

20 January - 2 February 2016 (2 weeks)

HIDA Kansai Kenshu Center &lt;To Be Determined&gt;

**Key Benefits**

- (1) Deepened the participants' understanding of the energy management concept practiced by Japanese manufacturing companies.
- (2) Deepened their understanding of the relationship between energy conservation, company profits, and managerial advantages. They will also have deepened their understanding of specific measures that should be taken in each process to achieve efficient energy management in the factory and the like.
- (3) Improved their ability enough to perform a re-study of the plausibility of accomplishing the targets set before coming to Japan, and to create action plans to be followed after returning home for solving problems and achieving challenges by eliminating waste in their factories that leads to cost reduction.

**Target Participants**

Middle to senior managers who are engaged in energy management in manufacturing factories and the like residing in all countries except for Japan.

**Language**

All lectures, discussions, company visits and exercises will be conducted in English or Japanese with translation into English.

**Course Features and Contents****[Preparatory Step]**

Participants will prepare for their presentations on the final day by referring to the descriptions of the "Pre-training Report" and "Questionnaire 1" (e.g., your company's present situation, challenges, problems, and Kaizen numerical targets in its energy management. Participants thus need to prepare to bring the data and other information used as the basis for identifying the current values and setting the numerical targets written in the forms, before coming to Japan.

**[First Step]**

Participants will first examine the current situations of energy management in Japanese manufacturing industries. Then, they will overview the basic concepts of environment-conscious management that is required for companies to achieve a low carbon society, and the objectives of promoting energy conservation from the aspect of corporate management.

**[Second Step]**

Participants will study concrete methods of how to implement energy conservation practiced in Japanese manufacturing industries in each phase of product development, process design and production. Participants will also deepen their understanding of how to motivate and develop employees for promoting energy conservation in their companies/factories.

**[Third Step]**

Participants will re-examine the plausibility of achieving numerical Kaizen targets, which are written in the "Pre-training Report" and the accomplishment of which will lead to energy conservation. Thereafter, participants will establish practical action plans of how to accomplish the targets at their factories/companies by using the mindset and case example of Japanese energy management as a reference, and make presentations on the final day.

**Tentative Schedule**

Date	Morning Session	Afternoon Session
1/20 (Wed.)	Opening Ceremony / Orientation	LECTURE & EXERCISE: Overview of Energy Management in Japanese Manufacturing Companies (1)
1/21 (Thu.)	LECTURE & EXERCISE: Overview of Energy Management in Japanese Manufacturing Companies (2)	DISCUSSION: Presentation of participants' numerical targets for energy conservation in their factories
1/22 (Fri.)	COMPANY VISIT (1): Historical Transition of Japanese Manufacturing Industry	COMPANY VISIT (2): Case Example of Energy Management /Role Model Factory implementing Energy Conservation
1/23 (Sat.)	Days off	
1/24 (Sun.)		
1/25 (Mon.)	LECTURE & EXERCISE: Items of Energy Conservation to be Considered in Product Development	LECTURE & EXERCISE: Training and Motivating Employees toward Promotion of Energy Conservation
1/26 (Tue.)	LECTURE & EXERCISE: Continuous Improvement in the Production Phase	
1/27 (Wed.)	Study Tour	COMPANY VISIT (3): Case Example of Energy Management /Improvement Activities at Production Sites
1/28 (Thu.)		COMPANY VISIT (4): Case Example of Energy Management /Improvement Activities at Production Sites or Case Example of Efficiently Operated Factory
1/29 (Fri.)		COMPANY VISIT (5): Case Example of Energy Management /Energy Conservation
1/30 (Sat.)	Days off	
1/31 (Sun.)		
2/1 (Mon.)	COMPANY VISIT (6): Case Example of Energy Management /Energy	Preparation for Final Presentation
2/2 (Tue.)	Final Report Presentation	Closing Ceremony

— Part of the participation expenses will be covered by subsidy from the Japanese government —

Visit [http://www.hidajapan.or.jp/jp/ikusei/management/files/15pemm\\_e.pdf](http://www.hidajapan.or.jp/jp/ikusei/management/files/15pemm_e.pdf) for the Program Outline and Participation Requirement

Application Deadline: 17 November 2015 (Tue)