

Simulations Software Demonstrations

Don't miss this opportunity to hear directly from software suppliers how their products can be used for Green Star SA simulations! The session will consist of three 30-minute sections by the following software suppliers, each demonstrating how their software can be used for Green Star SA and general simulations purposes.



Francois Joubert, Joubert Dekker Greenbuild Consultants

Francois Joubert is a founding member of Joubert Dekker Greenbuild Consultants. He is an aeronautical engineer by training. His engineering career started with the Council for Scientific and Industrial Research for whom he did research on gas turbine combustion at the facilities of the University of Stellenbosch, where he also lectured on a part time basis. He subsequently spent 10 years in the defense industry working on the development of rocket and missile propulsion systems.

After completing a couple of successful consultation projects in the building environment, with co-founder Dr Jakob Dekker, he has focused on sustainable construction. He is an accredited Green Star Professional and has recently served on a technical group to develop the new Green Star SA rating tool for Retail.

Francois has recently completed an energy simulation study of the ABSA Towers West Building in Johannesburg for WSP Green by Design. Greenbuild Consultants has been appointed as representatives for DesignBuilder simulation software (used in the ABSA project) in South Africa.



DesignBuilder
Software

Joubert Dekker
GREENBUILD CONSULTANTS



Nigel Eatough, Channel Director, Bentley Systems

Channel Director for Bentley Systems responsible for the promotion of Bentley's High Performance Green Building software solutions throughout Europe, Middle East and Africa. Over ten years working for Bentley working with Architects, Engineers and construction firms. I hold a degree in Civil Engineering from Imperial College, London and an MBA from The University of Bath School of Management.

Successfully creating high-performance buildings demands the accurate prediction of energy consumption, CO₂ emissions, operating costs, and occupant comfort. Bentley's comprehensive suite of industry-leading energy design, simulation and analysis applications, including [Hevacomp](http://www.bentley.com/en-US/Products/Building+Analysis+and+Design/Hevacomp.htm) (<http://www.bentley.com/en-US/Products/Building+Analysis+and+Design/Hevacomp.htm>) and [Tas](http://www.bentley.com/en-US/Products/Bentley+Tas/) (<http://www.bentley.com/en-US/Products/Bentley+Tas/>), provides today's professionals with these capabilities and more, facilitating the productive delivery of sustainable 'green' buildings.

As the world's leading company dedicated to providing comprehensive software solutions for the infrastructure lifecycle, we believe in the vital role that infrastructure must play both in sustaining society and in sustaining the environment. Bentley has proven applications that help engineers, architects, contractors, governments, institutions, utilities and owner-operators design, build and operate more productively, collaborate more globally and deliver infrastructure assets that perform more sustainably.



Bentley
Sustaining Infrastructure



Dr Thomas Campbell, Chartered Energy Engineer

Tom is a Chartered Mechanical and Energy Engineer, and Fellow of the Energy Institute, Institution of Mechanical Engineers and Chartered Institute of Building Services Engineering. A recipient of a Royal Society Industrial Fellowship he has published over 300 articles at national and international level on energy efficiency, carbon management and sustainable design.

A leading Building Research Establishment (BRE) consultant on energy assessments and design, Tom has undertaken over 500 assessments covering a variety of building types: industrial process, office, retail, sport centres, airport terminals, hotels, schools, restaurants and health care. A University of Strathclyde post-graduate and nuclear engineer by training he now works and researches in the area of sustainable design and energy use. The use of advanced modelling tools in the application and assessment of buildings is now a key focus for Tom's activities.

Tom joined Argyll International as Managing Director in 2002 and also holds numerous positions with companies throughout Africa and Asia as well as visiting professorships at leading universities. This session is open to anyone who has attended the Simulations Seminar previously (Johannesburg 19 August or Cape Town 25 August) or is interested in learning about simulations software options for Green Star SA. The course is open both to GBCSA Convention delegates and others.



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