

## SSEE Climate Code Red – Opportunities for Action Adelaide, 15<sup>th</sup> October 2009

### Meeting Outputs – Summary

The Climate Code Red workshop held at the Wine Centre in Adelaide on 15<sup>th</sup> October delivered the following outputs

### Opportunities

Key opportunities were identified as follows;

- A1** *Efficient transport*
- A2** *Urban infrastructure re-design (Transit Oriented developments)*
- A3** *Energy socialists – Ration/ quota*
- A4** *Government leverage*
- A5** *Mindset from Growth to Sustainability*
- A6** *Money matters – price signals*
- A7** *Coal fascists -*
- A8** *Carbon truth*

### 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.

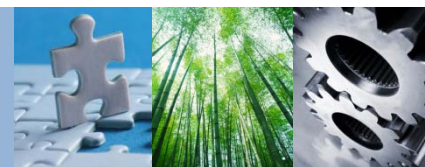
### Next steps

#### SSEE

- Workshops have been held in Perth, 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	
A1	<b>Efficient Transport</b>	A1-E1	Design energy efficient vehicles (trains, trams, buses, cars, monorails) new efficient materials, new fuels, engines to run on alternative fuels
		A1-I1	Build more efficient vehicles; less powerful cards
		A1-I2	Build more standard cars; less choice
		A1-I3	Ban all petrol powered motorsports
		A1-G1	Apply fees/ taxes to reduce car usage; entry to CBD, incr parking tarrifs
		A1-G2	Subsidise public transport - plan suburbs to create easier public transport access
		A1-G3	Policy to buy back old cars (cash for clunkers); tax less efficient cars; incr tax on new car purchase
		A1-C1	Reduce car use; car pooling; use bikes and walk instead of car
		A1-C2	Live close to workplace/ shops
A2	<b>Urban infrastructure redesign (Transit Oriented Developments)</b>	A2-E1	Develop and apply new needed skills in profession
		A2-E2	Urban planning for access to public transport, bikeways, covered walkways, communal bikes
		A2-E3	Learn from, invite and demonstrate successful cities to promote and educate for innovation
		A2-E4	Be proactive with Govt, offering specific skills
		A2-G1	Planning approvals; rezoning for mixed use development
		A2-G2	Incentives to developer (tax relief, planning concessions for above standards, energy efficiency)\
		A2-G3	Decentralised power grid design
		A2-C1	Educate community; demonstrate good examples done elsewhere
		A2-C2	Develop mixed use clusters (hub for shops, commerce)
		A2-C3	Communal activities (gardens, urban farms, recreation facilities)
A2-C4	Local grey water, recycling, etc		
A3	<b>Energy socialists - ration/ quota</b>	A3-E1	Establish standards for alternate energy sources
		A3-E2	Design monitoring and enforcement mechanisms that drive mitigation
		A3-I1	Increase efficiency - reduce energy output
		A3-G1	Implement policy and audit
		A3-G2	Establish non compliance consequences
		A3-C1	Reduce consumption
A3-C2	Increase efficiency and replace low efficiency products		
A4	<b>Government leverage</b>	A4-E1	Be more vocal in representing the problems and solutions to Government
		A4-I1	Increase accountability and penalties to pay for inefficiencies in energy & resource use.
		A4-G1	Fund renewable R & D
		A4-G2	Bit the bullet; listen to experts (like Prof Ian Lowe)
		A4-C1	Start with children because they influence parents; Education on env impact of our lifestyle
A5	<b>Mindset shift from Growth to Sustainability</b>	A5-E1	Educate on sustainability & LCA; arithmetic of growth, targets and standards
		A5-I1	Seek champion for new sustainability business model
		A5-G1	Implement policy and standards defining sustainability
A6	<b>Money matters price signals</b>	A6-E1	Raise awareness of price signals and price controls with Engineers & others. Encourage innovation
		A6-I1	Name & shame
		A6-G1	Carbon tax on GHG emissions to drive market response
		A6-G2	R & D Grants. Industry grants & tax breaks encouraging innovation
		A6-C1	Educate/ raise awareness about alternative energy sources. Stimulate political action
A7	<b>Coal 'fascists'</b>	A7-E1	Short term - Direct change over from Coal to Gas turbines
		A7-E2	Long term - locate energy production close to consumers
		A7-I1	Remove fear of change. Get industry out of their comfort zone
		A7-G1	Counteract the power of lobbying.
		A7-G2	Fund large scale renewable generation
		A7-C1	Incentive scheme. Gov fund on capital expense
		A7-C1	Broadly implemented feed-in tarrifs
		A7-M1	Education of actual numbers of jobs lost from coal sector
A8	<b>Carbon truth</b>	A8-E1	Research and provide facts on true carbon costs of everything
		A8-I1	Should embrace economic opportunities with low carbon marketing
		A8-G1	gC/100g labelling system, earth rating, black balloon rating
		A8-G2	Legislate appropriate costing of carbon on all goos and services

