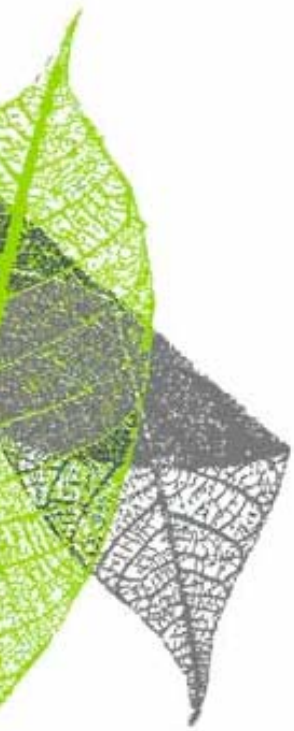


Third Skin
Sustainability
Consulting & Design



PRACTICE PROFILE

3 Randolph Street
Hawthorn
VICTORIA 3122

t: 0415 380 374
e: info@thirdskin.com.au
w: www.thirdskin.com.au





Third Skin Sustainability Consulting & Design

Third Skin provides strategic and project based Ecologically Sustainable Design (ESD) advice to a range of clients in the Australian design and construction sector. Our advice focuses on the need for organisations to develop an informed strategic approach to sustainability, on both whole-of-business and project levels.

Third Skin was established by Chris Barnett in 2007, in response to industry acceptance of a common ESD definition and 'language'. The services Third Skin provides are informed by Chris's participation in the development of ESD over the preceding ten years, in architectural design, ESD consultancy and sustainability policy roles.

'Sustainability is a journeynot a destination' House of Reps.- Sustainability Charter Discussion Paper

By the end of 2006, the first stage of Australia's journey towards creating a sustainable built environment was achieved with wide industry uptake of a suite of rating tools, including Green Star, ABGR, NABERS, BASIX, Sustainable Design Scorecard and STEPS.

While these tools are based on the assessment of predicted ESD design outcomes, the next stage of our journey towards sustainability will focus on the measurement and mandatory reporting of real energy, and other resource usage in building construction and operation. While ESD ratings have developed from an engineering assessment mindset, Third Skin's services address the architectural and design dialogue that determines the basis of how our buildings are formed.

Third Skin's services focus on maximising value, by developing commercially realistic and informed sustainability strategies from the plethora of 'green' information and rating tools now available to the market. Our advice focuses on integrated, multi-disciplinary design processes. Building brief and initial architectural design decisions consistently provide the most cost and resource efficient approach to achieving high performance ESD.

Our strategic advice provides an up to date market context for sustainability, identifying organisational and project sustainability aims and benefits, risks, compliance costs, project complexity implications, project program impacts and marketing opportunities.

Third Skin has a commitment to the benefits that good design can offer society, on social, economic and environmental levels. Having established an ESD language, it is now time for our design discourse to respond to how meeting these measurable environmental impacts may be architecturally expressed.

SERVICES

STRATEGIC ESD ADVICE - Working with organisations to develop informed strategic positions on what sustainability means for their business and how value can be maximised and communicated in developing a considered response.

ESD DESIGN ADVICE – Consulting to select architectural practices on developing sustainability capabilities, including the provision of ESD advice on urban design and architectural projects.

CO2 OFFSETTING ADVICE – Advising on minimising organisational carbon footprints and current carbon offsetting options for remaining emissions. Strategies for linking building energy efficiency to carbon constrained economies upon commencement of carbon trading.

EDUCATION SUSTAINABILITY ADVICE - Advising on educational project sustainability. expanding on recent experience delivering a new School of Architecture facility to the University of Tasmania and new ESD Guidelines to the Victorian Department of Education & Training.

COMMUNICATIONS & MARKETING – Communicating and market research roles in a variety of property and household markets. Sustainability education roles in the design industry, property market and general public.

ARCHITECTURAL & DESIGN SERVICES

Undertaking architectural design briefs with a sustainability commitment, working both independently and in design collaborations. Sustainable product design and commercialisation advice.





Third Skin Sustainability Consulting & Design



EXPERIENCE

Chris Barnett's work has won awards and been published in a range of design, sustainability and construction industry publications. Projects completed over the past five years include:



ESD CONSULTING

ESD consulting roles have included engagements by architects, developers and government to work with design teams across a variety of building typologies and sectors.



Victorian Schools PPP	Strategic ESD advice to bid winning Axiom Education team, for the delivery and operation of 11 Victorian schools. All will achieve a 5 Star Green Star rating.
Victorian Office of Housing	Living Places & Tower Turnaround architectural competitions. Brief writing and ESD assessment
Carlton Housing Redevelopment bid	CITTA/Australand. Sustainability strategy and ESD advice to bid design team
Waverley Park	Mirvac. ESD review and advice on 6 Star and 9.4 Star rated demonstration housing models
Victorian Government Architect	ESD Discussion Paper, relating sustainability to the brief of the Office of the Victorian Gov. Architect
Geelong Mineral Springs	BKK Architects. ESD and collaborative design
Carbon Offsetting	Climate Positive, advice on business offsetting markets
Commonwealth Games Village	URS. Energy & water advice \$100M+
Australian Government ESD Design Guide	DEH reference for all Federal Gov. Buildings
St Kilda Triangle bid	Daryl Jackson Architects. ESD advice \$350M+
Edgewater Delfin Lend Lease	SJB Architects. ESD advice \$80M



DESIGN

Architectural design projects completed in recent years include:



Sustainable Affordable Housing Initiative	Vicurban - DSE - OVGA. Architectural collaboration with BKK Architects selected as one of four design teams commissioned to produce sustainable affordable housing models in the mass housing sector
UTAS School of Architecture	SBE/Six Degrees, Project Architect \$6.4M 2007 National RAI A Award for Sustainable Architecture 2007 RAI A Lachlan Macquarie Award for Heritage 2007 RAI A Tasmania- Sustainability, Public Building & Heritage Awards
Broome Filter House	SBE, Design Architect \$0.3M 2005 HIA GreenSmart Award / 2007 RAI A WA Sustainability Award
Fraser House	Chris Barnett Architects, Project Architect \$0.5M
Suffolk Park House	Chris Barnett Architects, Project Architect \$0.6M

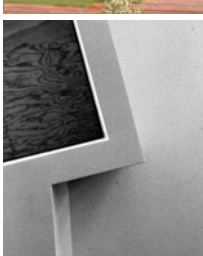


EDUCATION SECTOR ROLES

Chris has a depth of experience in the education sector and a long running interest in the opportunities teaching spaces hold to communicate ESD.



Victorian Schools - ESD Guidelines	DEECD - Project manager ESD Guidelines for all new Victorian Department of Education & Training schools
Burwood Road Research/Office Project	Swinburne University. ESD advice \$ 10M
Dandenong Education Precinct	Hayball Leonard Stent. ESD advice \$ 15M
Wallan Secondary College	Hayball Leonard Stent. ESD advice \$8.1M
Xavier College Early Learning Centre	Y2K Architects. ESD advice \$3M
Victorian Schools Innovation Commission	Sustainability Committee





Third Skin Sustainability Consulting & Design

AWARDS

Our sustainable design work has been awarded:

National RIAA Award for Sustainable Architecture	2007
National RIAA Lachlan Macquarie Award for Heritage	2007
RAIA Sustainability Award	Tasmania 2007
RAIA Public Architecture Award	Tasmania 2007
RAIA Heritage Architecture Award	Tasmania 2007
HIA GreenSmart Energy Efficiency Award	National 2005
RAIA Sustainability Award	Western Australia 2007

PUBLICATIONS

Projects and sustainability articles have been featured in a range of design, sustainability and mainstream media publications.

Monument	Architecture Australia
Artichoke	Vouge Living
Architect Victoria	Greensmart Magaine
Your Home – AGO	Property Australia
The Age	Financial Review

PRACTICE CULTURE

Third Skin has been purposely structured as a lean responsive consultancy, utilising a creative architectural mindset to provide independent sustainability advice. It sets out to provide responsive, tailored sustainability services in a rapidly developing market. It seeks to work in new ways, in response to the challenges sustainability places before us.

This approach allows Third Skin to participate in a wide range of design and policy forums, while minimising overheads to cost effectively provide up to date, well-informed strategic ESD advice.

Contributing to Education Third Skin contributes to educating both school and tertiary design students on the challenges and solutions we face in moving our built environment to a more sustainable footing. Chris Barnett has lectured on ESD and design at Melbourne, RMIT and Deakin Universities, secondary and primary schools.

Contributing to Architecture Third Skin plays an active role in the Australian Institute of Architects, working to help architects participate in the wider sustainability agenda.

Chris Barnett sits on the AIA National Sustainability Committee and is the current Convenor of the Victorian Chapter Sustainable Architecture Forum.

PRACTICE ENVIRONMENT POLICY

Third Skin minimises energy, water and resources used in consumables it's office operations. Bicycle and public transport is used for all city and inner suburban meeting and site travel.

Remaining CO₂ emissions, including air flights, are offset with Climate Positive. Climate Positive is a non-profit organisation providing credible carbon emission offsets. They offset one tonne of installed and accredited renewable energy, with an associated tree planting in a biologically diverse forest sink drawing a further 0.3 tonnes of carbon out of the atmosphere and providing a biodiversity dividend.

INSURANCES

Third Skin is covered by the following professional indemnity insurance policy:

Broker	Planned Professional Risk Services \$1,000,000
Policy No.	03CON07569464
Underwriter	CGU Professional Risk Insurance
Expires	4pm, 28 March 2010

