# NATIONAL ENERGY PRODUCTIVITY PLAN - the way forward

Sarea Coates Energy Productivity Policy 24 February 2016

## National Energy Productivity Plan (NEPP)

Improving Australia's energy productivity means more value from the energy we consume.

Energy productivity

economic output (GDP) energy used (PJ primary)



WHY improve energy productivity?



WHAT are our goals?



HOW will we get there?



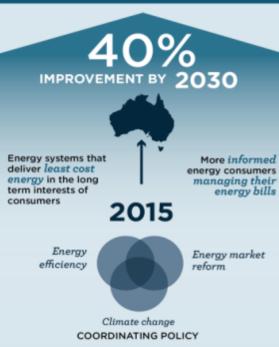
Boosting competitiveness and growth

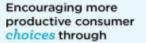


Helping families and business manage their energy costs



Reducing greenhouse gas emissions





- · efficient incentives
- · empowering consumers
- · helping business compete











Promoting more productive energy services through

- · innovation support
- · competitive modern markets
- · consumer protections













### National Energy Productivity Plan - Measures

This work plan covers the first steps in the 15 year life of the NEPP and will be continuously updated. A range of metrics to measure outcomes will be developed and reported annually.

New COAG Energy Council

New Commonwealth

New all-governments

#### Encouraging more productive consumer CHOICES

#### EFFICIENT INCENTIVES

- Transition to cost-reflective pricing
- Market mechanisms to capture societal benefits

#### EMPOWERING CONSUMERS

- · Make choice easier
- Support best practice services for vulnerable consumers
- · Improve residential building energy ratings and disclosure

#### HELPING BUSINESSES COMPETE

- Help business self-manage energy costs
- Recognise business leadership and support voluntary action
- Research business benchmarks and success factors
- Expand commercial building ratings and disclosure
- Improve fuel efficiency in aviation and maritime sectors
- Reduce barriers to financing
- Improve energy productivity in government

#### Promoting more productive energy SERVICES

#### INNOVATION SUPPORT

- Support innovation and commercialisation
- Improve light vehicle efficiency
- Drive innovation in transport and infrastructure systems
- More liveable, accessible and productive cities
- · Promote leading practice
- Collaborate internationally

#### COMPETITIVE MODERN MARKETS

- · Emerging technologies in the electricity system
- Deliver a Gas Supply Strategy
- · Reform governance to keep pace with change
- Develop an Energy Use Data Model for better planning
- Competitive smart meter rollout
- · Improve the exchange of market data
- Build service provider capacity
- · New market mechanisms for demand response
- Promote competitive retail markets in electricity and gas
- Monitor the wholesale market
- · Adopt National Frameworks

#### CONSUMER PROTECTIONS

- Deliver a new Equipment Energy Efficiency (E3) prioritisation plan
- Advance the National Construction Code
- Improve compliance with building energy efficiency regulation
- Review the National Energy Customer Framework for disruptive technologies
- Review Fuel Quality Standards Act

# **OUTCOMES IN 2016 INCLUDE:**









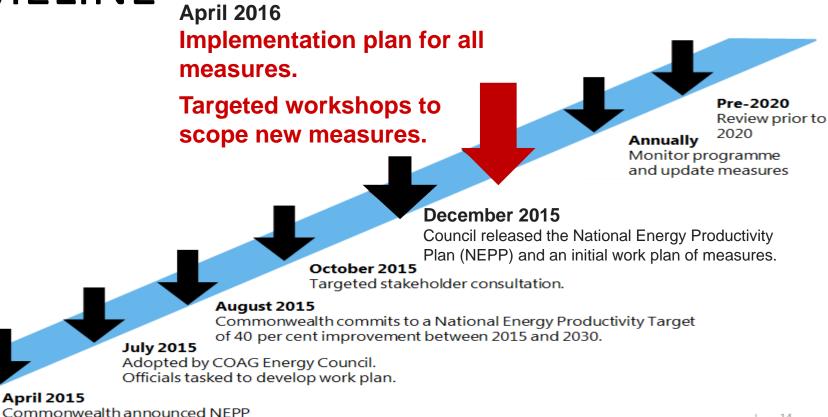
COMMONWEALTH OPERATIONS POLICY

RESIDENTIAL BUILDING DISCLOSURE

# TIMELINE

April 2015

as part of the Energy White Paper.



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