

# The Top Ten Energy Efficiency Best Practices and Best Available Technologies Task Group (TOP TENS)

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# Top Tens -Overview

- The TOP TENS Task Group **showcases** the best available energy efficiency technologies and practices in use by businesses today in participating countries. Task group members do so by developing two types of lists: Top Ten Best Available Technologies (**BAT**) and Top Ten Best Practices (**BP**).

# Top Tens -Objectives

## ➤ The **objectives**

of BATs and BPs lists is to show to businesses and policy makers the practical and scalable energy savings solutions currently available and to support the accelerated uptake of innovative energy savings solutions.

# Top Tens -Contents

## ➤ The BAT and BP lists **feature**

leading energy savings approaches and include information and case studies on the technology or practice, and where and how they are used. Examples of technological solutions highlighted in the inaugural lists include co-generation, use of heat pumps and recovery of industrial waste heat. Practices include ‘just-in-time’ and zero energy office building activities amongst others.

# Top Tens-Activities

## ➤ Research:

**Further optimised methodology** by developing consistent criteria to compile, evaluate, update and promote the implementation of findings.

## ➤ Collaboration:

Conducted **regular meetings of the Task Group**, and secured one new member (South Korea).

# Top Tens-Methodology

## ➤ Recent developments:

Technical experts from member countries have developed **the initial TOP TENS methodologies** which have been used to assess a wide range of energy savings approaches in the industrial and buildings sectors. Criteria for the methodologies include, for example: energy savings potential; reliability; payback period and level of innovation.

# Top Tens –Top Tens List

## ➤ Recent developments(Continued):

Members have developed **the first round of their national TOP TENS BAT and BP lists**. These include: China, Japan, Australia, the United States and France. The Task Group has also developed **its inaugural International TOP TENS BAT and BP lists**, which combine the lists of the initial member countries and highlights the wide range of opportunities in the industrial and buildings sectors around the world.

# Top Tens –Way forward

## ➤ Recent developments(Continued):

**Future TOP TENs lists** will cover other sectors, such as transport and public services. Members will select the sector or sectors they would like to feature and will collaborate on updating the methodologies for each new sector. The Task Group will also look at developing new International BAT and BP lists. TOP TENs welcomes new public-private partnerships to enable joint research on optimizing methodologies, facilitating the dissemination of the TOP TENs lists, and improving market uptake of BATs and BPs.

# Top Tens -Membership

## ➤ Membership:

**Leading members:** Australia and China.

**Participating members:** Canada, France, Japan, Republic of Korea and the United States and new

member Brazil.

**Hoping to be a member:** ACE (ASEAN Centre for Energy)

Thank You.

# <reference>Top Tens-G20 EELP statements

## 4.8.3 Planned work

In 2016 and beyond, the TOP TENS Task Group is expanding its focus by:

1. Promoting the Domestic and International TOP TENS Lists through such avenues as the websites and social media of the IPEEC and member countries, developing communication materials for companies and policy makers on the purpose of the lists and how to use them effectively to promote energy savings;
2. Preparing guidelines for TOP TENS members on the collection, identification and promotion of energy-efficient BATs and BPs, and the release of TOP TENS lists;
3. Encouraging G20 countries to join the TOP TENS Task Group to develop their own lists showcasing leading energy efficiency practices and technology take-up;
4. Continuing the development of the second round of Domestic TOP TENS Lists;
5. Continuing to refine and periodically updating of the TOP TENS methodologies and communication to increase their relevance and ease of use;
6. Considering the expansion of the sectors covered in the lists.

\*source:G20 2016 in CHINA” G20 Energy Efficiency Leading Program”