

4E BRIGHTspark

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EFFICIENT EQUIPMENT NEWS

4E is a multi-governmental initiative established in 2008 to support the development of policies for energy efficient equipment. BRIGHT SPARK is produced by the IEA Technology Collaboration Programme for Energy Efficient End-use Equipment (4E) on behalf of member governments, Australia, Austria, Canada, Denmark, France, Japan, Korea, The Netherlands, Switzerland, Sweden, UK, USA.



Follow 4E on Twitter @IEA_4E to get the very latest information on our activities, publications and events. This twitter account can also be followed by clicking the link on the 4E website.



What role does 4E perform?
Who is involved in 4E and how
is it structured? These and many

other questions are answered in 4E's latest video accessible from the 4E website.



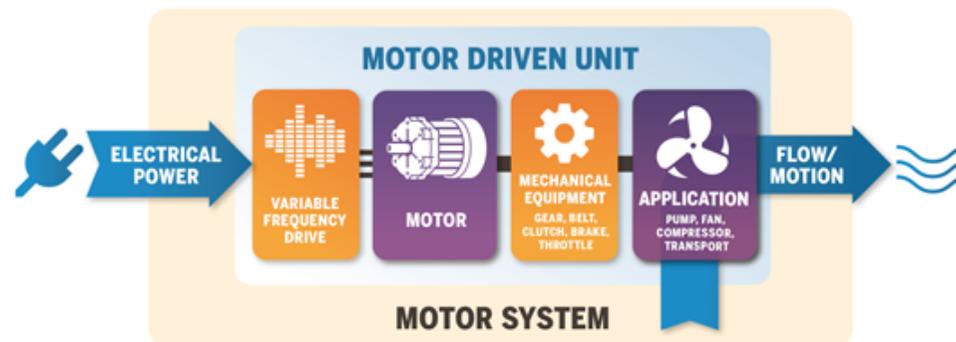
The performance of common domestic water heater technologies used by major economies around the world is compared in 4E's unique new international benchmarking study. In the first of its cross-fuel comparisons, the report finds that no one country has the best performing products across all water heater types, but shows that all countries have the potential to make sometimes very large savings. □

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POLICY GUIDELINES

for pumps, fans and compressors

The first stage of a major study on options for increasing the international alignment of standards and energy efficiency regulations for motor driven units was released in October 2016, with the second stage already well underway. This initial report describes the range of existing national policies covering pumps, fans and compressors and identifies how they vary.



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[DOWNLOAD SUMMARY](#)

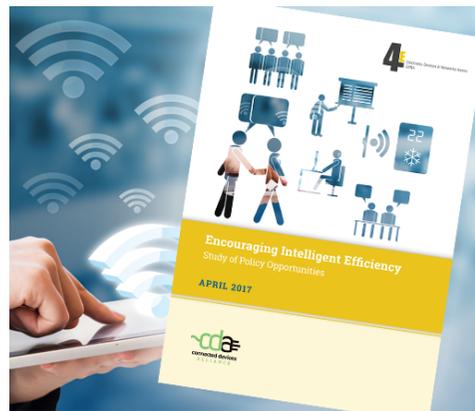


LED performance tiers track **technology improvement**

Seven new and updated voluntary performance tiers for solid state lighting have been released by the 4E SSL Annex. These tiers have been developed as guidance for voluntary and mandatory programs such as public procurement, bulk purchase and MEPS, and are updated periodically to keep pace with the rapid innovation in LED technology.



[VIEW PERFORMANCE TIERS](#)



Policies to drive efficiency, intelligently

Digitalization is being seen by many as the pathway to dramatic improvements in energy efficiency and the key means to achieving international climate goals. The role of government policies in helping to deliver 'Intelligent Efficiency' gains is explored in this new study by 4E's Electronic Devices and Networks Annex (EDNA).

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4E Annual Report 2016

Giving a full description of the full range of 4E activities during 2016, the Annual Report provides an insight into the highly successful 12 months when 4E played a significant role raising the profile of energy efficiency.

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WATCH OUT FOR THESE 4E ACTIVITIES

The Role of Voluntary Agreements

Many jurisdictions look to Voluntary Agreements (VAs) as an alternative mechanism to regulations to reach similar policy objectives, however up until now there has been little analysis of this potential important policy tool. **A new study to be published by 4E in mid-2017** will examine the effectiveness of VAs in improving the energy

efficiency of appliances and equipment, summarise the essential elements of the more successful voluntary agreements and identify lessons learned.

Capacity Building: New SSL interlaboratory comparison

In 2012-13, 110 laboratories from around the world took part in the ground-breaking interlaboratory comparison program run by the 4E SSL Annex. Now the Annex has announced a new global program to improve the quality of laboratory testing for LED lighting products. Although formal registration will not begin until June 2017, expressions of interest are now invited from photometric labs.

[CLICK HERE](#) for further information.

FORTHCOMING EVENTS

Promoting Energy Efficient ACs and Low-GWP Refrigerants: Policy and Technology Approaches

WEBINAR: SEAD Policy Exchange Forum • 11 May 2017

This webinar is aimed to provide substantive information on the most recent developments in AC and refrigerant policies and technologies, and is open to attendees from government, industry and civil society.

CLICK BELOW for the draft agenda, the overview document and registration details.

[LEARN MORE AND REGISTER](#)



ECEEE Summer Study

Presqu'île de Giens, France • 29 May - 3 June, 2017

This year's Summer Study aims to reach beyond reducing energy intensity, increasing productivity and optimising resource use, to explore the critical elements of a sustainable society that addresses sufficiency and limits.

[LEARN MORE AND REGISTER](#)



EEDAL '17

Irvine, CA, USA • 13-15 September 2017

This will be the 9th International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL) which attracts a broad group of stakeholders dealing with residential appliances, equipment, metering and lighting (including manufacturers, retailers, consumers, governments, international organisations and agencies, academia and experts).

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