



T.C. ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI
İŞ SAĞLIĞI VE GÜVENLİĞİ GENEL MÜDÜRLÜĞÜ

COLLABORATION OPPORTUNITIES ON OSH AMONG OIC MEMBER COUNTRIES: TURKEY'S CAPACITY

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CONTENT

- Baseline In Turkey and OSH Services
- Industrial Hygiene Laboratory & Occupational Measurements
- Occupational Health Activities
- International Collaboration

BASELINE IN TURKEY AND OSH SERVICES (1/11)

Main Figures (2012)

Total Population:.....73,950,000

Labour Force:.....27,921,000

Labour Force

Participation Rate (%):50.7

Number of Occupational

Accidents:.....126,204

BASELINE IN TURKEY AND OSH SERVICES (2/11)

MINISTRY OF LABOUR AND SOCIAL SECURITY DIRECTORATE GENERAL FOR OCCUPATIONAL HEALTH AND SAFETY (DGOSH)

Established in 2000



BASELINE IN TURKEY AND OSH SERVICES (3/11)

Duties of DGOHS

- To adapt and to ensure the implementation of legislation in the field of OHS,
- To determine the national policies and prepare programmes,
- To plan, program and ensure the implementation of study and research activities on occupational health and safety and prevention of occupational accidents and diseases,
- To establish collaboration with national and international organizations and coordinating the national and international activities regarding OSH.
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BASELINE IN TURKEY AND OSH SERVICES (4/11)

Legislation Activities Since 2003

- **Labour Law:** issued in 10.06.2003
- **Directive Activities:** 33 new OSH directive have been issued
- **Adaptation Activities:** According to National Programme, 23 EU directives have been adapted and issued as 20 OSH directives.
- **Occupational Health and Safety Law:** issued in 30.06.2012

BASELINE IN TURKEY AND OSH SERVICES (5/11)

Occupational Health and Safety Law

- All workers (including the civil servants) are within the frame of occupational health and safety
- All workers have the right to benefit from professional OSH services regardless of the type of occupation and number of workers in the related organization.
- The Law has a proactive approach and risk analysis is obligatory
- **Worker's consultation in OSH issues**
- Continuous improvement is aimed on the implementation of OSH activities

BASELINE IN TURKEY AND OSH SERVICES (6/11)

OSH Service Models

- Part-time employment of Occupational Physician and OSH Expert
- Full-time employment of Occupational Physician and OSH Expert
- Service procurement from Common Health and Safety Units

Government is financing the professional OSH costs of companies having less than 10 workers.

BASELINE IN TURKEY AND OSH SERVICES (7/11)

OSH Week

- In order to raise awareness and improve the safety culture, OSH weeks have been organized by MoLSS since 1987 every year between 4th and 10th of May.
- 26th OSH week is being realized at Şanlıurfa with the theme of 'OSH at agriculture'.
- **One day prior to the week, training activities regarding risk analysis, PPE and training of trainers have been conducted.**



BASELINE IN TURKEY AND OSH SERVICES (8/11)

19th World Congress (11-15 September 2011)



- Minister of Labours Summit have been realized for the first time
- Participation of 38 Ministers **(record)**
- 5386 participants **(record)**
- 1795 international participants **(record)**
- 1076 declarations **(record)**
- 145 participant country **(record)**
- 13667 fair participants **(record)**
- 200 film and multimedia application **(record)**
- 101 accredited media participants **(record)**

BASELINE IN TURKEY AND OSH SERVICES (9/11)

International OSH Conference

- Is being organized since 2001 once in every year.
- Conference participants are governmental, workers and employer representatives from EU, Balkan, Caucasia and Middle Asia countries
- Last conference have been realized during the 19.th World Congress with 2388 participants
- 7th Conference will be realized in May 2014

BASELINE IN TURKEY AND OSH SERVICES (10/11)

Publications

- OSH Magazine have been published since 2001 every quarter with 5000 copies and distributed to stakeholders for free.
- OSH Bulletin have been published monthly since 2012
- Training materials (CD, Leaflet)
- 200,000 posters have been distributed



BASELINE IN TURKEY AND OSH SERVICES (11/11)

International Projects

- EU Resources
 - IPA (Instrument for Pre-Accession Assistance)Projects
 - ISAG I
 - ISAG II
 - **ISGIP**
 - ISGLABTEK etc.
 - PPE Development
 - Leonardo Project (ENETOSH)
 - MATRA Projects
 - TAEIX(Technical Assistance and Information Exchange) Events
 - 14 TAEIX Workshops were carried out and 2100 OSH Professional were trained since 2008

INDUSTRIAL HYGIENE LABORATORY AND OCCUPATIONAL MEASUREMENTS (1/3)

Occupational Measurements

Main Measurements Are:

- Gas
- Dust
- Air Flow
- Thermal Comfort
- Noise
- Vibration
- Illumination



INDUSTRIAL HYGIENE LABORATORY AND OCCUPATIONAL MEASUREMENTS (2/3)

Analysis

- **Gas Chromatography (GC):** Aromatic Hydrocarbon analysis
- **Gas Chromatography- Mass Spectrometry (GC-MS):** Heptane and hexane analysis
- **Ion Chromatography (IC):** Inorganic acids and ammonia analysis
- **Atomic Absorption Spectrometry (AAS):** Heavy Metal Analysis



INDUSTRIAL HYGIENE LABORATORY AND OCCUPATIONAL MEASUREMENTS (3/3)

Analysis

- **High Pressure Liquid Chromatography (HPLC):**
Formaldehyde Analysis
- **Phase Contrast Microscope:**
Asbestos and fibreglass counting
- **Scanning Electron Microscope (SEM):**
Asbestos and fibreglass determination and counting



OCCUPATIONAL HEALTH ACTIVITIES(1/2)

Main Activities

- Blood and Urine Analysis
- Lung Radiography
- Respiratory Function Tests
- Hearing Tests (Audiometry)



OCCUPATIONAL HEALTH ACTIVITIES(2/2)

Mobile Occupational Health Vehicles

- Heart – Lung Scanning Vehicle
- Medical Laboratory Vehicle
- Hearing Test Vehicle



INTERNATIONAL COLLABORATION (1/9)

- **International Labour Organization Occupational Health and Safety Information Centre (ILO-CIS)**
- **Member of World Health Organization Collaborating Centre (WHO-CC)**
- **Contact Point of European Union Occupational Health and Safety Agency (EU-OSHA)**
- **Collaboration Protocol with Germany-Dresden Occupational Health and Safety Academy**
- **BG**
- **ISSA Mining**
- **Organisation of Islamic Cooperation-Statistical, Economic and Social Research and Training Center for Islamic Countries (OIC-SESRIC)**

INTERNATIONAL COLLABORATION (2/9)

Collaboration with SESRIC



- **First meeting with SESRIC was on January 2010**
- **Expert Exchange Project**
- **Transfer of Innovation Project**
- **Training of Capacity Building Project**
- **OIC Network for Occupational Health and Safety Project (OIC-OSHNET)**

INTERNATIONAL COLLABORATION (3/9)

Expert Exchange Project

8 person from 7 OIC-member countries (Azerbaijan, Jordan, Libya, Malaysia, Pakistan, Saudi Arabia, representatives of OSH foundations in Syria and representative of ALO in Syria) came to ISGUM for study visit and were trained about sampling, analyzing and risk assessment for a week. (24 - 28 May 2010)



INTERNATIONAL COLLABORATION (4/9)

Capacity Building Project

An OSH Expert from Malaysia National Occupational Health and Safety Institute trained related DGOSH staff about

- **International Occupational Health and Safety Regulation**
- **Occupational Health and Safety Management Systems**
- **Risk Assessment Methods**

(13-15 December 2010, Ankara)

INTERNATIONAL COLLABORATION (5/9)

Capacity Building Project

An OSH Expert from DGOSH gave a training to the personnel from Sultanate of Oman Ministry of Health Environmental and Occupational Health department about

- Chemical Factors
- Chemical Exposure

(25-27 April 2011, Oman)



INTERNATIONAL COLLABORATION (6/9)

Capacity Building Project

A trainer from DGOSH was in Malaysia to train 22 personnel from Malaysia Ministry of Health on

- Chemical Exposure
- Chemicals in Hospitals
- Methods of Protection from Chemicals
- Social Marketing and Project Development for changing Workers' Behavior

(5-9 March 2012, Malaysia)



INTERNATIONAL COLLABORATION (7/9)

OIC Network for Occupational Health and Safety

A kick-off meeting was arranged for creating awareness about OSH in OIC countries and establish a common network between member countries. (16-17 May 2011, Ankara)

Participants from 15 different countries (Turkey, Albania, Bangladesh, Egypt, Iraq, Jordan, Kyrgyzstan, Lebanon, Malaysia, Morocco, Oman, Palestine, Pakistan, United Arab Emirates, Senegal)



INTERNATIONAL COLLABORATION (8/9)

OIC Network for Occupational Health and Safety

Expectations:

- **Increase of awareness**
- **Increase in Institutional capacity**
- **Showing the best practice examples**
- **Exchange of information-communication- expert between member countries**
- **Bilateral or multilateral projects between long-term member countries**

Turkey plays a role as a continental bridge, also has similar mission to carry European knowledge and experience on OSH to the OIC member countries. Thus, Turkey supports promoting safety culture worldwide.

Thank you for your attention

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