

EBARA Technical Seminar





For the world's sake, for the people's sake: EBARA coexists with regional communities.



Introduction

Founded in 1912, EBARA Corporation has grown to become a global industrial machinery manufacturer whose main businesses involve fluid machinery and related systems such as pumps and compressors. Our main products are pumps used for infrastructure, such as for water and sewerage systems, irrigation and flood control. By manufacturing and selling outstanding hardware and by offering high-quality customer support, we have helped to build a safe, secure, and comfortable society.

However, we had heard that some developing countries wanted to improve their infrastructure but found it impossible to plan and design infrastructure due to a lack of technical expertise. We had also heard that there was a need for engineers to be fostered.

Under the slogan of "Ebara should coexist with regional communities", Seiji Hatakeyama, the fifth president of EBARA Corporation, founded the EBARA Hatakeyama Memorial Fund. The fund assists infrastructure development and improvement around the world by offering technologies and experience accumulated by Ebara. Since 1989, when this fund was established, EBARA has been organizing various free technical seminars, mainly at universities in Southeast Asia. This ongoing program is non-profit philanthropy that highlights Ebara's uniqueness.

For example, Cambodia faced the challenge of increasing the yields of double-cropped rice. We held a seminar on irrigation pumps that would enable rice to be grown by overcoming the limitations posed by the rainy season and the dry season. Another example is the challenge of renovating decrepit waterworks in Myanmar. In response to local people who wanted to further improve pump technology, we held a seminar on pumps for waterworks.

To make use of the technologies and experience that we have steadily built up in regional communities around the world, we will continue to offer technical seminars that will contribute to solving each local issue and meeting the needs of local people.



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Many developing countries lag in water infrastructure development and frequently suffer from flood damage. Accordingly, there are strong calls for pump engineers to be fostered.

Employees from our group companies serve as lecturers at Ebara's technical seminars which are highly valued as philanthropy that highlights Ebara's uniqueness.

Not a few participants who attended the seminar program in its early days were prompted by the seminar to pursue expertise in fluid machinery. Many of them have been active as engineers in charge of their nations' infrastructure development.



Examples of seminars

Thailand

Asian Institute of Technology (AIT) International Seminar

In Bangkok, Thailand, where flood control measures have been progressing, EBARA has been offering an annual one-week seminar on pump technology for flood control, which is targeting engineers involved in infrastructure development. Not only are the participants from Thailand, but they are also from the Philippines and Vietnam, which suffer from frequent typhoon and flood damage, respectively, and from other countries.



Colombia

Medellin Seminar

Medellin is in a high-altitude area, and a technology to provide water to households at different altitudes from a purification plant is required there. Waterworks personnel, university faculty members and other participants attended the seminar, whose topic was waterworks pump technology for water supply.





Message from the co-hosts

In solidarity with the philanthropy of EBARA Corporation, we have been offering pump technology seminars jointly with the EBARA Hatakeyama Memorial Fund since 2013.

Many participants, including university faculty members and engineers, have attended, and the seminars have been particularly popular among university teachers. Not only they can impart the knowledge gained from the seminar to their students, but they also can practically apply the knowledge.

The seminars are a great opportunity to learn about the technology of turbo-machinery such as pumps and chillers. We hope for the continuation of such seminars.



Dr. Somchai Chakhatrakan
(Former) Vice Rector of
Thammasat University (Thailand)



Voices of participants

- We transfer water for a long distance from the water treatment plant to the city, and are very concerned with water hammer phenomenon and its countermeasures. The contents of the seminar were very useful for us. (2016, Uruguay)
- It's a practical lecture on matters indispensable for pump facility development planning. (2016, Cambodia)
- In Vietnam construction boom is creating increasing demand of pumps and refrigerators. Such technical seminars are very valuable, and we would like to request to continue them in the future. (2016, Vietnam)
- Various subjects in the seminar are useful for us, since our university has been consulted about troubles caused by cavitation occurrence. (2016, Uruguay)



Message from a lecturer

I've served as a lecturer at the seminars, mainly in Vietnam. In addition to basic pumping theory, I've lectured on the engineering technology of pump systems for waterworks, flood control, irrigation and the like.

There's great interest in lectures on drainage systems technology that are tailored to the geographical, socioenvironmental and engineering conditions of the participants' countries.

I often hear requests for such seminars to be held on a routine basis. I'm proud of contributing to people's safe, secure and comfortable life by lecturing at the seminar.



Tran Van Phuc, Section Manager
EBARA Vietnam Pump Co., Ltd.



Fact sheet of our technical seminar (as of March 2017)

Number of countries in which the seminars were held; cumulative number of seminars	20 countries; 263 seminars
Countries in which the seminars were held	Thailand, Vietnam, Myanmar, Cambodia, Indonesia, Laos, the Philippines, China, Sri Lanka, Columbia, Peru, etc.
Participants	12,486 (people)



Planning and management: EBARA Hatakeyama Memorial Fund



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