



## **4<sup>th</sup> International Speaker Winter Workshop Series**

**23 – 27 July 2012**

### **Business Imperatives for Sustainability**

The failure of eco-system services will mean failure of business, and thus failure of the economy, or as Paul Gilding puts it *The Great Disruption*

with

**David A Hood** FIEAust CPEng FIPENZ FISEAM  
National President, Engineers Australia  
Immediate Past Chairman, Australian Green Infrastructure Council (AGIC)  
Program Leader, Sustainability in Infrastructure and Engineering Asset  
Management, Cooperative Research Centre for Infrastructure and Engineering  
Asset Management (CIEAM)  
(Adjunct Professor, Science and Engineering Faculty, QUT)  
**Chairman, David A Hood & Associates Pty Ltd**

**ROTORUA – Monday 23 July**  
**NAPIER – Tuesday 24 July**  
**CHRISTCHURCH – Thursday 26 July**  
**AUCKLAND – Friday 27 July**

#### ***Introduction***

Business as Usual is no longer an option for society.

Climate change and the imperatives of sustainability require us all to think differently and change the way we live and do business. However, this need not be a threat. Implementing action for sustainability can actually improve your business, your lifestyle, and at the same time ensure that your grandchildren will be able to enjoy a future that is equal to, or better than that which we now enjoy.

## ***Overview***

This interactive workshop will educate you in the latest science and data on climate change, and the damage that society is currently inflicting on natural and social capital. You will participate in discussions on these issues and help develop solutions for your particular business situations. David will use examples from AGIC, CIEAM, and his own consulting experience to show what can be done.

## ***Audience***

This workshop will benefit all stakeholders involved in the planning, design, construction, operation, maintenance, and end-of-service-life decision making of built facilities and infrastructure systems. It will be particularly relevant for stakeholders acting as agents of change within their organisations for improving sustainability outcomes and profitability.

## ***Learning Objectives and Outcomes:***

You will leave this workshop with a better grasp of:

- How climate change will impact on your business;
- How “free” eco-system services currently support your business;
- The Sustainability risks to your business over the short-, medium- and long-term;
- How action by your company can improve your outcomes across all triple bottom lines;
- Technology for mitigating/managing the sustainability risks in different markets;
- Product/technology concepts which fit this future vision for your company;
- Capacity building and training requirements for your vision; and
- Passing this knowledge on to others in your company.

**AND**, importantly how you can drive sustainability change in your business operations.

## ***IMPORTANT***

To assist in you getting the most value from this workshop, we ask that you provide a little background on yourself and your work. You may also wish to put forward any particular sustainability issues that you might be facing in your work environment, or any general questions that David will try to answer for you in the workshop. This detail will be kept confidential unless you want to share your situation/questions with the class.

David will provide a useful reading list that will help you follow up on the learning from the workshop.

### **PROFILE:**

**Professor David Hood** is a civil and environmental engineer with vast experience across major civil and military projects, professional development in emerging economies, senior management in both the public and private sectors and in education. David is deeply concerned that human activities and our current business paradigms, and personal lifestyles are seriously damaging our global home – the planet. However, it need not lead to a Great Disruption – there is hope, but only if we realise what we are doing, and take immediate restorative action.

Following a successful career in project management David took over and commissioned Australia's then New Parliament House in the mid 1980s – a life changing career episode. Since that project, David has become increasingly involved in fostering a culture of sustainability across all engineering disciplines, and the built environment.

David, an accredited Presenter with Al Gore's Climate Project, is Immediate Past Chairman of the Australian Green Infrastructure Council, a new industry association developing the world's first sustainability rating scheme for infrastructure. In November 2010, David was elected National Deputy President of Engineers Australia, and is now the 2012 National President.

In August 2011, David was included in the ABC Carbon list of the top 100 Sustainability leaders in the world.

### **Registration / Information**

<b>Fee</b>	○ TO BE CONFIRMED
<b>More information</b>	<a href="http://www.thesustainabilitysociety.org.nz">www.thesustainabilitysociety.org.nz</a>
<b>To Register</b>	<i>Email to <a href="mailto:vicky@thesustainabilitysociety.org.nz">vicky@thesustainabilitysociety.org.nz</a></i>

## Programme – Timetable

TIME	MODULE
9:00 – 9:20	<p align="center"><b>I: Welcome and Introductions</b></p> <p align="center"><i>Learning Objectives and Aims for the Workshop</i></p>
9:20 – 10:30	<p align="center"><b>II: Sustainability and Climate – a whole systems approach</b></p> <p align="center">An interactive presentation on climate change, and sustainability showing how the environment, society and the economy relate to each other.</p> <p align="center">The group will be asked to compile list of sustainability risks from this presentation which they think are relevant to their business situation.</p>
10:30 - 10:45	COFFEE
10:45 - 11:15	<p align="center"><b>III: Sustainability and your Business</b></p> <p align="center">This presentation will relate sustainability to your business focusing on the impacts of climate change, and declining eco-system services.</p>
11:15 – 12:00	<p align="center"><b>IV – Breakout Session 1</b></p> <p align="center">Following the presentation, the group will breakout and discuss their particular situations, generating lists/examples of the challenges that they see might be preventing action on sustainability. Each breakout group will present back for class discussion.</p>
12:00 -13:00	LUNCH
13:00 – 13:30	<p align="center"><b>IV: Solutions: Technologies, Tools, and Processes that Can Assist.</b></p> <p align="center">A short presentation on energy saving technologies, sustainability frameworks and rating schemes, and decision support processes.</p>
13:30 – 15:00	<p align="center"><b>V – Breakout Session 2</b></p> <p align="center">Groups will develop forward scenarios based on their business cases aiming at mitigating the risks to their business, and implementating change for more sustainable outcomes.</p> <p align="center">Each Group will present back for class discussion.</p>
15:00 – 15:45	COFFEE
15:45 - 17:00	<p align="center"><b>VI: Visioning - Across the Chasm</b></p> <p align="center">The group will discuss and generate conceptual visions for future business and society, and developing backward scenarios (backcasting) towards the present, identifying the major society/economic issues that must now be addressed.</p> <p align="center">Participants will be asked to list their immediate priorities for action on returning to their workplace. In two monthstime they will be reminded of these actions and asked if they wish to provide feedback (voluntary).</p>