

NIOSH Role Towards Enhancing OSH in CONSTRUCTION

SEMINAR KEBANGSAAN KESELAMATAN DAN KESIHATAN PEKERJAAN SEKTOR PEMBINAAN

FADZIL OSMAN

NIOSH

17 DECEMBER 2014



ISO 9001:2008
Management Quality System



OHSAS 18001:2007 & MS1722:2011
Safety and Health
Management System



Industrial Hygiene Analytical Laboratory (IHAL):
MS ISO/IEC17025,
SAMM No. 412 LAB ANALYSIS



SCOPE

1. Overview of NIOSH activities
2. Construction Reality
3. Construction Related Training Program
4. Consultancy Services
5. Research and Development
6. Way Forward

NIOSH BACKGROUND

Established as a Company Limited by Guarantee under the Ministry of Human Resources complying to Company Act, 1965 on 24th June 1992 and began operations in 1993

VISION

To be the leading centre of excellence in Occupational Safety and Health.

MISSION

To be the preferred partner in enhancing Occupational Safety and Health in Malaysia.

CORE FUNCTION 1 - TRAINING

To improve the level of OSH awareness, knowledge and skills through the curriculum development and training programs for employees

Practitioners Competency
Safety Skill competency
Public and awareness
Trainers
Induction/passport

General safety

OSH management

Ergonomics

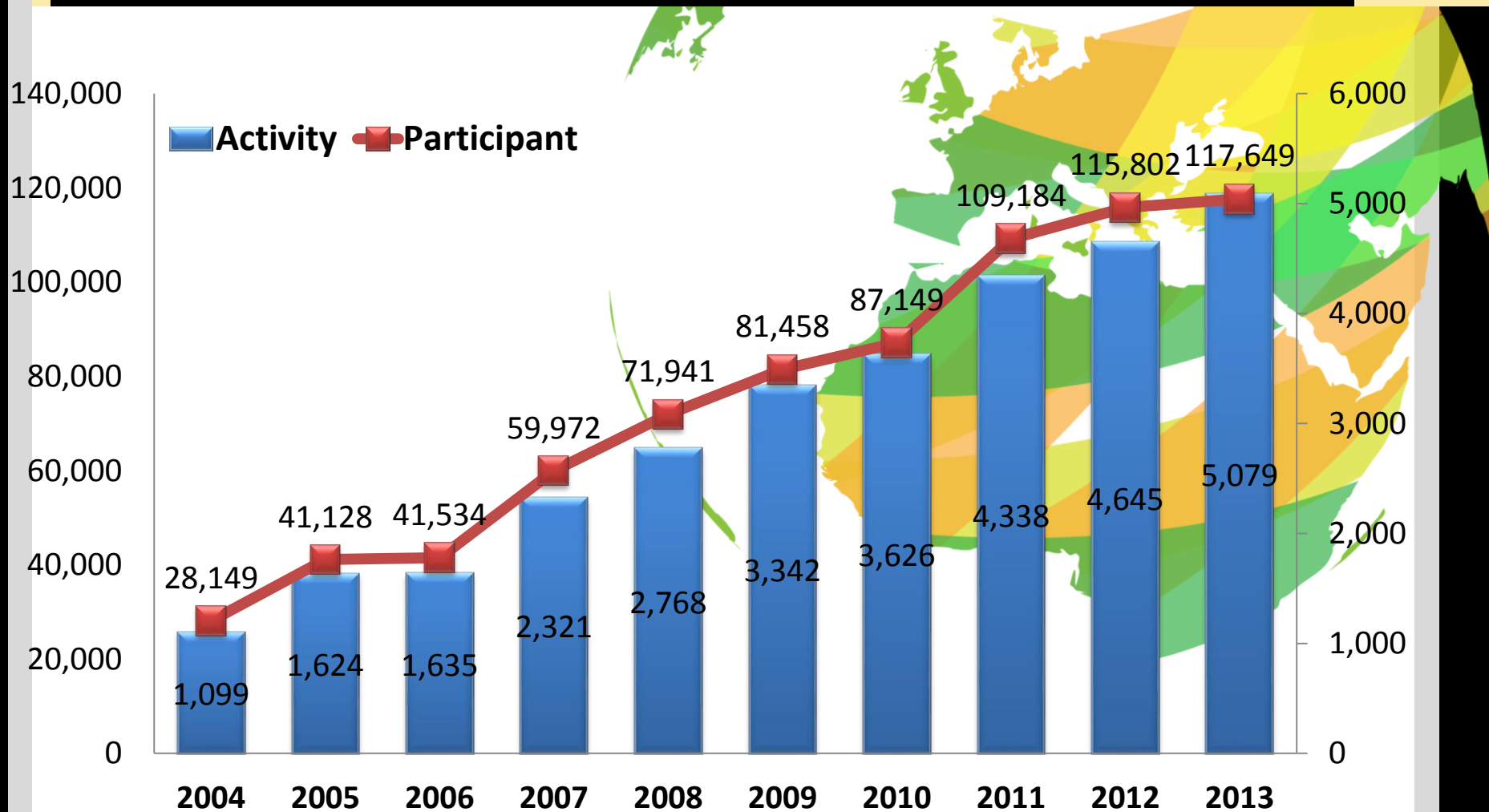
Occupational Health

Chemical Safety

Industrial Hygiene



SESSIONS AND PARTICIPANTS



CORE FUNCTION 2 -CONSULTANCY

Assisting industries, trades and other sectors in solving issues relating to OSH

Legal compliance

- Chemical health risk assessment , noise monitoring, chemical monitoring. medical surveillance, audiometric test

Technical services

- Laboratory analysis, meter calibration.

OSH solutions

- Gap analysis, OSHMS development. Auditing

General Advisory

- Customize module development, wellness program



CORE FUNCTION 3 –RESEARCH & DEVELOPMENT

To conduct short term and long term researches in fields related to OSH that would benefit the country

External and internal grant;

In-house and collaboration

Article writing for journal



CORE FUNCTION 4- INFORMATION DISSEMINATION

**Disseminate information from researches
and the centre of reference in OSH**

Exhibition Centre, Mobile Exhibition Team,

OSH Talk ,seminar, conference

Publication – Journal, leaflet, poster, VCDs

Library

Website and Forum



LAB SERVICES

1

• **Environmental Sample Analysis**

2

• **Biological Sample Analysis**

3

• **Microbiological Sample Analysis**

4

• **Gas Detector Calibration**



**Multiple
Disciplines
and
Employers**

Dynamic

**High
proportion
of immigrant
workers**

**CONSTRUCTION
REALITY**

**Highly
Competitive**

**Focus more
on safety
than health**

**Inherent
hazards**

HAZARDS IN CONSTRUCTION

3D

Dirty
Difficult
Dangerous

4D

Dirty + Difficult + Dangerous =
Death



Hearing Loss

Silica

Welding fumes

Musculoskeletal Disorders

Fall from height

Vehicles

Collapsed of structure

Lifting operation

Slip/trip

Electrocution