

SHAC 09 Newsletter No 4 - 16 April 08



SHAC UPDATE

We now have six SHAC teams working on their proposals for their sustainable house and communications campaign. Way to go everyone! We have teams at Unitec, Auckland University, Wellington, Hamilton, Christchurch, and Dunedin. You'll get a chance to meet some of the students and staff involved at the first team video conference on 30 April 2008.

Wondering why your local tertiary institution doesn't have a team yet? We'd like to hear from them. Give them a call and talk to them about the benefits of signing up. Contact details for your local team are on our [web site >>>](#)

At Unitec, the team is working on a proposal for a sustainable house and grounds to be used as a demonstration home at the end of the challenge. The home will include a high R-value wallboard system, thermal storage, rainwater collection, and several active solar technologies.

At Victoria, the SHAC team is working on a design for an inner-city apartment retrofit – just the thing for Wellington!

At University of Auckland, at the Engineering School, a team is working on a building system incorporating earthen walls. At the Architecture School, there are plans for a PassivHouse inspired design.

In Hamilton, at Wintec architectural design students will design and personally build a more sustainable house.

And in Canterbury, engineers from the university are collaborating with architectural designers and builders at CPIT.

Plus, new teams have sprung up in Dunedin and potentially Central Otago.

[Contact your local team with partnership ideas >>>](#)

SHAC PROPOSAL EVALUATION AND PEER REVIEW

SHAC will review team applications submitted 8 May 2008 to ensure selection of robust applications. The SHAC Steering Committee will evaluate proposals considering the following:

1. That the project is in line with SHAC Goals:
 - a. Is the housing concept sound – is it likely to make substantial progress towards the SHAC visions in each category?
 - b. Is the communications plan sound – is it likely to raise awareness significantly in the public and building community about the benefits and ease of sustainable building?
2. That the project has a feasible plan to build a house and generate publicity.
 - a. Scope: Well-specified – limit desired achievement in each category to ensure feasibility.
 - b. Objectives: Is the project likely to be successful (a more sustainable house and communications campaign) and get people working together? (Collaboration). Are tasks clearly defined?
 - c. Resources. Have the team identified enough resources (budgeted funds or contributor hours) to achieve each task?
 - d. Time: Has the team identified times for each activity?

Teams will be notified of their success by 28 May 2008.

TEAM COMMUNICATIONS

The SHAC goal is to encourage teams to publicise why and how their designs are more sustainable. We require that teams hold at least one open house and one workshop for their designs, and to maintain a blog or other web presence.

SHAC TEAM SUPPORT

Tim has been talking to several industry partners, and we are happy to announce more design support for teams, below.

Project management system, and 6 hours consulting time – McConnell Property
Two design reviews and consulting time for each team – Large Engineering Firm
More design support will be announced soon.

We also have a little extra non-cash support for teams needs. Talk to Tim about any issues in your team – we may be able to help!

SHAC TEAM EVENTS – Mark your calendar

Project Management Team Video Conference

30 April 2008 9:30 -12

9:30 Arrival and Team Introduction to SHAC
10:00 Introduce your Team
10:20 Project Management Workshop

Video Conference Locations:

[University of Auckland](#) (Wintec, Unitec, University of Auckland)
[University of Victoria at Wellington](#) (Victoria)
[University of Canterbury](#) (UC and CPIT)
[University of Otago](#) (Otago Polytech)

Please confirm with tim@shac.org.nz by Friday 18 April who in your team plan to attend. Click on the locations to see a map of the venue.

[BRANZ / Righthouse presentations on Energy](#)

Monday 5 May – Dunedin 1:30 – 4:30
Tuesday 6 May – Christchurch 1:30 – 4:30
Wednesday 7 May – Auckland 1:30 – 4:30
Thursday 8 May – Hamilton 1:30 – 4:30
Friday 9 May – Wellington 1:30 – 4:30

Up to two people from each team are invited to attend. Please confirm with tim@shac.org.nz.

Thursday 8 May 2008 – Team Proposals Due

Wednesday 14 May 2008 – Team Video Conference – Water Conservation 10-12

Thursday 28 May 2008 – Teams Accepted to SHAC!

Wednesday 4 June 2008 – Team Video Conference – Consenting 10-12

Wednesday 2 July 2008, 6 August 2008, 3 September 2008, 1 October 2008, 5 November 2008 and 3 December 2008 – Team Video Conferences 10am-12noon

Locations

[University of Auckland](#) (Unitec, University of Auckland)
[University of Waikato](#) (Wintec)
[University of Victoria at Wellington](#) (Victoria)
[University of Canterbury](#) (UC and CPIT)
[University of Otago](#) (Otago Polytech)

Key SHAC dates can be found on the [SHAC Calendar >>>](#)

SHAC 09 NEWSLETTER #4 IS SPONSORED BY Beacon Pathways

Beacon Pathway is a research consortium that seeks to radically change the design, construction and renovation of New Zealand's homes and neighbourhoods. Beacon aims to bring about a significant improvement in the sustainability of the residential built environment in New Zealand through science-based New Zealand research. Beacon researchers have created the Beacon High Standard of Sustainability™, the SHAC minimum benchmark for SHAC team designs. It is fantastic for Beacon to be involved in the Sustainable Habitat Challenge and to offer their support.

ABOUT SHAC 09

SHAC 09 has staff, students, and industry working together to design and build more sustainable housing by October 2009. Even better, teams will tell their community and the world why their designs support sustainable living today.

Questions about the Challenge? Please call me at 0800 SHAC 09.

Tim Bishop
SHAC 09 National Coordinator
Otago Polytech
0800 SHAC 09