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South African Institute of
Architectural Technologists



International Association
for Impact Assessment



Environmental Assessment
Practitioners of South Africa



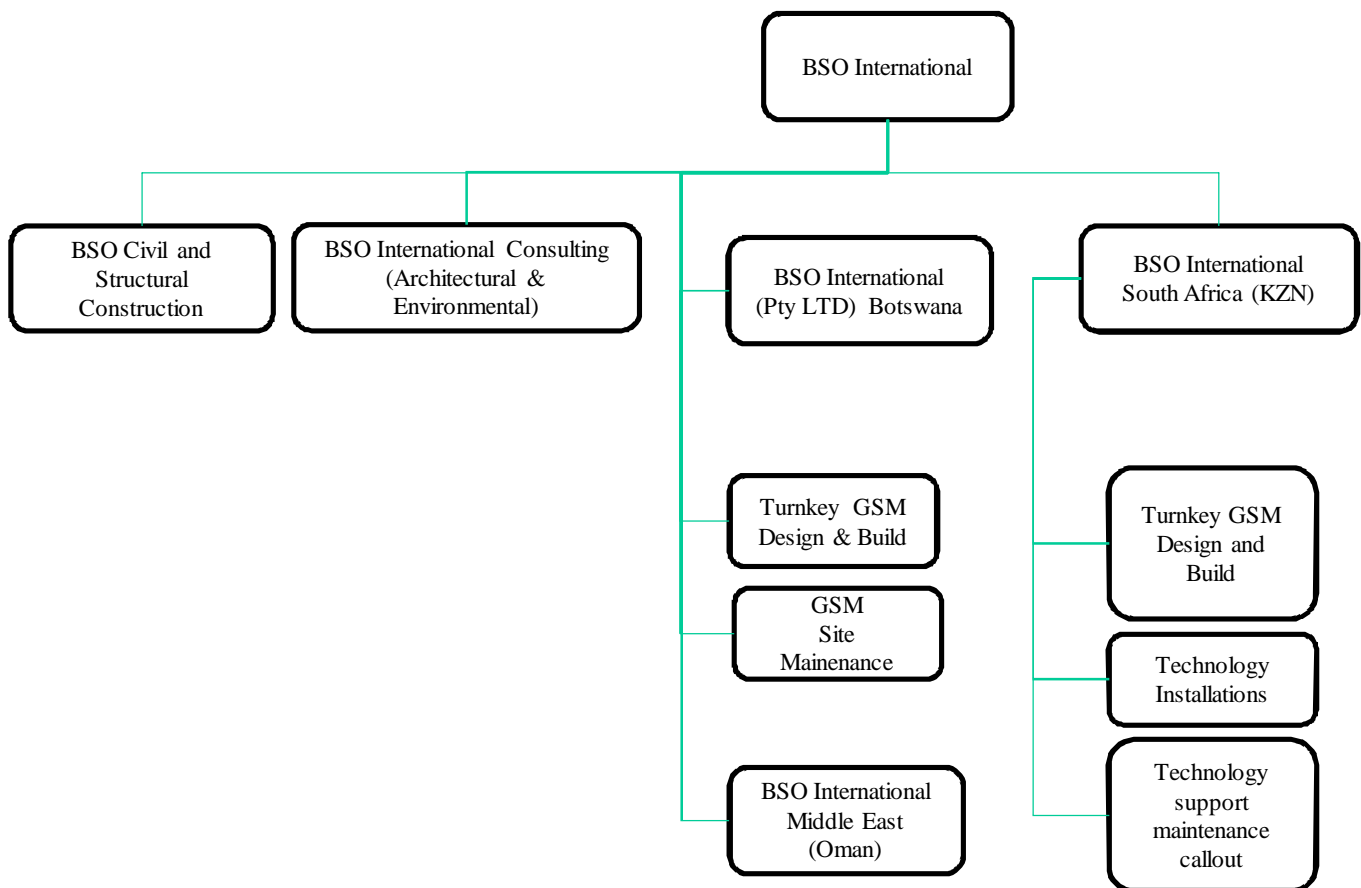
South African Planning Institute





BSO INTERNATIONAL

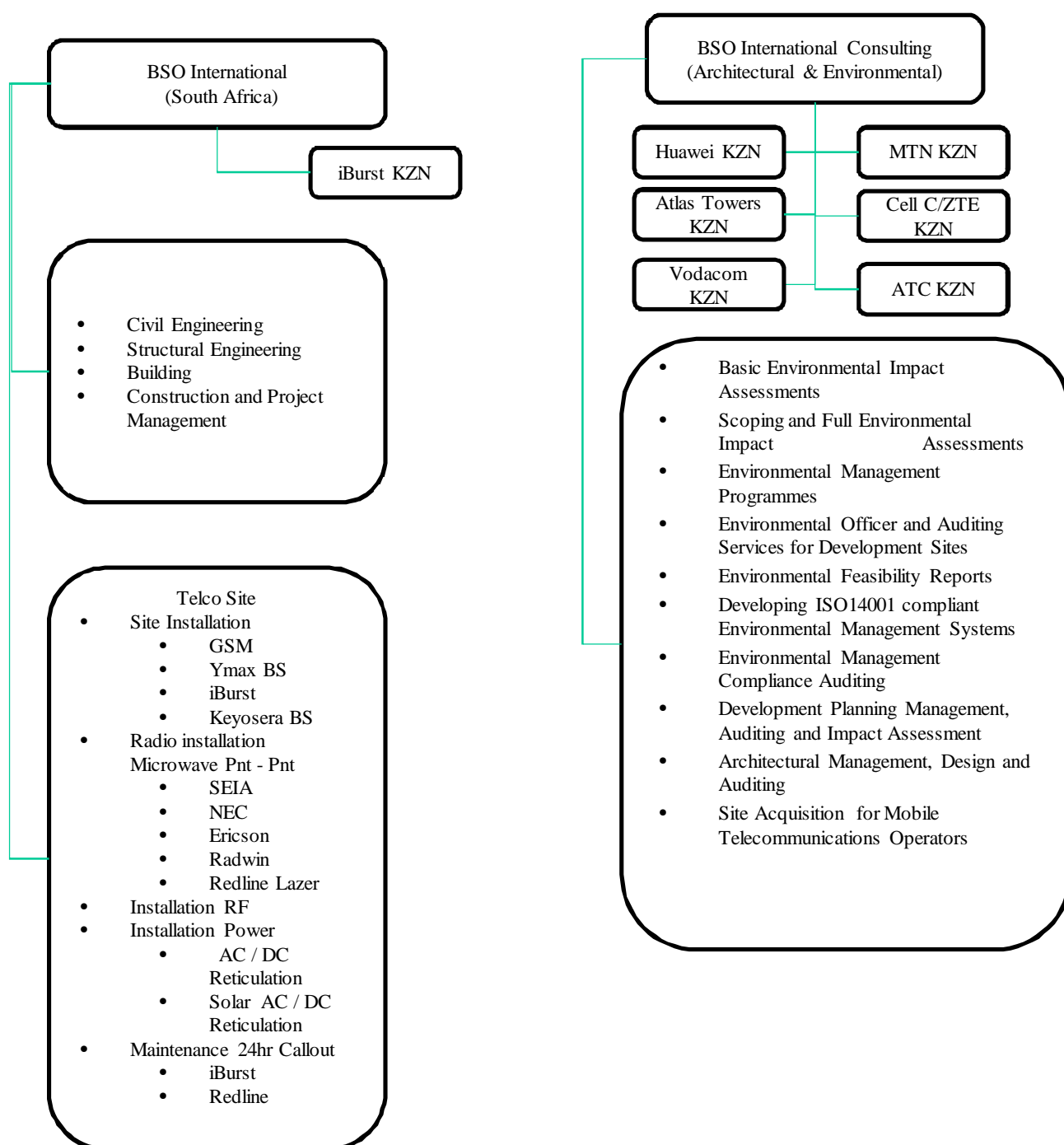
BSO International *(Current Business Focus and Structure)*





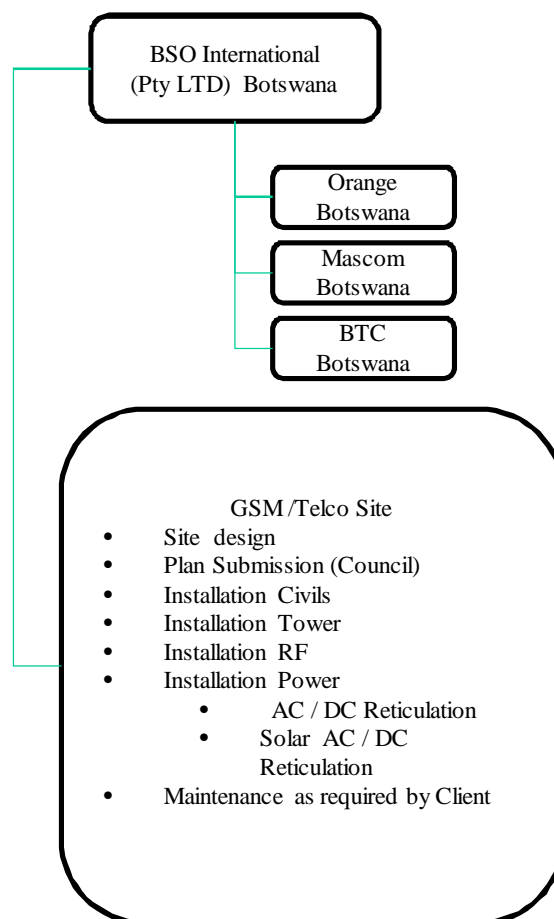
BSO INTERNATIONAL

BSO International *(Current function per division)*





BSO INTERNATIONAL








The focus of BSO International is to provide service guaranteed solutions adhering to ISO9001 and ISO14001 compliance and Sustainable Development Principles and Practices, whilst still providing the client with single point accountability



The BSO team prides itself in offering a real value service with full emphasis on understanding and delivering on our client's requirements and needs both for the present and the future, without compromise in an African sustainable development business environment









The BSO team is an experienced multi-skilled group, whose skill set covers the broad spectrum of Project , Construction and Environmental Management and Engineering Consulting Services

	PROFESSIONAL SERVICE
PROJECT MANAGEMENT <ul style="list-style-type: none"> • Project Initiation and Charter • Project Planning and Resourcing • Project Implementation and Execution • Project Monitoring, Control and Corrective Action • Project Closure and Archive 	
CONSTRUCTION <ul style="list-style-type: none"> • Design and Design Coordination • Construction Management • Contract Creation, Release and Management • Quality Monitoring and Control • Work Package Handover • Project Handover 	
ENVIRONMENTAL <ul style="list-style-type: none"> • Basic Environmental Impact Assessments • Scoping and Full Environmental Impact Assessments • Environmental Management Programmes • Environmental Officer and Auditing Services for Development Sites • Environmental Feasibility Reports • Developing ISO14001 compliant Environmental Management Systems • Environmental Management Compliance Auditing 	
CIVIL ENGINEERING <ul style="list-style-type: none"> • Design and Construction • Contract Management • Contract Structuring • Quality Control • Project Handover 	



The BSO team 's areas of expertise encompass all facets of Engineering and Development

	PROFESSIONAL EXPERTISE
Telecommunication Services both Wireless and Fixed Line	
Infrastructure Development, Roads, Stormwater, Sewage and Water Reticulation	
Industrial, Commercial and Residential Developments	
Environmental Management and Consulting	
Project and Construction Management	
Petrol/Diesel Distribution Stations	



The BSO Environmental team 's business accomplishments pertaining to Mobile Telecommunications EIA & AIA





















Company	Project	Environmental Impact Assessments	Heritage Impact Assessments	Public Meetings
Mobile Telephone Networks PTY Ltd South Africa (MTN)	2G & 3G GSM South Africa	245	121	61
MWEB South Africa	WIMAX South Africa	5	-	1
Multichoice South Africa	Mobile DSTV South Africa	8	-	2
Cell C PTY Ltd South Africa (Cell C)	2G & 3G GSM South Africa	103	85	45
AMERICAN TOWERS (SA) ATC	GSM TOWERS	8	5	-
ATLAS TOWERS (SA)	GSM TOWERS	4	-	-





The BSO team is also an experienced multi-skilled group, that covers the broad spectrum of Telecommunications including mobile radio and fixed line.

TURNKEY CAPABILITY AS PER MEMBERS & RESOURCES

	Microwave / RF / Fixed line / CCTV Security	Site Acquisition design	Civils / Piling for Greenfield Sites	Equipment Shelter	Commissioning & Optimisation	Building of Roof Top Sites	Telecoms Operator Turnkey Facilities Management, Scheduled and Emergency Site Maintenance Call Outs
Network / Site Design							
Procurement Manufacture Implementation							
Maintenance							

■ ***BSO International –***

- *Commenced trading on in August 2002 .*
- *Our focus is to deliver a value added service within the Technology / Telecommunication environment , developing a trust based relationship with our customers our suppliers and peers.*
- *Supplying a technical support service and Turnkey Solution,*
- *Seeing the opportunities from a global perspective*
- *Being the best.*

SITES COMPLETED BY BSO MEMBERS AS PER WORK TYPE

Countries	Site Design	Site Acquisition & Design	Technical Installations (eg. MW, CPE, WIMAX, PMP, etc.)	Turnkey Construction
South Africa <i>(MTN)</i>	-	562	55	2
South Africa <i>(Cell C)</i>	-	405	-	35
Botswana <i>(Orange)</i>	-	299	139	305
South Africa <i>(Huawei)</i>		232		
Mozambique <i>(mCel)</i>	-	-	-	23
Eritrea <i>(New Operator)</i>	8	8	-	8
Middle East <i>(New Network)</i>	106	42	-	42
South Africa <i>(iBurst)</i>	-	183	175	15
Namibia <i>(MTC)</i>	5	-	-	-
South Africa <i>(MWEB)</i>	-	103	-	-
South Africa <i>(Multichoice)</i>	-	11	-	-
South Africa <i>(Tellumat -Neotel)</i>	-	-	35	-
South Africa <i>(Regrow-MTN/Neotel)</i>	-	-	95	-
South Africa Tellumat/Huawei	45		45	45
South Africa ATC		155		4
South Africa ATLAS TOWERS		46		

SHELTER MANUFACTURING & SITE INSTALLATION



TOWER SUPPLY, SITE DESIGN & INSTALLATION



SOLAR DESIGN & INSTALLATION



SOLAR DESIGN & INSTALLATION



CIVIL ENGINEERING & CONSTRUCTION



CIVIL ENGINEERING & CONSTRUCTION



CIVIL ENGINEERING & CONSTRUCTION



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