SSEE Climate Code Red – Opportunities for Action
Newcastle, 14th October 2009

Meeting Outputs – Summary

The Climate Code Red workshop held at the Panthers Club in Newcastle on 14th October delivered the following outputs

Opportunities
Key opportunities were identified as follows;

N1	***Localisation of land use & food***
N2	***Cradle to Cradle***
N3	***Reduce consumption***
N4	***Redesign urban living – The New Re-inventors***
N5	***Water wise***
N6	***Increase investment in renewables***
N7	***Carbon tax and global equitable allocation***
N8	***Clean energy cluster – Innovative energy technologies***

Call to Action
Within each of these opportunities, recommendations for actions were identified for each of 4 stakeholder groups by people who were passionate about each opportunity. The 4 stakeholder groups were;

a. The Engineering profession
b. Industry
c. Government – State & Federal
d. Community & Households

The table on the following page outlines these actions.

Next steps

SSEE
- Workshops have been held in Brisbane, Newcastle and Adelaide
- a composite of the key ideas and actions emerging will be brought together into a single report
- this summary will be tabled at the National SSEE conference to validate and confirm SSEE's National priorities for action

Attendees
- individuals reflected on their own responses to this question
    - ***As a result of the ideas and actions discussed tonight, what is one thing you can do immediately at a personal level***

Appendix A *Recommendations/ Call to Action*

Opportunity		Recommendation/ Call to Action	
N1	***Localisation of land use & food***	N1-E1	Biomass processing and revegation technology
		N1-I1	Food mileage limits
		N1-I1	Trees not beef incentives
		N1-G1	Enabling infrastructure, education & incentives
		N1-C1	Co-operatives, local businesses + self sufficiency
N2	***Cradle to Cradle***	N2-E1	Life-cycle management, including Scope, Design, Decommissioning/ recycle (eg. AWT)
		N2-I1	Co-zoning of industries
		N2-I2	Internalisation of product cost. Lease more products
		N2-G1	Extended producer responsibility;subsidies, tax incentives, landfill levies, labelling products
		N2-C1	Education
		N2-C2	Financial penalties
N3	***Reduce consummption***	N3-E1	Engineering for whole of life cycle "Cradle to cradle"; Design for efficiency, mandatory back-compatible design (repairable)
		N3-E2	Public outreach & communication
		N3-I1	Triple bottom line; economic/ social/ environmental
		N3-I2	Repair/ retrofitting/ recycling in industry
		N3-I3	Minimise packaging
		N3-G1	Legislation & regulation to subsidise/ penalise; Heavy taxes on waste
		N3-C1	Car pooling/ sharing resources (eg Lawnmower)
		N3-C2	Ban advertising. Media messages about consumption
		N3-C3	Redefine happiness
N4	***The New Re-Inventors - Redesign urban living***	N4-E1	Professions; Land planners, architects - Create space for community empowerment & knowledge sharing - Build/ develop consolidated cities
		N4-E2	Retrofit houses & buildings
		N4-I1	Academia/ Education, Media, Building Designers - as above
		N4-G1	Greenbelt- green corridor strategies
		N4-G2	Urban agriculture land protection policy
		N4-C1	Emphasis on neighbourhood. Stop urban sprawl. Consolidate urban areas
		N4-C1	Sense of place and community, stop urban alienation
N5	***Water wise***	N5-E1	Design & insist on storm water capture and re-use, waste water re-use, solutions using less dams, more tanks
		N5-I1	Recycling, no use of potable water
		N5-G1	Legislate for water efficient use; in agriculture (eg. Rice in Nth Qld),grey water, retrofitting tanks, in buildings & industry.
		N5-G2	User pays, increase price to control use
		N5-C1	Grants to make plumbing/ grey water re-use
		N5-C2	All public buildings, schools, pools to have water tanks, recycle, et
N6	***Increase investment in renewables***	N6-E1	Recognition for innovation & promotion of educational seminars/ trade days by RIA, ECA
		N6-E2	Curriculum development for increased skills in renewable energy innovation - prime the green jobs market
		N6-I1	Recognition & education; best practice in renewables, awarenes raising, appropriate graduate programs for renewables
		N6-I2	Mandated renewable energy targets - meeting standards within industry sector
		N6-G1	Lead by example; Govt buildings 100% renewable energy
		N6-G2	Ban new coal mines & coal power solutions, phase out coal
		N6-G3	Accreditation for renewable professionals and trade
		N6-G4	Buy back tarriffs; Mandate % of Accredited GreenPower
		N6-C1	Local renewable energy production, reducing reliance on energy grid; Connect to Smart Girds to help self manage energy use
		N6-C2	Improve energy efficiency in domestic use.
N7	***Carbon tax and Global equitable allocation***	N7-E1	Model how the new system will work, provide options
		N7-E2	Lobbying & advocacy
		N7-I1	Respond & adjust; energy efficiency solutions
		N7-G1	Financial disincentive to pollute + financial incentive to reduce pollution
		N7-G2	Invest in distributed generation
N8	***Clean energy cluster - Innovative energy technologies***	N8-E1	Upskill, research groups, borrow skills, share practical examples
		N8-E2	Develop new technology for storage of intermittent energy sources
		N8-I1	Invest in clean energy - lead by example. Build skills for the future
		N8-I2	Co-generation; reduce waste heat, cost savings
		N8-G1	Policy & tax changes - eliminate fossil fuel subsidies, fund research, eliminate baby bonus
		N8-G2	Education politicians re Nuclear
		N8-C1	Reduce use of energy (eg. Air con.)
		N8-C2	Education of community - vote climate change skeptics out of parliament
		N8-C3	Practical action - solar panels on roof