

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.

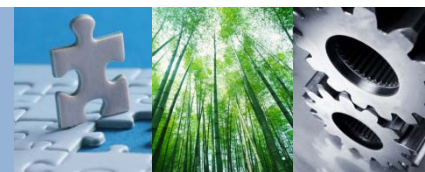
Next steps

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
 - o ***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 revegetation 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
N3 Reduce consumption	N2-C2 Financial penalties
	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, awareness 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 tariffs; Mandate % of Accredited GreenPower
	N6-C1 Local renewable energy production, reducing reliance on energy grid; Connect to Smart Grids 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

