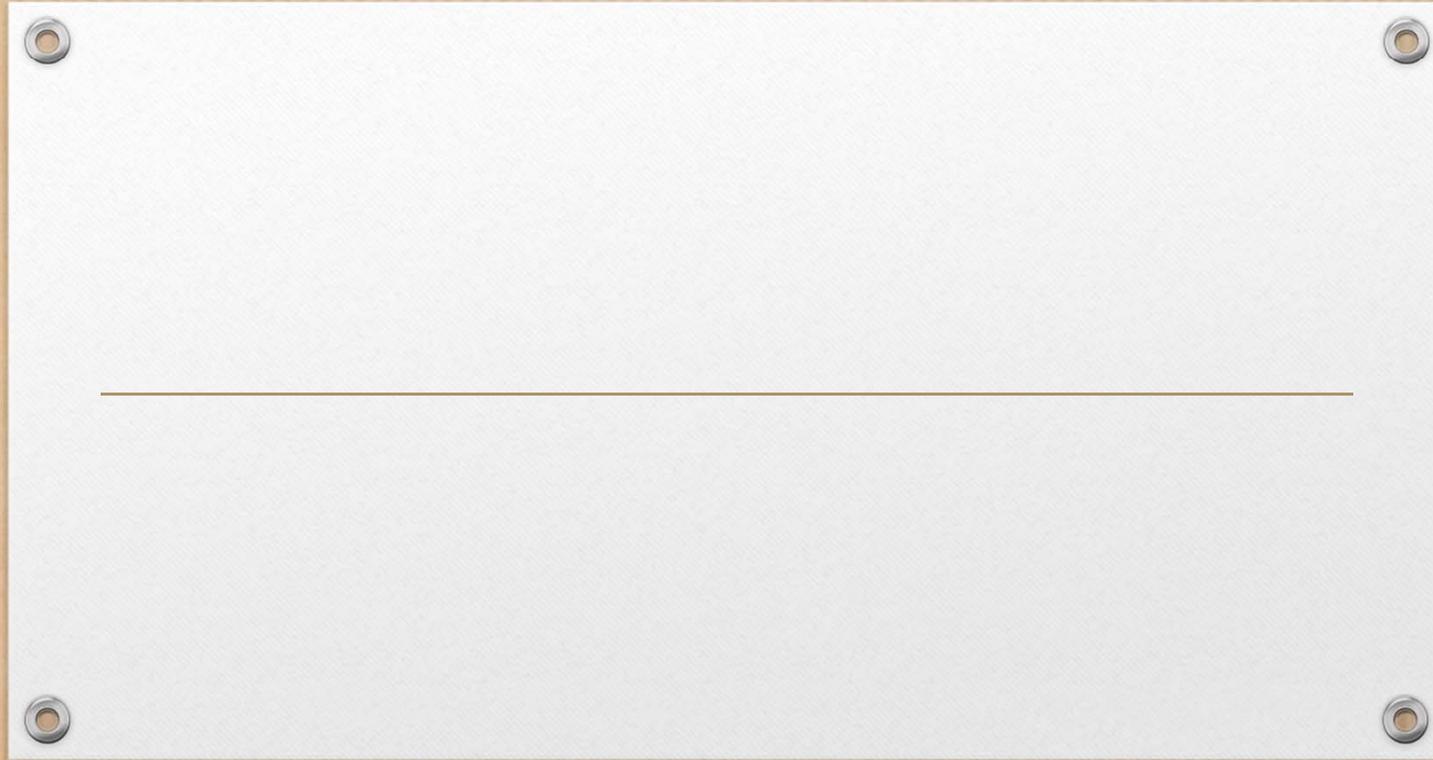
- Ministry is discouraging use of inefficient production methods through removal of subsidies from some companies which were using high polluting and less inefficient technology

g). Creation of Eco-parks

- The implementation of Special Economic Zones will integrate the concept of Eco-parks thus achieve efficiency/reduce footprint

Conclusion

- Ministry appreciates the impact of climate change
- Ministry is strongly committed to Achieving Sustainable Industrial Development.
- Ministry is ready for Investments in Green technology.
- Finance remain key and fundamental to achieving Sustainable Industrial Development given that Green technology is sold at a premium and the National Budget is currently constrained.



I Thank You