5th China International Forum on Work Safety
Beijing, 31 August – 2 September 2010

Strategic Approach to
Occupational Safety and Health

Seiji MACHIDA
SafeWork, ILO Geneva
Global Challenges on OSH

Estimated Annual Work-related Deaths and Injuries

- 2.3 million deaths
- 337 million injuries
- 4% of gross domestic product lost
Observed and projected deaths from mesothelioma in British men

*The exposure index can be thought of as representing the number of asbestos fibres breathed by the male population in that year.
Hazardous Industries/Factors

- Construction
- Mining
- Agriculture and Forestry
- Chemicals, Radiation
- Ergonomics
- Psychosocial Factors
Globalization and OSH

- More and More Industrial Activities in developing countries and countries in transition
- Rapid changes of activities
- Increase of global enterprises (multinationals)
ILO Instruments

Relevant to OSH

International Labour Standards

- 19 Conventions
- 2 Protocols
- 26 Recommendations

Other instruments

- ~37 Codes of Practice
Recent OSH Conventions

- C155: Occupational Safety and Health
- C161: Occupational Health Services
- C162: Asbestos
- C167: Construction Safety
- C170: Chemicals
- C174: Prevention of Major Industrial Accidents
- C176: Safety and Health in Mines
- C184: Safety and Health in Agriculture
- C187: Promotional Framework for OSH
- P155: Recording and Notification
37 CoP on OSH

- Indications of impact
- Requests for translations
- Related activities and requests for assistance
Globally Harmonized System for Classification and Labelling of Chemicals
ILO Encyclopaedia of Occupational Health and Safety
In Eng-Fre-Spa-Chi-Rus-Jap-Kor

Web Version
http://www.ilo.org/safework_bookshelf/english/
A new list of occupational diseases
Annex to the List of Occupational Diseases Recommendation(No. 194)
adopted in March 2010

1. Mental and behavioural disorders have for the first time, been specifically included
2. Open items in all the sections
3. 8 Diseases caused by biological agents added
4. For the purpose of prevention, recording, notification and, if applicable, compensation of diseases caused by work
Global Strategy on OSH
(2003 ILC Conclusions)

Main Pillars

- Preventative Safety and Health Culture
- Systems Approach to OSH
Creation of Preventative Safety Culture

• Behaviour of Workers?
• Top Management, Managers, Supervisors
• Corporate Culture
• Preventative National Safety Culture

right to a safe and healthy working environment is respected at all levels, where governments, employers and workers actively participate in securing a safe and healthy working environment
World Day for Safety and Health at Work
28 April

Health and life at work: A basic human right

Emerging risks and new patterns of prevention in a changing world of work
Seoul Declaration
Safety and Health Summit, 2008

• OSH as Society Responsibility: National Preventative Safety Culture
• Continuous improvement through systems approach
• Call for ratification of C187
• Enforcement System including Labour Inspection
• Employers: OSH-MS, Integration of OSH into business
• Workers: participate in training/awareness-activities
OSH management system in the enterprise

Main elements

• Policy
• Organizing
• Planning and implementation
• Evaluation
• Action for improvement
ILO-OSH 2001
Guidelines on OSH Management Systems

Arabic, Bulgarian, Czec, Chinese, English, Finish, French, German, Georgian, Hindi, Hebrew, Japanese, Korean, Malay, Polish, Portuguese, Russian, Spanish, Thai, Urdu, Vietnamese,
<table>
<thead>
<tr>
<th>Enterprise</th>
<th>National</th>
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<tbody>
<tr>
<td>Enterprise OSH Policy</td>
<td>National OSH Policy</td>
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<tr>
<td>Organizing Structure</td>
<td>National OSH System</td>
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<tr>
<td>Annual Planning</td>
<td>National OSH Programme</td>
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<tr>
<td>Evaluation</td>
<td>Review national programme</td>
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<td>Action for improvement</td>
<td>Formulating new national Programme</td>
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<td>for continual improvement</td>
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Convention No. 187
Promotional Framework for OSH

- Continual improvement of national OSH systems and performance through national OSH programmes (Management Systems Approach)
- Placing OSH high at national agendas
- Promote application of existing ILO OSH instruments
- Soonest Ratification by most countries
Key Terms of the Promotional Framework for Occupational Safety and Health Convention and Recommendation

• National OSH Policy
• National OSH System
• National OSH Programme
• National OSH Profile
NATIONAL OSH Policy

National Policy on OSH developed in accordance with the principles of Article 4 of the Occupational Safety and Health Convention (No. 155)
NATIONAL OSH SYSTEMS

- OSH legislation
- Compliance assurance including Inspection
- National tripartite advisory body on OSH
- OSH data collection mechanism
- OSH service network
- OSH training/information network
- Arrangement to promote management/worker collaboration at the enterprise level
Challenges for OSH System

- Data on Occupational Accidents/Diseases
- Legislation (coverage, mechanism to promote action at enterprises)
- Government Inspection
- OSH Support Service Network
Data on Occupational Accidents/Diseases

- Key indicators for OSH Situation/Performance
- Collection methods
  - Reporting required by Laws
  - Claims of Insurance Schemes
- Coverage of Laws and Insurance Schemes
  - Small enterprises, self-employed
- Occupational Diseases
  - Time Lag, Diagnosis, National List
  - Evidence for link with Occupation
  - New ILO List of Occupational Diseases (March 2010)
OSH Laws and Regulation

- Prevention action to be taken at the enterprises (identifying and managing risks)

- Legislation: to make sure necessary actions to be taken by the employers/workers (management system and minimum requirement)

- Coverage, mechanism to promote action at enterprises
Government Inspection

- Ensure laws and regulations are followed
- Strategically use all available means of action to ensure compliance with laws
- Visits/inspection of sites with legal power
- Designing and function of national OSH systems, particularly information and training
OSH Support Service Network

- Setting up OSH management system at the enterprises
- Training of OSH Specialists
- Technical inspection of machineries
- Occupational health services
- Service available nation-wide with reasonable costs
OSH Support Service Network

- Mechanisms for service network to be supported by legislation
- Clarifying requirements: Safety engineers, occupational physicians, trainers
- Designation/authorization of training/service institutions
- Mobilization of academic and professional institutions
NATIONAL OSH PROGRAMME

- Medium-term strategic programme
- Include targets and indicators of progress
- Promote national preventative safety and health culture
- Continual improvements of OSH performance
- Endorsed by highest national authority
Strategic Approach for Strengthening of National OSH Systems through National Programme

National OSH Programme
- Promote Preventative Safety and Health Culture
- Strengthen OSH System
- Targeted action:
  Construction, SME's, Agriculture etc.

National OSH SYSTEM

ILO Conventions/Recommendations/Codes/Guides should be used as the basis for programme formulation and System improvements
NATIONAL OSH PROFILE

- Summary of OSH situation (accidents data...)
- Summary of OSH system status
- Tool for developing national OSH programme
- Benchmark for progress review of national OSH systems/performance
**National Profile, selected indicators**

- National Profile made (0-10)
- National System on Chemical Safety, based on Conv. 170, GHS, CSDS, ICSC’s (0-10)
- Management systems, implementation of ILO-OSH 2001 (0-10)
- Recording and notification system on acc/dis. (0-10)
- Knowledge management and information centre, ILO/CIS (0-10)
- Fatal accidents index (based on fatality 100-0/100,000)
- Occupational accident index (based on acc. rate 100-0/1000)
- List of Occupational Diseases and compensation criteria (0-10)
- Awareness campaigns, such as April 28 (0-10)
- Ratification of ILO OSH-standards (100-0%)
- National Policy, Strategy, Programme Action Plan, targets, deadlines (0-10)
- Occupational health services (100-0%)
- Coverage of Labour Inspection (0-100%)
- Coverage of Workers’ Compensation (0-100 %)
- Coverage of occupational health services (100-0%)
- Labour inspectors, number (0-10/100,000)
- Asbestos restricted/banned, (0-10 eg. Based on consumption 5-0 kg/capita)

**earlier year**

**later year**

**benchmark country**
ELEMENTS OF RECOMMENDATION

- Link National OSH Programme with other programmes such as Economic Dev. Plan
- List of OSH instruments to be taken into account (Annex)
- OSH awareness campaigns/education
- Promote OSH management systems approach
- National OSH Profile (tool for review)
- International exchange of information
Usefulness of Promotional Framework

1. New Convention provides a framework for continual improvement and facilitate dialogue

2. Action plans to be elaborated based on the needs analysis for tailored plans with social partners

3. All countries have always room for improvement

4. Promote use of existing OSH Conventions

5. Facilitate inter-country exchange of experience
Ratification of Convention No. 187

2007: Japan

2008: Republic of Korea, United Kingdom, Finland, Sweden, Cuba, Czech Republic

2009: Denmark, Niger, Spain, Cyprus, Serbia

2010: Republic of Moldova, Slovakia, Germany

Many other countries in the process of ratification
Key for Success

- High Level Commitment to OSH (National, Enterprise Level)
- Preventative Safety and Health Culture
- Active Participation of All (particularly Workers)
Seoul Declaration
Safety and Health Summit, 2008

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THANK YOU!