



Australian Alliance to Save Energy (A2SE) Newsletter – October 2015

2xEP and the National Energy Productivity Plan (NEPP)

A2SE lodged a comprehensive [submission](#) on behalf of the 2xEP Steering Committee with officials working on the NEPP. The [2xEP Steering Committee](#) and its [working groups](#) considered potential measures across key end use sectors. We focused on measures supported by business that could significantly lift energy productivity. We acknowledge the great work put in at short notice by many people to get the submission lodged in time. The [National Energy Productivity Plan](#) is a project of the [COAG Energy Council](#). The Council will consider a draft Plan in December. The Council will consider a target improvement of 40% (from a 2015 base (~ 60% from 2010 base)).

The 2xEP Steering Committee continues to argue that a doubling target (2xEP) is more appropriate as it will:

- Improve the global competitiveness of Australian business. Analysis by A2SE and ClimateWorks Australia shows that Australia lags competitors on measures of energy productivity and will fall further behind unless effective action is taken urgently. 2xEP can be achieved with existing technology; much greater improvements are likely to be feasible due to advances in technology over the next 15 years.
- Save energy consumers \$30 billion/year by 2030.
- Help to achieve the current national target of reducing greenhouse gas emissions by 26% by 2030.
- Drive 2.7% GDP increase by 2030.
- Reduce oil imports and improve supply security.

2xEP Sector roadmaps

The next phase of work in the 2xEP program is the development of roadmaps for achieving 2xEP across the economy (if not uniformly in each sector). The focus will continue to be on business-led initiatives, complemented by changes in policy at federal and state levels and collaborative actions between business and government (such as investment and research). The working groups and roadmaps cover agriculture, the built environment, manufacturing, mining, passenger transport and freight transport. Background to the sectors and the working groups is available [here](#). Your participation is welcome. Drop a line to 2xEP@A2SE.org.au.

Americans set the course to double energy productivity

A detailed roadmap for doubling energy productivity in the US was released at a summit in mid- September. The project is a joint venture of the US Department of Energy, Alliance to Save Energy, Council for Competitiveness and Berkeley Lab. The roadmap covers transport, buildings, manufacturing, the energy/water nexus and financing.

[*Accelerate Energy Productivity 2030: A Strategic Roadmap for American Energy Innovation, Economic Growth, and Competitiveness.*](#)

US Energy Secretary, Eric Moniz, released this [statement](#). Alliance to Save Energy President, Kateri Callahan, issued this [statement](#).

A2SE joins call for G20 leaders to promote global energy productivity

We joined with more than 40 other organisations from 18 countries in a call for G20 finance ministers to prioritise investment in energy productivity ahead of the G20 leaders' meeting in November. This project was coordinated by E3G. The statement is [here](#). The media release is [here](#).

Energy efficiency reducing energy bills more than the EU's annual fuel import bill, IEA

Energy efficiency improvements since 1990 in IEA member countries saved over USD 550 billion in energy expenditure by 2014 – larger than the European Union's annual fuel import bill. In the [Energy Efficiency Market Report 2015](#), the IEA states that since 1990, energy efficiency improvements have generated over \$5.7 trillion in avoided energy expenditure in the IEA's 29 member countries. Energy efficiency is a “virtual supply of energy, meeting energy services for business and consumers while reducing their energy costs.”

Emissions Reduction Fund: Arrangements for safeguard mechanism now finalised

Following community consultation the final element of the ERF is in place and will become effective from July next year. The legislation and rules for the mechanism are settled. *The safeguard mechanism will protect taxpayers' funds by ensuring that emissions reductions paid for through the crediting and purchasing elements of the Emissions Reduction Fund are not displaced by significant increases in emissions above business-as-usual levels elsewhere in the economy.* Recently, Minister Hunt confirmed that there are no plans to change these rules in the light of the change of Liberal leadership. More information [here](#).

ClimateWorks Australia

A report recently published by ClimateWorks Australia [Energy Management and Company Competitiveness](#) finds that 72% of surveyed companies spend more than 10% of EBITDA on energy and that the most exposed firms could increase EBITDA by around 5% if they improved energy performance to best practice.

Forthcoming... National Energy Efficiency Conference

Presented in Melbourne 17 & 18 November by the Energy Efficiency Council. A great line up of speakers and topics *and* the annual awards. Two masterclasses are on offer: *metering and sub-metering* and *making the case for energy efficiency in your business*. Program and registration detail [here](#).

Global renewable energy capacity to increase by 700 GW over next 5 years, IEA

With costs falling and emerging economies stepping into the game, the International Energy Agency is predicting renewable energy capacity additions to grow 700 GW over the next five years. <http://www.eceee.org/all-news/news/news-2015/2015-10-05f>

Summer Study on Energy Productivity – February 2016, Manly

A joint venture between A2SE and the Institute for Sustainable Futures, the next Summer Study will be presented over three days early next year. The program is well developed, keynote speakers have been confirmed, registration is open (and discounted until 11 December). More information is available [here](#).

2xEP has its own website at 2xep.org.au

The site holds background material, sector overviews and summaries, links for contact.

Comments and contributions are welcome.



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