

# International cooperation for housing, building and urban development between Japan and Myanmar

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Chairman, Japan-Myanmar Association for Industry of  
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**Japan Global Exchange Forum for Housing, Building and Urban Development**

## ■ Purpose

- To utilize Japan's collective knowledge and expertise
- To promote international collaborative efforts
- To assist enterprises in their overseas activities in housing, building and urban development

Enterprises interested in housing, building and urban development in the international arena and Organizations engaged in international exchange activities working with the Japanese government and foreign governments and other foreign organizations

# ■ Establishment

➤ JHBUD was established on September 26, 2016



*Mr. Ryu YANO* was elected chairman



- *Dr. Hiroto IZUMI*, Special Advisor to the Prime Minister
- MLIT 's executives



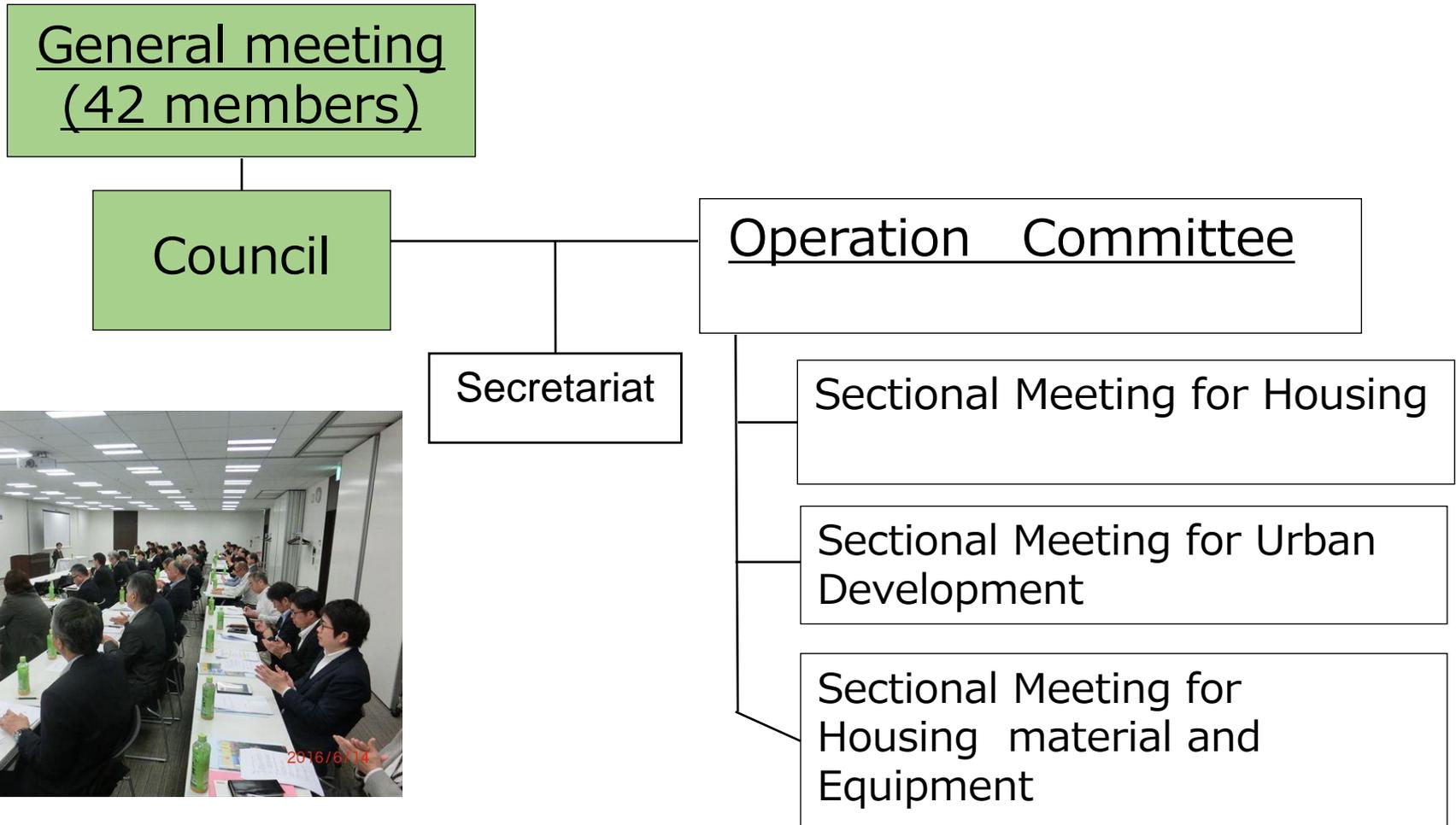
**JMHU**

Japan–Myanmar Association for  
Industry of Housing and Urban  
Development

## Our missions

- ① Cooperating with industrial organizations in Myanmar in growth and development of housing, building and urban development industry in Myanmar
- ② Gathering and exchanging of wide range of information regarding housing, building and urban development of Myanmar and Japan.
- ③ Interchanging of personnel and technology in housing, building, and urban development industry between Myanmar and Japan, and contributing to promote friendship between two countries.

## Organization Structure



# JMHU

## Japan-Myanmar Association for Industry of Housing and Urban Development



The conclusion of the MOU with  
MCEA Dec.2015



# JMHU

## Japan-Myanmar Association for Industry of Housing and Urban Development



MCEA visited to Japan  
on Nov.2016  
The welcome reception was  
held in Tokyo



## JMHU

# Japan-Myanmar Association for Industry of Housing and Urban Development



Seminar with MCEA was held in Japan on Nov.2016



JMHU seminar for members

# Visited Myanmar as the Leader of the Delegation of Myanmar Monastic School Support Team in 2016



# Urbanization trend in Myanmar



DEPARTMENT OF URBAN AND HOUSING DEVELOPMENT

## Urbanization Trend

Class of Urban Centers (population)	2010	2020	2030
> 1,000,000	2	2	2
500,001-1,000,000	-	1	2
100,001-500,000	28	41	61
50,001-100,000	51	62	69
25,001-50,000	67	82	89
10,001-25,000	106	94	73
<10,000	110	82	68
	365	365	365

- ▶ Rapid population growth
- ▶ Poor Housing Condition
- ▶ Severe Housing Shortage



Reference: Ministry of Construction, Government of the Republic of the Union of Myanmar: Latest Developments in Myanmar's Infrastructure

# One million housing plan of Myanmar



DEPARTMENT OF URBAN AND HOUSING DEVELOPMENT

## One million housing plan for 20 years

■ The First Five year Plan(2011-2015)	0.10 million
■ The Second Five year Plan(2016-2020)	0.18 million
■ The Third Five year Plan(2021-2025)	0.30 million
■ The Forth Five year Plan(2026-2030)	0.42 million
<b>20 years total</b>	<b>1.00 million</b>

□ **DUHD plan is to produce 20% of total targeted units and among these 20% , 90% is for low income people and 10% for lower middle income people.**

# ■ The modernization of house

➤ Providing 1 million new-trend house



Previous house



Recent house

# Important 1: Supply of house that is serving a function of shelter

## The recent earthquakes in Japan



Kumamoto  
Earthquake(2016)



the Great East Japan  
Earthquake (2011)  
(Pc. J PCSMA)



the Great Hanshin-Awaji  
Earthquake(1995)

# Important 1: Supply of house that is serving a function of shelter

## ➤ Ensuring residents as shelters



Earthquake simulation to confirm the durability of the building

## Important 2: Organizing production system of house

- Providing house for Myanmar people at reasonable price
- Facilitate providers for each process of house construction



Panel of roof in Japanese company



Parts of structure



Constructing house at the site

# Important 3: Improve the environment for acquisition of house

## ➤ Housing loan helps acquisition of house

- Establishment of CHDB (construction and Housing Development Bank) in 2013
- MLIT, JHF, MOC, CHDB concluded a memorandum in 2016



MLIT : the Housing Bureau, the Ministry of Land, Infrastructure, Transport and Tourism (JAPAN)

JHF : Japan Housing Finance Agency (JAPAN)

MOC : the Department of Urban and Housing Development, the Ministry of Construction ( Myanmar )

CHDB : the Construction and Housing Development Bank ( Myanmar )

## Important 3: Improve the environment for acquisition of house

On 26th December 2016, Mr. Keiichi Ishii, Minister of Land, Infrastructure, Transport and Tourism visited Myanmar.



# ■ Starting a project of constructing low-cost house



# ■ Project of low-cost and affordable house by MCD(MCEA)

## LOW COST APARTMENT TYPE 1

12 UNITS 5 STOREY - 324 sqft



# Example of the proposal for pilot project



e.x. town house (South Africa)



Site in suburb

# ■ Example of the proposal for pilot project

- Selection of the type or/and color of coating material
  - Protection of buildings,
  - Temperature-rise suppression of building frames
- Installation of screen doors for protection against mosquito invasion
- Solar panel to supply electric energy
- Sanitary appliances



Thank you very much for your attention