

# Sustainable Environmental Management and Legislation Summit 2012

Examining the business risks of, and opportunities for, implementing an environmental management programme in the light of current and future legislation

6, 7, 8 & 9 March 2012 • The Wanderers Club, Illovo, Johannesburg

## Your panel of expert speakers include:

- **Saliem Fakir**, Head of the Living Planet Unit, World Wildlife Fund
- **Mark Gordon**, Specialist Advisor: Renewable Energy, Department of Environmental Affairs
- **Professor Hamanth Kasan**, General Manager: Scientific Services Division, Rand Water
- **Andrew Gilder**, Director, IMBEWU Sustainability Legal Specialists
- **Dr. Marco Lotz**, Sustainability Carbon Specialist, Nedbank
- **Dr. Urishanie Govender**, Group Manager: Sustainability & Environment, PPC
- **Claudene Moorgas**, Environmental Manager, Afrisam
- **Marriette Liefierink**, CEO, Federation for a Sustainable Environment
- **Dr. Ernst Basson**, Director, Glyn Marais Inc
- **Peter Oldacre**, Senior Manager Sustainability & Climate Change, Deloitte
- **Michael Judin**, Senior Partner, Goldman Judin Inc
- **Advocate Mark Andersen**, Operations Manager, LexisNexis
- **Melissa Groenink**, Environmental & Clean Energy Lawyer, Shepstone & Wylie Attorneys
- **Aimée Girdwood**, Director, Aimée Girdwood Energy and Sustainable Development Solutions
- **Nyundo Armitage**, ESIA Practitioner, Golder Associates Africa
- **Simon Gear**, Air Quality & Climate Change Specialist, Kijani Green Energy
- **Alex McNamara**, Principal Consultant, Camco Global

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## Gain valuable insights from the following topics:

- Looking at environmental management as a smart investment that drives business results
- The evolving South African climate change legal regime
- Integrated reporting and how to mitigate sustainability risk
- The carbon taxation debate and its implications for SA businesses
- Exploring the use of renewable energies as an environmentally sustainable solution for business
- Legislation updates on air quality, water management and management of waste
- Implementing compliance strategies to avoid environmental litigation

## Full day pre-conference workshop: 6 March 2012

### Exploring strategies for reducing your carbon footprint and saving costs

Facilitated by:

Alex McNamara, Principal Consultant, Camco Global

## Full day post-conference workshop: 9 March 2012

### Examining the different pieces of environmental legislation and how companies can implement compliance strategies and avoid litigation

Facilitated by:

Advocate Mark Andersen, Operations Manager, LexisNexis

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Researched and Developed by:



Dear Environmental Professional

I am sure you will agree with me that environmental management is becoming an increasing concern for business as governments struggle to reach consensus on a wide range of issues regarding the potential impact of climate change on environmental systems. Christiana Figueres, Executive Secretary for the United Nations Framework Convention on Climate Change (UNFCCC), comments that: "...the scale of the task at hand exceeds the capacity of the political and economic mechanisms currently available to meet the task. Furthermore, the willingness of governments to move forward ambitiously is severely handicapped unless business provides the impetus". 10 October 2011, International Green Business Dinner, London.

And that is where you come in.

As an environmental practitioner, your role is to ensure that the business in which you operate meets the environmental management and legislative requirements, which in turn demonstrates your leadership in greening your operations and can even contribute positively to your bottom line.

But just how simple is this? The reality is that there are a number of challenges in implementing an environmental management programme given the current legislative situation and the ever changing international best practices regarding environmental sustainability.

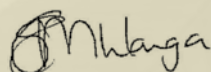
IIR's **Sustainable Environmental Management and Legislation Summit 2012** is designed to provide a learning platform that will inspire you on how your company can rise to the challenges surrounding compliance with legislation and at the same time, explore the latest developments in sustainable environmental management.

With key learnings from renowned environmental sustainability thought leaders and best practice case studies from PPC and Afrisam, you will be able to relate the solutions and situations shared at the conference back to your own environmental management programme, which will give you many fresh ideas for action plans to achieve success in your environmental management initiatives.

Book your seat now and benefit from this prominent post-COP17 event.

I look forward to meeting you at the conference in March 2012.

Kind regards



**Busie Mhlanga**  
Project Manager: Conferences  
Institute for International Research

*P.S. Don't miss the post-conference workshop on the different pieces of environmental legislation and how companies can implement compliance strategies and avoid litigation.*

## Day one: 6 March 2012



### Full day pre-conference interactive workshop

#### Exploring strategies for reducing your carbon footprint and saving costs

Facilitated by **Alex McNamara**, *Principal Consultant, Camco Global*

##### What will be covered:

- What is a carbon footprint?
- Analysing the different types of carbon footprints and how they apply to your organisation
- Exploring the business case for reducing your carbon footprint, including the benefits of voluntary reporting and target setting
- Overcoming organisational challenges in addressing climate change
- Creating key strategies and approaches used to support carbon reductions
- Examining best practices in reducing your carbon footprint
- Addressing typical cost saving measures

##### Delegates will receive:

- A sound understanding of the practice of carbon footprinting and how this can be applied to different organisational areas
- A clear sense of different approaches used to reduce footprints, including best practices and typical cost saving measures
- An overview of methods used to overcome organisational barriers
- An understanding of how carbon reduction initiatives can support wider organisational objectives

Registration starts at 08h00. The workshop will run from 08h45 to 16h00 with breaks for refreshments and lunch.

## Day two: 7 March 2012



08h00 Registration and early morning refreshments

08h30 **Chairman's welcome and opening remarks**  
**Aimée Girdwood**, *Director, Aimee Girdwood Energy and Sustainable Development Solutions*

08h45 **Looking into environmental management as a smart investment that drives business results**

- What contribution does environmental management and compliance to environmental legislation make to the bottom line?
- The green space: is it really the new way of doing business?
- Quantifying the financial benefits of implementing an environmental management policy and reducing your carbon footprint

**Saliem Fakir**, *Head of the Living Planet Unit, World Wildlife Fund*

09h30 **Exploring the evolving South African climate change legal regime**

- The South African carbon market – a look back and the status quo
- Analysing the position of the European Union and why this is important for the future of the South African market
- Reviewing the implications of COP17 for the SA market
- Analysing the national climate change response: how should South African businesses respond to the white paper?
- Looking at the future of the market and how your organisation can benefit

**Andrew Gilder**, *Director, IMBEWU Sustainability Legal Specialists*

10h15 Mid-morning refreshments and networking

10h45 **Analysing climate finance: how can businesses unlock finance for climate change activities?**

- Examining the role of government and financial institutions in funding climate change activities: finding complementary roles for private and public finance
- Looking at investor trends and exploring opportunities for innovative financing mechanisms that will fund projects
- Identifying viable partnership strategies to fund low-carbon activities

**Peter Oldacre**, *Senior Manager Sustainability & Climate Change, Deloitte*

11h30 **Examining the concept of integrated reporting and how to mitigate sustainability risks by understanding key legislation, frameworks and regulations**

- Promoting integrated reporting as a source of competitive advantage rather than a regulatory burden
- Discussing the framework for integrated reporting and the integrated report
- Analysing integrated reporting as a sustainable strategy for better management of reputational risk
- Preparing specialist reports: taking into consideration the requirements of the various industry stakeholders

**Michael Judin**, *Senior Partner, Goldman Judin Inc*

12h15 Lunch and networking

13h15 **Integrated reporting as an essential risk management strategy: the success story of PPC**

- Defining integrated reporting and the link to PPC's sustainability strategy
  - Identifying material issues through organisation-wide risk assessment and stakeholder engagement
  - Developing strategies to address risks and opportunities relating to material issues
  - Investing in people and communities to deliver sustainable performance
  - Partnering for success
  - Setting targets for improving monitoring and reporting
  - Looking at the long term view and the way forward
- Dr. Urishanie Govender**, *Group Manager: Sustainability & Environment, PPC*

14h00 **Sustainable carbon footprint reduction, the success story of Afrisam**

- Product carbon footprints - a first
  - Discussing low energy extenders in cement manufacturing
  - Introducing eco-building cement, the lowest carbon footprint cement in South Africa
- Claudene Moorgas**, *Environmental Manager, Afrisam*

14h45 Mid-afternoon refreshments and networking

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## 15h15 Exploring the carbon taxation debate and its implications for South African businesses

- Investigating the effectiveness of reducing greenhouse gas emissions through the introduction of carbon taxation
- Investigating the impact of carbon taxation on sectors such as mining, energy, chemical and oils
- Identifying the risks and opportunities of carbon taxation for businesses

**Dr. Marco Lotz**, *Sustainability Carbon Specialist*, **Nedbank**

## 16h00 Is South Africa ready for carbon taxation?

- Directly following the expert commentary on carbon taxation, a carefully selected panel will lead the debate on the business realities of the imminent implementation of this tax

**Dr. Marco Lotz**, *Sustainability Carbon Specialist*, **Nedbank**  
**Salim Fakir**, *Head of the Living Planet Unit*, **World Wildlife Fund**  
**Peter Oldacre**, *Senior Manager Sustainability & Climate Change*, **Deloitte**  
**Aimée Girdwood**, *Director*, **Aimée Girdwood Energy and Sustainable Development Solutions**

16h30 Chairman's closing remarks

16h45 Close of day two

## Day three: 8 March 2012



08h00 Early morning refreshments

08h30 Chairman's welcome and opening remarks

**Nyundo Armitage**, *ESIA Practitioner*, **Golder Associates Africa**

## 08h45 Exploring the use of renewable energies as an environmentally sustainable solution for businesses

- An overview of current developments in renewable energies
- To what extent can renewable energy initiatives solve the energy problems facing South African businesses?
- Examining the Integrated Resource Plan 2010 (promulgated in 2011) and its role in the management of energy demand and supply in South Africa

**Mark Gordon**, *Specialist Advisor: Renewable Energy*, **Department of Environmental Affairs**

## 09h30 Examining how to conduct strategic Environmental Impact Assessments (EIAs)

- Changing your perspective of EIAs from a legal requirement to a practical planning tool
- Enhancing the effectiveness of public participation in your EIA process through the use of monitoring and evaluation checklists
- Scaling up the quality factor in EIAs: effective solutions for successful implementation

**Nyundo Armitage**, *ESIA Practitioner*, **Golder Associates Africa**

10h15 Mid-morning refreshments and networking

## 10h45 Waste management legislation: how can organisations comply with legislation and even benefit from it?

- Discussing the key legislation relating to waste and the Integrated Waste Management Plan
- Calculating the cumulative impact of waste legislation on businesses
- Examining how businesses can review and update their existing waste management practices
- Identifying workable strategies that both reduce the burden of waste management and contribute to achieving a sustainable waste management solution for the country

**Melissa Groenink**, *Environmental & Clean Energy Lawyer*, **Shepstone & Wylie Attorneys**

## 11h30 What are the social and environmental implications of mine waste as a result of mine closure?

- The Witwatersrand has been mined for more than a century. It is the world's largest gold and uranium mining basin with the extraction, from more than 120 mines, of 43 500 tons of gold in one century and 73 000 tons of uranium between 1953 and 1995. The basin covers an area of 1600 km<sup>2</sup>, and has led to a legacy of some 400 km<sup>2</sup> of mine tailings dams and 6 billion tons of pyrite tailings containing 430 000 tons of low-grade uranium. This presentation will discuss the social and environmental implications of mine waste as a result of mine closure.

**Marriette Liefferink**, *CEO*, **Federation for a Sustainable Environment**

12h15 Lunch and networking

## 13h15 An update on legal developments in water resources management

- Understanding the legal effect of the High Court decision in the Goede Wellington case on the issuing of water use licences by the Department of Water Affairs
- Analysing the legality of decisions of the Water Tribunal and how this will affect businesses
- Reviewing the legal requirements of the section 35 verification processes of existing water use
- Exploring the legal challenges of securing additional water capacity in Lesotho for South African benefit and what it means for SA businesses

**Dr. Ernst Basson**, *Director*, **Glyn Marais Inc**

## 14h00 Improving the management of water

- Determining how limited water resources in South Africa can satisfy the needs of all recognised water users (industry, agriculture, domestic, recreation and ecosystems)
- Exploring the use of an integrated water management approach, for both quantity and quality, required to optimally meet the needs of these users
- Exploring a mix of proactive and reactive management practices as a practical means of achieving environmental sustainability
- Analysing the case of the Vaal River Barrage reservoir, located in a heavily industrialised urban environment, which is the product of more than 50 years of successful water management, and today still meets the needs of all its water users

**Professor Hamanth Kasan**, *General Manager: Scientific Services Division*, **Rand Water**; **Vice President**, **African Water Association**

14h45 Mid-afternoon refreshments and networking

## 15h15 An update on legislation regarding air quality

- Looking at global developments in air quality and policy reform and the impact on environmental management
- Reviewing the current status of South Africa's air quality
- Understanding South Africa's climate change and air quality laws: how to adapt in a changing environment
- Creating practical air quality management strategies for your business

**Simon Gear**, *Air Quality & Climate Change Specialist*, **Kijani Green Energy**

16h00 Chairman's closing remarks

16h15 Close of day three

## Day four: 9 March 2012



## Full day post-conference workshop

### Examining the different pieces of environmental legislation and how companies can implement compliance strategies and avoid litigation

Facilitated by **Advocate Mark Andersen**, *Operations Manager*, **LexisNexis**

#### What will be covered

- Identifying the key pieces of environmental legislation and what companies must do to comply
- Exploring the challenges organisations face in complying with environmental regulations
- Looking at the outcomes of South African cases on environmental crimes and what can be learned from them
- Discussing proactive approaches to reducing the possibility of environmental litigation in your organisation

#### Key learning outcomes

- Hear valuable insights on risk mitigation strategies for sustainable environmental management
- Receive the latest updates on the key pieces of legislation and how to avoid litigation
- Understand how to react should environmental litigation problems arise

Registration starts at 08h00. The workshop will run from 08h45 to 16h00 with breaks for refreshments and lunch.

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6, 7, 8 & 9 March 2012  
The Wanderers Club, Illovo, Johannesburg

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Register 2 delegates for all 4 days and the 3<sup>rd</sup> and subsequent delegates attend at a 25% discount

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