

FINAL REPORT

UNISDR ONEA/GETI and Ulsan Private Sector Workshop on Making Enterprise Strategy for Climate Change and Disaster Risk Reduction

Ulsan Metropolitan City, Republic of Korea, October 27, 2015



I. Context of Ulsan's Disaster Risk Management and Background of Workshop

Ulsan Metropolitan City, is South Korea's seventh largest metropolis with a population of over 1.1 million, divided into four districts and one county. It is located in the south-east of the country, neighboring Busan to the south and facing Gyeongju to the north, meaning that the city are geographically under the risk of nuclear disaster from two nuclear power plants located in its neighboring cities respectively. Ulsan is heavily industrialized city including the world's largest shipyard operated by Hyundai Heavy Industries and the world's second largest oil refinery, owned by SK Energy.

Regarding the climate, Ulsan has a monsoon-influenced humid subtropical climate, with somewhat cold but dry winters, and hot, humid summers. Monthly means range from 2.0 °C (35.6 °F) in January to 25.9 °C (78.6 °F) in August, with diurnal temperature ranges generally low. Its location on the Korean peninsula results in a seasonal lag, with the warmest days being in August and averaging very near 30 °C (86 °F). However due to the effect of regional climate change during the winter and early spring season Ulsan has recently suffered from occasional heavy snows causing challenges to transportation and logistics management in private sector as well as public sector.

In the aspect of the geographical location, the characteristics of chemical industry, and upcoming onset climate hazards, the local government and enterprises have recognized the necessity of enhancing their resilience from potential community catastrophe to business interruption, and developed many-sided measurements according the Korean government's regulations, guidances and guidelines related to making city and workplace safe. Furthermore Ulsan after joining the MCR Campaign in 2014, has concluded MOU with UNISDR ONEA/GETI to get the advanced training assistances, and gotten an two-hour UNISDR GETI's education on knowledge and methodologies on DRR for 200 employees for local government and volunteer works from grassroots NGO right after the ceremony of MOU. This workshop was the second joint efforts of Ulsan and UNISDR ONEA/GETI.

II. Introduction and Methodology of Training Workshop

On October 27, 2015 the UNISDR Office for Northeast Asia and Global Education and Training Institute (UNISDR-GETI) provided a **1-day Onsite Training Workshop on Making Enterprise Strategy for Climate Change and Disaster Risk Reduction** in close partnership and as a part of Joint training initiative with Ulsan, South Korea.

Purpose

- Enhancing Private Sector workers' awareness on the necessity of Business Continuity Management (BCM) against Climate Change and Disaster Risks
- Providing methodologies of selecting enterprise strategy and making action plan for business continuity focusing on managing Climate Change and Disaster Risks

Outline

- **Hours and Venue: 8hrs 30ms (9 am to 5:30 pm)** at the main conference room of Ulsan Metropolitan City Hall.
- **Target: 80 workers** working in BCM for Private Sector (All participants are organized into **9 groups** for group activities in the afternoon)
- **Language: Korean.**

Resource Person

- **Mr. Sanjaya BHATIA**, Head of UNISDR ONEA/GETI
- **Mr. Eung-Yung Lee**, Seconded Officer of UNISDR ONEA/GETI from Korean Ministry of Public Safety and Security

Agenda, Time and method

Module 1: Understanding DRM, BCM, UNISDR's function and Sendai- Framework (lecture for 9:15~10:45)

Resource Person: **Mr. Eung-Yung Lee** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- Improve their understanding of risk assessment and management terminology and concepts;
- Improve comprehension of business continuity plan and management; and
- understand the history of DRR in Global society, coordination platform of UN and newly emerged Sendai Framework for DRR.

Module 2: Understanding Global business' Risk Profile & Case Studies of Smart Business in Action (lecture for 11:00~11:30)

Resource Person: **Mr. Eung-Yung Lee** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- Improve their understanding of risks facing global businesses;
- compare global businesses' risks with their businesses' ones; and
- Identify some smart businesses' measures against challenges from disaster and climate change risks.

Module 3: Understanding the necessity of preparing your business resilient to global and local disaster & Climate Change risks (lecture for 11:30~12:00)

Resource Person: **Mr. Sanjaya BHATIA** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- Improve their understanding of how foreign countries' disasters affect their businesses in terms of supply chain's interruption with some cases.

Module 4: Assessing your business' risk on Disaster & Climate Change as well as others (group activities for 13:15~14:45)

Resource Person: **Mr. Eung-Yung Lee** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- Improve their abilities to assess their businesses' risks of disasters and climate change as well as other kinds; and
- Improve comprehension of 'Risk Map'.

Module 5: Making a Disaster & Climate Risk Strategy and action plan for your Business (group activities for 15:00~16:30)

Resource Person: **Mr. Eung-Yung Lee** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- ability to make strategies for managing risks in their contexts;
- design action plans to implement the strategies; and
- think over to monitor and evaluate the progress of their resilience to risks in their contexts.

Module 6: Group Presentation (9 groups) and Evaluating the Workshop

Resource Person: **Mr. Eung-Yung Lee** (UNISDR ONEA/GETI)

Achieved Outcomes: During this Module Sessions participants had a chance to

- share mutual experiences on BCM on DRR and CCA with participants with various experiences from similar industry;
- have a draft action plan for further development on work-site operations; and
- get an answer to questions from the safety authority in urban.

III. Evaluation of the Training Workshop

The training was evaluated by a structured questionnaire in four point scale, and the questionnaire required making comments on what the best was or what the problematic was, and offering advices on improvement. All the Open-Ended and Closed-Ended Questions in the evaluation form were to evaluate the quality of the workshop operations and make the workshop better.

Analysis: This workshop in general had **a positive evaluation** from 56 responders of 60 participants. Responders showed **their preference on the organization of six modules and preparations for operation.**

Overall rating of the workshop content, six modules of training course with their group exercises, and the presentations showing results of group activities is **"Agree" or "Strongly Agree" in four point scale.**

Seven itemized lists included the following;

- I got the general knowledge of DRR and CCA;
- I understood the global business' trend on DRR and CCA;
- I understood the enterprise should try to do their own DRR and CCA for sustainable growth;
- I got the idea on what is good and what is bad in my business regarding DRR and CCA;
- I understood to consider the safety of supply chain in BCM;
- I understood overall contents of this workshop and agree things I learned would be helpful to be used in my work; and
- I got useful ideas from the conversations with participants from similar industry.

Proposed recommendations for improvement included: Most participants expressed that continuously taking chance and learning from "enterprise to enterprise" by conversation and drafting strategy and action plan on DRR and CCA with simple and clear tools and methodology. Therefore local governments are recommended to give workers for enterprises in their jurisdictions more chances of participating in this kind of workshop operated in Korean. UNISDR ONEA/GETI also needs to sharpen technically in organizing related programs and operating them.

All recommendations for improvement will be considered in planning for the next series of the UNISDR ONEA/GETI's PS workshops scheduled for 2015 and 2016 in South Korea as necessary.



IV. Korean Local Press Report Photos and Details

울산제일일보

2015년 10월 28일 수요일
009면 사람들



재난위험관리전략 워크숍 UNISDR 방재안전도시 인증을 위한 기업의 재난 및 기후변화 위험관리전략 워크숍이 27일 울산시청 시민홀에서 열렸다. 정동석 기자

울산매일

울산신문

2015년 10월 28일 수요일 015면 사람



기후변화 위험관리전략 워크숍 27일 시청 시민홀에서 UNISDR 방재안전도시 인증을 위한 기업의 재난 및 기후변화 위험관리전략 워크숍이 열렸다. 유은경기자 usyek@

2015년 10월 28일 수요일 010면 사람



UNISDR 재난위험관리전략 워크숍 27일 시청 시민홀에서 열린 UNISDR 재난위험관리전략 워크숍에서 이지현 행정부시장과 참석자들이 기념촬영을 하고 있다.

경상일보

2015년 10월 28일 수요일
017면 사람



27일 울산시청 시민홀에서 열린 UNISDR 재난위험관리전략 워크숍에서 이지현 행정부시장과 참석자들이 기념촬영을 하고 있다.

울산시, 기업을 위한 재난 관리 전략 워크숍

유엔재해경감사무국과 한자리에
재난관리전문가 등 100여명 참석
“2017년 ‘방재안전도시’인증 획득”

울산시가 기후변화 및 재해에 강한 도시 만들기 사업을 강력 추진하고 있다.

울산시와 유엔재해경감전략사무국(소장 산자야 바티아)은 27일 오전 시청에서 ‘기업의 재난 및 기후변화 재난 위험관리 전략 만들기’를 주제로 워크숍을 개최했다.

이번 워크숍은 ‘2017년 유엔재해경감 전략기구(UNISDR)의 방재안전도시 인증’을 획득하기 위한 자리로 마련됐다.

기업체를 위한 ‘재해위험관리 전략 만들기 워크숍’은 우리나라에서 처음이다.

이날 워크숍에는 기업체 안전관리 관계자, 시와 구·군 및 산하 공기업 재난관리 담당자 등 100여명이 참석했다.

워크숍은 △재난 및 기후변화 재해위

험관리 이해(강의) △글로벌 기업의 위험양상 및 위험관리 사례 연구(사례별 질의 답변) △기업의 재난·기후변화 위험평가(분임토론) △재난·기후변화 위험에 대처하기 위한 전략 마련(분임토론) 등으로 진행됐다.

현재 전세계 121개국 2678개 도시가 UNISDR 캠페인에 가입해 25개국의 41개 도시만이 UNISDR 방재안전도시로 인증됐다. 국내에는 캠페인에 가입한 141개 도시 중 ‘방재안전도시’로 인증된 도시는 없다.

울산시는 2017년 UNISDR의 방재안전도시 인증을 목표로 지난해 5월 8일 ‘재해위험경감 캠페인’에 처음으로 가입했다. 이어 올해 6월 3일 UNISDR 동북아시아사무소와 재해 경감을 위한 업무협약(MOU)을 체결하고 재해경감 활동에 참여할 공무원 및 민간단체 등을 대상으로 교육·훈련을 실시했다.

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