

4^EBRIGHTspark

ISSUE 7 // DECEMBER14

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 Implementing Agreement 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.

NETWORK STANDBY CHAMPIONED BY G20 LEADERS



Following the release of ***More Data, Less Energy*** and forecasts that up to 50 billion devices may be connected to networks by 2020, G20 leaders have endorsed network standby as one of the six key initiatives under the G20 Energy Efficiency Action Plan.

Led by the UK Government, a collaboration of 4E, SEAD and the IEA will establish an international cooperation platform to respond to the G20 2014 call for action to work towards reducing the energy demand of networked devices.

[LEARN MORE](#)

RECENT HIGHLIGHTS

GOVERNMENTS AND INDUSTRY FOCUS ON SMART APPLIANCES

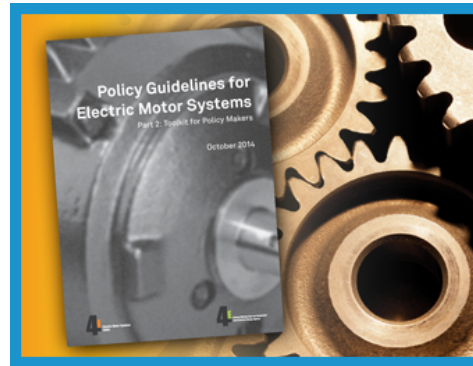


The International Roundtable of Household Appliance Manufacturer Associations (IRHMA) and 4E members have pledged to work together to address the “energy cost” of appliance connectivity at a recent 4E meeting in Korea.

“Smart appliances offer lots of opportunities for home energy management and automation,” says Hans-Paul Siderius, Chair of EDNA, **“but its clear that we also need smart policies to make the most of these.**

“Industry engagement is vital because the technology is complex and the market is unclear, and 4E is therefore delighted to be able to liaise on a global level with the newly-formed IRHMA.”

[VIEW WORKSHOP COMMUNIQUÉ](#)



Transforming the motor market

EMSA's new Policy Guidelines provide a toolkit for governments keen to stimulate markets for efficient motor systems. This comprehensive guide to successful policy implementation showcases best practice policy examples from all over the world, including initiatives designed to mobilise the efforts of international and national standards makers, industry associations, industrial users and power utilities.

“The sharing of information and approaches not only allows policy makers to better understand the options available, but enables them to learn the lessons from previous policy implementation, thereby reducing implementation risks and costs.”

[DOWNLOAD FREE PUBLICATION](#)



LEDs get a clean bill of health

Solid State Lighting technology is not expected to have more direct negative impacts on human health compared with other lighting technologies. This conclusion follows a thorough examination of published research by the 4E SSL Annex.

“The study evaluated electrical risks, exposure to electromagnetic fields, glare, photobiological hazards, light flicker and non-visual effects of light.”, says Dr. Peter Bannich, chairman of the SSL Annex. **“It gives decision makers important information that they can use in determining policies for LED lighting.”**

[DOWNLOAD FREE PUBLICATION](#)



Tapping into multiple benefits

A new IEA publication highlights the positive economic and social impacts resulting from energy efficiency, in addition to the reduced demand for energy.

The report cites evidence that energy efficiency can stimulate economic and social development, enhance energy system sustainability, contribute to environmental sustainability and increase prosperity; and that these benefits can outweigh the value of energy savings by 2.5 times.

Building a compelling case for more and better policies to encourage energy efficiency, the report notes that without these two-thirds of the energy efficiency potential will be lost.

“Including the value of multiple benefits alongside traditional benefits has shown energy efficiency measures delivering returns as high as €4 for every €1 invested”

*Maria van der Hoeven,
Executive Director • International Energy Agency*

[LEARN MORE](#)

“ **Some people call energy efficiency low-hanging fruit.** I would even say energy efficiency is fruit lying on the ground. We only need to **bend over and pick it up.** ”

*Harry Verhaar,
Head of global and public affairs at Philips Lighting*



Read our [privacy policy](#).

Copyright © 2014 Energy Efficient End-use Equipment. All rights reserved.