

## Workshop on “Kenchikushi”

In Bangladesh, quality control system of building construction is the challenging issue. Rana Plaza accident, just 4 years back, is fresh in our mind as a typical issue. There are some ways to keep building quality. One of the ways is to establish and promote the qualification system of the designers or supervisors.

In the workshop on 22 April Saturday, 2017 at PWD Conference Hall, Mr. Akio Mizutani from Government of Japan, Housing Bureau, Ministry of Land, Infrastructure, Transport and Tourism, delivered the lecture on Kenchikushi, which is Japan's building regulatory system and professional engineering system.



“Kenchikushi” of Japan is known as a unique licenses system for Professional Building Engineer, which has a specific characteristic. Namely, "Kenchikushi", professional building engineer, has the job not only architectural design, but also structural design, building equipment design and construction supervision based on such wide variety of expertise.

In his lecture, the characteristics of “Kenchikushi” were reviewed. This system has started since 1950 under the “Kenchikushi Law”. There are several levels of registration systems, and for each level what type of building can be designing and inspection of construction is designated. For becoming "Kenchikushi", it is necessary to pass the very strict examination with practical experience. This system has played the important role for keeping the quality of buildings in Japan for a long time, and it has become a special status of building engineers in Japan.

Besides, he advised the professional engineer license system is one of the methods to promote building, and totally three systems combination is inevitable for the building quality maintenance and promoting building safety.

- 1) Regulation; Standard for building performance, quality, management, and etc.
- 2) Technical issue; Design and construction technology and professional engineers. For example, Kenchikushi, who keeps the building quality for owners, designs and supervising construction works to protect owner's benefit.

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3) Confirmation and Inspection system; Procedure for building confirmation and construction approval as well as inspection of construction during its process and completion stage, for regulation enforcement.

After lecture, the participants discussed the building design and construction supervising way in Bangladesh. They are also noticed that main problems in Bangladesh building belong to the difference between designed buildings and constructed ones, and building quality maintenance. So, they were interested in the Japanese system. The establishment of license system such as Registered Professional Architect and Structural Engineer in Bangladesh may need a long way with various considerations and tough negotiations for all the related ministries, departments and sectors. However, the participants shared the importance of establishment of the building license system indeed.

		
<p>Address by Chief Guest</p>	<p>Discussion</p>	
		
<p>Discussion</p>		<p>Address by a Guest of Honor</p>
		
<p>Closing by Chief Guest</p>	<p>Site visit</p>	

Finally, this workshop was closed with active and constructive discussion and also appreciation remarks to Mr. Mizutani by Prof. Jamilur Reza Choudhury, Special Guest and Moderator, as well as the respective guests.

**Fumio KANEKO**  
Team leader of BSPP/JICA Expert Team

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