



A2EP – 2xEP Energy Productivity Summit
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Australian National Maritime Museum
Darling Harbour, Sydney

Session 08

2xEP & governments: Policy and programs

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Doing more. Using less.

2xEP Energy Productivity Summit

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Energy Efficiency in NSW

Overview of current initiatives



NSW initiatives to boost energy efficiency (I)

➤ Energy Savings Scheme (ESS, 2009)

- financial incentives for businesses and households to invest in energy savings projects by installing, improving or replacing equipment
- legal obligation on ESS participants (mainly electricity retailers) to obtain and surrender energy savings certificates

ESS expansion (2015)

- scheme extended to 2025
- energy savings target raised by 70% (8.5% of electricity sales from 2019)
- expanded to include gas savings

➤ Target to save 16,000 GWh (2011)

- equivalent to the annual consumption of more than 2.6 million NSW homes

NSW initiatives to boost energy efficiency (II)

➤ Energy Efficiency Action Plan (EEAP, 2013)

- assist businesses and households to realise annual energy savings of 16,000 GWh by 2020
- support 220,000 low income households to reduce their energy use by up to 20% by 2014
- deliver building retrofit programs so 50% of commercial floor space achieves a 4-star NABERS energy and water rating by 2020

➤ Related policies / programs

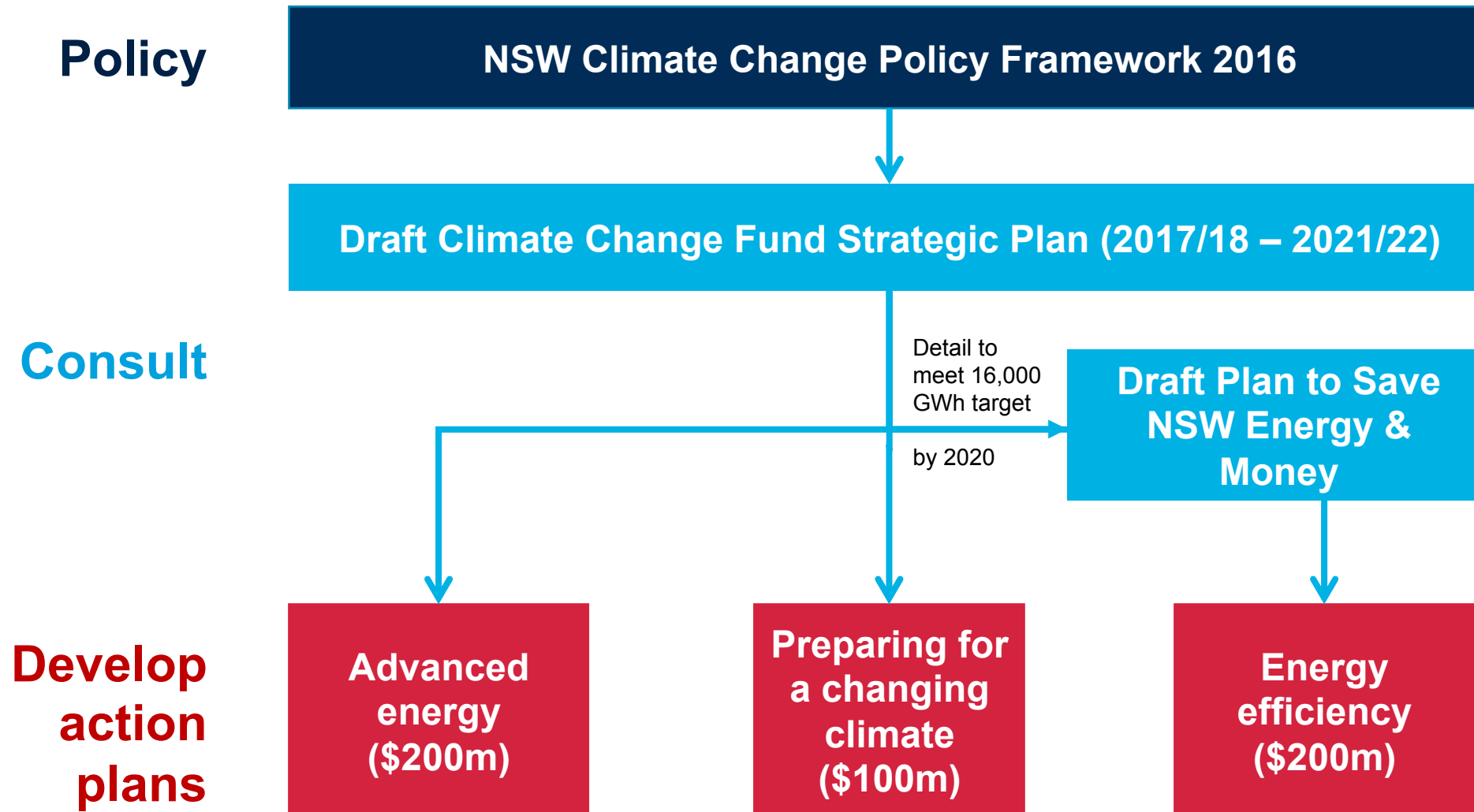
- Building standards (BASIX)
- Environmental Upgrade Agreements (EUAs)
- Government Resource Efficiency Policy (GREP)
- Programs such as Sustainability Advantage, Green Globe Awards

Action Plan Snapshot

What the future holds



\$500m Environmental Future Funding package



Energy efficiency – proposed consultation actions

Households

- home energy ratings
- minimum standards rental properties
- expanded support for energy efficiency in vulnerable households

Government

- grants for councils to upgrade public lighting



Energy efficiency – proposed consultation actions

Businesses

- support top 500 large energy users to improve energy management
- financial incentives to support energy efficiency in up to 16,000 small to medium businesses

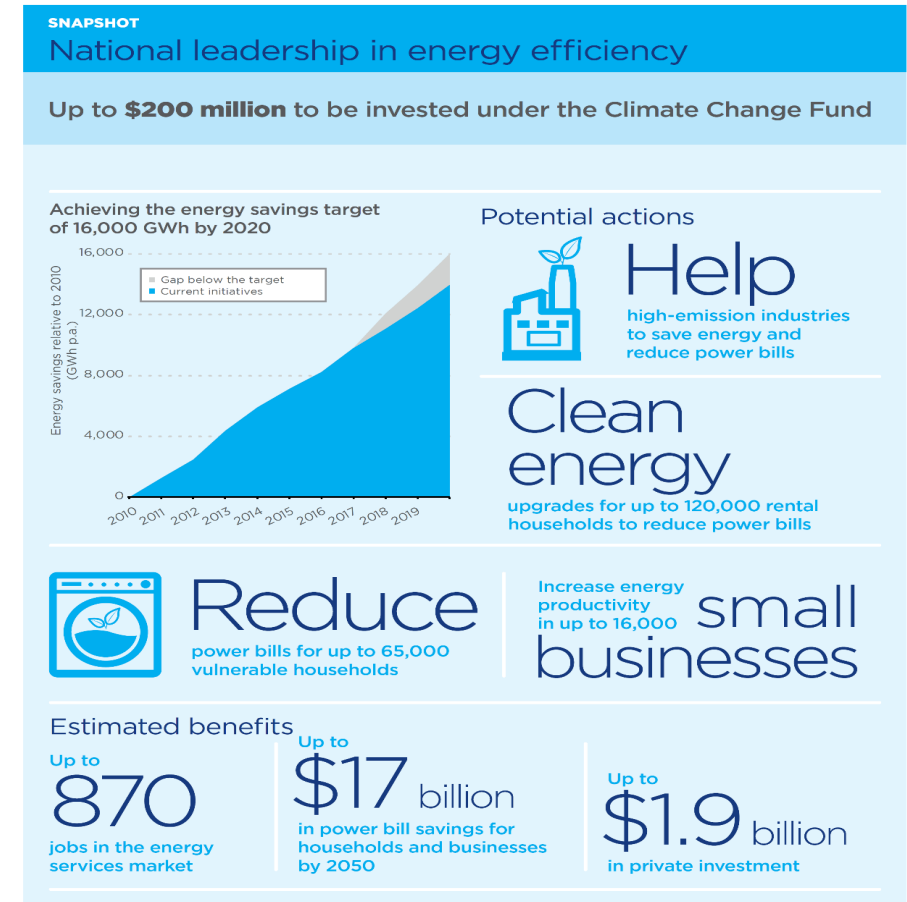
Market

- jump start the demand management market
- accelerating national appliance standards



Energy Efficiency Indicative Outcomes based on consultation actions

- Up to \$17m in bill savings for households, businesses and industry by 2050
- Up to \$1.9b in private sector investment by 2025
- Up to 870 jobs in the energy services market by 2025



Vehicle Efficiency- proposed consultation actions

- Investigate incentives to encourage the purchase of fuel efficient light vehicles
- Work with vehicle suppliers and clean energy providers to make zero emission and flexible fuel vehicles available
- Investigate and consider how the government could best invest in a **fleet of electric vehicles**
- Investigate the case for public investment in electric vehicle charging infrastructure.



Conclusion



Conclusion

- NSW has strong policy responses and program measures in place to support energy efficiency
- Climate Change Fund, the Energy Savings Scheme and related policies and programs are powerful tool to drive energy productivity
- We expect to release a new energy efficiency action plan later this year
- We recognise there are more opportunities in energy productivity and have committed to investigating this as part of the NSW Government's Climate Change Policy Framework

