
GLOBAL ENERGY EFFICIENCY ACTION INITIATIVE

A proposed action
initiative for launch at the
G8 Summit



INTERNATIONAL ENERGY AGENCY



Summary

This paper proposes that the 2009 G8 Summit launch an ambitious 2-year “Global Energy Efficiency Action Initiative” (*GEEA Initiative*). The aim of the initiative will be to achieve maximum implementation of energy efficiency. This will be achieved by providing:

- Involve conducting a **series of 10 regional and thematic technical capacity building seminars** targeting officials and relevant private sector stakeholders involved in the technical details of energy efficiency policy development, implementation and evaluation.
- Involve conducting a series of **10 regional and thematic information-dissemination seminars for high-level decision makers and politicians**.
- Establish a **technical assistance centre [hotline]** based at the IEA.
- a **report to the G8 Summit in France in 2011** on achievement of GEEA Initiative goals.

The imperative to act now and implement energy efficiency

The imperative to promote energy efficiency remains a priority for all governments. Recent meetings of G8 Heads of State (2005 Gleneagles, 2006 St Petersburg, and 2007 Heiligendamm) reaffirmed the critical role that improved energy efficiency can play in addressing energy security, and environmental and economic objectives.

Leaders at these meetings, and other high-level energy and environment events, have declared an intention to take more active measures regarding energy efficiency. For example, the G8 noted in their Gleneagles Communiqué that they will “... *promote innovation, energy efficiency, conservation ...*”. At the meeting of the IEA Governing Board at the Ministerial Level in May 2005, the Ministers committed themselves to “*stronger actions now to curb our growing energy import dependence... including through increased energy efficiency measures*”. Later they put it even more plainly by stating, “*We commit to reinforcing our efficiency effort*”.

The IEA program of work includes a number of activities aimed at assisting countries to improve their energy efficiency. One of these activities resulted in the development of 25 energy efficiency policy recommendations. These recommendations were presented to G8 leaders in Hokkaido Toyako, 2008. Acknowledging the need for urgent action, G8 leaders committed to “*maximising implementation*” of the IEA 25 recommendations.

Many countries have begun the process of implementing energy efficiency policies. Indeed, action in some countries has been impressive. However, more needs to be done. **It has become clear that many countries require technical assistance to understand the details of what is required to implement energy efficiency policies.** This need for capacity building on energy efficiency policy implementation applies to IEA as well as emerging and developing economies. An initiative to assist countries with their implementation of energy efficiency policy (including recommendations developed by the IEA and others such as the UN Foundation) is urgently needed if the pressing energy environmental and economic development goals are to be achieved.



Global Energy Efficiency Action Initiative (GEEA Initiative)

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The IEA proposes that a key output from the G8 Summit could be Global Energy Efficiency Action Initiative (*GEEA Initiative*) that would be tasked to the IEA Secretariat for implementation. If IPEEC countries want, GEEA initiative could be conducted under IPEEC. This initiative would:

- Involve conducting a series of 10 regional and thematic technical capacity building seminars (covering Africa, Asia, North America, South America, Europe, Middle East and Oceania) over the period of the Initiative. These seminars would target officials and relevant private sector stakeholders involved in the technical details of energy efficiency policy development, implementation and evaluation. The aim would be to train these officials and stakeholders in the technical aspects of energy efficiency policy implementation.
- Involve conducting a series of 10 regional information-dissemination seminars (covering Africa, Asia, North America, South America, Europe, Middle East and Oceania) for high-level decision makers and politicians. The seminars would aim to build the case for energy efficiency implementation among key decision makers across the broad spectrum of sector interests. The aim of this seminar would be to communicate the need to implement energy efficiency policy, the cost-effectiveness of such policy and the range of options available for achieving significant energy efficiency improvements.
- Establish a technical assistance centre [hotline] based at the IEA to provide real-time advice and assistance on energy efficiency policy development to officials from all countries.
- Report back to the 2011 G8 Summit in France regarding progress in achieving GEEA Initiative goals as well as in global energy efficiency policy implementation and energy efficiency improvement.

Resource implications

Rough estimates for implementing the GEEA Initiative is in the order of no more than €800 000 per year for two years.

Training seminars:

Travel and accommodation (20 seminars x 5 trainers) x €6,500/trainer	€650 000
Trainer time (5 trainers x €1300/day x 20 2-day seminars)	€260 000
Materials	€26 000
Total	€936 000

Technical training Centre:

1 x A4 + B4 time x 2 years	€650 000
Total for 2 years	€1 586 000
Total per year	€793 000

