

# ENVIRONMENTAL MANAGEMENT SERVICES



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Subsidiary of  **NAKO**  
Group

# ABOUT ILISO CONSULTING

ILISO Consulting is a proudly African Consulting Engineering and Project Management firm that specialises in engineering, environmental, and project management services. Established in 1995, it has developed an enviable portfolio of award-winning projects in South Africa, Namibia, Uganda and Zambia.

In 2014, ILISO Consulting entered into a long-term partnership with Lategan Bouwer Engineers and Triocon Consulting Engineers to form the NAKO Group, the first African-owned, multi-disciplinary consulting engineering group.

With a clear vision, a commitment to living its values and above all, its outstanding people, the reputation associated with the ILISO Consulting name, is that of integrity, innovation, quality and service excellence.

ILISO Consulting's core purpose and mission is to provide a full range of high-quality, innovative, appropriate, cost effective and sustainable engineering solutions, that satisfy its clients' requirements, as well as the communities it serves.

## ILISO CONSULTING ENVIRONMENTAL MANAGEMENT

The ILISO Consulting Environmental Management Subsidiary focuses on three core competencies: Environmental Management, Water Use Licensing and Water Resource Management.

With experience in the application of all environment-related legislation, including - the National Environmental Management Acts, National Water Act, and the Minerals and Petroleum Resources Development Act - ILISO Consulting's Environmental Management has all the core competencies to facilitate even the most challenging projects to successful completion.

## PROJECT PORTFOLIO

### ENVIRONMENTAL MANAGEMENT

#### **The Kobong Pumped Storage Scheme**

ILISO Consulting in association with Sechaba Consultants (Lesotho), successfully completed a project for the Lesotho Highlands Water Commission. When a 1200MW pumped storage scheme was proposed for the Katse Dam Reservoir in northern Lesotho, ILISO Consulting undertook an Environmental Impact Assessment (EIA) to identify and assess key environmental impacts, as well as incorporate public feedback into the project proposal with key recommendations.

**Client: Lesotho Highlands Water Commission - Lesotho**

#### **Chobe/Zambezi Water Transfer**

ILISO Consulting Environmental Management in partnership with Water Resource Consultants (Botswana) has been an integral part of the Chobe/Zambezi Water Transfer Scheme since 2009, successfully completing an environmental impact assessment, as well as pre-feasibility and feasibility studies on the R12 billion project. The Water Transfer Scheme will be used to meet agricultural, industrial and urban demands for water in Pandamatenga and Francistown, as well as the Selebi-Phikwe Mines in Botswana.

**Client: Ministry of Water Affairs - Botswana**

# PROJECT PORTFOLIO

## ENVIRONMENTAL MANAGEMENT

### **Eskom Minimum Emission Standards**

ILISO Consulting Environmental Management was appointed as the lead consultant, with Umoya-Nilu and SES Solutions as sub-consultants, to support the compilation of an application for an extension of the Minimum Emission Standards compliance time-frames for Eskom Power Stations. This was applied for in terms of relevant sections of the Air Quality Act. The project included the Atmospheric Impact Reports, a Public Participation Process, a Water Resources Assessment and Cost Assessment.

**Client: Eskom Holdings – South Africa**

### **Gauteng Integrated Transportation Master Plan**

ILISO Consulting Environmental Management was appointed to the Gauteng Department of Roads and Transport's (GDRT) 2037 Consortium in 2012. It developed the environmental framework as part of an Integrated Transportation Master Plan, which provides a planning framework to assist government in delivering upgraded transport systems to Gauteng until 2037.

**Client: Gauteng Department of Roads and Transport – South Africa**

## WATER USE LICENSING

### **SASOL Integrated Water Use License Application**

ILISO Consulting Environmental Management was appointed to review and update the petrochemical giant's Integrated Water Use License (IWUL) to submit to the Department of Water and Sanitation for two sites in Free State Province. The project entailed the compilation of the IWULA supporting technical report, high-level water quality assessments, environmental risk assessment, public participation process and liaison with relevant authorities.

**Client: Sasol Chemical Industries – South Africa**

### **City of Tshwane Flood Management**

ILISO Consulting Environmental Management, as lead consultant, with SRK Consulting and AECOM as sub-consultants, assisted the City of Tshwane with flood, environmental and dam safety management assessments. This included the development of flood management plans, flood-line studies and identifying potential flood hazards.

**Client: City of Tshwane – South Africa**

### **Kusile Power Station**

ILISO Consulting Environmental Management was appointed as sub-consultant to the Sebata Group to prepare Environmental Applications in terms of relevant environmental legislation. Kusile is a coal-fired power station under construction in Mpumalanga. ILISO Consulting prepared the Rectification Applications to legalise activities at the site. Other applications include Environmental Authorisation for construction within rivers and wetlands, including a Wetland Management Plan. ILISO also prepared an integrated Waste Management Licence for the Kusile 10-year ash/gypsum facility and related infrastructure.

**Client: Eskom Holdings – South Africa**

### **Sun International Sun City Complex**

ILISO Consulting Environmental Management was appointed to prepare an application for an Integrated Water Use License (IWUL) for the entertainment complex and resort in 2009. Related projects included the application for an Integrated Waste Management License, the analysis and classification of sewage treatment sludge, as well as quarterly operational and compliance audits of the Wastewater Treatment Plan.

**Client: Sun City**



# PROJECT PORTFOLIO

## WATER USE LICENSING

### Leeuwkop Platinum Mine

ILISO Consulting Environmental Management played a key role in assisting SLR Consulting in securing environmental authorisations for the platinum mine in the North West Province. With a change in Leeuwkop's mining methods and an extension of mining rights, the mine had to amend their approved Environmental Management Programme. ILISO Consulting was appointed to conduct the Public Participation Process for the process and to update the existing Water Use License.

**Client:** SLR Consulting Africa – South Africa

## WATER RESOURCES MANAGEMENT

### Hartebeespoort Waste Discharge/Charge System

ILISO Consulting Environmental Management assisted the Department of Water and Sanitation in 2013, in developing a remediation programme for the Hartebeespoort Dam. ILISO was instrumental in developing a water management system, specifically a new waste discharge/charge system. The system creates a resource pool, which gives municipalities incentives to reduce the amount of pollution and improve water quality.

**Client:** Department of Water and Sanitation – South Africa

### Olifants River Reconciliation Study

ILISO Consulting Environmental Management was an integral part of the Water Use Reconciliation Study for the Olifants River Catchment, commissioned by the Department of Water and Sanitation in 2012. The study was used to develop a strategy to reconcile conflicting water demands in the important ecosystem along the river as it flowed through the Kruger National Park towards Mozambique. ILISO Consulting conducted the water quality study and environmental screening for proposed new developments.

**Client:** Department of Water and Sanitation – South Africa

### Vaal River System – Eradicating Illegal Water Use

ILISO Consulting Environmental Management provided the project management and field personnel required to assist the Department of Water and Sanitation in reducing water demand and eradicating the illegal use of water for irrigation in the Vaal River System. ILISO Consulting was appointed in association with Schoeman and Partners to identify illegal water use for irrigation and assist government in the legal processes to put an end to illegal irrigation.

**Client:** Department of Water and Sanitation - South Africa

## CONTACT US

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