

Report of Japan Chapter 18 Aug 2018

1. Activity of Japan Chapter 2017-2018*
2. Challenges of Japan Chapter from now on

*This period:



Prof. TANABE
President



Dr. SUYAMA
President Elect



Prof. MIYARA
Treasurer



Prof. AKIMOTO
Secretary

Yoshimi SUYAMA
President of Japan Chapter

Activity (International/Award/TTC)

(1)ASHRAE Technology Award Challenge

DAIKIN Technology Innovation Center

Daikin Corp. and Nikken Sekkei Corp.



Honorable Mention

(2)Japan Session in ASHRAE

Winter Meeting Chicago

Collaborating with SHASE 3 high technology buildings such as YKK80 are presented.



(3)Presentation at APCBC by

Prof.Kato (18 Nov. 2018)

Takenaka Corporation Higashi-kanto Branch Office Renovation - Practical Renovation for Net-ZEB Office -



TAKENAKA CORPORATION, JAPAN

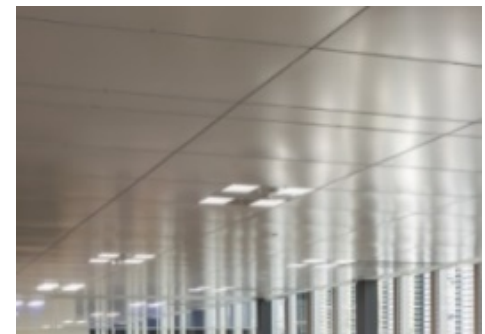
Wellness Control by wearable devices



Wearable Device

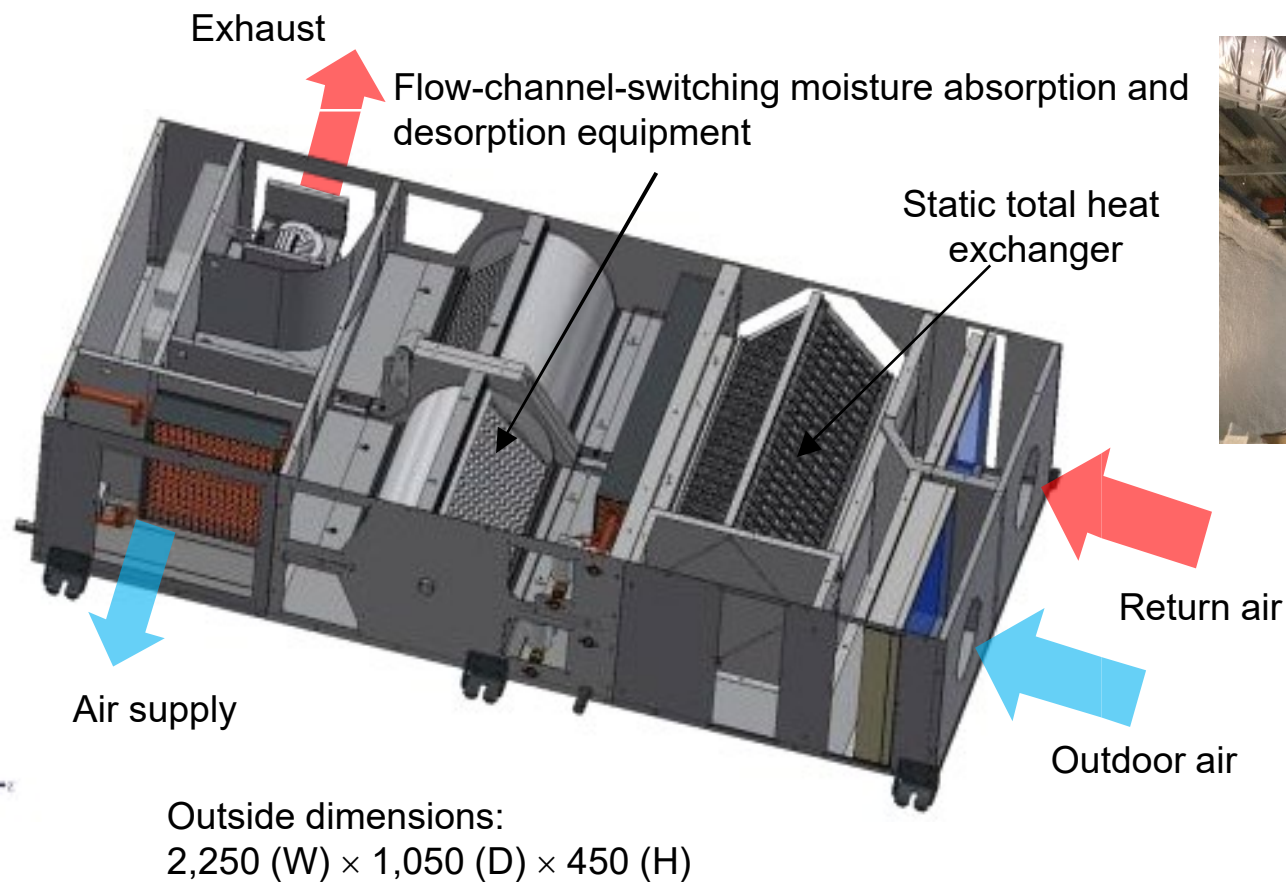


Personal diffuser



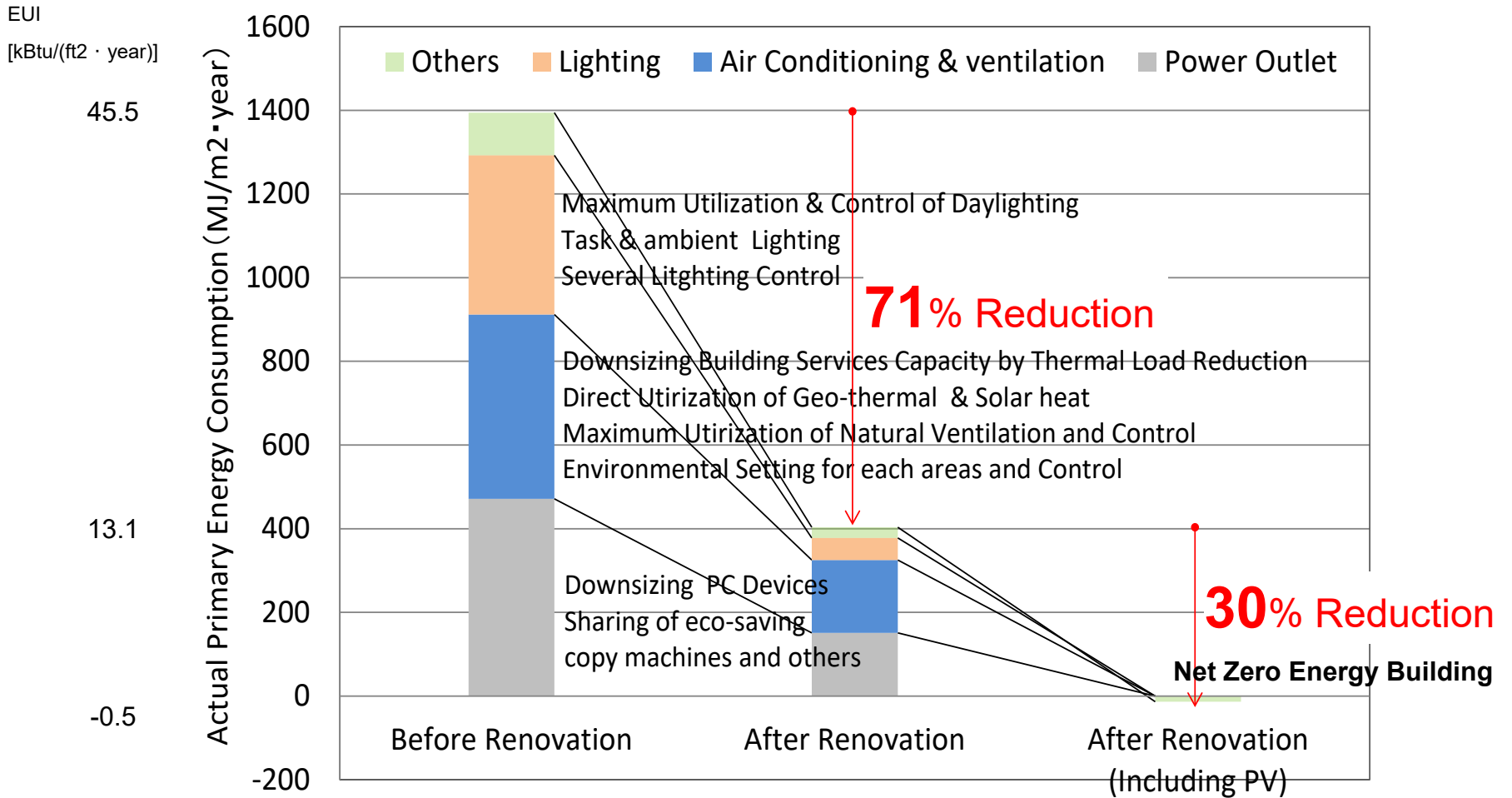
Radiant cooling & heating panel

Ceiling Type Desiccant Air Handling Unit



Internal structure of outside air handling unit for desiccant

Comparison of primary energy consumption and annual energy balance before and after renovation



Comparison of primary energy consumption before and after renovation

Activity (Domestic/TTC/GGAC/MP)

(4) 3rd meeting of Radiative AC Association

(11 Sept. 2017) With former President Olesen

(5) International Session on SHASE Annual Meeting at Kohchi Univ. (14 Sept. 2017)

Inviting former President Olesen

(6) Presentation at SAME 2017

Okinawa by Prof. Miyara (7 Nov 2018) Development of new refrigerant and handling in accordance with ASHRAE Stnd.

(7) Joint Meeting and Ceremony with ASHRAE HQ, SHASE and JSREA

(5 May 2018)

With President Hayter and former President Olesen



Activity (Domestic/Making Relationship)

(8) Annual meeting of Japan Chapter 2018 and DL Lecture (19 July 2018)

'Energy Efficient Solutions for Commercial Kitchen Ventilation'

By DL Dr. Andrey Livchak

Here The most important decision was made. Entry to CRC 2021 and president at that time Prof. OOKA!!



Prof. OOKA

(9) 2nd and 3rd Golf Competition

(12 Dec. 2017 & 27 May 2018)

2nd Winner : Mr. Kiyoshi Nagano

3rd winner : Prof. Shin-ichi Tanabe



Challenges of Japan Chapter

The challenge is to strengthen the activities of Japan Chapter by using POAE points as an indicator. And the recent key goal is future CRCXXXX in Japan.

- (1) Enhance relationships with other R13 chapters.
By mutual visit, joint planning of DL and so on.
- (2) We will increase the number of members(180) until same as chapter number(#194) in 2 years.
- (3) Launch CRC preparation committee, especially start to solicit sponsors.

Challenges of Japan Chapter2

For first shot concerning action (1), we will support “Japan Study Tour 2018” in next week conducted by Prof. Sam C M Hui.

Visiting Schedule are as follows;

21 Aug 2018 (Tue) AM: Company/technical visit: **Obayashi Technical Research Institute**

21 Aug 2018 (Tue) PM: Academic visit: **Tokyo University/Waseda University**

22 Aug 2018 (Wed) AM: **Building Research Institute** in Tsukuba

22 Aug 2018 (Wed) PM: **Research and Development Center of Shinryo Corporation** in Tsukuba

23 Aug 2018 (Thu) AM: Technical visit: **Daikin Solution Plaza**

23 Aug 2018 (Thu) PM: Technical visit: **YKK80 Building** (by Nikken Sekkei)

24 Aug 2018 (Fri) AM: Technical visit: **Toshiba Science Museum**

24 Aug 2018 (Fri) PM: Company/technical visit: **Taisei Technology Center**

25 Aug 2018 (Sat) AM: **The National Museum of Emerging Science and Innovation**

25 Aug 2018 (Sat) PM: **MegaWeb Toyota City Showcase**

2014



Growing Slowly, slowly

Thank you for your usual kind advices.

And please lead Japan Chapter hereafter to be a youth level.

Maybe CRCXXXX held in Japan will be an 'Adult ceremony'.

2017



Thank you for your attention.

20XX



Can we get POAE points ?

諺：他人の褌 (FUNDOSHI) で
相撲 (SUMO) を取る ???

Tanin no Fundoshi de
Sumo wo toru.

Proverbe:

Take sumo with someone
else's loincloth!

What? Whose?

Other benefit

