



ECOSPECIFIER

DAVID BAGGS SPEAKS



*Inspiring audiences to visions for a greener,
healthier built environment...
and providing real world solutions.*

**Green Building Solutions Specialist, Green Products & Building Researcher & Assessor
Multi-Award Winning Eco-Architect**

David Baggs is a vocal advocate, educator and guide in a world ready to be greener and recently voted as one of Australia's Top 50 Environmentally Influential people.



**GREEN
ADVOCATE**

DAVID BAGGS SPEAKS

CEO and Technical Director behind the highly successful online industry resource tool **ecospecifier**, David plays a powerful and unique role to actively bring green building innovation, materials and the built environment together.

His primary aim is to push the boundaries in ecologically sustainable development out to new horizons, leading architects and designers towards greener visions and lighting the creative fuse for building manufacturers to develop more eco and health preferable building materials, fit-out products and technologies.

In a career that spans more than three decades, David is highly respected for his work as a sustainability, eco-products and materials consultant and certifier on construction projects from Australia to Sri Lanka and Middle East. With his Green Building Solutions team, David has been involved on new and refurbished building projects worth over AUD\$55 billion. He is also responsible for the development of some of the world's leading green building policy.

An innovative thinker and practitioner, David Baggs communicates knowledge in Green Building Design, Solutions and Life Cycle Assessment for products and buildings with great passion, informing and inspiring the construction field to step up to the sustainability challenge.

Rich examples and resources available - Inspiring!

Wilson Yau Hong Kong Science and Technology, **Greenbuild Asia Hong Kong 2009 Masterclass**

Delivering powerful presentations on green building and materials intelligence

If anyone has need of someone to talk about the state of green building policy, materials innovation, design or navigating through the maze of building codes, green rating systems and government legislation – your speaker is David Baggs.

Just name an issue or idea to push the boundaries of thought and eco-practice further and David will respond with a speech that will convince you or inspire you to find out more.

For international and industry conferences and corporate seminars, David Baggs produces robust presentations that tap into major worldwide issues as well as his own significant experience and practices in delivering world leading green projects. David challenges the way for new frontiers of Ecologically Sustainable Design to be realised, speaking on topics that have addressed the spectrum of sustainability challenges in the contemporary built environment, including:

- **Green Building: What's Driving it and Where Is it Going**
- **Driving Green Building Productivity: BIM, LCA & GreenTag™ – the World's First Ecolabel Rating for Green Building Product Certification.**
- **Designing the First Cost of Green Buildings Down: Integrative Design**
- **Sustainable Materials in Context**
- **Restorative Sustainability, Lean Cities & Low Carb Materials**
- **Optimising Building Design for Sustainability & Comfort**
- **Detoxifying the Work Environment: Driving Productivity Through Design**
- **Water Cycle Management & Re-Use Strategies for A Consuming Globe**
- **Green Roofs & Walls: The New Impetus For Vegetated Buildings**
- **Automating Green Building Sustainability Assessment**
- **Introducing the Estidama Pearls: Abu Dhabi's New Green Building Rating System**



Plus custom seminars or presentations to suit your needs.

Major Presentations

2011

BuildingSMART 'MESH' BIM Conference, Australia
Green Cities 2011, Australia
7th Australian Conference on Life Cycle Assessment, Australia
DesignEX, Australia
Equinox 'Green Event' Melbourne, Australia
DesignBuild, Australia
ABSA, Sustainable Building – Does it Measure up?, Australia
GreenIT Conference, Australia
KBDi Conference, Australia
Qld Government, Dept Trade & Investment Green Building Seminar, Australia
Asia Pacific Cities Conference, Australia
New Zealand Property Council Conference, New Zealand
Coco Republic RenovationFIX Seminar Series, Australia
BDAQ State Conference, Australia
Energy Performance in Commercial Real Estate Conference, Australia
Australia/Israeli Chamber of Commerce
GBCSA Conference, Panel Member, South Africa
ecospecifier South Africa Educational Seminar, South Africa

2010

Expo Build, Shanghai, China
China Sustainable Buildings, Shanghai
China Green Buildings, Shanghai
GreenTag Information Seminars, Sydney, Melbourne, Brisbane, Maroochydore
GreenTag GBCA Seminars, Sydney, Melbourne, Brisbane
Armstrong Ceilings: Lancaster Campus, PA, USA. International Global Product Innovations Group
POPAl Conference, Melbourne
DesignBUILD, Melbourne, Perth
TEFMA Conference, Sydney
Australian Steel Institute, Sydney
Big Five Conference, Dubai

2009

Dubai Municipality DEWA, 13-16 September, 09
DesignBuild, Sydney, 21-23 May 09
Big Five Conference, Dubai, 23-27 November, 09
Big Five Expo, 24 November, 09
Index, Dubai, 3-7 December, 09
India Green Building Council, 20-25 October, 09
Green Build Asia – Paper on one day Masterclass on Integrative Design Process
EcoBuild Dubai – October
BEX Asia – Sept
Master Builders Australia National Conference Keynote address, Gold Coast

2008

Middle East Environmental Engineering Conference, Abu Dhabi
Co-operative Research Centre for Construction Innovation – International Conference, Gold Coast
CRC, 'Sustainability: the Missing Link in the Prospect of a Low Carb Future', Queensland
Design 4 Sustainability, Sydney
Designbuild, Melbourne
2008 Queensland Supply Chain, Brisbane
Infrastructure Australia, Melbourne
Queensland Government Trade Architectural Book Launch, Singapore
National Sustainable Procurement Conference, Brisbane
World Architecture Congress, Dubai
CityScape, Dubai

2007

Royal Australian Institute Architects: 'Eco-products in Practice'
Australian Association for Sustainable Materials in Construction: 'From Passive to Extreme Thermal Mass: Using Mass to Generate Thermal Comfort and Next Generation Energy Sources'
Australian Green Roofs for Healthy Cities: Inaugural National Conference:
Green Square Town Centre: Stakeholder Vision Setting Workshop -
Ecospecifier Practical Sustainability National Seminar Tour
Seminar #1: 'ESD and Compliance Solutions'
Seminar #2: 'Building Rating Material Issues and Solutions'
Seminar #3: 'Green Building and Materials Procurement'
Seminar #4: 'Life Cycle Assessment of Embodied Energy'
DesignEX 2007 – Lean Cities and the Role of 'Restorative Sustainability' - Melbourne
DesignBUILD 2007 – Sustainable Materials: Current Issues and Drivers - Perth
International Cities and Town Centres Association International Conference,
Auckland 'Lean Cities – Low Carb' **Green Renewables EX 2007 Sydney** – 'Low Carb Materials'
Renewables EX 2007 Sydney: 'Low Carb Materials'
Infrastructure Australia 2007 Exhibition: 'Sustainable Products in Major Projects' –Melbourne

Qualifications

National Accreditation ABSA 2010
LEED® Accredited Professional 2008
Green Star Accredited Professional 2006
Accredited Building Sustainability Assessor (ABSA) #200047
Chartered Architect, Board of Architects, NSW 1980
Bachelor of Architecture (Hons) NSW Institute of Technology 1979

Affiliations

Fellow of the **Royal Australian Institute of Architects (FRAIA)** – 'Associate' status since 1979 #847
Member **Alternative Technology Association**, Current - 1993
Member, **Royal Society (NSW) for Advancement of Science**, Current - 1990
Member, **Passive Solar Buildings Group of AuSES**, Current - 1984
Member, **Australian & New Zealand Solar Energy Society**, Current – 1980
Member, **Green Building Council Australia**, Current - 2000
Member, **Green Building Council United Arab Emirates**, Current - 2007
Member, **Green Building Council USA**, Current - 2008
Member, **Green Building Council South Africa** Current - 2009

Awards

Premier of Queensland Export Awards

2010 Winner of Small Business category

2010 Runner Up in Emerging Exporters category

Banksia Awards

2009 Voted of Australia's top 50 most Influential Environmental Companies (ABC Carbon Readership)

2005 Finalist (ecospecifier) Awards Ceremony

2004 YBE 'Sustainable Communities' Commendation (ecospecifier)

HIA National GreenSmart Partnership Award

2004 (ecospecifier)

HIA National GreenSmart Professional of the Year

2003

HIA PATHE GreenSmart Award

2000 Environmental consultant Manidis Roberts with the Mirvac lend lease Consortium for the Olympic Village

Banksia Award 2000 Finalist for the Olympic Village 1981

Banksia Award

1999 Sydney SuperDome Environmental Initiatives as environmental consultant to Manidis Roberts and AbiGroup Australia

University of Technology Sydney Special Award

1999 'Excellence in the Field of Energy Conservation in Buildings'

Master Builders Association, National Housing and Construction Excellence Awards, Energy Award

1999 with the Mirvac Lend Lease Village Consortium for the Olympic Village, Newington.

NSW Chapter, Royal Australian Institute of Architects, Merit Award for ESD Design

1999 for The Munro and Grace Pavilions RAS Showgrounds, Homebush, with SJPH and Pavillion Architects.

Master Builders Association National Energy Management Commendation

1998 with the Greenlight Consortium for the Energy Smart Homes Program

Finalist Baulkham Hills Council Best Energy Efficient Building

1998 Best Ecologically Sustainable Building and Best Medium Density Development

1993 Baulkham Hills Council Best Environmentally Efficient Building

CSR Energy Conquest Award for Commercial Building

1993 Brewarrinna Aboriginal Cultural Museum (NSW PWD)

Blackett Award RAIA

1991 for Brewarrinna Aboriginal Cultural Museum (NSW PWD)

Housing Industry Association, Top Home Award

1990/91 for Most Innovative Design

Housing Industry Association, Top Home Award

1988/89 for an Energy Efficient Home

Housing Industry Association, Top Home Award

1988/89 for Most Innovative Design

National Energy Management Award,

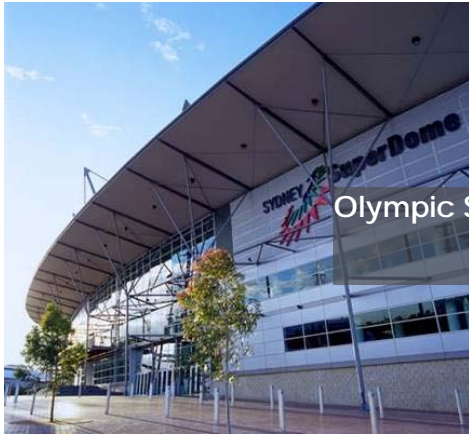
1986 Certificate of Merit for Significant Achievements in the Efficient Management of Energy

Housing Industry Association, Top Home Award

1985/86 for an Energy Efficient Home

NSW Building Society Design Award

1981



Olympic SuperDome



AMP Global Headquarters

Green Building Consultancies

Including Integrated Sustainable Design Process (ISDP) Facilitation:

Green Square Town Centre Public Domain Green Square, ESD NSW Landcom

AMP Circular Quay Global Headquarters Refurbishment Circular Quay, Sydney

Department of Defence: Holsworthy, Williamstown and Canungra Bases Redevelopment, Masterplan ESD Strategies

Green Square Town Centre Masterplan Green Square Town Centre Urban Redevelopment East Sydney, NSW Landcom

Olympic Games Village Newington, MLLVC Consortium

SuperDome Arena Sydney Olympic Park, Millennium Consortium

Comparative Life Cycle Assessment of Caroma Factory Adaptive Re-use Greater Pacific Properties Chatswood NSW.

Building Thermal Performance Assessment

Over 40,000 assessments including BASIX and BCA Section J

Payce Constructions Ltd The Waterfront, 2000 Apartments Homebush Bay Sydney

Bilbergia Limited Waterpoint Projects - over 3000 apartments, Homebush Bay, Meadowbank Sydney and Canberra

Fraser's Greycliffe Projects approx 1000 apartments, Sydney & Perth

Waltcorp and NSW Landcom Victoria Park Stages 2 & 3: over 1000 apartments, Green Square, Sydney

RSL Care Aged care apartments, Hervey Bay QLD

AV Jennings Multiple projects across Sydney

Mirvac Multiple projects across Sydney

Australand Multiple projects across Sydney

Mirvac/Lend Lease Olympic Village energy rating audits 1500 dwellings

Green Star Facilitation and Rating

Energex 35,000m2 - 6 Star Office & Interiors Project Brisbane

First Green Star Rated School Burpengary, Education QLD

First Green Star Rated ESD Pilot School Peregian Education QLD

AMP Global Headquarters Refurbishment Interiors, Circular Quay, Sydney

Commonwealth Dept of Public Prosecutions Interiors, Sydney

AMP Proposed Office Building Coronation Drive Office Park, Brisbane

Policy

Emirate of Abu Dhabi: Estidama Pearls Design System Rating Method and Design Guide for New Buildings, Offices, Retail, Residential. Schools and Existing Buildings

Green Designer's Manual & Toolkit Northern Rivers Regional Strategy - Planning NSW

Green Square Town Centre DCP ESD Content, Planning NSW;

Energy Smart Homes Policy Model DCP, Scorecard development, project management, and training of nearly 1000 officers for the NSW SEDA in 52 Local Government areas as consultants to the Greenlight Consortium;

'Greenhouse Homes' Program, WA, SA & QLD - Australian Greenhouse Office (AGO);

Residential Climate Protection Program WA, SA & QLD - AGO;

Commercial & Industrial Buildings Energy Efficiency DCP - Co-development for Botany Bay City Council

Brisbane City Council Commercial Buildings Energy Efficiency Code - Co-development.

Gosford City ESD & Energy Efficiency Policy

The Waterfront, Homebush Bay, Sydney



Green Roof Consultancies

Green Roofs Research Report NSW Landcom

Penrith Anglican College Anglican Diocese

Penrith NSW;

Al Noori Muslim Primary School Greenacre NSW.

Sustainable Water Consultancies

Macquarie University Sports Union Sustainable Water and Master Plan

1.2ML/week sewer and stormwater mining and re-use project using low tech. biological systems to generate sustainable sports field irrigation in perpetuity.

Serenity Lakes

Eco Resort Lake Cooroibah, Noosa QLD - 150 bed eco resort ESD consultancy including on site re-use of all sewer and greywater back into dwellings including toilet, irrigation and laundry re-use. Non-chlorinated supply licensed by QLD EPA and to be constructed.

Vipassana Meditation Retreat

Blackheath NSW, water cycle management assessment, water efficiency, rainwater reuse and implementation project.

Ecologically Sustainable and Energy Efficient Architecture

Sartori Springs - Spritual Healing, Conference & Education

8 star Energy Efficient
2005 Centre, Canyonleigh NSW, Australia

Boat Harbour Eco-Resort

Earth covered proposal
2004 Tasmania, Australia 78 bed

Mixed Use Development

2004 Seven Hills, Sydney, Australia 30 Apartments

Mixed Use Development

2003 Blacktown, Sydney, Australia 10 Apartments

10 Dwelling SEPP 5 medium density

1993 Castle Hill, Sydney, Australia

30 dwelling Seniors Eco-Resort

2003 Castle Hill, Sydney, Australia

Davis Base Antarctica living Quarters

2002 Environment Australia Antarctic Division competitive concept submission

Castlereagh Learning Centre

2000 Adult disabilities learning centre. Design and Documentation for Department of Community Services, Sydney Australia

Darling Mills Grove Masterplan- 100 dwellings

1991 5 Star Energy Efficient, Eco-village, Castle Hill, Sydney Australia

Blue Gum Mews - 65 dwellings

1999 5 Star Energy Efficient, Eco-village Castle Hill, Sydney Australia

Private Residences

1984 - Current - Design, documentation and often construction of over 400 earth wall, passive solar buildings. Approx \$100.0m

Proposed 300 bed Eco-resort and Permaculture University

1993 Fiji , David Baggs and Associates Architects

Brewarrinna Aboriginal Cultural Centre - earth covered

1988 NSW Public Works Dept in Association with ECA Space Design Architects

Al Noori Muslim School, earth covered

1987 Greenacre NSW, Australia ECA Space Design Architects

Books

Australian Earth Covered Building DVD Book

2009 update (3rd edition)

The Healthy House Digital DVD Book

2005, Co-author, 2nd edition with Mary-Lou Kelly (original authors Dr S.A. & J.C. Baggs)

Australian Earth Covered Buildings DVD Book

2009, Co-author, 3rd re-printing with Dr Sydney and Joan Baggs

Sustainable Commercial Buildings

2004, Co-Author with Dr Deo Prasad and Dr Ted Harkness (in publication)

Sustainable Design Primer

2003, Northern Rivers Regional Strategy (Contributing Editor)

Environmentally Sustainable Building

1981-1993, Co-author of 5 editions

Australian Earth Covered Buildings (Hard Copy)

1985 (Edition 1) with S.A. and J.C. Baggs



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