

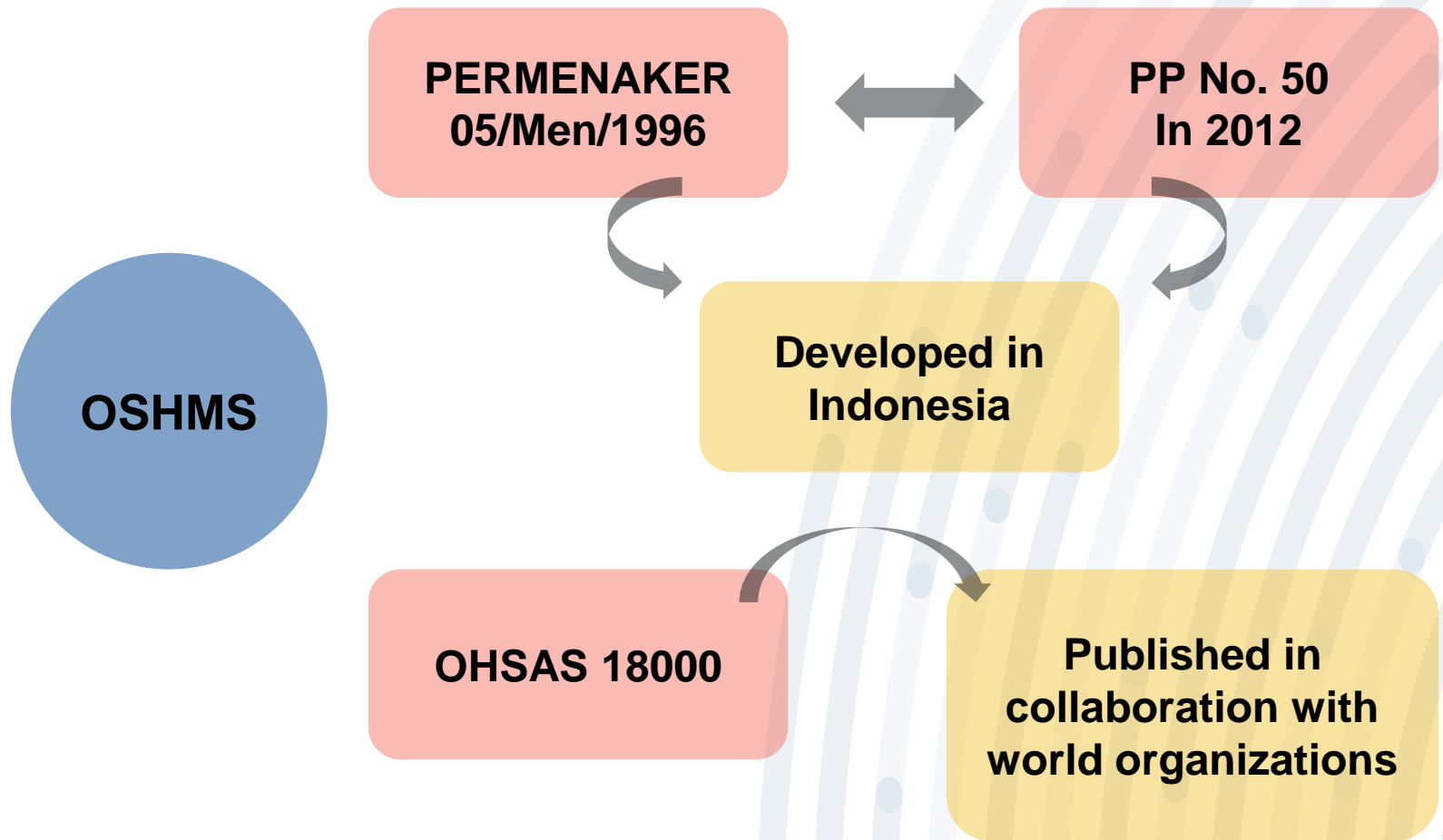
# OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT SYSTEM

- TEAM TEACHING OF OSH
- JURUSAN TEKNOLOGI INFORMASI
- POLITEKNIK NEGERI MALANG

# Review

- *More important health or safety?*
- *What is the legal basis for OSHMS in Indonesia?*
- *What topics in IT are currently trending?*
- *In the IT field, where are the most common OHS applications?*

# OSH Management System



# System and Standard

**PERMENAKER; PP; OHSAS**



**Not a safety standard product or service**



**Is a management system which governs how  
OSH applied to organizational activities**

# Definition of OSHMS

***According to PERMENAKER 05/MEN/1996. More important health or safety, About Occupational Health & Safety Management System.***

Is part of the overall management system which includes organizational structure, planning, responsibilities, responsibilities, implementation, procedures, processes and resources required for the development, implementation, achievement, review and maintenance of safety policies and occupational health in the context of controlling risks related to work activities in order to create a place safe, efficient and productive work.

# Definition of OSHMS

***According to PP No. 50 of 2012. About Implementation of Safety Management System & Occupational Health.***

Is part of the company's management system as a whole in the context of controlling risks associated with work activities the creation of a safe, efficient and productive.

# Definition of OSHMS

***According to OHSAS 18000.***

*OHSAS – Occupational Health and Safety Management Systems.*

Part of an organization's<sup>(1)</sup> management system used to develop and implement its OH&S policy<sup>(2)</sup> and manage its OH&S risks<sup>(3)</sup>

# Cont. Definition of OSHMS

*OHSAS – Occupational Health and Safety Management Systems.*

- 1) Company, corporation, firm, enterprise, authority or institution, or part or combination thereof, whether incorporated or not, public or private, that has its own functions and administration.
- 2) Overall intentions and direction of an organization related to its OH&S performance as formally expressed by top management.
- 3) Combination of the likelihood of an occurrence of a hazardous event or exposure(s) and the severity of injury or ill health that can be caused by the event or exposure(s)



# PERMENAKER & PP Desc OSHMS

**Has a division of the number/type of elements for the type of company that depends on the size of the small company.**



**The audit system is a performance appraisal.**



**Can only be audited by an auditing agency/body independent appointed by the Minister.**

# OHSAS Desc OSHMS

**Applies to all types of organizations without Pay attention to the size of the company.**



**The audit system is a conformity assessment.**



**Can be audited by any certification body.**

# Company Division & Criteria for PP & PERMENAKER

**Small company or  
company with level  
low risk**



**have to apply  
as much  
64 criteria**

**Perusahaan sedang  
atau perusahaan  
dengan tingkat risiko  
menengah**



**have to apply  
as much  
122 criteria**

**Perusahaan besar  
atau perusahaan  
dengan tingkat  
risiko tinggi**



**have to apply  
as much  
166 criteria**

# Success Measurement PP & PERMENAKER

**Achievement Level  
Application**

**Follow up**

**0 – 59% & violations  
regulations**

**Subject to action  
law**

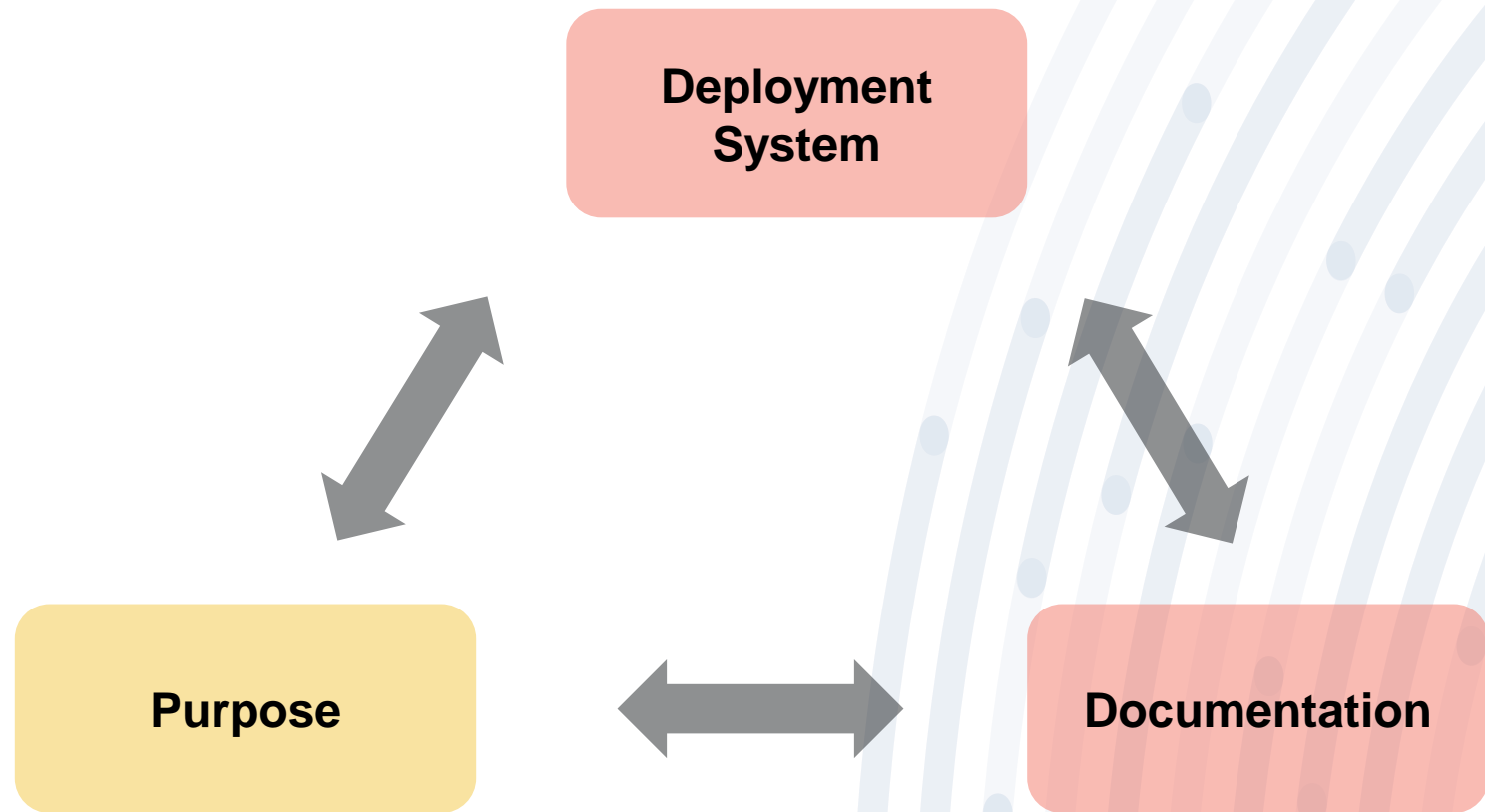
**60 – 84%**

**Awarded certificate  
and silver flag**

**85 – 100%**

**Awarded certificate  
and the golden flag**

# PERMENAKER, PP & OHSAS Equations

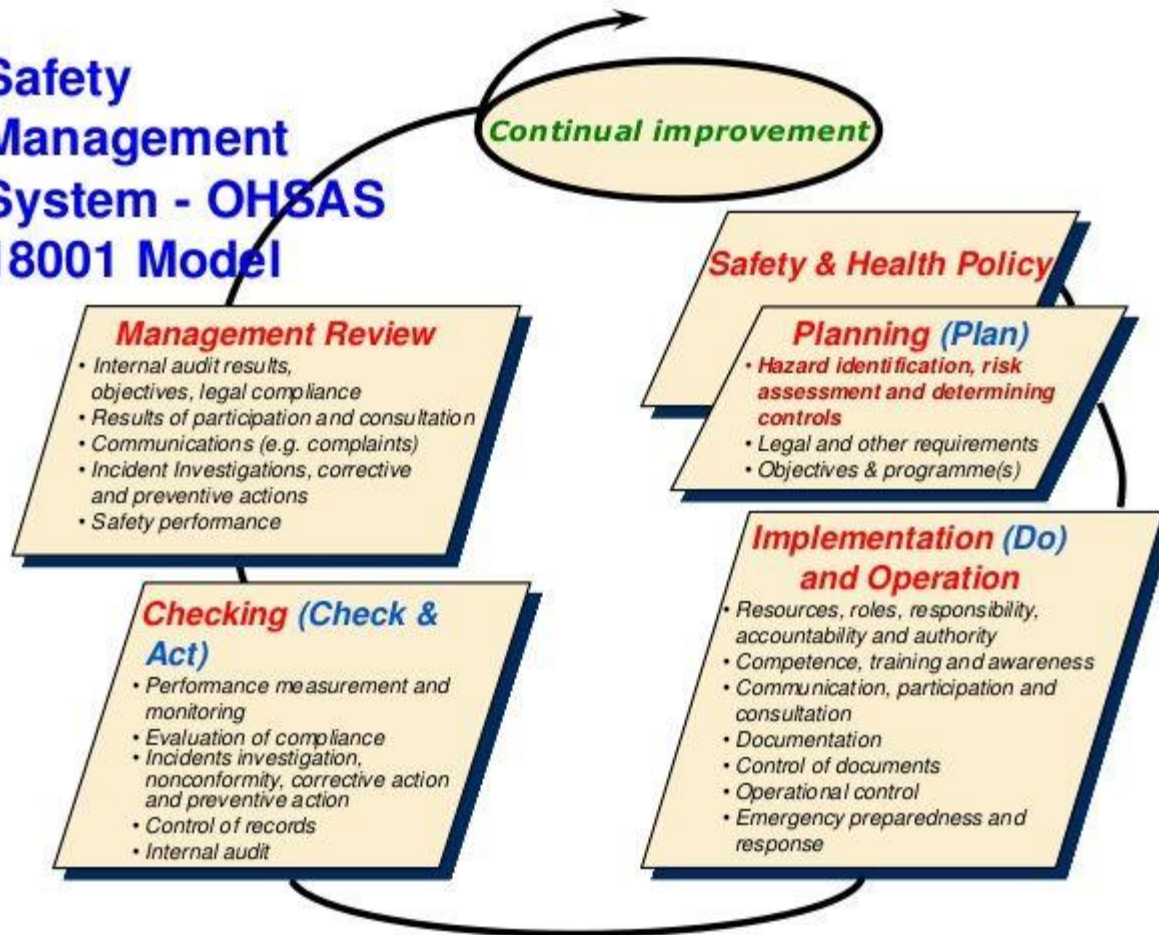


# OHSAS & Organizational Desire

- Creating an OSHMS that is useful for reduce or eliminate the level of risk that befall employees or related parties who affected by organizational activities.
- Implement, maintain and perform OSHMS continuous improvement
- Perform certification or conduct assessments alone.

# OHSAS Models

## Safety Management System - OHSAS 18001 Model



# PERMENAKER & PP Models





# Steps to Apply OSHMS

## A. Preparation phase

1. Express Commitment
2. Determine How to Apply
3. Establish an Implementation Working Group
4. Define Required Resources
5. Extension Activities
6. System Review
7. Preparation of Activity Schedule

## B. Development and Implementation Phase

8. Development of OHS Management System
9. System Implementation
10. Certification Process

# Steps 1 and 2

## 1. Expressing Commitment

- Statement of commitment and setting policy for implementing an SMK3 in the organization must be carried out by top management.

## 1. Determining How to Apply

- A company in implementing OHS management can also use the services of a consultant, but if not then the company must have sufficient capable personnel to organize and direct people.

# Steps 3 and 4

## 3. Establishing an Implementation Working Group

- The company forms a working group consisting of: on a representative from each work unit (generally manager). This is important because they are of course the most responsible for the work unit concerned.

## 4. Assign Required Resources

- Resources here include people or personnel, equipment and funds.

# Steps 5 and 6

## 5. Extension Activities

- This activity is carried out with the aim of equating perception and motivation on the importance of implementing OSHMS for company performance

## 6. System Review

- Established implementation working group then start working to review the system that in progress and then compared with requirements in OSHMS

# Steps 7 and 8

## 7. Preparation of Schedule of Activities

- Penyusunan jadwal kegiatan dipertimbangkan dalam hal ruang lingkup pekerjaan, kemampuan wakil manajemen dan keberadaan proyek.

## 8. Management System Development OSHMS

- Includes documentation, group division, preparation of flowcharts, work procedures and instructions

# Steps 9 and 10

## 9. System Deployment

- Working group members gather all staff and explain the contents of the document.
- Working group members together with their work unit staff start trying to apply the things that have been written.
- Collect all OHS records and recorded records that is written evidence.

## 10. Certification Process

- PERMENAKER and PP must be appointed by the minister (= Sucofindo), while for OHSAS you can use any institution.

“

- Thank You