



INTRODUCTION
of
International UNFC(2009) Workshop
29-30 September 2011, Ankara Hilton Hotel-Turkey

Mücella ERSOY, Turkish Coal Enterprises

**UNECE Expert Group on Resource Classification, 3rd Session
Geneva, 02-04 May 2012**



Organisers of the Workshop

- UN Economic Commission for Europe (**UNECE**)
- General Directorate of Mining Affairs (**MIGEM**)
- General Directorate of Turkish Coal Enterprises (**TKİ**)
- General Directorate of Mineral Research and Exploration (**MTA**)

Organising Committee

- **Michael Lynch-Bell- Chairman, UNECE EGRC**
- **Charlotte Griffiths, UNECE**
- **Hamdi Yıldırım, General Director of MİGEM**
- **Dr.Selahaddin Anac, General Director of TKI**
- **Mehmet Özer, General Director of MTA**
- **Sadi Civelekoglu, Head of Dept. , MTA**
- **Mücella Ersoy, Chief Engineer, TKI**
- **Erdal Kacmaz, Mining Engineer, MİGEM**

Short Introduction of Local Organisers

- **General Directorate of Mining Affairs**
 - An authorized body to regulate mining activities (issue and audit mining licenses, monitor mining projects, prepare mining inventory on the behalf of Ministry of Energy and Natural Resources)
- **General Directorate of Turkish Coal Enterprises**
 - The biggest lignite producer company in Turkey (established in 1957, state –owned company having production capacity 46 million tons)
- **General Directorate of Mineral Research & Exploration**
 - established in 1935 with the aim of conducting scientific and technological research on mineral exploration and geology in Turkey

Date/ Venue/Translation /Sponsor

Date: 29-30 September 2011

Venue: Ankara Hilton Hotel

Simultaneous translations:

English/Turkish /Russian

Sponsored by:

GD of Turkish Coal Enterprises

Objectives of the Workshop

- To review the current state-of-the art in mineral resource classification
- To extend knowledge on UNFC-2009 country-wide in Turkey
- To assess possibility of UNFC application for Turkish mineral resources
- To get comprehensive information about the practical application of UNFC-2009

Short History of UNFC studies of Turkey

- **Application of First Version UNFC(1997) –Solid Fuels and Mineral Commodities**
 - Translation of First Version into Turkish by TKI
 - Testing of First Version for TKI owned lignite deposits
 - Participation of TKI, Turkey in Expert Group of Resources Classification
 - Organising joint UNECE-Turkey Seminar at MTA,Turkey
 - First Version was published by MTA with some adaption to National system reflecting UNFC seminar results in 2007
 - Preparing Case Study: Yatagan –Eskihisar Mining Area(TKI), Turkey (2003)
- **Development and Application of UNFC(2004)- Coal, Uranium and Other Minerals**
 - Participating in development studies of UNFC(2004) by TKI
 - Updating Case Study reflecting changes by TKI
- **Mapping of UNFC to the other Systems for Mineral- CRIRSCO Template**
 - Participating in Mapping study by TKI
- **UNFC(2009) for Fossil Energy and Mineral Reserves and Resources**
 - Participating in development studies of UNFC(2009) by TKI
 - Organising joint UNECE-Turkey Workshop in Ankara, 2011 by MIGEM, TKI, MTA

Preparations Before UNFC Workshop

- A series of informative meeting before workshop for MIGEM, TKI and MTA managers and experts

Participant Profile

- Total number of participants: 112
 - National participants: 97
 - Participants from State owned companies: 58
 - Participants from Private owned companies: 20
 - Participants from Civil Society Organisations: 8
 - Participants from Financial Organisations: 6
 - Participants from Universities: 5
 - International participants

Format of the Workshop

First day: SETTING THE CONTEXT

- Session 1: Purpose of Resource Classification, Fundamental Principles and System Applications
- Session 2: Overview of Resource Classification System in Turkey
- Session 3: Overview of UNFC, What is its Mandate & How Does it Work?
 - (Relationship with CRIRSCO Template)
- Session 4: UNFC Stakeholder Requirements: Governments, Financial Reporting, Business Processes, and Energy Studies

Second Day: EXAMPLES & APPLICATION ISSUES

- Session 5: Application of UNFC to Petroleum
- Session 6: Examples & Application Issues (EuroGeoSource Prj, Australia, Russia, Slovenia, Poland)

Closing Panel: Open Discussion on the Way Forwards and Conclusions

Welcome Speech



Mücella Ersoy, Workshop Contact Person

Opening Speeches



Opening Speeches



Scott FOSTER, Director, UNECE Sustainable Energy Division

Opening Speeches



M.Hamdi YILDIRIM, Director, General Directorate of Mining Affairs

Opening Speeches



Taner YILDIZ, Minister of Energy and Natural Resources of Turkey

Special Meeting on Energy Issues btw

Taner Yıldız, Minister of Energy & National Resources of Turkey and
Scott Foster, Director, UNECE Sustainable Energy Division &
their team



Special Meeting on Energy Issues btw Taner Yıldız, Minister of Energy & National Resources of Turkey and Scott Foster, Director, UNECE Sustainable Energy Division & their team



Presentations

- 15 presentations
 - 3 National
 - Turkish Mining Law
 - MTA Applications on Classification Systems
 - Status of UNFC Studies in Turkey
 - 12 International
(UNFC(2009) version & hardcopies of presentations were delivered during the Workshop)
- **Focused on mineral**

Presentations- First Day



Charlotte Griffiths, UNECE



Michael Lynch-Bell, UNECE EGRC & Ömer Sezgin, Deputy Director, TKI

Overview of UNECE, UNFC ECOSOC, and EGRC

Presentations- First Day



**Sigurd Heiberg, Chairman, UNECE
Committee on Sustainable Energy &
Statoil**

**Resource Classification: How
we got here and where we
should be going**

Presentations- First Day



Dr. Abdülkerim Yörükoğlu, Deputy Director, MTA

MTA's Applications on Reserves & Resources Classification Systems

Presentations- First Day



Erdal Kaçmaz, MIGEM

Turkish Mining Law and Its Reporting System

Presentations- First Day



**Jim Ross, Chairman, UNFC
Specifications Task Force & Ross
Petroleum**

**Development & Detailed
Review of UNFC (2009)**



**Sigurd Heiberg, UNECE EGRC &
Dr. Abdülkerim Yörükoğlu,
Deputy Director, MTA**

Presentations- First Day



Mücella Ersoy, TKİ & Coordinator of Minerals Stakeholders-UNECE EGRC

Overview of UNFC for Mineral Resources and Status of UNFC Studies in Turkey

Presentations- First Day



Roger Dixon, CRIRSCO

The CRIRSCO Template and its Relationship with UNFC

Presentations- First Day



Jim Ross, Chairman, UNFC Specifications Task Force & Ross Petroleum



Sigurd Heiberg, UNECE EGRC & Selahaddin Erdoğan, Deputy Director, MIGEM

Review of UN Specifications Task Force Survey of Stakeholder Requirements

Presentations- First Day



**Michael Lynch-Bell, Chairman,
UNECE EGRC & Ernst & Young**

**Financial Reporting and the
IASB**

Presentations- Second Day



**Jim Ross, Chairman, UNFC
Specifications Task Force & Ross
Petroleum**



**Michael Lynch-Bell & Selahaddin
Erdoğan, Deputy Director, MIGEM**

**Overview of UNFC (2009) for
Petroleum Resources**

Presentations- Second Day



**Stephan Gruijters, Coordinator,
EuroGeoSource Project & Geological
Survey of the Netherlands**

**EUROGEOSOURCE: A
Multilingual WEB GIS System for
Energy and Minerals**

Presentations- Second Day



Yanis Miezitis, GeoScience Australia

Mapping of Australian National Mineral Resources Classification System to UNFC-2009

Presentations- Second Day



Yuri Podturkin, Director, State Commission on Mineral Resources (GKZ), Russia and Vice Chair, EGRC & Grigoriy Malukhin, Head of Department, GKZ, Russia

Integration of Russia to the International Reporting System

Presentations- Second Day



Duška Rokavec, Geological Survey of Slovenia



Jim Ross, UNECE EGRC & Nevzat Kavaklı, Advisor to General Director, TKI

Mineral Classification in Slovenia and Mapping to UNFC

Presentations- Second Day



Tadeusz Smakowski, Polish Geological Institute – National Research Institute

Hard Coal Reserves and Resources in Poland according to UNFC

Closing Panel



From left to right:

**Mücella Ersoy, TKI; M.Hamdi Yıldırım, MIGEM; Sigurd Heiberg; UNECE-CSE,
Jim Ross, EGRC-STF; Yusuf Ziya Coşar, MTA**

Open Discussion on the Way Forwards



Conclusion

- Timing of the Workshop was very crucial
- High level support of
 - Minister of Energy and Natural Resources of Turkey and three most related governmental organisations (MİGEM, TKI and MTA)
 - Director of UNECE-Sustainable Energy Division
 - Chairman of Committee of Sustainable Energy
 - Secretary of EGRC, UNECE
 - EGRC
- High level interest of participants
- Provided a platform for discussing requirements and defining roadmap for adapting international reporting code

Conclusion

- **Requirements for Turkey:** Internationally acceptable reporting standard
 - To end problem of terminology chaos
 - Reporting not only by geological knowledge but also by economic & social viability and Feasibility & project status
 - Require both public market reporting and inventories reporting
 - Public market reporting for investors & stock exchanges
 - inventories reporting for resource management
 - Compatible energy statistics

Conclusion

- Decision taken to establish a National Team composed of all related bodies
 - Legal infrastructure of the National Team is being prepared by MIGEM
- Alignment with UNFC , cross mapping with CRIRSCO
- Nomination of Turkey to involve STF studies

- **THANK YOU FOR YOUR ATTENTION**