

DRAFT CLIMATE CHANGE STRATEGIC PLAN AND A DRAFT PLAN TO SAVE NSW ENERGY AND MONEY – SUBMISSION FORM

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Is this a confidential submission?	No [Note: All submissions will be published on our website unless confidentiality is specifically requested]
Would you like to be kept up to date with the development of action plans?	Yes, please keep me updated.

Instructions

Thanks for taking the time to provide feedback on the [Draft Climate Change Fund Strategic Plan](#) and [A Draft Plan to Save NSW Energy and Money](#).

Please use this submission form template to comment on any of the specific potential actions in the draft two plans. There is a section at the end of the form where you can provide comment on the overall strategic approach we have taken.

We invite you to provide comment on each of the three priority investment areas in the *Draft Climate Change Fund Strategic Plan*. For each priority area, we are interested in:

- whether and how we should refine and deliver the potential actions identified
- whether there are other actions that should be considered to deliver the government's priority investment areas.

We have also asked more specific questions on the potential actions in *A Draft Plan to Save NSW Energy and Money*.

Note: You do not need to complete all the fields in the form: Feel free to comment on all of the potential actions, or only the ones you are most interested in.

The submission template is divided into four sections for targeted submissions:

1. Accelerating advanced energy
2. National leadership in energy efficiency (including *A Draft Plan to Save NSW Energy and Money*)
3. Preparing for a changing climate
4. General comments

Please upload your completed form online in Microsoft Word format [here](#). Submissions close at **5pm on 16 December 2016**.

1. Accelerating Advanced Energy

Please provide any comments on specific potential actions below:

Sections and potential actions	Questions	Responses
<p>2.1 Maximise investment under the national Renewable Energy Target</p> <ul style="list-style-type: none"> investigate a competitive 'contracts for difference' funding model to guarantee a minimum price for output from up to 250 MW of new large scale renewable energy, providing benefits to local communities build on the New South Wales 50 MW solar power purchase agreement (PPA) to expand PPAs to cover all of the renewable energy procurement commitment under the Government Resource Efficiency Policy support initiatives to make it easier for businesses, institutions and local government to buy electricity from renewable energy projects in New South Wales, such as WWF's 'Renewable Energy Buyers Forum' work with the COAG Energy Council to investigate minimum emissions performance standards for new power stations and the role of government in securing an orderly exit of the existing power station fleet advocate for stability and certainty in Commonwealth Government renewable energy policy sponsor energy market reforms to improve network connection processes. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>We would certainly support initiatives to make it easier for businesses, especially CALD small businesses (which constitute approximately 40%-60% of small businesses in NSW for example) to purchase electricity from renewable projects in NSW. Our research (see http://eccnsw.org.au/best.aspx for example) points to considerable enthusiasm from CALD small business for energy efficiency and environmental concern.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>CALD consumers (both domestic and small business) have specific and particular needs with respect to engagement and consultation. We have developed a set of guidelines, Cultural Connections:Engaging CALD energy consumers (http://www.eccnsw.org.au/What-we-do/Advocacy/Guidelines.aspx) based on a considerable body of work and a range of successful projects that detail successful methods of engagement and consultation with CALD communities.</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>CALD consumers (both domestic and small business) are typically less well informed and less engaged in the competitive energy market than other consumers for a variety of reasons, particularly in the advanced energy sector. (see research results at http://www.eccnsw.org.au/What-we-do/Advocacy/Consumer-Energy-Research-(1).aspx , http://www.eccnsw.org.au/What-we-do/Advocacy/Consumer-Energy-Research.aspx and http://www.eccnsw.org.au/best.aspx)</p> <p>There are a range of untried opportunities for informing and engaging CALD consumers in advanced energy scenarios, research and demonstration projects.</p>

<p>2.2 Attract investment in advanced energy demonstration projects</p> <ul style="list-style-type: none"> • support research and demonstration projects for emerging advanced energy technologies that could provide flexible electricity generation • support research and demonstration projects for renewable alternatives to natural gas and transport fuels in industrial applications, including concentrated solar thermal, biomass, electrification and hydrogen. 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?	Click here to enter text.
	Are there particular issues we need to consider to ensure these actions are effective?	Click here to enter text.
	Are there other opportunities for advanced energy we should be encouraging?	Click here to enter text.
<p>2.3 Provide start-up funding to accelerate innovation in advanced energy</p> <ul style="list-style-type: none"> • work with established business incubators to provide dedicated programs for entrepreneurs and start-ups developing, demonstrating and deploying clean energy and supporting technologies and services • sponsor energy innovation events to facilitate collaboration among universities, industry, government and investors • develop tools to share information, connect collaborators and promote energy innovation in New South Wales • monitor the development of technologies, community attitudes, price signals and share information to encourage investment and support market growth. 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?	Approximately one third of the population of NSW speaks a language other than English at home (2011 Census details) and research by ECC NSW has repeatedly shown that a considerable proportion of CALD consumers prefer to have communications presented in their own language. In the development of 'tools to share information' and 'monitor[ing]....community attitudes' it will be critical to ensure that appropriate mechanisms and processes are in place if meaningful engagement of CALD consumers is to happen. Again, the Cultural Connections document (http://www.eccnsw.org.au/What-we-do/Advocacy/Guidelines.aspx) provides information on successful and appropriate mechanisms for information transfer, engagement and consultation.
	Are there particular issues we need to consider to ensure these actions are effective?	See above

	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>CALD small business consumers have indicated and demonstrated an enthusiasm and willingness to engage with advanced energy options – they are currently limited by several factors, notably appropriate and trusted information sources, a lack of engagement by new energy product and service providers and ownership of the business premises.</p>
<p>2.4 Put the New South Wales vehicle fleet on the path to doubling energy productivity</p> <ul style="list-style-type: none"> • advocate for higher national fuel efficiency standards • investigate appropriate incentives to encourage the purchase of fuel efficient light vehicles and to retire inefficient vehicles, including through stamp duty and registration charges • provide the right 'real-world' information so that businesses and individuals can choose fuel efficient light and heavy vehicles • work with vehicle suppliers and clean energy providers to make zero emission and flexible fuel vehicles available to the New South Wales vehicle market • investigate and consider how the government could best invest in a fleet of electric vehicles, including for public transport, and charging infrastructure at government sites • investigate the case for public investment in electric vehicle charging infrastructure and the requirements for renewable energy power supply • review and extend the Green Truck Partnership approach to demonstrate new technologies for low-emissions light vehicles and freight (road, rail and other). 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>In the provision of 'real world information' care will need to be taken to do this in an appropriate way for CALD consumers – current growth in methods such as on-line and social media presence are considerably less effective than other methods in providing information to CALD communities. (again see Cultural Connections document http://www.eccnsw.org.au/What-we-do/Advocacy/Guidelines.aspx)</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Please see http://www.eccnsw.org.au/What-we-do/Advocacy/Guidelines.aspx</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>Click here to enter text.</p>

<p>2.5 Build capacity of local communities to deliver and own renewable energy</p> <ul style="list-style-type: none"> • build capacity in councils in regional areas to provide advice to their communities on advanced energy • sponsor energy market and financial regulation reforms through COAG to make it easier for community scale projects to connect to the grid and share their benefits • help community energy groups to share knowledge and experience with financing and delivery models to get community energy projects off the ground • deliver connection guides and business case guides for sustainable energy community and residential projects • investigate the best ways to encourage developers to share the benefits of renewable energy projects with the local community. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>We would reiterate comments made above about appropriate methods of information transfer, engagement and consultation with CALD consumers when 'deliver[ing] connection guides and business case guides'.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>See http://www.eccnsw.org.au/What-we-do/Advocacy/Guidelines.aspx and http://www.eccnsw.org.au/best.aspx</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>Click here to enter text.</p>
<p>2.6 Identify low-emissions pathways for emissions intensive sectors</p> <ul style="list-style-type: none"> • partner with researchers and industry to identify and assess the potential for heavy industrial sites to reduce emissions • work with industry to share knowledge of emissions reduction technologies and practices based on a 'learning by doing' approach. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>Click here to enter text.</p>
<p>2.7 Reduce emissions in NSW to support achievement of Commonwealth objectives</p> <ul style="list-style-type: none"> • Coal Innovation NSW continuing to support research into low emissions coal technologies and encouraging the development and implementation of these technologies, including investigating ways for coal mines to reduce their fugitive emissions, 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>Click here to enter text.</p>

<p>including via the Commonwealth Government's Emissions Reduction Fund</p> <ul style="list-style-type: none"> strengthen emissions-performance requirements and monitoring in land-use planning and major project-planning approvals processes advocate for Commonwealth, COAG and international action consistent with the Paris Agreement advocate for improvements to Commonwealth policy and programs to address key emissions sources in New South Wales such as agricultural production systems and transport support farmers and the agricultural industry to reduce emissions or enhance carbon sequestration and attract funding from the Commonwealth Emission Reduction Fund. 	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>Click here to enter text.</p>
<p>2.8 Make Sydney the Asia-Pacific's carbon market hub</p> <ul style="list-style-type: none"> seek to make Sydney the Asia-Pacific's carbon market hub by extending Sydney's financial and business infrastructure, scaling-up Sydney's carbon market workforce and encouraging international businesses to headquarter in Sydney. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>Click here to enter text.</p>
<p>2.9 Identify cost-effective pathways to reduce greenhouse gas emissions to achieve net zero</p> <ul style="list-style-type: none"> model emissions pathways and their economic impacts taking account of national and international carbon constraints and trends in both government policies and private sector action monitor and predict the impact of current and new policy initiatives on the state's emissions performance develop a plan for New South Wales to achieve net zero emissions. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to support our advanced energy transition?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there other opportunities for advanced energy we should be encouraging?</p>	<p>Click here to enter text.</p>

2. National leadership in energy efficiency

A *Draft Plan to Save NSW Energy and Money* provides a greater level of detail on some potential actions in the *Draft Climate Change Fund Strategic Plan*. There are more detailed consultation questions in italics with numbering corresponding to *A Draft Plan to Save NSW Energy and Money*.

Please provide any comments on specific potential actions from the *Draft Climate Change Fund Strategic Plan* **AND** *A Draft Plan to Save NSW Energy and Money* below:

Sections and potential actions	Questions	Responses
<p>3.1 Expand investment under the Government Resource Efficiency Policy</p> <ul style="list-style-type: none"> • support councils to upgrade public lighting and adopt the Government Resource Efficiency Policy. • implement government energy management and reporting systems to help agencies understand where and how to make energy savings • develop clean energy standards for new government funded infrastructure projects and investigate the best way to implement them 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?	Click here to enter text.
	Are there particular issues we need to consider to ensure these actions are effective?	Click here to enter text.
	Are there particular communities or industry sectors we should be targeting to improve energy efficiency?	Click here to enter text.
	Are there other opportunities for energy efficiency we should be encouraging?	Click here to enter text.
	<i>Q27: What is the best approach to develop higher sustainability and energy efficiency standards that can apply across a range of infrastructure types?</i>	Click here to enter text.
	<i>Q28: What are the best policy options to facilitate the installation of energy efficient public lighting?</i>	Click here to enter text.
	<i>Q29: What is the best way to support councils to apply GREP?</i>	Click here to enter text.
	<i>Q30: What is the best way to achieve energy and bill savings from hotels used by NSW Government?</i>	Click here to enter text.
	<i>Q31: Are there other ways to save energy through government procurement?</i>	Click here to enter text.

<p>3.2 Improve energy productivity for households and businesses</p> <ul style="list-style-type: none"> • accelerate energy efficient appliance standards under the national Greenhouse and Energy Minimum Standards program • consult on increasing the NSW Building and Sustainability Index (BASIX) targets for new homes to encourage industry innovation and best practice, and reduce energy bills • improve energy standards for new commercial buildings by advocating for new standards • investigate the introduction of energy standards for retail tenancies and common areas in apartment buildings. • partner with supply chains to improve the efficiency of the products available to end consumers. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?</p>	<p>CALD consumers place great faith in the GEMS program measures, particularly the minimum standards provisions and the star rating system, which they find easy to understand and they trust to give them reliable and independent information about energy and water efficiency.</p> <p>ECCNSW, along with a wide range of other consumer organisations (PIAC, ATA, SACOSS, VCOSS, TasCOSS, Choice, Uniting Care Australia, CUAC, Brotherhood of St Laurence) made strong recommendations during the review of the GEMS program in 2014, some of which were adopted in the final recommendations.</p> <p>Indeed, we have advocated for the extension of a 'GEMS' style approach to the new energy products and services market in a number of our submissions around regulation and development of emerging new energy markets. Star ratings, minimum standards and appropriate infographics provide trusted, easily understood and informative approaches to all consumers in an energy environment which certainly suffers from a serious consumer trust deficit.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>There are specific issues around CALD engagement and understanding, as indicated in earlier sections of this issues paper. Effective and successful information transfer, consultation and engagement with CALD consumers in both the domestic and small business spheres require precisely targeted and specific techniques.</p> <p>A 'GEMS' style program (with minimum standards, star system ratings, independent and trusted advice and information) for energy efficiency measures, coupled with the emerging new energy products and services sector would provide a valuable, trusted and easily accessible set of tools for all consumers, but especially for those consumers whose first language is not English and who have poor English language and literacy skills.</p>

	<p>Are there particular communities or industry sectors we should be targeting to improve energy efficiency?</p>	<p>ECCNSW research has shown considerable willingness by both domestic and small business consumers to engage in energy efficiency measures. The provision of information, consultation and engagement through recognised successful methods could provide relatively easily achievable gains in CALD consumer sectors which have thus far received little attention or success with energy efficiency approaches.</p>
	<p>Are there other opportunities for energy efficiency we should be encouraging?</p>	<p>Click here to enter text.</p>
	<p><i>Q8: What is the best way to keep BASIX standards up to date?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q9: How can better information on BASIX performance help consumers and industry to understand the benefits of better designed and more energy efficient homes?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q11: What is the best approach to achieve energy and bill savings from common areas and shared services in apartment buildings?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q12: Could the NSW Government achieve energy savings from precinct-scale developments, high-growth areas and by partnering with local government areas?</i></p>	<p>Click here to enter text.</p>

	<p><i>Q13: What would be the benefits and impacts of encouraging precinct-scale or local government area energy savings for new homes and other buildings?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q20: Reports indicate a 70% improvement on 2010 energy consumption levels deliver significant and cost-effective energy savings for new commercial buildings.</i></p> <p><i>What level of stringency increase should the NSW Government advocate for to deliver significant and cost-effective energy savings?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q21: What role, if any, could the NSW Government play to help businesses access private finance to help them adjust to improved energy standards for new commercial buildings?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q22: What other approaches could be taken to achieve energy and bill savings from commercial buildings?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q23: What are the potential benefits and impacts of this option?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q24: What other approaches could be taken to achieve energy and bill savings from large retail buildings?</i></p>	<p>Click here to enter text.</p>

	<p><i>Q25: What are the potential benefits and impacts of this option?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q34: What is the best approach for the NSW Government to support the acceleration and expansion of GEMS?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q36 Are there opportunities to enhance the national Energy Rating Label system that could deliver significant energy savings?</i></p>	<p>Click here to enter text.</p>
<p>3.3 Support industry to realise cost-effective energy productivity opportunities</p> <ul style="list-style-type: none"> • support large energy users to investigate energy savings opportunities. • support industry sectors to adopt best practice energy management practices 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there particular communities or industry sectors we should be targeting to improve energy efficiency?</p>	<p>Click here to enter text.</p>

	<p>Are there other opportunities for energy efficiency we should be encouraging?</p>	<p>Click here to enter text.</p>
	<p><i>Q14: What is the best approach to providing funding support to large energy users to prepare plans?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q15: The NSW Government could determine program participation by targeting a set a number of large energy users, or by setting an energy consumption threshold.</i> <i>What is the best approach to determine which large energy users could be included in a program?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q16: Payback periods or internal rates of return could be suitable ways to determine what makes a 'cost-effective' energy efficiency opportunity.</i> <i>What is the best approach to define 'cost-effectiveness'?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q17: Are there instances where large energy users should be exempt from preparing a plan? If so, under what circumstances?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q18: Is requiring energy management systems similar to those applied in Germany or the United States appropriate for large energy users in NSW?</i></p>	<p>Click here to enter text.</p>

	<p><i>Q19: Are there other initiatives or approaches that NSW should consider that could be effective in enabling large energy users in NSW to implement cost effective energy efficiency opportunities</i></p>	<p>Click here to enter text.</p>
	<p><i>Q26: What opportunities may be available to the NSW Government to further promote waste heat recovery?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q34: Are there opportunities for the NSW Government to work with the hot water industry to explore innovations that can save energy and money?</i></p>	<p>Click here to enter text.</p>
<p>3.4 Drive clean energy upgrades for rental households</p> <ul style="list-style-type: none"> • provide ratings for homes at the point of sale or lease to help renters and buyers know which properties would be cheaper to run and more comfortable to live in • improve energy performance of tenanted homes to make them more affordable and liveable for renters. • provide financial incentives and/or access to affordable finance for landlords to improve their properties to make them more energy efficient 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?</p>	<p>A mandated and regulated ratings system for homes could be a useful additional tool in consumers' choice. The tight (an expensive) sales and rental market in urban areas may mitigate the potential positives of a rating system as demand outstrips supply. To provide the ratings 'at point of sale or lease' would be far too late in the process and ratings would need to be an early and integral part of the mechanisms of sale and/or lease. 'Opt-in' or voluntary ratings system will have little effect in a heated housing market.</p> <p>Split incentives issues remain the stumbling block for tenanted homes. The generally poor energy efficiency of rental housing sets any process to address the split incentives problem further behind.</p>

<ul style="list-style-type: none"> investigate opportunities to work with other jurisdictions on common approaches to energy efficiency in rental properties. 	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there particular communities or industry sectors we should be targeting to improve energy efficiency?</p>	<p>The NSW Government has the opportunity to provide 'landlord' best practice in increasing the energy efficiency of the housing stock it owns in public housing or has access to through community housing initiatives. Building fabric upgrades, energy efficient appliances and heating and cooling upgrades are all excellent areas to demonstrate 'best practice' with the considerable benefits that will flow to the most vulnerable members of our community in that type of accommodation.</p> <p>Additional incentives for landlords to upgrade the energy efficiency of their buildings, through rebates, subsidies, reduced duties, tax incentives and the like could have profound effects on the quality of older housing stock in NSW.</p> <p>New builds should be subject to a boosted BASIX regime, which incorporates new energy products and services and a monitoring and evaluation process that ensures the effectiveness of the process, rather than the 'hands-off' checking (or lack thereof) that is the current mechanism.</p>
	<p>Are there other opportunities for energy efficiency we should be encouraging?</p>	<p>Click here to enter text.</p>

	<p><i>Q1: What are the best approaches to deliver a ratings program in a way that will drive implementation of energy efficiency and grow the market for energy efficient homes and upgrades?</i></p>	<p>There is little evidence that a voluntary ratings system for sales or lease would be effective. A voluntary program would have minimal impact on the majority of dwelling/business premises in Sydney, particularly so with current low vacancy rates and high sale prices. To ensure that energy efficiency becomes a major factor in housing choice will require a considerable shift in both consumer understanding and owner priorities: this will not happen on an opt-in basis in the current market for either sales or rental.</p>
	<p><i>Q2: What are the key attributes for a voluntary ratings program to be considered successful and justify transition to a required scheme?</i></p>	<p>See above</p>
	<p><i>Q3: The NSW Government has identified performance standards, technology standards, and an incentive program as potential approaches to improve energy efficiency standards for tenanted homes.</i></p>	<p>Mandated minimum standards and a ratings system to rank performance and technology levels would be a valuable addition to rental consumer information and choice, although a tight/expensive rental market will blur the distinctions between properties.</p> <p>A mixture of regulation and incentives will be needed to convince owners to upgrade energy efficiency in their properties. (see below)</p>

	<p><i>Q4: Housing stress includes rent and energy bill pressures.</i></p> <p><i>What are the best approaches to reduce energy bill pressures for tenants without increasing housing costs and why?</i></p>	<p>Energy efficient buildings provide comfort and lower energy costs for tenants.</p> <p>An energy supply system along the same lines as the provision of water to premises may be an option, with owners paying the fixed component (supply charges) of an energy connection and the tenant paying for useage. While this would create a 'one-off' increase in rental prices, there would be more incentive for tenants to work with owners to adopt energy efficiency measures and modifications to lower consumption charges. Owners could be subject to similar provisions to the 'pass through' process for water useage, whereby premises had to be signed off for basic energy efficiency in the same way that water efficiency needs to be for water useage costs to be passed on to tenants.</p> <p>Vulnerable consumers could then be in the 'water supply' position with respect to energy supply of not having an essential service turned off (ie no disconnection of supply). Such a system would necessitate a restructuring of the energy market mechanisms.</p>
	<p><i>Q5: On-bill financing and other innovative financing mechanisms could allow owners to share upgrade costs with tenants.</i></p> <p><i>What is needed to help landlords to improve the energy performance of tenanted homes?</i></p>	<p>(See above comments about shared upgrade costs.)</p> <p>Additional incentives for landlords to upgrade the energy efficiency of their buildings, through rebates, subsidies, reduced duties, tax incentives and the like could have profound effects on the quality of older housing stock in NSW.</p> <p>New builds should be subject to a boosted BASIX regime, which incorporates new energy products and services and a monitoring and evaluation process that ensures the effectiveness of the process, rather than the 'hands-off' checking that is the current mechanism.</p>

	<p><i>Q6: What are the best approaches to deliver a ratings program for tenanted homes in a way that will drive implementation of energy efficiency and grow the market for energy efficient homes and upgrades?</i></p>	<p>A successful ratings program would need to be readily accessible and easily understood. The use of a 'star system' would provide such a mechanism, one which could be used on a range of energy efficiency fronts; heating/cooling ratings, general energy efficiency, solar/storage options, HWS type and efficiency etc</p>
<p>3.5 Support vulnerable households to reduce their energy bills</p> <ul style="list-style-type: none"> • upgrade 15% more social housing by reviewing and expanding the Home Energy Action program, strengthening partnerships and developing innovative financing mechanisms. • as part of a review of energy concessions, the government will investigate the use of energy rebates and other innovative mechanisms to fund energy efficiency upgrades, taking account of community views • provide bill reduction advice that is tailored to the needs of vulnerable customers identified through better information. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?</p>	<p>See above cooments in 3.4.</p>
	<p><i>Q7: What are the key attributes for a voluntary ratings program for tenanted homes to be considered successful and justify transition to a required scheme?</i></p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there particular communities or industry sectors we should be targeting to improve energy efficiency?</p>	<p>See above cooments in 3.4.</p>
	<p>Are there other opportunities for energy efficiency we should be encouraging?</p>	<p>Click here to enter text.</p>
	<p><i>Q10: What is the best approach to help vulnerable households save energy and money?</i></p>	<p>See above cooments in 3.4.</p>

<p>3.6 Support small businesses to increase their energy productivity</p> <ul style="list-style-type: none"> invest in market capacity to deliver innovative energy efficiency products and services to small businesses and collect data to inform the Energy Savings Scheme continue to provide energy efficiency training to general business advisers. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?</p>	<p>Between 40%-60% of small businesses in NSW have a CALD relationship. ECCNSW research on several fronts points to the willingness and commitment of CALD small business owners to adopt energy efficiency measures. (see http://www.eccnsw.org.au/What-we-do/Advocacy/Consumer-Energy-Research-(1).aspx and http://eccnsw.org.au/best.aspx)</p> <p>The uptake of energy efficiency measures by CALD small business is to some degree related to cost and ease of implementation as well as ownership or otherwise of the premises. The most significant drivers found in this work, however, were in the provision of information in language and personal contact by bi-lingual educators, who were members of their own community.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>For CALD communities, see Cultural Connections:Engaging CALD energy consumers at http://www.eccnsw.org.au/What-we-do/Advocacy/Guidelines.aspx</p>
	<p>Are there particular communities or industry sectors we should be targeting to improve energy efficiency?</p>	<p>Click here to enter text.</p>
	<p>Are there other opportunities for energy efficiency we should be encouraging?</p>	<p>Click here to enter text.</p>
	<p><i>Q32: Are targeted incentives an effective way to deliver energy savings and kick-start new activities in the Energy Savings Scheme?</i></p>	<p>Click here to enter text.</p>
	<p><i>Q33: Are there more effective ways to grow and transform the market for energy efficiency products and services?</i></p>	<p>Click here to enter text.</p>
<p>3.7 Ensure that 40% of participants in the NSW Government clean energy program are in regional NSW</p>	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?</p>	<p>Click here to enter text.</p>

<ul style="list-style-type: none"> provide information on the business proposition for energy efficiency service providers in regional New South Wales such as a map of known energy efficiency opportunities. 	Are there particular issues we need to consider to ensure these actions are effective?	While the spread of businesses in regional NSW with a CALD background is poorly researched and documented, there will undoubtedly be sectors where there are significant proportions of businesses run by CALD community members. It will be important to recognise that effective information transfer, communication and engagement of these businesses can be facilitated by use of appropriate mechanisms.
	Are there particular communities or industry sectors we should be targeting to improve energy efficiency?	Click here to enter text.
	Are there other opportunities for energy efficiency we should be encouraging?	Click here to enter text.
3.8 Reduce peak demand through battery storage and other demand management measures <ul style="list-style-type: none"> engage with the COAG Energy Council to reform the National Electricity Rules to reduce barriers to broad based demand management advocate to the Australian Energy Regulator for greater implementation of demand management by network businesses jump start the demand management market during the current regulatory cycle with reverse auctions to reduce peak demand using technologies such as appliance demand response and battery storage work with network businesses and energy efficiency service providers to coordinate information required to target energy savings at grid constrained areas. 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?	ECCNSW supports efforts to reform the NER to reduce barriers to broad based demand management.
	Are there particular issues we need to consider to ensure these actions are effective?	Click here to enter text.
	Are there particular communities or industry sectors we should be targeting to improve energy efficiency?	Click here to enter text.
	Are there other opportunities for energy efficiency we should be encouraging?	Click here to enter text.
3.9 Identify energy efficiency measures that could double New South Wales' energy productivity <ul style="list-style-type: none"> establish an Energy and Resource Efficiency Research Hub in collaboration with the research 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to drive energy efficiency?	Click here to enter text.

<p>sector to build expertise in energy efficiency and support innovators to assess the performance of new products</p> <ul style="list-style-type: none"> • monitor and publish New South Wales energy use, energy savings and energy-efficiency sales data in collaboration with the energy services sector and the COAG Energy Council • research the design of programs that are more effective in influencing consumers and suppliers to save energy • provide funding to measure and verify energy savings in targeted industry sectors and technologies • investigate the introduction of an energy productivity target for New South Wales and the form that it could take 	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there particular communities or industry sectors we should be targeting to improve energy efficiency?</p>	<p>Click here to enter text.</p>
	<p>Are there other opportunities for energy efficiency we should be encouraging?</p>	<p>Click here to enter text.</p>

3. Preparing for a changing climate

Please provide any comments on specific potential actions below:

Sections and potential actions	Questions	Responses
<p>4.1 Ensure 100% of NSW Government agencies are taking action to manage their climate change risks</p> <ul style="list-style-type: none"> prepare best-practice guides, tools and targeted training to help government agencies identify and manage climate change risks support government agencies to meet their requirement to undertake initial climate risk assessments and develop appropriate responses develop a framework for reporting government agencies' adaptation initiatives to foster best practice build the capacity of land management agencies to enhance bushfire management and prevention. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to prepare New South Wales for the impacts of climate change?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there positive opportunities from climate change we should be targeting?</p>	<p>Click here to enter text.</p>
<p>4.2 Increase awareness of climate change risks in industry sectors and local governments</p> <ul style="list-style-type: none"> provide tailored information resources and updated climate change projections, including expanding the AdaptNSW website, on practical cost-effective ways to reduce risks for local councils and communities help the primary industries, energy and infrastructure sectors understand how they can respond to climate change risks and capture opportunities build capacity in coastal councils to respond to climate change risks build capacity in local councils and joint organisations to understand and coordinate local responses to climate change impacts. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to prepare New South Wales for the impacts of climate change?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there positive opportunities from climate change we should be targeting?</p>	<p>Click here to enter text.</p>

<p>4.3 Grow the adaptation services market</p> <ul style="list-style-type: none"> establish an adaptation innovation fund to support innovation and entrepreneurialism that could protect our local communities and provide export opportunities investigate the need for accreditation schemes and information hubs for professional services involved in climate change adaptation such as agriculture, emergency preparedness and health improve building standards and planning requirements to take into account the impacts of climate change investigate and develop rating systems to assess the climate resilience of residential and commercial properties and infrastructure. 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to prepare New South Wales for the impacts of climate change?	Click here to enter text.
	Are there particular issues we need to consider to ensure these actions are effective?	Click here to enter text.
	Are there positive opportunities from climate change we should be targeting?	Click here to enter text.
<p>4.4 Assist local communities to reduce their exposure to natural hazards</p> <ul style="list-style-type: none"> minimise the impacts of climate change on socially and economically disadvantaged urban, regional and remote communities through social impact investment for actions such as upgrading homes, community facilities and infrastructure assist in making private finance, such as resilience bonds, available for households and businesses to adapt to climate change through partnerships with the finance and insurance sectors support innovative pilot projects that demonstrate best practice adaptation and can be replicated in other regional communities or local government areas. 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to prepare New South Wales for the impacts of climate change?	Click here to enter text.
	Are there particular issues we need to consider to ensure these actions are effective?	Click here to enter text.
	Are there positive opportunities from climate change we should be targeting?	Click here to enter text.
<p>4.5 Increase canopy coverage in heat exposed suburbs and regional towns</p> <ul style="list-style-type: none"> implement a program of information, tools and funds for demonstration projects to improve green cover in our cities and regional towns investigate how to encourage the use of natural ecosystems to reduce the effects of climate change 	Do you have any comments on the actions we propose to fund through the Climate Change Fund to prepare New South Wales for the impacts of climate change?	Click here to enter text.
	Are there particular issues we need to consider to ensure these actions are effective?	Click here to enter text.

<p>on people, communities and infrastructure, for example through flood mitigation and preventing coastal erosion.</p>	<p>Are there positive opportunities from climate change we should be targeting?</p>	<p>Click here to enter text.</p>
<p>4.6 Improve understanding of climate change impacts in priority sectors</p> <ul style="list-style-type: none"> • update and enhance the state-wide climate projections developed with NARClIM, including projections for longer time periods and under different emissions scenarios • produce hazard maps and reports for key hazards, such as flood, bushfire, drought and heat, to help decision makers understand risks • co-fund new research on extreme climatic events, such as extreme rainfall or wind, to understand future risks as part of the NSW Adaptation Research Hub • co-fund new research into climate change risks and adaptation options for priority sectors, such as primary industries, health, water security and vulnerable communities, as part of the Adaptation Research Hub • identify risks to critical public infrastructure, such as energy, water, transport and health infrastructure and options to manage these future risks. 	<p>Do you have any comments on the actions we propose to fund through the Climate Change Fund to prepare New South Wales for the impacts of climate change?</p>	<p>Click here to enter text.</p>
	<p>Are there particular issues we need to consider to ensure these actions are effective?</p>	<p>Click here to enter text.</p>
	<p>Are there positive opportunities from climate change we should be targeting?</p>	<p>Click here to enter text.</p>

4. General comments

This section provides an opportunity for any general comments on the overall strategic approach of the *Draft Climate Change Fund Strategic Plan AND A Draft Plan to Save NSW Energy and Money*.

Questions	Responses
The government is interested in your feedback on whether and how we should refine and deliver the potential actions identified.	Click here to enter text.
The government is interested in your feedback on whether there are other actions that should be considered to deliver the government's priority investment areas.	Click here to enter text.