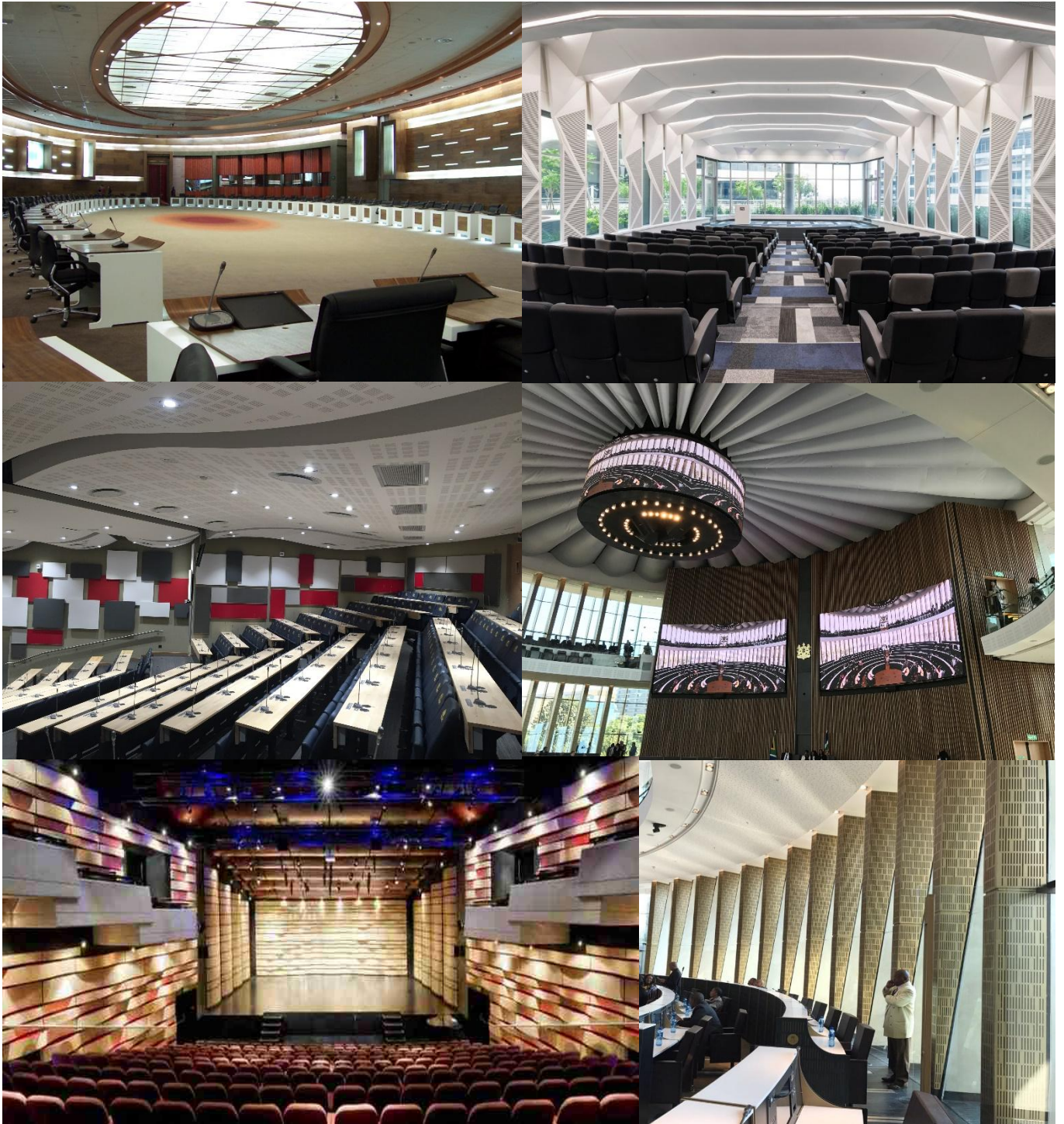


# L I N S P A C E

ACOUSTICS • AV • SPACE ENABLING

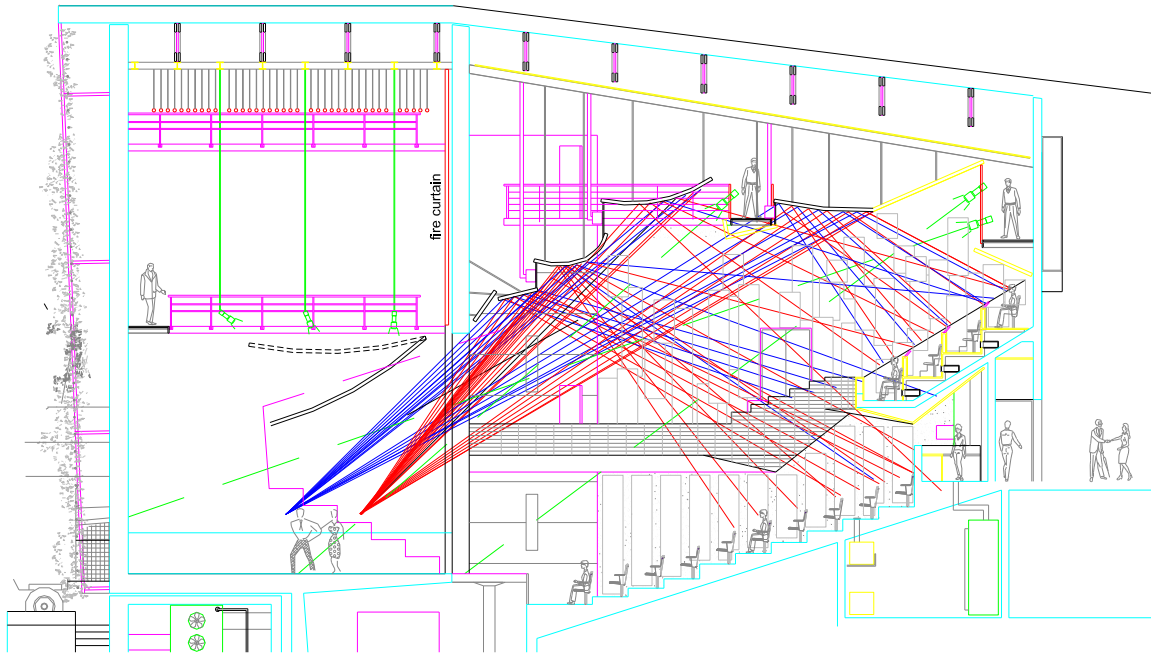
141 Boundary Lane Sandhurst  
Sandton Gauteng South Africa 2196  
PO Box 411145 Craighall 2024  
Tel +27 (0) 82 455 6141  
Admin eMail: [office@linspace.com](mailto:office@linspace.com)  
Web: [www.linspace.com](http://www.linspace.com)



Feb 2026



# 1. INTRODUCTION



## 1.1. Credentials of LINSPLACE Engineers

### **LINSPLACE - Previously Known as Pro Acoustic Consulting Engineers (PACE)**

34 years of proven consulting track record with the largest client base in Africa.

### **LINSPLACE engineers have been entrusted with major and iconic projects**

Fully glazed Johannesburg Council Chamber, United Nations Offices Nairobi campus, SASOL, SA Reserve Bank, DSTV, Bowman glass auditorium, Soweto Theatre, Standard Bank, ABSA, Nedbank, FNB, Vodacom, MTN, Facebook JHB, Google (JHB, Accra & Lagos), Microsoft (JHB & Nairobi), Old Mutual Sandton, BMW, etc. etc.

### **LINSPLACE engineers are SPACE ENABLERS**

The principal engineer Ivan Lin has been actively promoting “User Experience Driven Engineering” or “User Experience Driven Architecture” for the last 16 years.

### **LINSPLACE engineers understand space performance issues**

Linspace engineers are active researchers in the relationship between occupant work performance and environmental designs approaches.

### **LINSPLACE enables “Form” to function, beautifully**

We design and make beautiful “Forms” work acoustically

### **LINSPLACE engineers challenge the Norm**

LINSPLACE engineers believe that even if Norm is OK, it does not mean Norm is acceptable. If any improvement in the space performance/cost ratio is possible, the Norm must be challenged.

### **LINSPLACE engineers set standards**

LINSPLACE engineers assisted in drafting the following:

Acoustic Standards for Belmond Hotels Group

Acoustic Standards for Lux Hotels and Resorts

Acoustic Standards for Department of Higher Education Student Residences

GBCSA Office Tool V1 IEQ12 Acoustic credits and GBCSA Retail Tool V1 Noise rating tool

GBCSA Office Tool V2 IEQ12 Acoustic Credits

GBCSA Interior Tool Pilot Acoustic Quality credits,

GBCSA Existing Building Performance Pilot Acoustic Quality Credits

**LINSPACE engineers set records (possibly!)**

Possibly world first deployment of large-scale multi-media interface for Parliamentary Delegate System (Cape Town Parliament chamber 2003)

Ivan Lin invented Intelligent Adaptive Multi-zone Sound Masking System (IAMSA). More than 200,000 sqm of successful deployment to date in SA.

Ivan Lin has been involved in the design of more than 10 parliamentary environments in SA and internationally, possibly the most in the world.

LINSPACE engineers have been entrusted by the largest commercial building industry client base in SA.

Please visit [www.linspace.com](http://www.linspace.com) or see the list of past projects below.

### 1.1.1 Architectural Acoustics

**Architectural Acoustics – Function and Purpose Driven Approach**

Auditoriums, Theatres, Education spaces, Parliamentary / Council Chambers, Commercial Offices, Health Care Buildings, Convention Centres, Entertainment Venues / Cinemas, Museums, Broadcast and Music Studios, Airport and Train Terminals, Places of Worship, Data Centre noise mitigation designs.

LINSPACE has been assisting international commercial cooperations regarding their office projects in various countries, these include Mastercard Foundation Offices in 7 countries, Barclays, ABSA, Nedbank, Standard Bank, Vodacom, MTN, Microsoft, Google, Facebook, Old Mutual, SASOL, Multichoice...etc.

LINSPACE has also been involve in international public sector institutional projects such as United Nations Nairobi Campus, various Governmental and legislative chambers and offices in Tanzania, Kenya, Zambia, Ghana, Botswana, eSwatini, South Africa and Mozambique.

**Hospitality Sector:**

The Principal Engineer Ivan Lin has been assisting on Hospitality Projects internationally since 1992. In recent years, Ivan has also been engaged directly by development or tenant clients to ensure the design professionals adhering to the prescribed acoustics performance and user experience criteria in commercial, public and hospitality sectors. For the Hospital Sector, Ivan have been assisting with acoustic design, acoustic brand standard compliance and rationalisation. Hotel brands assisted include Belmond Hotels, Hilton Hotels & Resorts brands, Radisson Hotel brands, Accor Hotel brands, Lux\* Resorts & Hotels, One&Only...etc.

LINSPACE has been selected as a Preferred Acoustic Consultant by a number of hotel brands. Belmond Luxury Hotels, one of the most premium hospitality operators internationally, selected

LINSPACE from a panel of international acoustic consultants to author their Development Brand Acoustic Standard in 2025.

### **Sustainable and Green Building Acoustics**

LINSPACE have been involved in a large number of sustainable and green building projects and have been assisting GBCSA in various acoustic credit developments since their inception.

## 1.1.2 Audio-Visual Engineering for public sector and large commercial sectors

In depth experience of system design and long consultancy experience for Governmental, Parliamentary, legislative, large corporate and financial bodies. Projects include Johannesburg City Council Chamber, Cape Town City Council Chamber, Eswatini International Convention Centre, South African Parliament Chambers Cape Town; United Nation Offices Nairobi; Mpumalanga Provincial legislature, Tanzanian Parliament...etc.

## 2. COMPANY DETAILS

### 2.1. History

#### **Pro Acoustic Devices C.C. 1992-**

Pro Acoustic Devices CC (PAD) was established in 1992 with a primary focus of development and research of architectural acoustic conditioning products, mainly for the broadcasting and music industry in South Africa.

#### **Pro Acoustic Consortium (Pty) Ltd 1999-**

During 1999, due to the increasing awareness of work space functional quality in the commercial building sector and growing requests received for consulting services, the principal engineers of PAD realised that a product independent architectural acoustic consulting services was required. PAD was then closed and the pure consulting services Pro Acoustic Consortium was born.

#### **Renaming: Pro Acoustic Consulting Engineers (Pty) Ltd 2011-**

During 2011, the directors felt that the word "Consortium" was not appropriate. Pro Acoustic Consortium was then renamed to Pro Acoustic Consulting Engineers.

#### **Pro Acoustic - Evolved: LINSPACE (Pty) Ltd 2015 -**

Pro Acoustic restructured into two separate companies. Ivan Lin starts a new consultancy LINSPACE in March 2015. LINSPACE is a professional consultancy offering a User Experience Driven Design approach in Acoustics and AV technologies for Architecture and Interior Spaces.

### 2.2. Registration with professional and associated bodies

- Member of the Green Building Council
- Engineering Council of South Africa (ECSA)
- South African Institute of Electrical Engineers (SAIEE)
- South African Acoustic Institute (SAAI)
- Audio Engineering Society (AES) (International) (individual registration)

## 2.3. Key technical staff

### Ivan Lin Pr.Eng. – Principal Engineer

Nationality: South African  
Qualifications: BSc (Eng) Elec (Wits), Pr.Eng (ECSA)  
Membership: Engineering Council of South Africa (ECSA)  
South African Institute of Electrical Engineers (SAIEE)  
South African Institute of Acoustics, Senior member (SAAI)  
Audio Engineering Society (International) (AES)  
Position: Director / Acoustic and Electro-Acoustic Engineer  
Specialities: Radio, Television and Music Studios, Auditorium and Theatres,  
Corporate offices, Conference facilities, Worship Spaces, Hospitality  
and Leisure Sector Projects, Environmental Acoustics, Electro-  
Acoustics

### Ian Gordon

Nationality: South African  
Qualification: BSc Eng (Aeronautics) (Wits)  
Position: Project Engineer  
Membership: South African Institute of Acoustics  
Engineering Council of South Africa (ECSA)

### Anton van Wyk

Nationality: South African  
Previous positions: Omega Digital project division manager  
Wild&Marr Technical Director  
Current Position: Associated Audio-Visual System Consultant

## 2.4. CONTACT DETAILS

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Telephone number: +27 82 445 6141  
Email address: [ivanlin@linspace.com](mailto:ivanlin@linspace.com)  
Postal Address: PO Box 411145  
Craighall 2024  
Johannesburg South Africa  
Street Address: 141 Boundary Lane  
Sandhurst  
Sandton 2196  
Johannesburg South Africa

## 2.5. CURRENT AND PAST PROJECTS

### Auditoriums and Education Spaces

ABSA Towers North AGORA  
Aga Khan School Tanzania  
American International School Dakar  
American International School Johannesburg:  
Theatre & Arts Court

### Public Sector Projects

Cape Town Unicity Council Chamber, Cape Town Civic  
Centre  
Ehlanzeni Council Chamber  
EU Offices Zambia  
Free State Legislature Chamber

Bank of Botswana  
 Bank of Ghana  
 BAOBAB School Lusaka Zambia  
 Botswana School of the Performing Arts  
 Bowman & Gilfillan new auditorium  
 BUSKAID Music School  
 Cell C Auditorium  
 Conewall Hill College  
 Department of Higher Education Standards  
 Dainfern College  
 Dimension Data Campus Development  
 Discovery Health Building, Sandton  
 Drakensburg Boys' Choir Auditorium  
 Ekurhuleni West TVET College Auditorium  
 Ekurhuleni East TVET College Auditorium  
 Eskom Simmerpan  
 GIBS Lecture Theatres upgrade  
 Green School South Africa  
 Heronbridge College, Johannesburg  
 International School Uganda  
 International School Dakar  
 International School Tanzania  
 Jafza VVIP Auditorium, Dubai  
 JSE Building, Sandton  
 KPMG Campus: Phase 1  
 Lebone School Hall  
 Mapulaneng Hospital auditorium  
 Midstream College auditorium  
 Mmamethlake Hospital auditorium  
 National Research Foundation  
 National Olympic Committee South Africa (NOCSA)  
 Nedbank, Menlyn Maine, Pretoria  
 Nedcor North Sandton  
 Newtown Market Theatres  
 Northwest Provincial Legislature Chamber  
 OHR Somayach Synagogue  
 Pretoria Boy's Auditorium – Phase 1 and 2  
 RAU Art Centre  
 Redhill School: Music Centre  
 Redhill Scholl new Auditorium  
 Sedibeng College  
 Sol Plaatje University – All Campuses  
 St Alban's College, Music School  
 St David's Chapel  
 St Dunstan Scholl Auditorium  
 St Mary's The Edge Performing Arts Complex  
 St Peter's Primary School, Johannesburg  
 St Vincent's School Hall  
 Steinhoff Properties Auditorium  
 Steyn City: School Hall Phase 2  
 Telesure Auditorium  
 Thabo Mbeki Presidential Library  
 UNISA Florida Library

Johannesburg New City Council Chamber  
 Maluti-a-Phofung Council Chamber  
 Mpumalanga Provincial Legislature  
 National Council of Provinces (NCOP)  
 South African Parliament Chamber  
 Tanzanian Parliament  
 Tanzania Government House  
 Tanzania Communication Regulatory Authority  
 United Nations Office at Nairobi (UNON) Kenya

### **Office and Health Care Buildings**

102 Rivonia Road (Ernst & Young)  
 11 Diagonal Street (ex JSE)  
 129 Rivonia Road: MMI and ENS  
 ABSA Capital Illovo offices  
 ABSA Ridgeside Durban  
 ABSA Towers West  
 ABSA Project X  
 ACSA AWPO building  
 ACSA Business Gate  
 African Medical Centre of Excellence, Abuja Nigeria  
 Allen & Overy Sandton  
 Ampath Laboratories, Centurion  
 Anglo American New Head Offices 144 Oxford Rosebank  
 Anglo American New Oxford Parks- Ikhusasa Offices  
 Anglo American 44 Main Street  
 Anglo American 55 Marshall Street  
 Anglogold  
 ATNS (Air Traffic & Navigation Services) Ltd.  
 Arthur Andersen offices  
 Bank of Botswana  
 Bank of Ghana  
 Bankserv / PayInc Africa  
 Barclays Bank South Africa  
 BHP Billiton – 6 Hollard Street  
 B.P. South Africa Head Office  
 Blue IQ Innovation Hub  
 Bowman Gilfillan  
 British High Commission  
 Business Connexion  
 BMW Head Office Midrand  
 BMW Warehouse Extension Midrand  
 Centurion Square  
 Citibank Sandton  
 Covington Offices Johannesburg  
 CSIR offices  
 Debswana BDVC Facility & Technical Facility  
 DELL Head Office Waterfall Midrand  
 Department of Education, South Africa  
 Department of International Relations and Cooperation,  
 New Head Office  
 Department of Rural Development and Land Reform  
 Department of Science and Technology

UNISA Samuel Pauw Library  
 University of Mpumalanga  
 University of Cape Town HQ Pearson building  
 University of Pretoria: 2012 Lecture Venues  
 University of Pretoria: Engineering III Faculty  
 University of Pretoria: AE du Toit Extension  
 University of Pretoria: AE du Toit Refurbishment  
 University of Pretoria : Groenkloof Campus  
 University of Pretoria: Javett Arts Centre  
 University of Pretoria: Law Faculty buildings  
 University of Pretoria: Engineering III Department  
 University of Pretoria: Study Centre  
 University of Pretoria: IT Atrium  
 University of Pretoria: Engineering IV  
 University of Witwatersrand: Pro Development Building  
 University of Witwatersrand: John Moffat Hall  
 University of Witwatersrand: Music School Auditorium  
 University of Witwatersrand: Film School Cinema  
 University of Witwatersrand: Health Sciences  
 University of Witwatersrand: Smart Classrooms  
 University of Mpumalanga – all campuses  
 University of Mpumalanga Great Hall

#### **Convention Centres**

Botswana Gaborone International Convention Centre  
 Bredell Conference Centre and Theatre  
 International Convention Centre, Swaziland  
 Jafza, Dubai  
 Madinat Jumeirah, Dubai  
 Sandton Convention Centre  
 Two Rivers Convention Centre

#### **Entertainment Venues / Cinemas / Public Spaces**

Country Club Johannesburg Pavillion  
 DSTV Cinema  
 Barnyard Theatre Pretoria  
 British Airways Airport Lounge  
 Boardwalk Casino, Conference Centre and Hotel  
 Bulwer & New Osizweni Arts Centre  
 Emperors Palace Cinemas  
 Golden Gate Dino Park  
 Germiston Theatre  
 Hyde Park Events Venue, Sandton  
 International Broadcast Centre for FIFA 2010 World Cup Soccer  
 Jabulani /Soweto Theatre Complex  
 Market Theatres  
 Northgate MTN Sundome  
 Ocean Basket Branches  
 Ster Kinekor

Deutsche Bank Securities, Sandton  
 Dimension Data Campus Development  
 Discovery Health Call Centre KZN  
 Discovery Health Building, Sandton  
 Discovery Health Fun Factory  
 DSTv City new head office  
 DSTV Experience Centre Mpumalaga  
 DSV  
 Edcon Refurbishment  
 Embassy Towers  
 Eris Property Group – Block G  
 Eskom NMC Call Centre  
 Everite Limited  
 Facebook Offices  
 Fairlands Developments: Westbank and FNB Homeloans  
 Finastra  
 FNB Atrium – Port Elizabeth  
 FNB City Fraser Street Upgrade  
 FNB Call Centre – Ferndale  
 FNB Inanda Greens  
 FNB Menlyn Mall  
 FNB Umhlanga  
 FNB Windhoek  
 Global Options Head Office  
 Goldman Sachs Sandton  
 Google Offices, Accra  
 Google Offices, Lagos – as Google inhouse validator  
 Google Offices Johannesburg  
 Gordon Institute of Business  
 Greenhouse, Cape Town  
 Greenstone Multi purpose hall  
 Hannover RE  
 Helios Towers - Tanzania  
 Helios Towers - Congo Brazzaville  
 Helios Towers – DRC  
 Hollard Phase II  
 Huawei Head Offices  
 Illovo Phase 3  
 In2Food Offices  
 Johannesburg City Council  
 JSE Building, Sandton  
 KPMG Campus: Phase 1  
 KPP  
 Lakeside Growthpoint  
 Law-on-Keyes  
 Liberty Life Head Office  
 Lesotho Central Bank  
 Macquarie Bank, 1 Sandton Drive SA office  
 Mastercard Foundation Ethiopia  
 Mastercard Foundation Ghana  
 Mastercard Foundation Kenya  
 Mastercard Foundation Nigeria  
 Mastercard Foundation Rwanda

Southdowns Art Theatre  
Southgate Food Court  
Thabo Mbeki Presidential Library  
United International Pictures (UIP) Preview Cinema

### **Hotels, Apartments and Residences**

ACCOR Fairmont Project ICON  
ACCOR Novotel Kinshasa  
ACCOR Novotel Kolwezi DRC  
ACCOR Novotel Lubumbashi DRC  
ACCOR Pullman Airport City Accra Ghana  
Belmond Hotels Group Acoustic Standards  
Boardwalk Casino, Conference Centre and Hotel  
Bredell Hotel and Convention Centre  
Capital Hotels and Apartments Sandton  
Caesars Casino, convention centre (world trade centre)  
Carnival City Casino, Brakpan  
Elephant Point Hotel  
Embassy Towers Sandton  
Emperor's Casino Arena and Hotel  
Four Seasons Westcliff  
Four Seasons Sound House Naviva Maxico  
Grandwest Casino, Cape Town  
Hilton Canopy ALM Hotel Resort Seychelles  
Hilton Double Tree Asaba, Nigeria  
Hilton Double Tree Addis Ababa, Ethiopia  
Hilton Legend Lagos, Nigeria  
Hilton Double Tree Gaborone  
Hilton Double Tree Mbabane  
Hotel Verde, Zanzibar  
Houghton Apartments and Hotel  
Jafza, Dubai  
K Hotel Lagos  
K Hotel Yaoundé  
Leonardo Legacy, Sandton  
LUX\* Grand Baie Mauritius  
Navivia Sound House, Maxico  
One & Only Cape Town  
Palazzo Steyn  
Private Entertainment Facility for Undisclosed High-End Client  
Private Game Farm for Saudi Royalties  
Quantum Tower Lagos Nigeria  
Radisson Blue Umhlanga – advisory  
Radisson Blue Banjul Gambia  
Radisson One Place Accra Ghana  
Radisson Red Rosebank  
Radisson Red Victoria Fall Zimbabwe  
Secunda Graceland Casino Complex  
Steyn City, Johannesburg  
Sibaya Casino Hotel  
The Cliffside Sanctuary Boutique Hotel

Mastercard Foundation Senegal  
Mastercard Foundation Toronto Canada  
Mastercard Foundation Uganda  
Marsh Head Office  
Menlyn Maine Development  
Midstream College  
Midstream Medical College  
Microsoft Johannesburg  
Microsoft Nairobi  
Midrand Vodaworld Auditorium  
Momentum Metropolitan Holdings New Head offices  
MTN Boardroom  
MTN Phase II and Campus Development  
MTN Regional Offices  
MTN Swaziland  
National Council of Provinces (NCOP)  
National Research Auditorium  
Nedbank Lakeview  
Nedbank Phase II  
Nedbank Newtown  
Nedcor North Sandton  
Old Mutual Emerging Markets  
Pan African Parliament  
Peregrine, Katherine Street Towers  
Polifin Auditorium  
Rani Towers Mozambique  
Rand Water Auditorium  
Redefine Offices Sandton  
Rio Tinto Head Office, Johannesburg  
Rosebank Towers – Virgin Active  
SAB Central Office  
SABS Call Centre  
Sappi Boardroom  
Sasol Head Office  
Sasol Oil Randburg  
Smollan Unilever Durban  
Softline head office, Woodmead  
South African Institute of Architects (SAIA) Offices  
South African Blood Bank (SANB) Offices  
South African Reserve Bank (SARB) Head Office Refurbishment/Upgrade 2020  
Stauch Vorster Architects Offices  
Standard Chartered Bank  
Standard Bank, Morningside College  
Standard Bank of SA Ltd., Executive meeting room, Johannesburg  
Standard Bank Rosebank Executive meeting facilities  
Saint Gobain New Head Offices  
SAP New Offices AV design  
South 32 Melrose Acoustic Assessment  
Standard Bank of SA Ltd. Kingsmead  
Standard Bank of SA Ltd., Rosebank  
Statistics South Africa

The Triple Cape Town  
Tswalu Private Resort for Oppenheimer Family  
Witbank Casino Hotel

### **Museums**

Anglo Platinum Innovation Centre  
Freedom Park Phase II  
Hector Peterson Museum, Soweto  
National Film, Video and Sound Archives of South Africa, Pretoria

### **Studio Projects**

33 Baker Street, Std Bank Video Studio  
Atlas Studios Johannesburg  
Cape Town Film Studios  
Cube Recording Studios  
East Coast Radio Studios  
EMI Powerhouse Studio  
Frank Studios  
Gordon Institute of Business Science Video Studio  
Homestudio Music Studios  
M'du Records  
Malawi Broadcasting Corporation - Blantyre  
M-Net Television Studios, various studios  
Multichoice AFM Suites and Dubbing Studios  
National Electronic Media Institute of South Africa  
Newzroom Afrika Studios  
Radio Safari  
RAU Television Studio  
SABC:  
Durban studios  
    Music Control Room  
Johannesburg studios  
    Radio 5 Studios  
    M4 music studios  
    Radio OB Vehicle  
    M4 Music Studio Control Room  
    Henry Video Production and SSL Final Mix  
    Drama Studio  
    M2 music studios  
Bloemfontein  
    Music Recording Studio and Control Room  
Cape Town: Music Recording Studio and Control Room  
Port Elizabeth studios  
Scorpio Music  
Shine Studios  
SASANI Studios new Stage 1 and 4  
SASANI Hyde Park Studios  
Sc-Bono Tv Studio  
SONY Studios Johannesburg  
Stark Studios  
Swaziland Broadcasting Studios

T-Systems Head Office, Midrand  
Telesure Building  
Tiger Brands Head Office  
Upbeat Properties 101 – Total  
Head Office: Refurbishment  
Unilever Durban office  
United Nations Office at Nairobi  
Vereeniging Town Council  
Vodacom Florida, Bronberg and Midrand  
WAICA Re Ghana  
Wilde-at-Heart: Wonderland and Greenhouse  
World Bank  
Zurich Reinsurance, JHB CBD

### **Airport Terminals**

King Shaka Airport, Durban  
O R Tambo International Airport, Johannesburg  
O R Tambo ACSA AWPO building  
O R Tambo ACSA Business Gate  
Zanzibar T1, T2-2 terminals

### **Places of Worship**

Apostolic Faith Mission, Botswana  
Bet David, Johannesburg  
CSI Johannesburg North  
CSI Kyalami Castle  
CRC Johannesburg  
Bethesda Church, Pretoria  
Christian Family Church, Boksburg  
Church on the Hill, Nelspruit  
Delta Church, Moreleta Park  
God First: City Green  
Gracepoint Church  
Eastside Community Church, Pretoria  
Great Park Synagogue  
NG Studentgemeente  
NG Communitas  
Real Life Church  
Rivers Church, Morningside  
Rosebank Union Church  
St Dunstan's Church  
Tsu-Chi Buddhist Temple Bedfordview Johannesburg  
Universal Church Kingdom of God, Parkstation

### **Green Star Surveys and Assessments**

ABSA Towers West, Johannesburg  
BCX Head Office  
Centurion Square  
DSTV Randburg  
FNB Contact Centre  
Green Building Council Head office Cape Town  
Green Building Council Rosebank  
Hyundai Head Office

Swaziland Broadcasting Corporation  
Downtown Studios  
Classic FM SA Radio Studios  
Primedia 702 and Highveld Studios Johannesburg  
Radio Algoa On Air Studios  
The Refinery Video/Audio Studios  
VIACOM Studios Johannesburg  
YFM Rosebank Studio complex  
Universal Music Studios (EMI)

#### **Data Centres / Noise Mitigation Design**

Absa Towers West, Johannesburg  
Africa Data Centres – Cape Town  
Anglo Platinum, Rustenburg  
Digital Realty Ghana  
Dimension Data NTT Samrand JOH1 Data Centre  
Dimension Data Bloemfontein Data Centre  
Discovery Fun Factory HVAC, Sandton  
FNB Menlyn Corner, Pretoria  
Futuretech JOH1B  
Green Park Towers HVAC, Morningside  
Interxion Data Centre Accra Ghana  
IS Data Centre, Randburg  
JSE Data Room, Sandton  
Life Flora  
Life Wilgehuwel  
Mediclinic Midstream Generators noise mitigation  
Sandton City rooftop Development  
Sci-Bono Laboratory and Lecture Venue,  
Johannesburg  
Teraco Data Centres Johannesburg and Cape Town  
Vantage Data Centres  
WITS Hall 29 Generator Room  
Zondereinde Power Plant

Illovo Phase 3  
KMPG Campus, Johannesburg  
Nedcor Phase 2 building, Sandton  
SASOL Corporate offices  
Upbeat Properties 101 - Total  
Villa Mall, Pretoria  
Vodafone SSIC

#### **Stadiums**

Loftus Versfeld Stadium Acoustics and Audio/visual  
Systems upgrade to meet FIFA 2010 requirements.  
FNB Stadium Acoustic analysis