

ECCJ has been supporting to promote energy conservation in Indonesia from Feb. to date (June, 2016)

[Overview of project]

Entrusted by the Ministry of Economy, Trade and Industry, the Energy Conservation Center, Japan made the following efforts from February, 2015 to date (June, 2016) in order to promote energy conservation in Indonesia.

- (1) Diffusion of effective energy conservation best practices by building and improving the model energy management systems at 8 cooperative factories of 5 different energy-intensive trades and at 1 group of companies
- (2) Consideration and formulation of proposals on improvement of energy management regulations by the Ministry of Energy & Mineral Resources (hereinafter, referred to as the MEMR) and designing of the energy conservation promotion support systems with cooperation of the Ministry of Finance (hereinafter, referred to as the MOF)
- (3) Formation of ESCO pilot project (improvement of working-level qualifications) due to a public-private project deriving from the above



Workshop in Japan (November, 2015): Attendees and Factory Visit



On-site Activities (June, 2016): Factory Survey, Advice Based on Survey Results, and Discussion of System Improvement by Government

Coordinated by the Ministry of Industry of Indonesia, and jointly with the above-mentioned cooperative companies of 5 trades of steel, paper making, textile, cement and foodstuff, ECCJ has been making efforts to build and diffuse the model energy management systems (EnMS) which allow functioning of the PDCA cycle based on the ISO 50001. We gave advice and instruction to that end.

Although a management environment had been harsh due to various internal and external factors such as higher energy cost, unit energy consumption was reduced by 2 to 5%. A certain factory demonstrated that this initiative was contributive and effective to cost reduction and survival efforts, such as inhibiting unit energy consumption increase to about 15% even at near 40% lower production.

In order to sustainably develop the results through an institutional framework in the future, we will discuss system improvement with the governmental agencies concerned including the MEMR and build a sustainable energy conservation promotion basis so as to improve the regulations to set energy conservation guidelines and goals and develop the energy management standards, and develop the energy conservation promotion support systems (financial and technological aspects), based on the Japan's experiences.