

## **AOTS Webinar**

# **Energy Conservation through Productivity Enhancement as well as the Improvement of Operation practices in Production lines**

Organized by The Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS)  
In cooperation with AOTS Alumni

### **BACKGROUND**

The Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS) is an organization for human resources development mainly in overseas countries to promote technical cooperation through training, experts dispatch and other programs. The Program on Productivity Improvement (TPPI) is one of the management training programs which is conducted by AOTS with the subsidy of Japanese Government under the scheme of the Carbon Reduction Technology Promotion Program by the Ministry of Economy, Trade and Industry. TPPI aims at promoting overseas development of Japanese energy conservation technology, improving efficiency in the use of energy in the industry field, and contributing to the reduction of greenhouse effect gas emissions by providing training for local employees of manufacturers in the emerging countries.

Due to the global spread of COVID-19, however, it is impossible for us to invite the participants to Japan and implement a two-week management training program this year. As an alternative, we will implement a webinar (online seminar) “Energy Conservation through Productivity Enhancement as well as the Improvement of Operation practices in Production lines”, featuring the core pillars of the TPPI and enabling participants to learn the essence of the topics safely at home.

### **OUTLINE**

This webinar is designed for countries and areas in Asia and the Middle East, and the participants will learn about the three approaches (productivity improvement, operational improvement, and facility improvement) and specific techniques to conserve energy in the production process in the automobile, industrial machinery and electrical machinery fields and aim at realizing energy-saving in the production sites in their own companies.

### **OBJECTIVES**

We aim to achieve the following goals for participants to realize energy saving and CO2 reduction.

- 1) To understand recent world trend toward reduced carbon society and understand the roles and responsibilities of manufacturing industry to realize it
- 2) To understand the three approaches to save energy in production sites
- 3) To enhance understanding of how these approaches are being implemented through case studies of Japanese companies.

## DATE AND TIME

**3 February 2021, 13:00 - 16:00 JST**

## NUMBER OF PARTICIPANTS

**150** participants

## COUNTRIES

Countries and areas in Asia and the Middle East

\*Please refer to [Table 1] List of Target Countries and Regions for details.

## TARGET PARTICIPANTS

Participants should have the following qualifications.

(1) Participants should be working for companies in the automobile, industrial machinery and electrical machinery fields (three businesses\*\*) or companies supplying to the companies in the three businesses in Asia or the Middle East and should be controlling or in charge of manufacturing lines of products in the three businesses or products aimed at the three businesses.

\*\*The businesses cover: (1) Automobile field (automobiles, automobile parts, etc.) (2) Industrial machinery field (machine tools, machinery for production and business use, etc.) (3) Electric machine field (heavy electrical machinery, electronics and information communication equipment, precision equipment, home appliances, etc.)

(2) Participants should be senior managers, plant managers, production site managers, or specialists (engineers in charge of manufacturing process management or energy management) who are in the position to promote the plan of action for energy-saving, formulated in the training, in the production sites.

### [Basic Requirements for Participants]

In order to participate in the management training, the following conditions must be satisfied, in addition to the work experience and position requirements specified for each program.

- a) Participants should live and work in target countries. Japanese is NOT applicable.
- b) Participants should belong to either corporation or organization.
- c) Participants should be 20 years old and over.
- d) Participants should have enough English language ability so as to be able to understand the program content.
- e) Participants should not be armed forces personnel.

## THEME OF THE WEBINAR

1. Recent world trend toward reduced carbon society
2. Manufacturing and Energy
  - 1 Operational Improvement
  - 2 Facility Improvement
  - 3 Productivity Improvement
3. Machine and Equipment for energy saving
4. Case Studies

## LECTURER



### Mr. Hideki Minoura

Senior Consultant, Panasonic Eco Solutions Business Consulting & Training Co., Ltd.  
Professional Engineer/ Qualified Person for Energy Management.

Mr. Minoura is a management consultant and specializes in environmental energy systems, energy conservation systems, and new product development systems. He provides guidance to companies on energy conservation, promotion of streamlining of new product development, and improvement activities in the manufacturing process by making use of his past experience in development/ production process of environment-conscious housing equipment products at Matsushita Electric Works Co. Ltd. (now known as Panasonic Corp.). He has given lectures on company training programs both inside and outside Japan, and instructed in the work of measurement, diagnosis, and improvement activities in the energy conservation field.

## LANGUAGE

The webinar will be conducted in **Japanese with translation into English**. The lecture materials will be prepared in **English**.

## PARTICIPATION FEE

**Free.** This webinar will be implemented with the subsidy from the Japanese Government and sponsored by **AOTS Alumni**.

## HOW TO APPLY

Please e-mail the attached application form to the person in charge of AOTS Alumni written in the leaflet.

## APPLICATION DEADLINE

**Wednesday, 20 January 2021 (Japan Time)**

\*After the deadline, the applicants will be notified as to whether accepted or not by e-mail from AOTS alumni society or AOTS.

## METHOD

### Cisco Webex Online System

- \* When you are selected as a participant, you will receive an email for registration. Please register for the webinar by clicking on the link in the email by the deadline. After registering, the registrant will receive a confirmation e-mail with the webinar link.
- \* The above emails will be sent to all the official participants from the Webex System. If you do not receive these emails, please contact the person in charge in AOTS Alumni.
- \* As to the lecture material, the participants will receive an e-mail with instructions on how to download them by the day before the lecture.

## NOTES

- ✧ AOTS certificate is not awarded for this webinar.
- ✧ Personally identifiable information provided by the participant will not be used for any purpose other than conducting the webinar without the consent of the participants.
- ✧ Participants shall not reproduce, distribute, or alternate the distributed lecture materials or film the webinar without prior permission from AOTS. Participants are asked to make a pledge not to commit any violation.
- ✧ In the event of an unavoidable accident (war, riot, labor dispute, earthquake, storm, fire, flood, epidemic, etc.) or network / equipment trouble, AOTS may cancel the implementation of the webinar.
- ✧ Do not transfer the meeting information (meeting link/number/password) given to the participants to anyone other than the participants without permission.
- ✧ Use only one device per participant.
- ✧ AOTS will not be held responsible if it becomes difficult for participants to participate in or continue to participate in the webinar due to an unavoidable accident or network/equipment trouble.

## Inquiry

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## [Table 1] List of Target Countries and Regions

Applicants should be residing in the following countries/regions.

Asia	Middle East
Bangladesh	Afghanistan
Bhutan	Bahrain
Brunei	Iran
Cambodia	Iraq
China	Israel
Hong Kong	Jordan
India	Kuwait
Indonesia	Lebanon
Korea	Oman
Laos	Qatar
Macau	Saudi Arabia
Malaysia	Syria
Maldives	Turkey
Mongolia	United Arab Emirates
Myanmar	West Bank and Gaza Strip (Palestine)
Nepal	Yemen
Pakistan	
Philippines	
Singapore	
Sri Lanka	
Taiwan	
Thailand	
Timor-Leste	
Viet Nam	