







Chairul Salam ST., M.Sc.



Jakarta, 26Agustus 1984



Head Section of Monitoring and Evaluating,
Subdirectorate Sustainable Construction,
Directorate Of Construction Services Management
Development,
Directorate General of Construction Development
Ministry of Public Works and Housing.



Jl. Pattimura No. 20, Kebayoran Baru, Jakarta Selatan 12110

ORGANIZATION
CHART OF
MINISTRY OF
PUBLIC WORKS
AND HOUSING

Minister for Public
Works and Housing

Directorate General
of Construction
Development

Secretariat Directorate General
of Construction Development

DIRECTORATE OF CONSTRUCTION
SERVICES MANAGEMENT DEVELOPMENT:

Carry out the preparation of the formulation and implementation of policies in the field of providing construction services.

(Law of MPWH Number 15/2015)

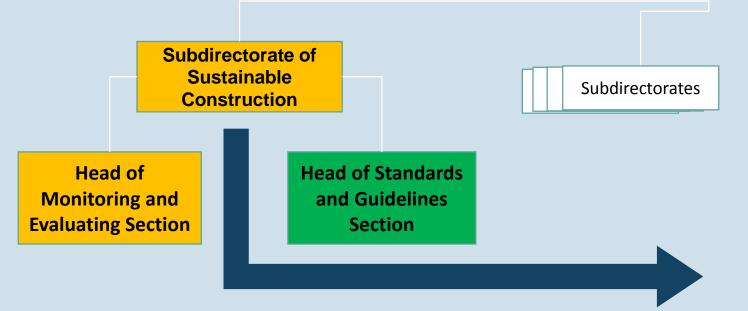
DIRECTORATE OF COOPERATION AND EMPOWERMENT DIRECTORATE OF PROCUREMENT CONSTRUCTION SERVICES

DIRECTORATE
INSTITUTIONS
DEVELOPMENT AND
CONSTRUCTION
SERVICE
RESOURCES

DIRECTORATE OF CONSTRUCTION SERVICES MANAGEMENT DEVELOPMENT

DIRECTORATE OF COMPETENCY AND PRODUCTIVITY





### **Subdirectorate of Sustainable Construction:**

Carry out the preparation of policy formulation materials, implementation of policies, preparation of norms, standards, procedures and criteria, providing technical guidance and supervision as well as monitoring and evaluation in the field of sustainable construction.

(Law of MPWH Number 15/2015)

## **DEVELOPMENT FRAMEWORK INFRASTRUCTURE 2020-2024**





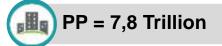
# Connectivity Economic Sector Sea Toll Regional Development / growth / growth / growth / center Connectivity Sea Toll Regional Development / growth / g

# INFRASTRUCTURE DEVELOPMENT CHALLENGES

### **Indicative Budget**

MPWH 2020 120.2 Trillion Rupiah







**SDA = 40.6 Trillion** 



CK = 23.1 Trillion



SIBBB (Sekjen, Itjen, Balitbang, BPSDM, BPIW) = 1.8 Trillion

### **Overview of Global Competitiveness**

GCI - Indonesia

GCI - Indonesia's Infrastructure

		OOI IIIdolloold o IIIII doll doldio		
Year	Ranking	Year	Ranking	
2014 - 2015	34	2014 - 2015	56	
2015 - 2016	37	2015 - 2016	62	
2016 - 2017	41	2016 - 2017	60	
2017 - 2018	45	2017 - 2018	71	
2018 - 2019	32	2018 - 2019	52	

Source: Global Competitiveness Index Annual Report, WEF (Worl Economic Forum), 2019







# Building Failure and Construction Accident



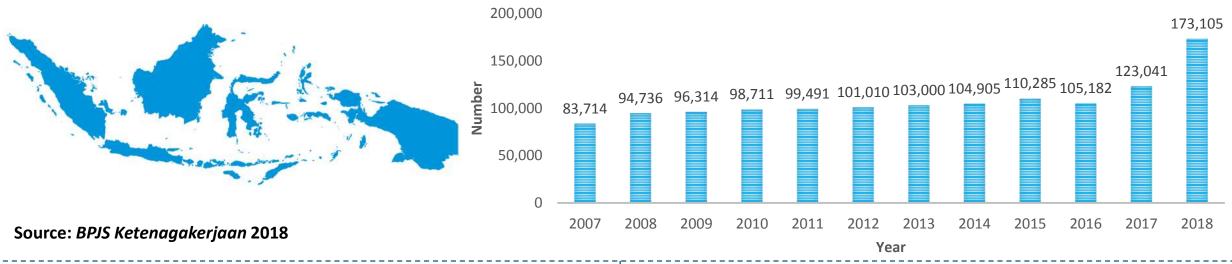




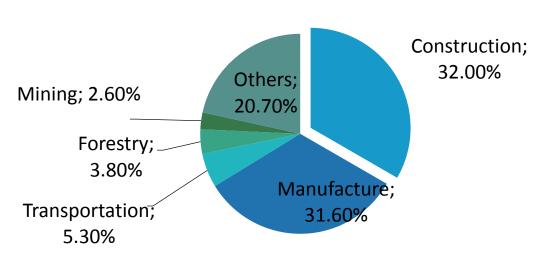




### **WORK ACCIDENT IN INDONESIA**

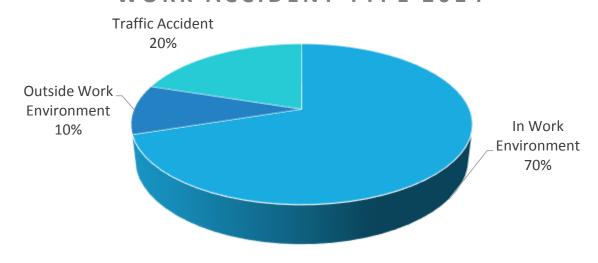


### WORK ACCIDENT BASED ON SECTOR



Source: Jurnal Nasional, 2009, hal. 18

### **WORK ACCIDENT TYPE 2014**

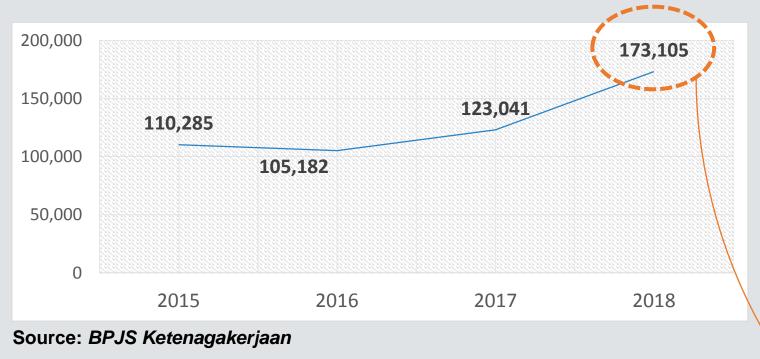


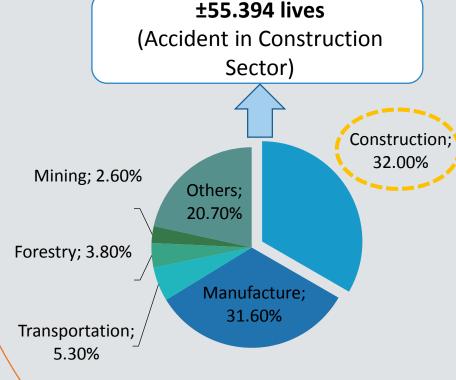
Source: BPJS Ketenagakerjaan 2014

### **COUNTRY OVERVIEW**

### In Construction Sector







Source: Jurnal Nasional, 2009, hal. 18





Number of Work Accident Cases (Year 2018) 173.105

Source: BPJS Ketenagakerjaan

82.003

### LAW AND REGULATIONS

### Safety and Health



### Three main arrangement:

Law

Government Regulations

Regulation/ Instruction/ Ministerial Decree

### Three ministries to be directly related:









# LAW AND REGULATIONS Safety and Health



### **LAW**

- a. Law No. 3/1969 Regarding Approval of ILO Convention
   No.120 Concerning Hygiene in Commerce and Offices)
- b. Law No. 14/1969 Regarding the Principal Provisions
   Concerning Labor
- c. Law No. 1/1970 Regarding Work Safety
- d. Law No. 23/1992 Regarding Health
- e. Law No. 13/2003 Regarding Employment
- f. Law No. 32/2009 Regarding Environmental Protection and Management
- g. Law No. 24/2011 Regarding Social Insurance AdministrationOrganization
- h. Law No. 02/2017 Regarding substitute construction services

### **GOVERNMENT REGULATIONS**

- a. Government Regulations No. 28/2000 Regarding the Role of the Construction Services Community
- b. Government Regulations No. 29/2000 Regarding the
   Implementation of Construction Services
- c. Government Regulations No. 30/2000 Regarding the Implementation of Construction Services Development
- d. Government Regulations No. 50/2012 Regarding the Implementation of Occupational Safety & Health Management System
- e. Government Regulations No. 44/2015 Regarding the Organization of Work Accident Insurance and Life Insurance Guarantees



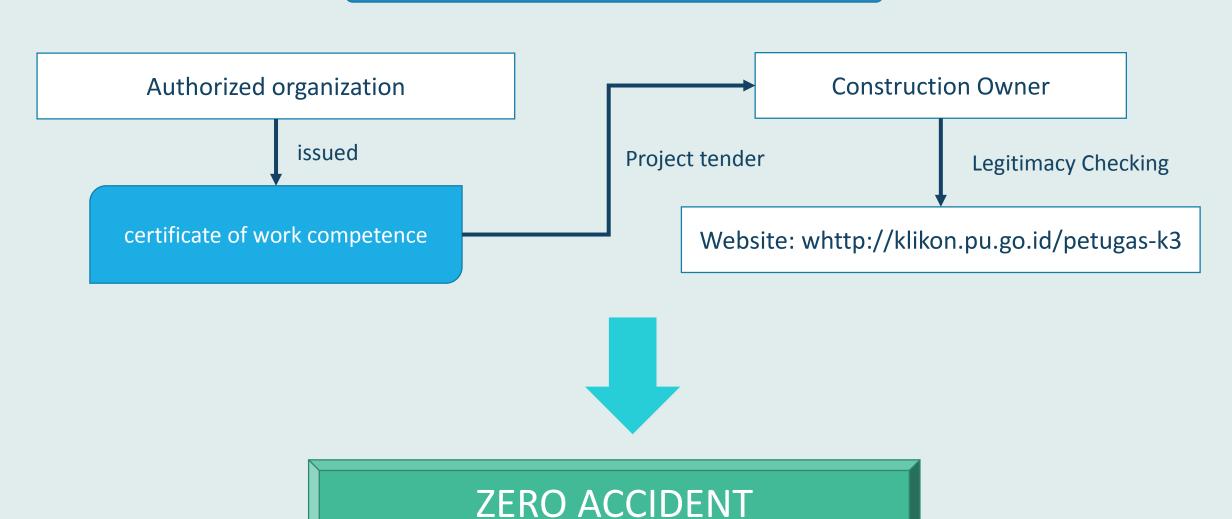
### **REGULATION/ INSTRUCTION/** MINISTERIAL DECREE

- a. Minister for Manpower and Transmigration Regulation No. 1/1980 regarding Occupational Safety & Health in Building Construction
- b. Minister for Manpower and Transmigration Regulation No. 4/1987 regarding Procedures for the Establishment of P2K3 and Appointment of K3 Experts
- c. Minister for Manpower and Transmigration Regulation No. PER.08/MEN/VII/2010 regarding Personal Protective Equipment
- d. Minister for Public Works Regulation No. 05/2014 About the Implementataion of Occupational safety and Health Managemnet System Guidelines for Construction in the Field of Public Works
- e. Minister for Public Works and Housing Regulation No 07/2019 Regarding Standards and Guidelines for Procurement of Construction Services Through Providers
- f. Minister of Manpower Instruction No. 2/M/BW/BK/1984 About Ratification of PPE
- g. Minister of Manpower and Minister of Public Works Joint Decree of No. 174/MEN/1986 and 104/KPTS/1986

# **LABOR INSPECTION SYSTEM**Safety and Health



### **LAW NUMBER 2 / 2017**



### **LABOR INSURANCE**

### Social Insurance Administration Organization

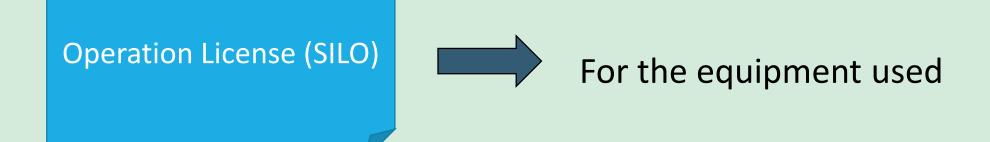


	Rate		
Project Value	Work Accident Insurance (JKK)	Life Insurance (JKM)	Total (JKK+JKM)
Rp 0 - Rp 100 million	0,21%	0,03%	0,24%
Rp 100 million - Rp 500 million	0,17%	0,02%	0,19%
Rp 500 j million - Rp 1 billion	0,13%	0,02%	0,15%
Rp 1 billion - Rp 5 billion	0,11%	0,01%	0,12%
> Rp 5 billion	0,09%	0,01%	0,10%

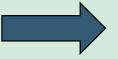
### **SAFETY EQUIPMENT AND FACILITIES**

In Construction Project





Operating Permit Certificate (SIO)

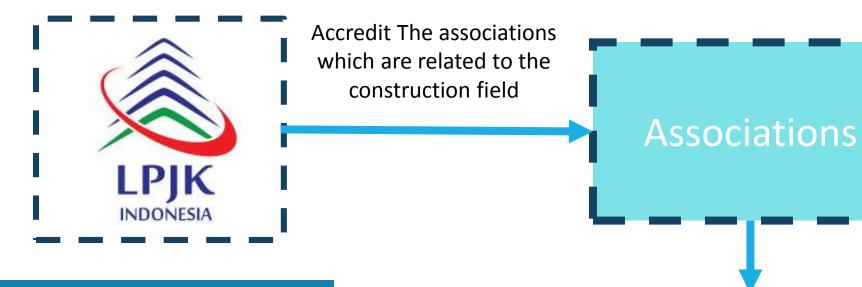


For the operator

### **SAFETY EQUIPMENT AND FACILITIES**

In Construction Project





Construction Services
Development Board of
Indonesia

to develop knowledge and technology in the field of construction safety and to certify OSH construction experts candidate



### Zero Accident in Every Construction Phase



### **PRE-CONSTRUCTION**

### CONSTRUCTION

### UTILIZATION

- 1. KKB
- 2. KKJTJ
- 3. KKBG

Safety Design

BUILDING SAFETY
COMMITTEE
(KOMITE K2)

(MPWH REGULATION NO 2-2018)

Implementation of Construction Safety

FAILURE OF BUILDINGS BY EXPERTS

(LAW NO 2-2017)

Utilization of safe and environmentally sound construction

KKB = Dam Safety Commission

KKJTJ = Bridge and Road Tunnel Commission;

KKBG = Building Safety Committee











# Thank You

Contact: Subditkbpupr@gmail.com





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- e. Minister for Public Works and Housing Regulation No 07/2019 Regarding Standards and Guidelines for Procurement of Construction Services

  Through Providers
- f. Minister of Manpower Instruction No. 2/M/BW/BK/1984 About Ratification of PPE
- g. Minister of Manpower and Minister of Public Works Joint Decree of No. 174/MEN/1986 and 104/KPTS/1986
- h. Circular Letter of Minister for Residental and Regional Infrastructure No. Um 03.05-mn/426 Regarding the Prevention of Work Accidents in the Implementation of Construction Activities
- i. Circular Letter of Minister for Pubic Works No. 13/SE/M/2012 Regarding the HIV and AIDS Control Program in the Construction Sector in the Ministry of Public Works
- j. Circular Letter of Minister for Pubic Works and Housing No. 11/2019 Regarding Technical Guidelines for Implementing a Construction Safety Management System Cost