

CURRICULUM VITAE

GRAEME GREENWOOD

PrCPM, PMP, MBA(UCT), PrEng, CEng, BSc (Civil) Eng



POSITION : Director
NAME OF FIRM : UrbanEQ Consulting Engineers (Pty) Ltd
SPECIALISATION : Project and Programme Management
DATE OF BIRTH : 30 October 1973
NATIONALITY : South African
YEARS EXPERIENCE : 24

SUMMARY:

Graeme holds qualifications in civil engineering, project management, and business leadership, and is a member of various engineering and project management professional bodies, both locally and in the United Kingdom. Graeme has more than 18 years' experience as a senior project manager and leader, directing multi-disciplinary teams on a range of projects, across phases of the project cycle (from planning to execution). These have been focused on the development of large infrastructure, mixed use and singular use building complexes, and conceptualising, implementing, managing and ensuring the sustainability of Bus Rapid Transport and Integrated Rapid Transport Systems.

His key focus in the past 10 years has been in the setting up and project managing of the Cape Town MyCiTi BRT system, having project managed teams of specialist consultants through various contacts in the Operations, Business Planning and Contract Management lines of business.

Key experience includes:

- Construction Project Management with experience in JBCC, NEC and FIDIC (green book) contracts
- Programme Management
- Technical coordination and management across the full spectrum of the professional team
- Design and on-site building coordination for projects as big as the Cape Town Stadium
- Tender evaluation and client representation
- Technical Advisory Services to Public Private Partnerships (PPP's)
- The Project Management and Operation of major event transport systems (FIFA World Cup)
- The Project Management of setting up, operating and assessing the sustainability of public transport systems (IRT, MyCiTi Cape Town)
- Contract administration and project management for the feasibilities associated with several new developments

EDUCATION:

Qualification:	Institution:	Year Obtained:
PMP	Project Management Institute	2013
MBA	University of Cape Town	2004
Henley Certificate in Management	GIMT (UK)	1999
BSc (Civil) Eng	University of Cape Town	1995

MEMBERSHIP WITH PROFESSIONAL ASSOCIATIONS:

- Registration as a Professional Engineer: Engineering Council of South Africa; **PrEng** No: 2000002
- Registration as a Professional Engineer: Institute of Civil Engineers UK; **CEng** No: 61380242
- Project Management Professional; Project Management Institute USA; **PMP** Reg No: 1673013
- Registration as a Professional Project Manager South Africa; **PrCPM** No 300066509

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EMPLOYMENT RECORD:

From: 2016 to Date
Employer: UrbanEQ Consulting Engineers (Pty) Ltd
Position held: Director

From: 2006 to 2016
Employer: BKS (Pty) Ltd now AECOM (Pty) Ltd, Project and Construction Services
Position held: Executive and Western Cape Hub lead

From: 2005 to 2006
Employer: Urban Space Property Development
Position held: Construction Project Manager

From: 2000 to 2004
Employer: Atkins (Pty) Ltd UK
Position held: Structural Engineer, Project and Programme Manager

From: 1996 to 2000
Employer: LTA Construction
Position held: Site Agent

PROJECT HISTORY (Summary of major projects only):

PROJECT NAME: **PROVISION OF PROFESSIONAL SERVICES: IRT BUSINESS DEVELOPMENT**
PERIOD: From: 2014 to Date
CLIENT: Transport for Cape Town, City of Cape Town (sub-con to Pegasys)
SUMMARY: Project Manager leading project delivery in a consortium of specialist transport and infrastructure related professionals with the objective of developing sustainable business development principles through the writing of business plans and financial modelling for the various phases of the MyCiTi service.
<http://myciti.org.za/en/routes/route-map-downloads/>

PROJECT NAME: **PROVISION OF PROFESSIONAL SERVICES: CONTRACT MANAGEMENT**
PERIOD: From: Feb 2017 to Date
CLIENT: Transport & Development Authority, City of Cape Town (sub-con to VZA)
SUMMARY: Assistance to the City of Cape Town's TDA Contract Management section (Transport) to provide project and programme management, contractual input and operational technical support in the development of public transport contracts, Dial-a-Ride services, SOP's and negotiations with MyCiTi Vehicle Operating Companies etc

PROJECT NAME: **PROGRAMME / PROJECT MANAGER –VARIOUS BUILDING PROJECTS IN THE NORTHERN CAPE AND CAPE TOWN METROPOLITAN AREA**
PERIOD: From: 2014 to 2016
CLIENT: Various

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SUMMARY: Programme manager/ executive overseeing the start-up, implementation and management of various projects including:

- **Sol Plaatje University:** five multi-storey buildings including residential use, lecture theatres, an auditorium, and offices.
- **Transnet Building Improvements:** various building improvements and upgrades in the Cape Town Port precinct in terms of the Transnet Framework Agreements.
- **Everite Hostels, Brackenfell:** the development of vacant land in Brackenfell for Group 5 Property Developments consisting of 750 residential units ranging from BNG to upper market GAP units. Building work was based on a R300m budget for the 14Ha project.
- **Netcare sustainable development programme:** Term contract managing the implementation of solar solutions retrofitted onto mediclinics in the Western Cape.
- **Yzerfontein offices:** Brownfields development of high-tech offices - feasibility and design coordination.

PROJECT NAME: **INTEGRATED RAPID TRANSPORT (IRT) SYSTEM OPERATIONS**
PERIOD: From: 2010 to 2014
CLIENT: Transport for Cape Town (IRT Operations), City of Cape Town
SUMMARY: Chief Engineer/ Lead Project Manager managing a team of consultants tasked to develop, implement and manage the operational plan for the implementation of the MyCiTi IRT operations using the buses, stations and newly formed vehicle operating companies.

PROJECT NAME: **13 DORP STREET PPP – TECHNICAL ADVISORY SERVICES**
PERIOD: From: 2012 to 2015
CLIENT: Department of Trade and Public Works. Western Cape Provincial Government
SUMMARY: Technical advisor for the redevelopment of an entire city block under the MFMA and National Treasury mechanisms for a Public Private Partnership (PPP). This involved a technically complex evaluation of private party submissions to design, build and operate a proposed scheme to pre-agreed needs. The contract is still to be awarded so the price is confidential.

PROJECT NAME: **EVENT RELATED PUBLIC TRANSPORT SYSTEMS FOR THE 2010 FIFA WC**
PERIOD: From: 2009 to 2011
CLIENT: City of Cape Town
SUMMARY: Lead Project Manager to a consortium of transport consultancies tasked with implementing a city-wide bespoke public transport system tailored for the 2010 FIFA World Cup events in Cape Town (the system was conceptualized over a two-year period prior to the event). This included the startup of the very first Cape Town based BRT system which was used to provide event services for the 2010 World Cup events.

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PROJECT NAME: CONSTRUCTION OF THE CAPE TOWN STADIUM
<http://www.capetown.gov.za/en/CapeTownStadium3/Pages/venues-stadium.aspx>
PERIOD: From: 2007 to 2010
SUMMARY: Resident Senior Project Manager/ Chief Engineer on the project, from the “turf turning” ceremony to the final commissioning of all the services and hand over to the City of Cape Town. Specific on-site management of information flow, quality, claims mitigation, and programming evaluation.

PROJECT NAME: THE EDGE
<http://www.urbanspace.co.za/the-edge.html>
PERIOD: From: 2005 to 2007
CLIENT: Urban Space Property Developments (Pty) Ltd
SUMMARY: Principal Agent and Project Manager for the building of a block of 36 luxury apartments and associated commercial space in Cape Town within an extremely tight programme and budget.

PROJECT NAME: SHELL UK and IRELAND PROGRAMME MANAGEMENT SERVICES
PERIOD: From: 2001 to 2003
CLIENT: SHELL GLOBAL
SUMMARY: Senior Project Manager responsible for the upgrading and refurbishment of ± 90 Shell service stations in the UK and Ireland. Work included managing a multi-disciplinary delivery team (including engineers, designers, and quantity surveyors). Procurement, tendering, contracting, and financial control. Liaison with specialist services and legislative bodies (e.g. on environmental matters). Progress reporting to the Shell Management Board.

PROJECT NAME: THE ODYSSEY RESIDENTIAL DEVELOPMENT
PERIOD: From: 2001
CLIENT: Redrow Homes
SUMMARY: Resident engineer on a multi-storey residential development (including basement parking) overlooking the River Thames. The development context included a high-water table and bad soil conditions.

PROJECT NAME: OPEN CAST GOLD MINE under LTA / Moolmans
PERIOD: From: 1999
CLIENT: RESOLUTE AFRICA - Tanzania
SUMMARY: Open cast gold mine in Tanzania in extremely isolated conditions. A high-pressured position forcing careful consideration in planning as monthly targets had to provide optimization in machine utilization and refinery output. Work involved day and night shifts in order to understand and be able to analyse all supply chain processes.

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PROJECT NAME: **VARIOUS STRUCTURAL DESIGN PROJECTS**
PERIOD: From: 1998
CLIENT: LTA Process Engineering: De Beers, Karin Beef, Grain Silos
SUMMARY: Developing tender documentation, producing bills of quantities for feasibility studies, and undertaking due diligence for clients on potential construction projects. Producing due diligence reports included working with a team of specialists to undertake the professional review of the information so that client risk could be managed better.

PROJECT NAME: **LESOTHO HIGHLANDS WATER PROJECT - LTA / Group 5 Mohale JV**
PERIOD: From: 1996 to 1997
CLIENT: National Government / Lesotho Government
SUMMARY: A portion of the Joint Venture was a R260mil contract involving the rehabilitation of 55km of old mountain pass, and the construction of 18km of new road. I spent 13 months as the Site Engineer constructing a R12mil pre-cast multi-span bridge consisting of 6No 30m long pre-cast beams moved and placed with a launching girder. Following this, Site Manager of at least 10 different teams working on the road. Most of the teams formed part of an entrepreneurial development programme for the area. This involved detailed co-ordination, extensive public interaction, meetings with local communities, project costing, detailed strategic planning, and materials ordering. These were against tight deadlines, labour disputes, language barriers and extreme weather conditions.

PUBLICATIONS & PAPERS

- MyCiTi Integrated Rapid Transit System *"It is not just about the bus"*, SAICE Civil Engineering Magazine, September 2013

HOBBY'S AND INTERESTS

- Mountaineering and rock-climbing
- Tennis
- DIY