

BUSINESS RESPONSE TO CLIMATE CHANGE

Business Council for Sustainable Development Zimbabwe (BCSDZ)
Executive Director
Mr Tawanda Collins Muzamwese

CDM & NAMAs Training, Montclair Resort, Nyanga, 24-25 August 2016

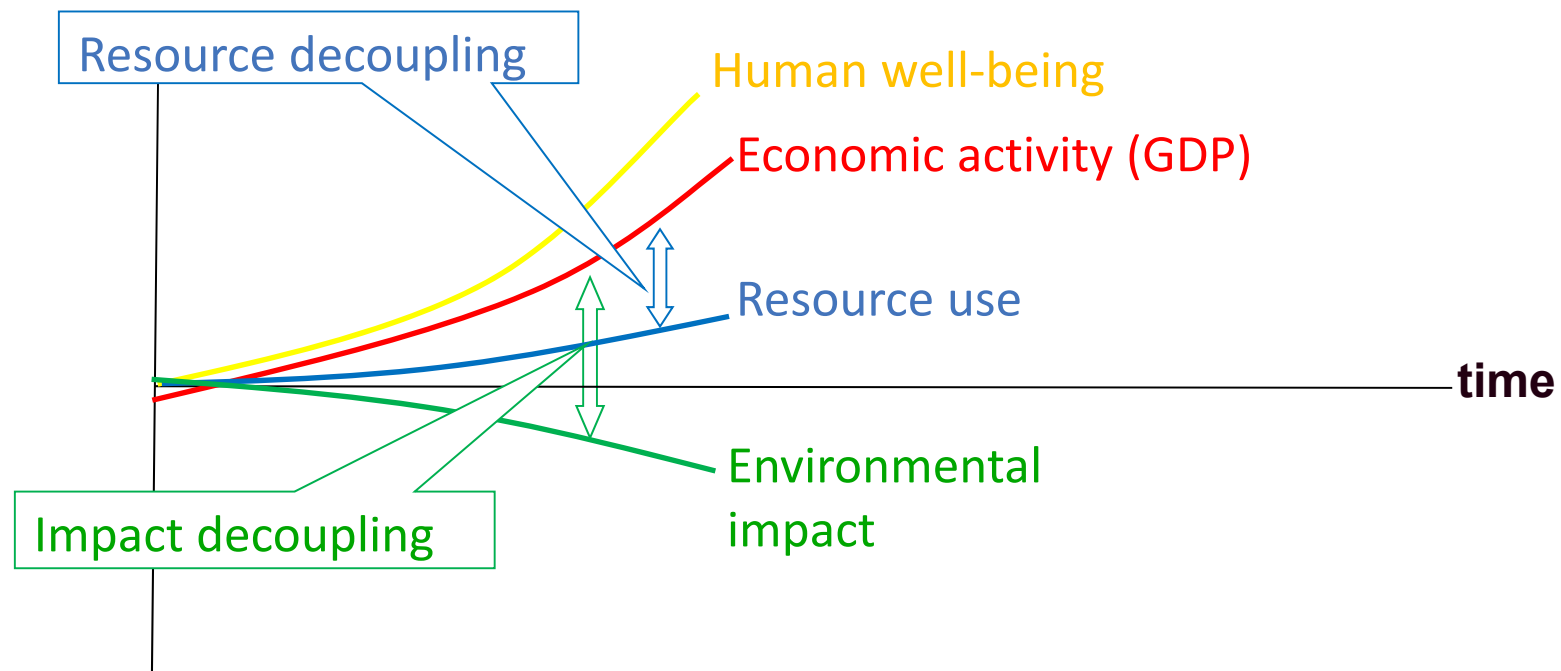


The BCSDZ is a partner of the
wbcsd
global network

Introduction

- Global patterns of production and consumption have risen to unprecedented levels in recent years.
- Continuation with the business as usual will result in dire consequences on ecological systems and human survival
- It is clear that we now need to decouple economic growth from resource intensity
- Climate change is one of the biggest challenges affecting the world in the 21ST century
- **Business has an impact through production processes and at the same time has the capability to facilitate climate change mitigation and adaptation through implementing clean technologies**

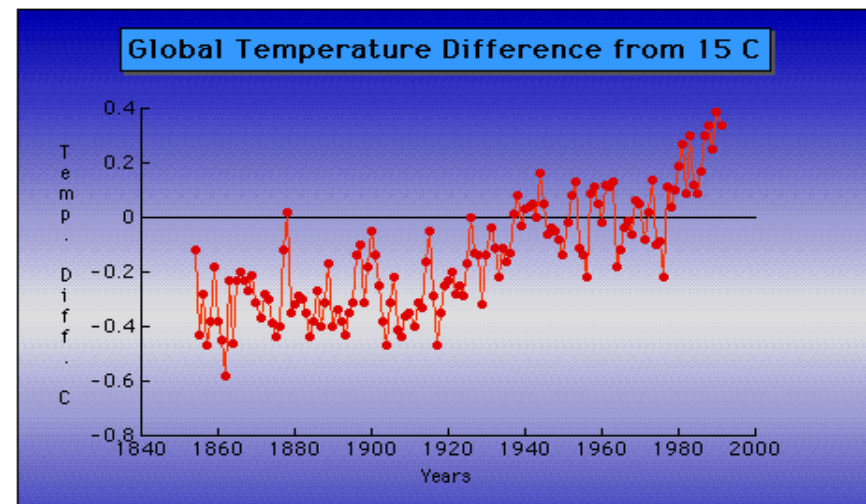
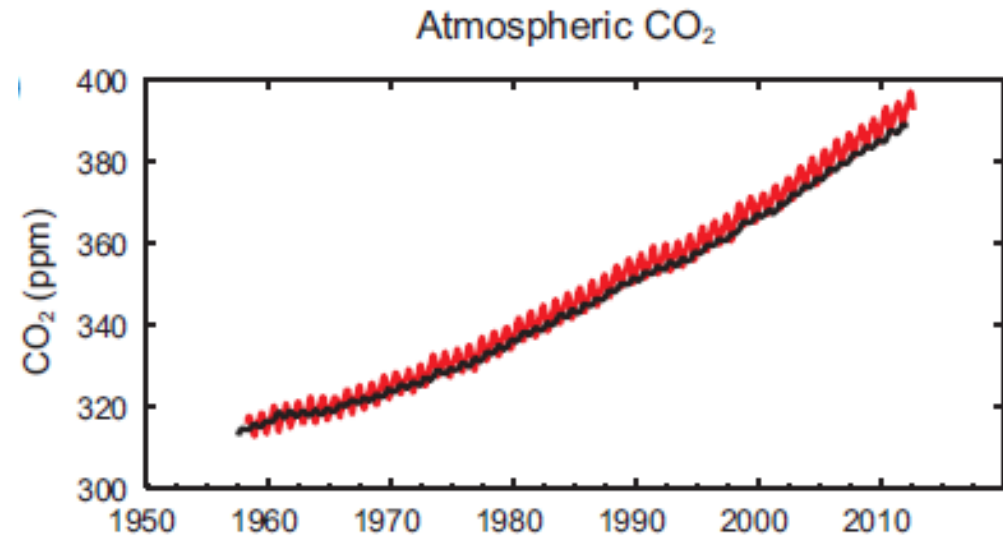
Decoupling to mitigate climate change



Climate Change – Unequivocal Global Challenge

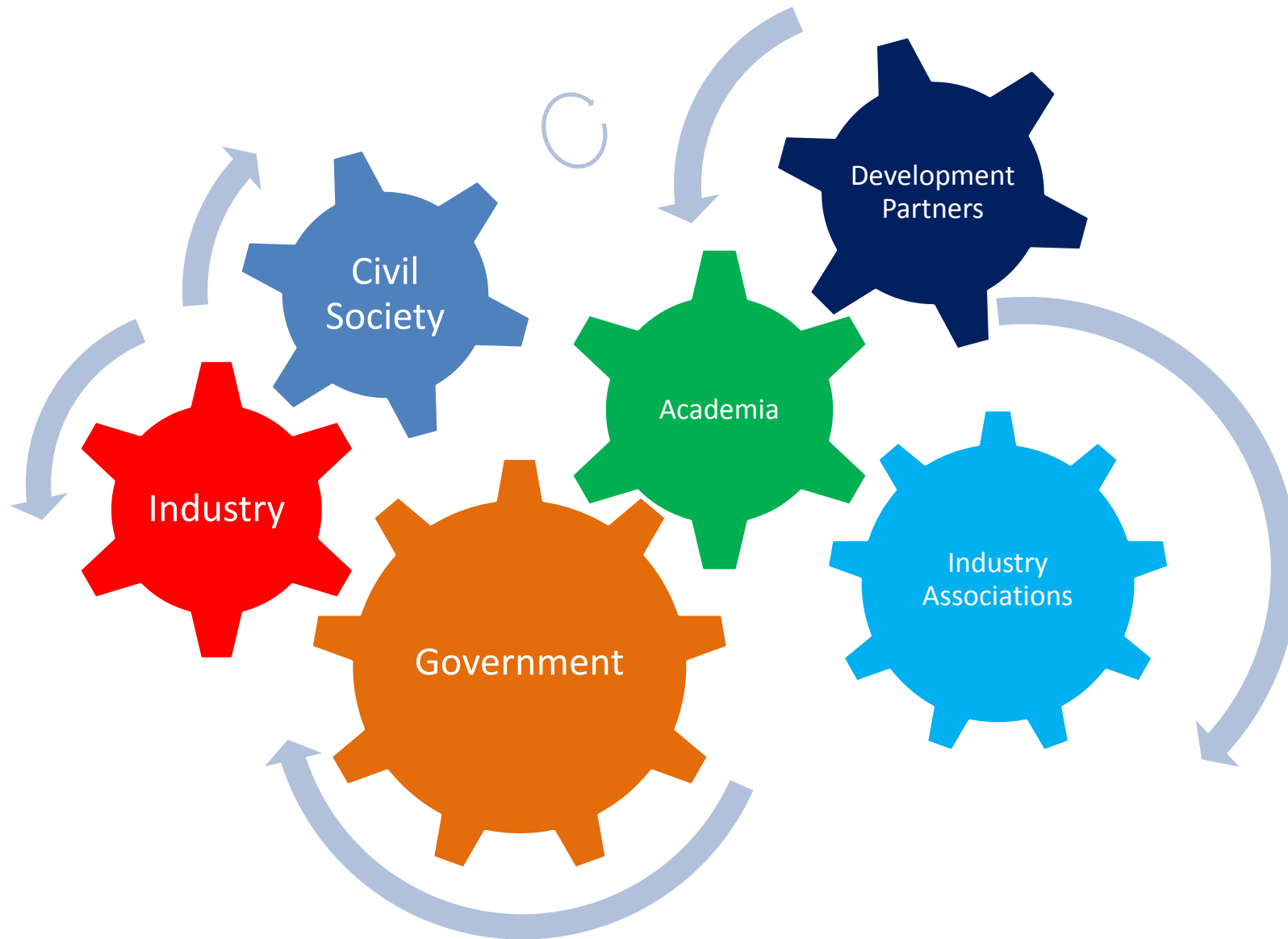
“The atmosphere and ocean have warmed, the amounts of snow and ice have diminished, sea level has risen, and the concentrations of greenhouse gases have increased”

Source: IPCC, 2013

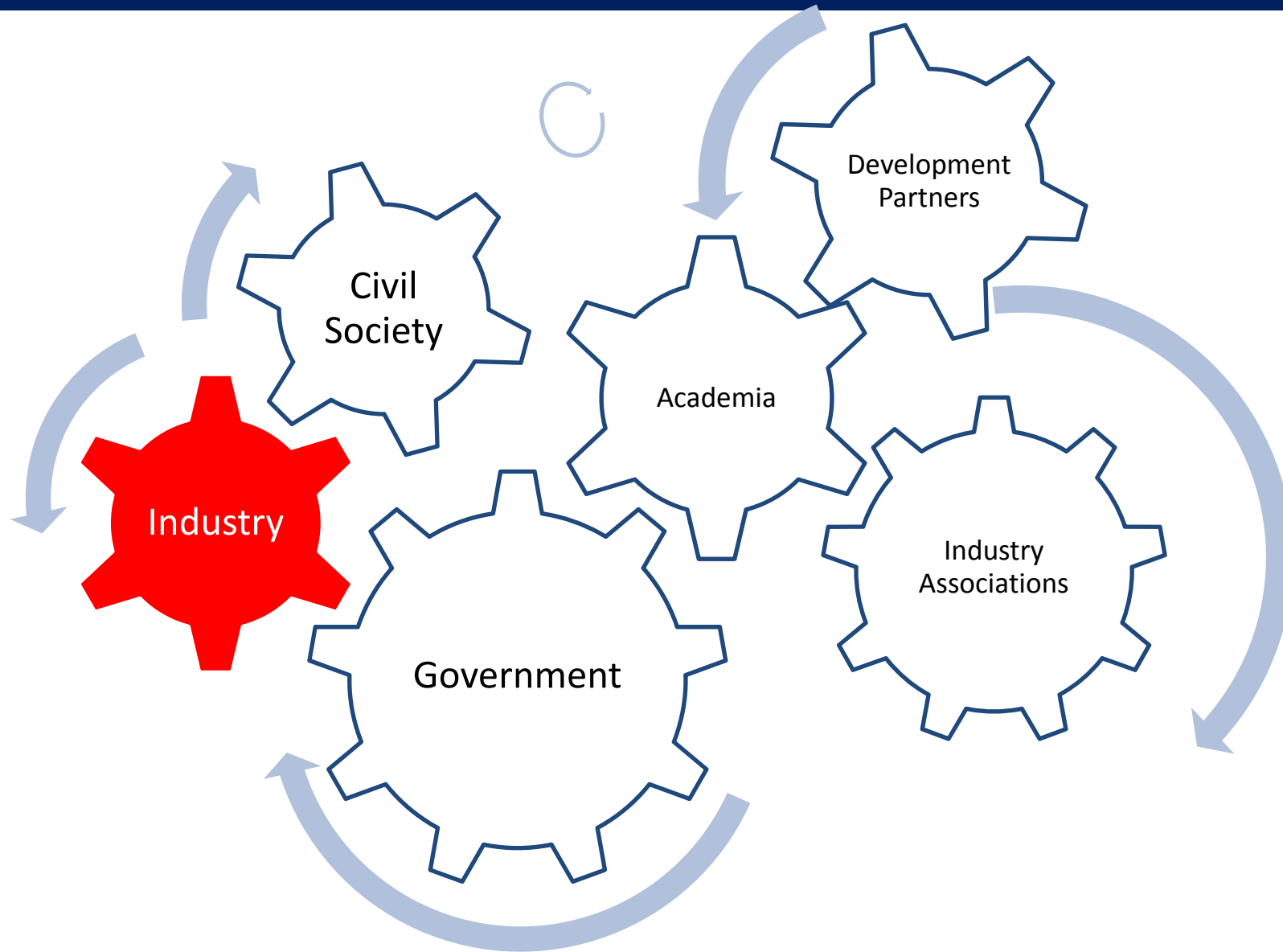


(Source: IPCC; 2013)

Multi-stakeholder partnerships key to mitigation and adaptation



The role of business in climate change



Overview of BCSDZ

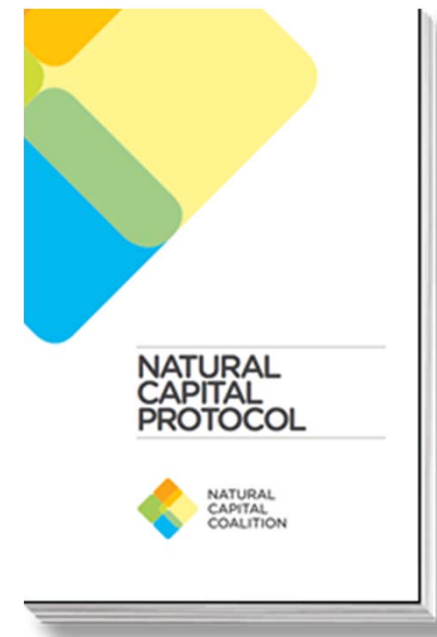
- Formed 23 years by progressive business leaders
- Initially called Environmental Forum of Zimbabwe (EFZ)
- More than 50 Member companies
- Member of the World Business Council for Sustainable Development (WBCSD)
- Carries out workshops, industrial field visits, networking, awareness and conferences
- Technical Committees
 - Climate Change
 - Energy
 - Waste
 - Water
 - Sustainability Reporting
 - Legislation



BCSDZ has been a leading voice in climate change mitigation in Zimbabwe and promoting mainstreaming of carbon foot-printing at company level

BCSDZ Initiatives and Projects linked to Climate Change

- Low Carbon Technology Partnership Initiative (LCTPi)
- Below 50 Initiative
- Vision 2050
- Action 2020
- Industrial Energy Efficiency (IEE) and Renewable Energy (RE)
- Natural Capital Protocol
- Inclusive business
- Carbon foot-printing
- Sustainability reporting
- Promoting environmental and energy management systems standards such as ISO 14001:2015 and ISO 50001
- Water auditing and saving programmes in industry
- Involvement in development various technical committees
- Policy advice on climate change



BCSDZ Awareness and Information Dissemination

BCSDZ UPDATE



BUSINESS COUNCIL
FOR
SUSTAINABLE
DEVELOPMENT
ZIMBABWE

BCSDZ Members' Electronic Newsletter

June 2016

HEADS OF STATE SIGN PARIS AGREEMENT AT A GLOBAL MEETING IN NEW YORK

Dawn of a new era - New climate change deal!

World leaders attended the signing ceremony on April 22, 2016 of the Paris Agreement based on the negotiations that were carried out in Paris, France in December 2015. The new climate change deal will become effective in 2020. It is imperative that the effects of climate change are addressed through stepping up action in climate change adaptation and climate mitigation in developing and transition countries. This Paris Agreement will replace the Kyoto Protocol which was signed in 1997 in the city of Kyoto Japan. Key pledges have been made by the international community to ensure that Intended Nationally Determined Contributions (INDCs) are achieved. Since the signing of the agreement they will now become known as the Nationally Determined Contributions (NDCs).

In This Issue

- Farewell to retiring Secretariat
- Signing of Paris Agreement
- Standards Roundtable
- Inclusive Business Forum
- Hazardous Chemicals Workshop

BCSDZ continually provides information on the latest developments on climate change and raises awareness amongst industrialists.

This is carried out through the **BCSDZ Update** publications and various toolkits

BCSDZ Activities on climate change

Climate change

- Training of members in climate change mitigation technologies
- Awareness of low carbon pathways for industry

Energy Efficiency and RE

- Active promotion of industrial energy efficiency
- Collaboration and presentation by winners of energy awards
- Renewable energy displays at various BCSDZ eVENTS

Water

- Promotion of water auditing, water use efficiency and costing
- Promotion of waste recycling at industrial levels

Waste

Promotion of waste to energy projects at industry level and promotion of waste minimization

Sustainability Reporting & Climate Change

Capacity building on sustainability reporting at company levels. Various members of BCSDZ now reporting

Promoting adoption of sustainability at Global Stock Markets including ZSE

REUTERS

Business Markets World Politics Tech Commentary Breakingviews Money Life

Business | Tue Dec 8, 2015 9:53am EST

FTSE Russell suspends Volkswagen from sustainable index series



en on a Golf car parked at a dealership in Seoul, South Korea, November 25, 2015. Picture taken

BREAKINGVIEWS

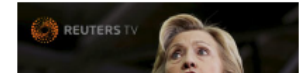


What some won't say: Globalization works

Tom Perkins sails away from changed Silicon Valley

Supercell, can you keep churning out gems?

Merger 'synergies' can't just be code for job cuts



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Opinion & Analysis / Columnists
JSE's sustainability regu
BY DIPOLELO MOIME MAY 04 2016

MINING WEEKLY

Sustainability reporting on the rise among JSE-listed companies

www.herald.co.zw/zse-needs-to-toughen-up-on-environment/

The Herald

Sunday, 12th June 2016

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Five in the dock on kidnapping charges

Mourinho happy with performance

ZSE needs to toughen up on environment

October 20, 2014 Business

Jeffrey Gogo Climate Story

THE Zimbabwe Stock Exchange (ZSE) needs to start showing greater commitment towards the environment to satisfy emerging requirements for green growth and keep up with expectations of responsible investors. In their current form, the stock market's listing regulations – as contained in a 209-page downloadable document from the ZSE website – are broadly vague, where environmental sustainability is concerned.

The regulations neither compel companies to meet certain environmental standards prior to listing nor expect operations to prove, on a continuous basis that they are environmentally sustainable post-listing.



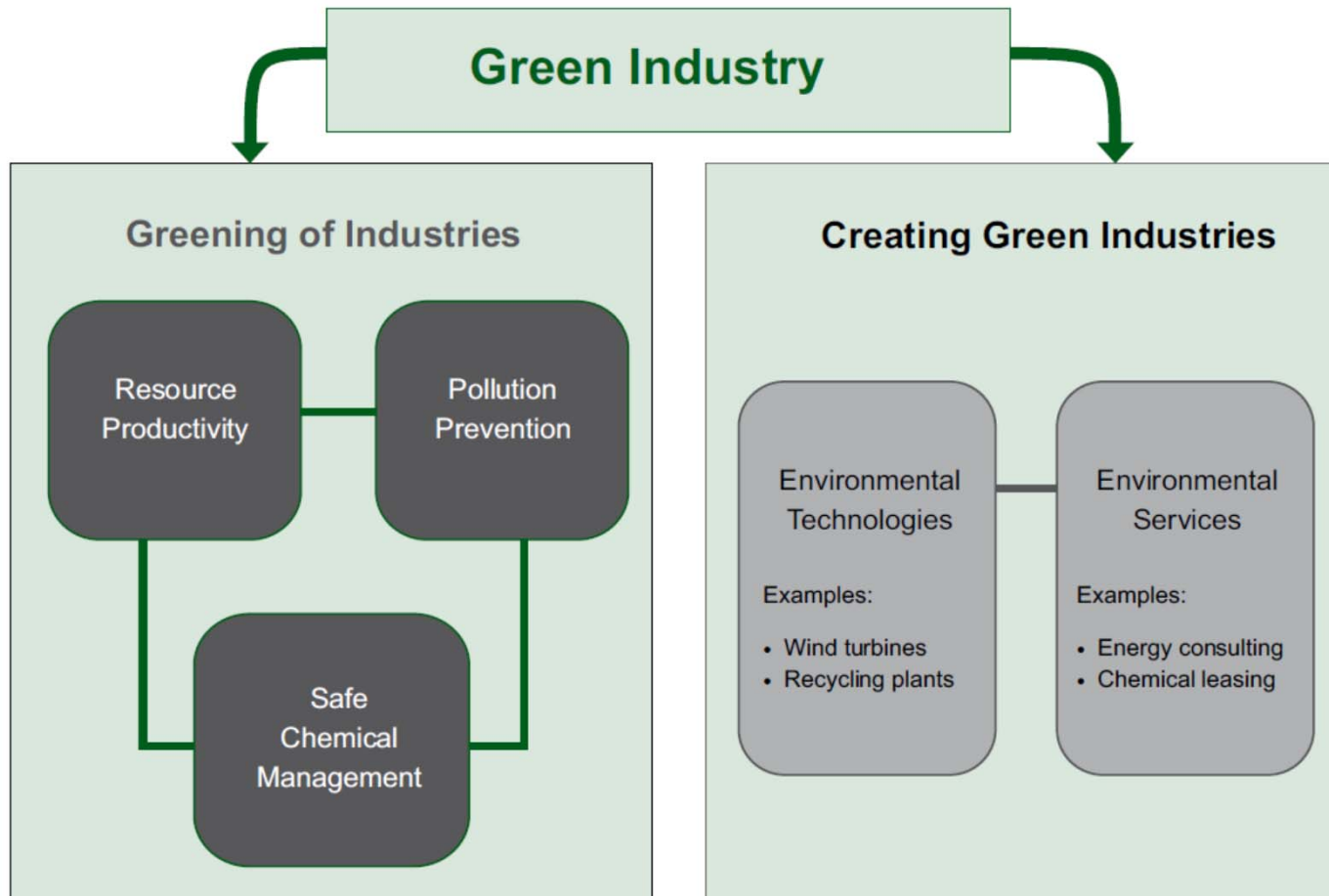
BCSDZ and ZSE listing requirements

- BCSDZ has collaborated with stakeholders in promoting the adoption of sustainability as part of listing requirements for the Zimbabwe Stock Exchange
- Dialogue and workshops have been carried out between BCSDZ, ZSE and Deloitte in promoting this development
- When full implemented it can result in significant reductions in Greenhouse Gas Emissions
- This is in line with global trends of sustainability

Green Industry initiative in Zimbabwe – Public Private Partnership

- BCSDZ is involved in the development Green Industry Initiative in partnership with Government of Zimbabwe and UNIDO.
- In 2009 at the Manila Declaration UNIDO conceptualised the Green Industry Concept as a two pronged approach that seeks to *“Green Existing Industries”* and *“Creating new Green Industries”*
- In 2012 Government of Zimbabwe through Ministry of Industry and Commerce made a formal request to UNIDO HQ for technical assistance in formulating a GI programme
- Since 2013, the Business Council for Sustainable Development Zimbabwe (BCSDZ), United Nations Industrial Development Organisation (UNIDO) and Government of Zimbabwe have been developing a **Public Private Partnership** project called the Green Industry Initiative in Zimbabwe to facilitate a resource efficient and low-carbon future in Zimbabwe.
- The GI - Project promotes resource efficiency, reduction of Greenhouse gas (GHG) emissions and facilitates Low-Carbon Green Growth in the industrial production sector through promoting industrial energy efficiency, emissions reduction, renewable energy technologies, efficient water utilisation, safe chemicals management, waste management and climate change mitigation.

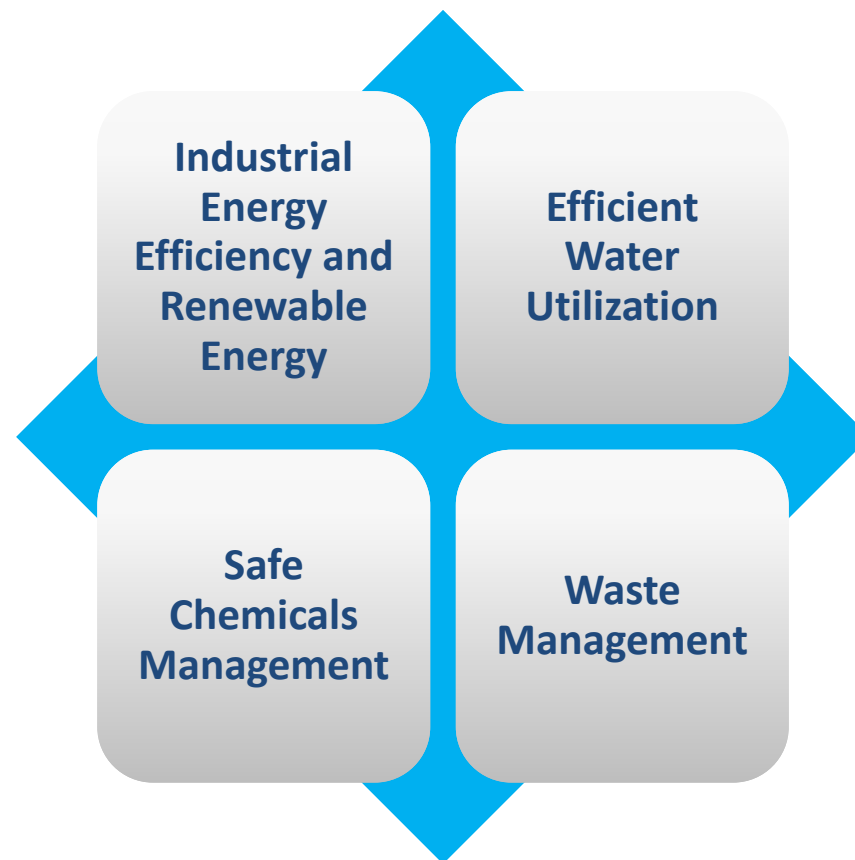
Green Industry Initiative



Source: UNIDO; 2013

Thematic focus of Green Industry can mitigate climate change

- The Green Industry Pilots in selected sectors will consist of our thematic areas based on the stakeholders consultation requirements



*Thematic areas of
the Green Industry
Initiative in
Zimbabwe*

Green Industry and the Paris Climate Change Agreement

- Green industry offers an opportunity for member states and parties of the UNFCCC to meet their commitments of low-carbon and resource efficient technologies required for climate change mitigation and meeting the requirements of Nationally Determined Contributions (NDCs)
- Various Green Industry technologies will be required key in achieving mitigation including Industrial energy efficiency, renewable energy, Carbon Capture and Storage (CCS), Waste to energy.
- Key to the Paris Agreement are issues to do with **mitigation**, adaptation, **finance, technology development and transfer and capacity-building**; and transparency of action and support.
- Through the Green Industry Initiative BCSDZ can contribute towards achieving the NDCs through reducing emissions from industrial development

Green Industry enables member states to significantly reduce their Greenhouse Gas Emissions (GHGs)

Inclusive Business Forum

- Through the kind assistance of SNV and the Ford Foundation BCSDZ has been implementing an Inclusive Business which has promoted implementation of sustainable development in selected value chains e.g agriculture, dairy with local SMEs.
- Through the IB models companies have been able to reduce emissions and at the same time increase income and create green jobs

Stepping up action on mitigation

- Business is committed to stepping up action on mitigating climate change as seen by members moving from basic environmental management tools to advanced concepts that scale-up mitigation
- In order to achieve a higher impact, there is urgent need to harness new and existing sustainability concepts that address climate change
 - Resource Efficient and Cleaner Production
 - Eco Efficiency
 - Industrial Ecology
 - Industrial Symbiosis
 - Sustainable Consumption and Production (SCP)

Mainstreaming climate change and sustainability reporting as part of reporting requirements for the stock market in line with global trends

Challenges to adoption of green technology

Challenges	Potential strategy to address challenge
<p>1. POLICY AND REGULATORY</p> <ul style="list-style-type: none"> • Limited policy incentives and economic instruments to encourage industry to implement green technologies 	<p>Include incentives in the policy mix Improve enforcement of existing policies</p>
<p>2. TECHNICAL</p> <ul style="list-style-type: none"> • Obsolete and inefficient technologies and production processes in selected industries • Limited technical know-how on implementing advanced green technologies • Low replication and up-scaling of existing success stories and demonstration projects • Lack of equipment for environmental monitoring 	<p>Replace obsolete technologies with new resource efficient technology Adopt existing technologies based on best practice from the industrial sector Collaborate with technical assistance providers to increase resource efficiency of existing plants Implement benchmarking projects</p>
<p>3. INSTITUTIONAL</p> <ul style="list-style-type: none"> • Low institutional capacity for developing CDM projects • Low technical capacity of the private industries to implement Resource Efficient technologies • Lack of a knowledge management system to capture success stories and case studies 	<p>Increase training and capacity building of stakeholders at all levels in the development and implementation of CDM Strengthen knowledge management systems to draw lessons for replication and up-scaling based on in-country experiences as well as regional and international</p>
<p>4. FINANCIAL RESOURCES</p> <ul style="list-style-type: none"> • Lack of resources to invest in clean technologies • Limited green financing schemes 	<p>Establish a funding mechanisms through setting up a funding mechanism to support private sector sustainability investments Involvement of the financial services sector in supporting GI projects</p>

The BCSDZ is committed to promoting climate change mitigation amongst its members as a mechanism for Inclusive and Sustainable Development (ISID)



Thank you