



# DIGBY WELLS

## ENVIRONMENTAL

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### 1 Biography

**Sanusha Govender** is a Senior Environmental Consultant at Digby Wells Environmental. She holds a BSc in Environment & Development together with over 12 years of experience as both an, Environmental Impact Assessment Consultant and as a Sustainability Programme Manager. She has project managed and delivered quality products on a range of environmental assessments and sustainability solutions. Projects have included renewable energy EIA's, managing large teams of interdisciplinary specialists and advisors. Her specific skills include rigorous public engagement on controversial infrastructure development, tender adjudication, drafting specialist contracts, fee negotiations, and advice on associated legal parameters.

### 2 Education

BSc - Bachelor of Science (Environment & Development) from the University of KwaZulu-Natal.

### 3 Language Skills

English

### 4 Experience

#### Head: Group Sustainability Manager

#### The role involved:

- Developing and driving the sustainability implementation strategy – goal driven embedded businesses unit planning. Considering sustainability trends, industry best practice and governing principles of the IIRC, King IV, GRI, UN SDG's.
- Responsible for all sustainability reporting, such as United Nations Carbon Compact, FTSE Russell, GRI, and Sustainability Annual Report.
- Develop and implement sustainability communications in accordance with the AA1000 (SES) standard.
- Provide input an advisory guidance on the CSI Projects at development and activation to ensure best socio economic value add.

- Undertaking the materiality evolution process through internal and external stakeholder engagements.
- Driving innovation in key areas together with training of senior management to establish value adds throughout the business.
- Developing policy and guidelines to adhere to legislative requirements and maintain innovative reporting systems for accuracy in sustainability reporting.
- Advising the risk and audit committee on the linkages between risk and sustainability. Approving the sustainable actions of the risk register.
- Managing the content and discussions for the sustainability committee.
- Managing the targets and objectives of the active sustainability projects, as well as research and motivation for developing new projects in line with the overall strategy.
- Ensuring that the data management is accurate and auditable, with particular reference to the GHG carbon inventory.
- Reporting for the UN Global Compact to maintain and promote level of membership.
- Establishing relationships South Africa business partners such as the NBI and alike.

### **Master Service Environmental Programme Manager**

#### **The role involved:**

- Manage the national team of consultant's working on shell projects throughout South Africa.
- Managing the client relationship together with internal and external stakeholders.
- Ensure that the all national contracts within the programme are managed on time and on budget. This was achieved through innovation using project management tools due to the large stakeholder management base.
- Review the quality of project deliverables (Environmental Impact Assessments, Feasibility Assessments, Environmental Management Plans and advisory service documents). My specific strength was to review documents against the relevant legislations, such as IFC regulations, and the suite of National Environmental and infrastructure development legislation among others.
- Develop resources & practical systems to improve the efficiency of the environmental master services agreement.

### **Selection of Environmental Impact Assessment (EIA) and Environmental Management Plan/Programme**

#### **(EMP) Experience:**



- The installation of a cogeneration power plant and methane gas flare at the Beatrix Mine, Free State. Advisory services as well developing an amendment to the existing mine EMP to meet the requirements of the Minerals and Petroleum Resources Development Act.
- San Solar Energy Facility, An EIA for the proposed development of a 75MW commercial solar energy farm on a site.
- Port of Durban Island View Facility EIA and EMP. An EIA Basic Assessment (BA) was undertaken for the proposed upgrading and extension of the existing pipe rack system from berth 2 to berth 10 (bunker berth). A subcontracted specialist undertook a Hazardous Risk Report as part of the EIA.
- Bizana Integrated Energy Centre EIA and EMP. The proposed centre in Redoubt near Bizana in the Eastern Cape has the objective to provide the rural community with a facility to purchase variable energy resources and educate them on how to utilise the energy safely. The centre also included a fuel filling station and stores to purchase common goods. Subcontracted specialists undertook a Traffic Impact Assessment and Geotechnical Assessment as part of the EIA.
- Sani Pass Road (P318) Phase 2 upgrade EIA and EMP. The Sani Pass is located in the Drakensberg/Ukhahlamba World Heritage Park. The intention of the project was to upgrade a 19 km section up to the summit of the Pass by improving the engineering of the road and installing water management systems to reduce and prevent the current environmental impacts while making the Pass more accessible for all road users. The sensitive environment and the Pass being a local and international tourist attraction resulted in the EIA requiring extensive environmental assessment and detailed subcontracted specialist studies, including, visual, social, tourism, economic, avifaunal, aquatic and botanical studies. An extensive public participation process due to the significant public interest in the project was also required. Project scientist and public participation process coordinated.
- DTP uMhloti Wastewater Pipeline Basic Assessment. Installation of a wastewater pipeline to link the new King Shaka Airport and Support Zone to the Municipal uMhloti Wastewater Treatment Plant.
- Durban Point Small Craft Harbour EIA. The proposed project aimed to establish a real waterfront experience for the Point precinct and the city. The development also provides for the connection of the canal system to the Indian Ocean.

### **Selection Integrated Waste Management Plans**

- Provincial Integrated Waste Management Plan for KwaZulu-Natal. The plan serves to guide province in their planning to achieve integration of the local and district municipal solid waste management services and improve waste management and control within the province.



- Mandeni Integrated Waste Management Plan and Associated Strategy. The plan and strategy serves to guide municipal officials in their planning to achieve integration of the local municipal solid waste management services and improve waste management and control within the municipal area. The project also covered the development of draft waste management bylaws, managing the tendering process and implementation of a three year waste service provider contract on behalf of the municipality.

#### **Feasibilities Studies:**

- Legislation overview of the environmental management for the procurement, financing and maintenance of rolling stock for the metro and long distance rail services. The project was commissioned by Passenger Rail Association of South Africa (PRASA) and involved detailing all potential.
- Mbombela Four node Precinct Plan, undertaken for the Mbombela municipality. The project entailed developing an environmental sector plan to input into the Precinct Plan.
- Environmental Gap Analysis for the Madupi Power station, undertaken for Eskom Limited. The Environmental Gap Analysis involved review all documentation and established any additional legislative environmental processes, procedures, licences and permits required for the operation.

#### **Other Skills include:**

- Driving corporate sustainability using innovative thinking and projects to align with the Global Reporting Initiative and the JSE SRI standards among others.
- Facilitate the Sustainability Committee and engage with stakeholders.
- Manage Employment Equity Initiatives.
- Environmental Impact Assessment (EIA) of small, medium and large-scale infrastructure projects.
- Integrated Waste Management Plans/Strategies for Local Municipalities.
- Environmental Waste Contract Auditing.
- Environmental Feasibility Assessments.
- Air Emission licences.
- Water use licences.
- Drafting Municipal Refuse Bylaws.
- Review of EIAs and compiling Records of Decision for environmental authorisations for a variety of projects; such as housing and golf estates, waste water treatment



works, resorts, farm dams, filling stations and cellular telephony base stations and mining facilities.

- Public Consultation Process for large-scale stakeholder projects, including conflict negotiation.