

Japan's Energy Conservation Grand Prize Award

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1. Overview of Japanese Energy Conservation Grand Prize Award

What is Energy Conservation Grand Prize Award?

[Objectives]

To share information of the business operator's activities

To award business operators who are making excellent efforts of energy conservation



- Spread of energy conservation awareness
- Diffusion of energy-saving products
- Development of the energy conservation industry and contribution to establish energy conservation-oriented society

[Organizer and Back-up organization]

- **Organizer:** The Energy Conservation Center, Japan
- **Back up:** Ministry of Economy, Trade and Industry

[History of Energy Conservation Grand Prize award]

- **EE&C best practices:** The “energy conservation practices presentation convention” started in 1975 to award successful energy conservation practices.

Approx. 40 years history!

- **EE&C products, etc.:** “21st Century-oriented EE&C Equipment and Systems Award (Energy Conservation Vanguard 21)” started in 1990 to award EE&C products, etc.

Approx. 25 years history!


[Number of awards given from the start till FY2015]

- **EE&C best practices: 1,504 cases**
- **EE&C products, etc.: 463 equipment & systems**

2. Significance of Energy Conservation Grand Prize Award

Raising Awareness – Awarded practices are “gold mine of valuable information”

- This time we take up best practices as our presentation main theme.
(Reason: They are the theme of EMAK TG itself and one of the greatest features of the Energy Conservation Grand Prize Award)
- Accumulated awarded cases are “showcase” of the following 3 elements.
→(1) Energy management system (2) Autonomous small group activities (3) Remarkable technologies and know-how
- Data can be used in various manners according to "awareness“ of the user.

FY	1975																												
	S50	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Case example	1st	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20	H21	H22	H23	H24	H25	H26	H27	H28	
Product		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th			21st	22nd	23rd	24th	25th	26th
Name of award EE&C best practices	<p style="text-align: center;">Award of Energy Conservation Best Practices in Factory & Building</p>  <p style="text-align: center;">Registration of the "Energy Conservation Grand Prize" as a trademark</p> <p style="text-align: center;">Registration of the mark as a trademark</p> <p style="text-align: center;">Establishment of Director General Prize of Small and Medium Enterprise Agency</p> <p style="text-align: center;">Renamed as Energy Conservation Grand Prize [integration of two systems (EE&C best practices and products, etc.)]</p>																												
																											<p style="text-align: center;">Energy Conservation Grand Prize [EE&C best practices category/Product and business model category]</p>		
EE&C Products, etc.	Award of 21st Century-oriented Energy Efficiency & Conservation Equipment and Systems (Energy Efficiency & Conservation Vanguard 21)						Award of 21st Century-oriented Energy Efficiency & Conservation Equipment and Systems (Energy Conservation Grand Prize)						Energy Conservation Grand Prize (Award of EE&C Equipment and Systems)																
	Sponsor/ Organizer	Business subsidized by Ministry of Economy, Trade and Industry, etc.												Business consigned by Ministry of Economy, Trade and Industry						Independent business of the Energy Conservation Center, Japan									

As a result of long-term operation of the award and continuous effort for the improvement, data and know-how has been accumulated to have educational effects.

[Educational effects of presentation conventions]

- Spiral-up of energy conservation level through presentation conventions
- As presentation skills are also evaluated, convention itself functioned as OJT training for applicant companies.
- Knowing other category cases helps learn more about EE&C cases

[Educational effects of examination committee]

- The following factors made it possible to maintain high and stable examination level (virtuous cycle)
- Wide range of the committee members with experience and know-how.
- Long-term continuous effort made under shared values.

3. Key to Success of Energy Conservation Grand Prize Award

[Cost performance for the awardees]

Great sales promotional effect



Awardees can use the logo on Web or at stores



Cost
(Price of brand values)

[Rules for using the award logo]

- The mark can be used for only awarded practices or products (subject to fees).
- Awardees use the mark according to the rules on their responsibilities.
- Year of the award, name of the award, application category and name of organizer are to be shown properly.
- Color of letters and decoration can freely be designed.
- Retailers are allowed to attach the mark on awarded products.



- Presentation conventions being held nation-wide

Sharing know-how obtained from the activities, chances for studying practices and energy conservation activities are provided.

- Energy Conservation Grand Prize awarding ceremony

In addition to the PR effect of the ceremony, social recognition is enhanced by distributing "Collection of applications" and "Collection of outlines of awarded products, etc." (subject to fees).

[Collection of all the applied cases of the best practice category]






[Presentation convention]



[Energy Conservation Grand Prize awarding ceremony]

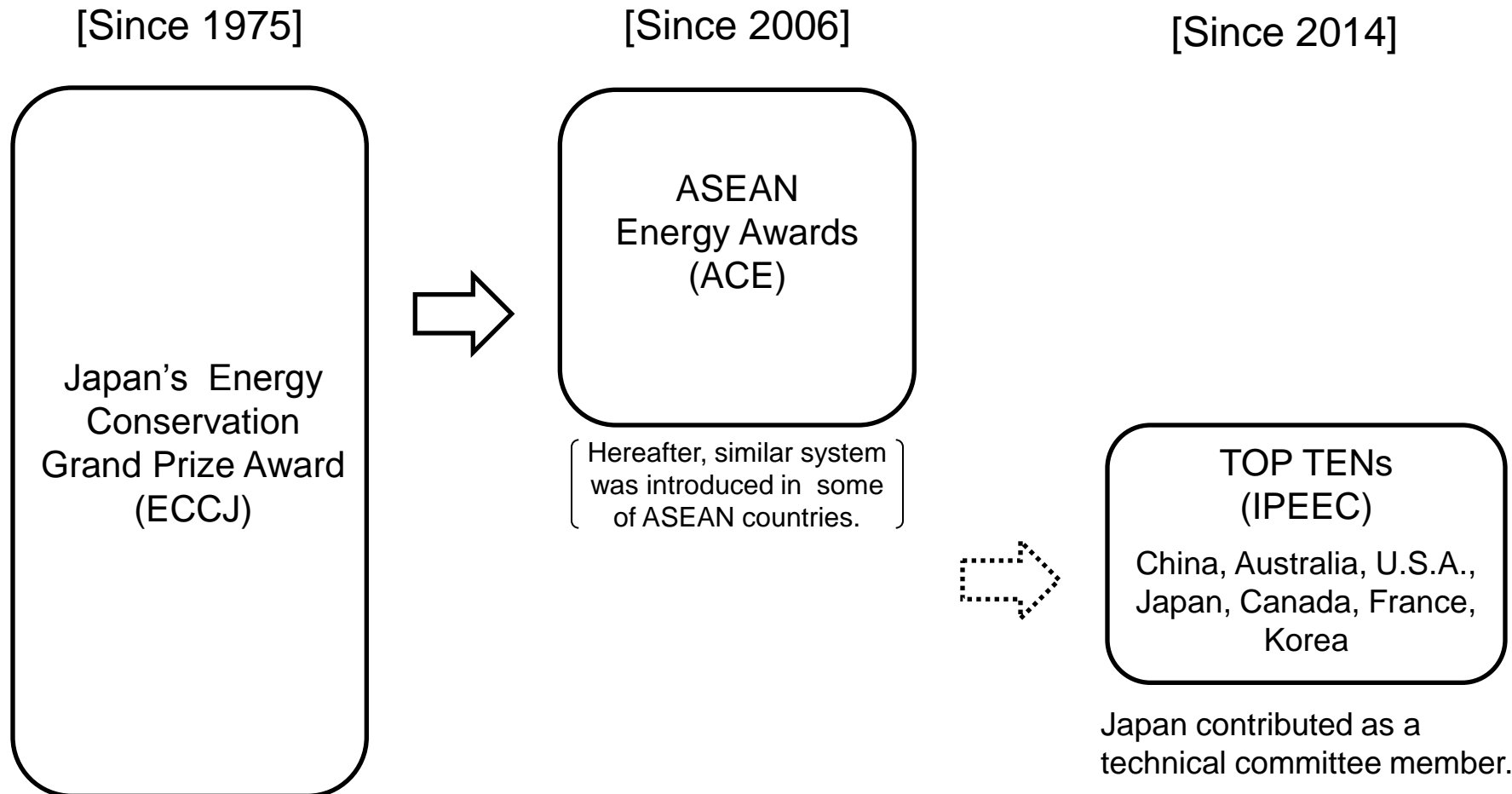


The most traditional and largest one in the “energy-related 3 grand prizes”.

	Energy Conservation Grand Prize (The Energy Conservation Center, Japan)		The Energy-Efficient Machinery Award (The Japan Machinery Federation)	New Energy Award (New Energy Foundation)
	Best practices	Products	Industrial machinery system	New energy
Starting year	1975	1990	1980	1996
Number of applications	3,950	1,550	1,458	N/A
Number of awarded cases	1,504	463	469	203
METI Minister's Prize	160	60	25	28
METI/ANRE Director General's Prize	240	100	32	41
Symbol mark	Logo 	Mark  優秀省エネルギー機器	Emblem 新エネ大賞 	

With the support of Japan, the award system (especially, examination committee system) similar to the Energy Conservation Grand Prize (best practices category) was established in ASEAN.

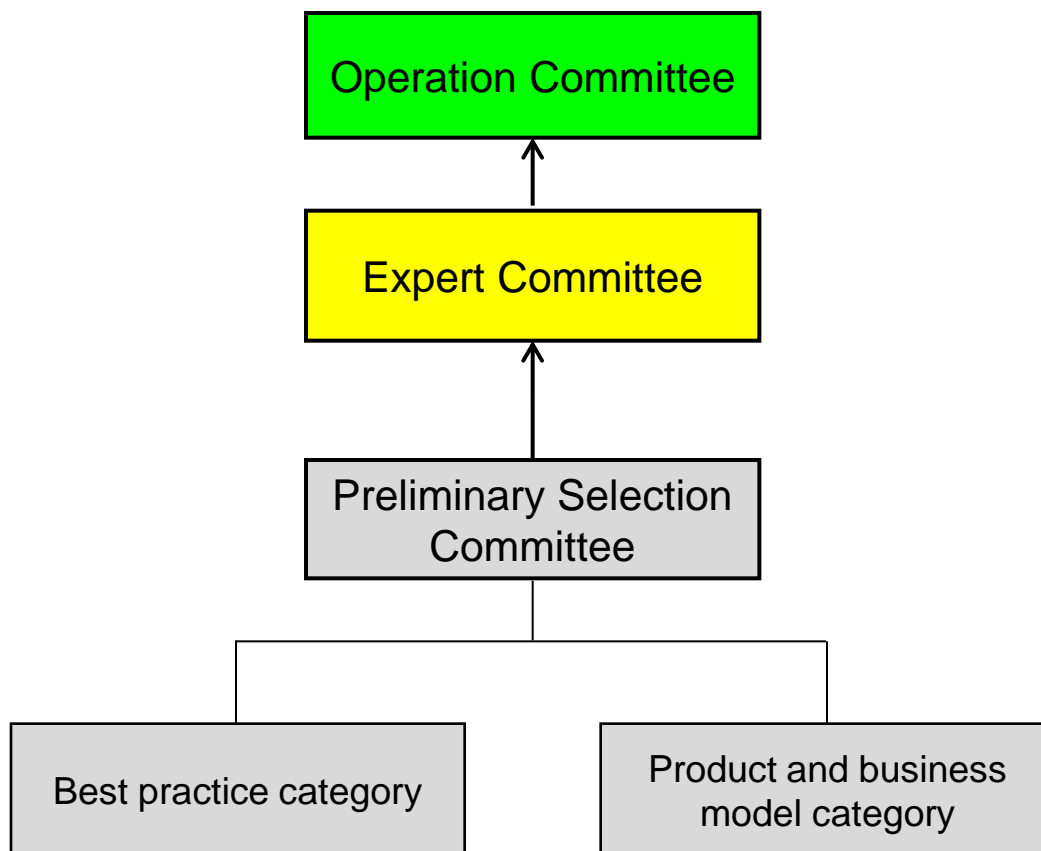
Japan also contributed to countries other than ASEAN (one of technical committee members of TOP TENS as shown bellow.)



[Examination system]

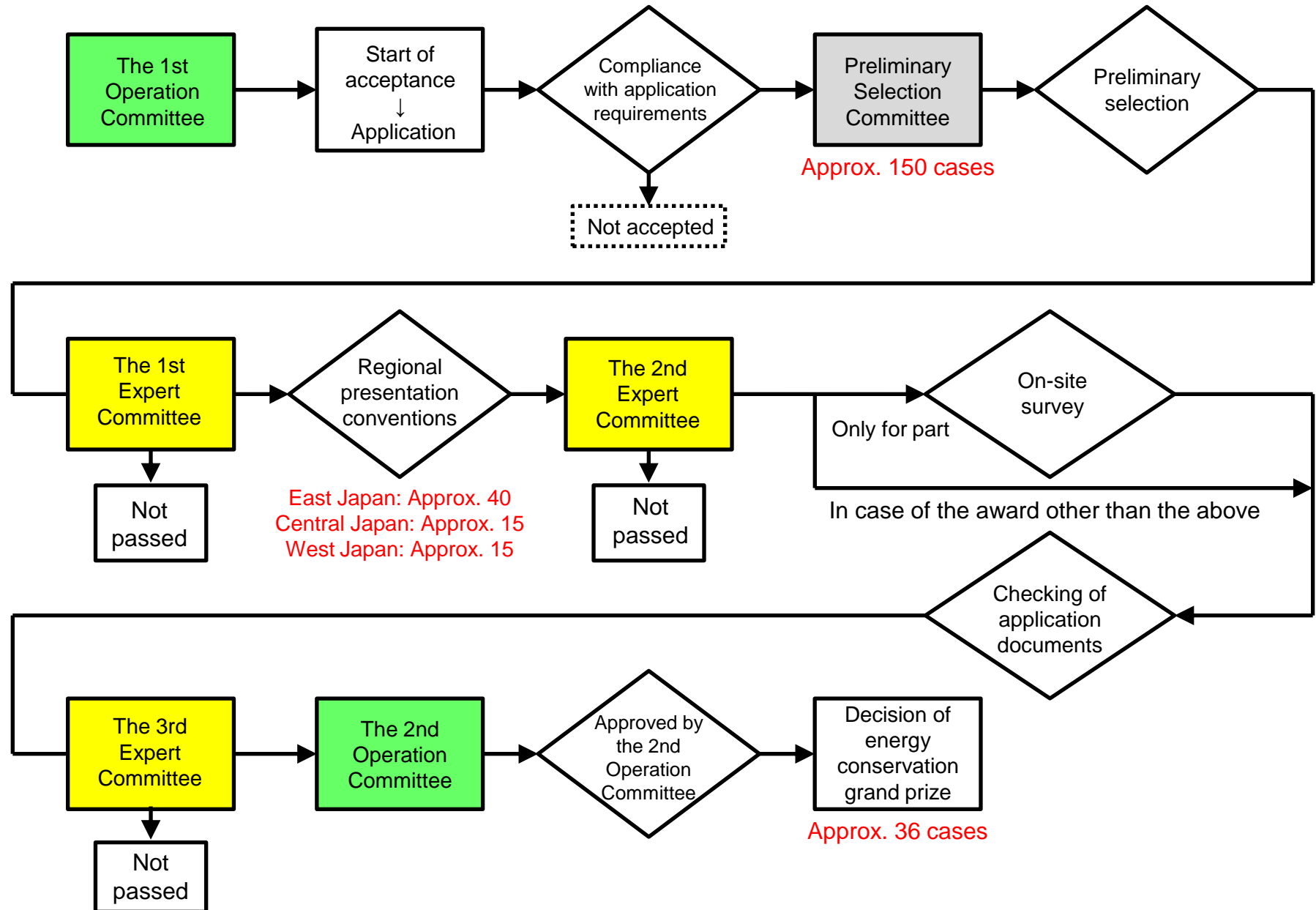
[Role of each committee]

By having 3 different committees in a layer structure, both versatility and fairness are obtained.



- Operation Committee
Chairperson, ECCJ (1), external professionals (3)
- Expert Committee
Chairperson, ECCJ (2), external professionals (6)
- Preliminary Selection Committee
ECCJ professionals, etc. involved in selection under the instruction of committee members (ECCJ officers, etc.)

Elaborate Examination – Selection Process



[Point of examination]

Each examiner performs absolute evaluation of all the applied cases in each stage according to the evaluation criteria shown on the right.

- Preliminary selection
Approx. 150 applied cases are examined every year to be narrowed down to approx. 70 through regional presentation conventions (3 venues).
- Regional presentation conventions
Further narrowed down from approx. 70 to lesser number
- On-site survey
To be implemented according to the necessity

As applied cases varied in the wider sectors, common scoring standards were not adopted. However, as a result of mutual edification effort between examiners and consistency in discussions at the examination committee, fair and reasonable selection has been realized for a long time (fostering trustworthiness of the system).

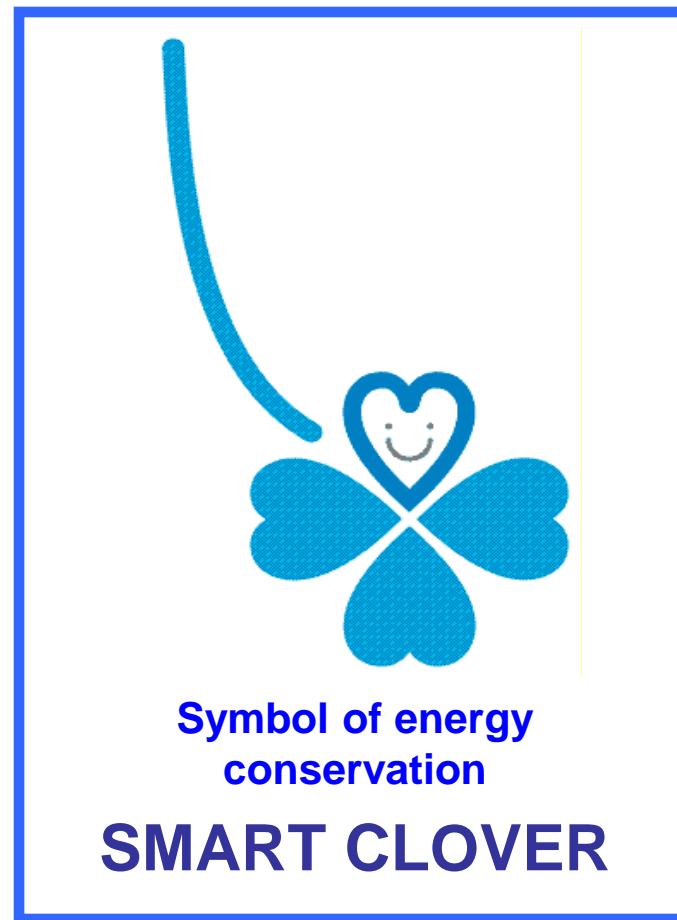
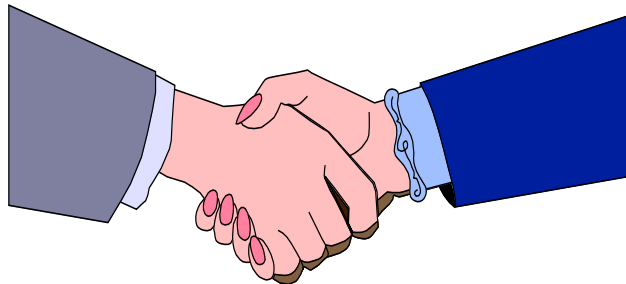
[Evaluation items and scores]

Category	Evaluation items	Score	Total
Best practices	(1) Innovativeness and originality	10	60
	(2) Energy conservation performance	20	
	(3) General versatility and applicability	10	
	(4) Improvement & continuousness	10	
	(5) Presentation skills	10	
Product and business model	(1) Development process	20	90
	(2) Innovativeness and originality	10	
	(3) Energy conservation performance	20	
	(4) Resource saving and recyclability	10	
	(5) Marketability and cost efficiency	10	
	(6) Environment-friendliness and safety	10	
	(7) Presentation skills	10	

4. Summary

- **Source of trustworthiness**
 - Fair evaluation process
 - Sufficient evaluation for technical values
 - Public nature due to the public body's involvement
 - PR effect of information
- **Features of significance established on trustworthiness of Energy Conservation Grand Prize Award**
 - Brand values
 - Informational values
 - Promotion of energy conservation activities & dissemination of the cases
 - Contribution to energy conservation capacity building
- **Ultimate effect of trustworthiness and achievements in the past**
 - Contribution to form and develop the domains for energy conservation activities and energy conservation technologies
 - Contribution to promote international EE&C activities

Thank you for your attention.



The Energy Conservation Center, Japan

URL: <http://www.eccj.or.jp>