



# CES EXPERTISE IN SOCIAL HEALTH AND RESETTLEMENT PROJECTS

Since our establishment in 1990 we have grown into one of the largest specialist environmental and social consulting companies in southern Africa, with well-qualified and experienced staff with skills in the environmental and social sciences. Our belief in the necessity of achieving a balance between development and environmental protection ensures that a strong emphasis on social development is incorporated into every project we undertake.

## **CES IS AN ENVIRONMENTAL & SOCIAL CONSULTANCY BASED IN SOUTH AFRICA**

CES has undertaken several socio-economic baseline surveys, as part of social impact assessments and resettlement plans. This included a survey of over 11,000 households for the Lesotho Highlands Development Authority.

We have more than 30 years of experience in conducting large social and economic baseline surveys (SEBS), social impact assessments (SIAs) and resettlement action plans (RAPs), most of which have been integral components of environmental, social and health impact assessments (ESHAs). We have successfully managed numerous large and complex social assessments for international clients in African countries including Cameroon, Democratic Republic of Congo, Egypt, Kenya, Liberia, Madagascar, Malawi, Mozambique, Namibia, Sierra Leone, South Africa, Swaziland (Eswatini) and Zambia. Most of these assessments have been conducted to international standards such as those published by the International Finance Corporation and the African Development Bank.

We also have experience in developing social and labour plans (SLPs) for the South African mining industry, and have undertaken scoping-level health impact assessments (HIAs) and livelihood restoration plans (LRPs). In some cases, we have assisted clients with the implementation of RAPs and associated programmes.



We execute our socio-economic baseline surveys using Android tablets, with questionnaires completed digitally and uploaded to the cloud daily. This allows for live reporting and quality control. The software allows for the capture of photographic data and spatial data. The methodology relieves fieldworkers from the time-consuming and error-prone process of manually capturing data after conducting the surveys. Data is entered on the tablet and downloaded daily directly into a statistical database such as MS Access.

Our clients include major international mining, biofuel, renewable energy and agro-industrial companies, as well as international financial institutions such as the German Development Bank (DEG), the IFC and Standard Bank of South Africa.

For more information see [www.cesnet.co.za](http://www.cesnet.co.za)



## SUMMARY OF RECENT PROJECTS

### Social Impact Assessments

- ✓ Samshi Afrika Ltd Steel Mill and Power Plant, to IFC Standards (Sierra Leone)
- ✓ Waaihoek Wind Energy Facility for Mainstream Renewable Power South Africa (South Africa)
- ✓ Kamiesberg Heavy Mineral Mining Project for Zirco Roode Heuwel (Pty) Ltd. (South Africa)
- ✓ Bisie Tin Mining Project for Mining Processing Congo (MPC) SPRL & Alphamin Resources Corp., to IFC Standards (DRC)
- ✓ EcoFarm Mozambique Lda's Irrigation and Organic Sugarcane Project, to IFC Standards Mozambique)
- ✓ Balama Graphite Mine for Syrah Resources Ltd. and Twigg Exploration & Mining Lda., to IFC Standards (Mozambique)
- ✓ Triton Minerals Nicanda Hill Graphite Project (Mozambique)
- ✓ Triton Minerals Ancuabe Project (Mozambique)
- ✓ SMEC W6 Road expansion project (South Africa)
- ✓ ACSA Swartklip Urban Development Framework (South Africa)
- ✓ Atlantic Energy Soyuz 1-6 wind energy facilities, to IFC Standards (South Africa)
- ✓ Kenmare Nataka Tailings Storage Facility and Relocation Channel, to IFC Standards (Mozambique)
- ✓ Kenmare Nataka Mine, to IFC Standards (Mozambique)



## Social and economic baseline surveys

- ✓ Survey of over 11,000 households was completed for the Lesotho Highlands Water Project (LHWP) for the Lesotho Highlands Water Authority (LHWA) (Lesotho)
- ✓ Socio-Economic Census and Landholding Assessments as part of a broader RAP for Royal Haskoning DHV (Mozambique)
- ✓ Bisie Tin Mining Project for Mining Processing Congo (MPC) SPRL & Alphamin Resources Corp., to IFC Standards (DRC)

## Resettlement Action Plans

- ✓ EcoFarm Mozambique Lda's Irrigation and Organic Sugarcane Project, to IFC Standards (Mozambique)
- ✓ Lúrio Green Resources SA Pty Ltd. for a large-scale plantation project in Mozambique. This also included developing a Global Resettlement Framework to IFC Standards
- ✓ Balama Graphite Mine for Syrah Resources Ltd. and Twigg Exploration & Mining Lda., including the implementation of the RAP to IFC Standards
- ✓ Development and implementation of a RAP for Impacto Limitada in the Mocuba District of the Zambezia Province of Mozambique to IFC Standards;
- ✓ Development and implementation of a RAP for Crookes Brothers Pty Ltd. in the Zambezi Province of Mozambique to IFC Standards
- ✓ Tete Iron Ore Project for Baobab Resources (Mozambique)
- ✓ Triton Minerals Nicanda Hill Graphite Project (Mozambique)
- ✓ Kenmare's Pilivili Mine Expansion project and separate RAP for the dedicated haul road, Nampula Province, Mozambique
- ✓ Resettlement plans for Kenmare's Nataka Expansion project and a separate RP for the tailings storage facility (Mozambique)
- ✓ Triton Ancuabe Mine RAP (Mozambique)
- ✓ Capitol Resources Tete iron ore, steel and vanadium project (updated existing RAP to IFC

and African Development Bank Standards (Mozambique)

- ✓ Nkhotakota Solar Phase II Livelihood Restoration Plan, to IFC Standards (Malawi)
- ✓ Balaka Solar Livelihood Restoration Plan, to IFC Standards (Malawi)

## Scoping level Health Impact Assessment

- ✓ Triton Minerals Nicanda Hill Graphite Project (Mozambique)
- ✓ Triton Minerals Ancuabe Project (Mozambique)
- ✓ Bisie Tin Mining Project for Mining Processing Congo (MPC) SPRL & Alphamin Resources Corp., to IFC Standards (DRC)
- ✓ Kenmare Nataka Tailings Storage Facility and Relocation Channel, to IFC Standards (Mozambique)
- ✓ Kenmare Nataka Mine, to IFC Standards (Mozambique)

## Other social studies

- ✓ Social Labour Plan completed for the Kamiesberg Heavy Mineral Mining Project for Zirco Roode Heuwel (Pty) Ltd., in South Africa
- ✓ Due Diligence of the Draft RAP for the Capitol Resources Iron Ore Project (Mozambique)LHDA Socio-economic and Epidemiology Impact Survey Upstream of the LHWP Phase I Dams (Lesotho)

