

Senior Expert Group Meeting on Sustainable Development of Lithium Resources in Latin America: Emerging Issues and Opportunities

**10-11 November 2010
Raúl Prebisch Conference Room, ECLAC
Av. Dag Hammarskjöld 3477
Vitacura, Santiago de Chile, Chile**

Programme

Co-organizers:
United Nations Department of Economic and Social Affairs (DESA)
United Nations Economic Commission
for Latin America and the Caribbean (ECLAC)



In collaboration with:
Korea Energy Economics Institute (KEEI)

With the support of:
Korea Energy Management Corporation (KEMCO)

WEDNESDAY, 10 NOVEMBER 2010

8:30-9:00 **On-Site Registration**

OPENING SESSION

9:00-10:15

OPENING STATEMENTS MR. ANTONIO PRADO, DEPUTY EXECUTIVE SECRETARY, ECLAC
MS. KATHLEEN ABDALLA, CHIEF, EMERGING ISSUES BRANCH,
DIVISION FOR SUSTAINABLE DEVELOPMENT, DESA

KEYNOTE ADDRESS **PERSPECTIVES FOR EXPANDING LITHIUM CARBONATE
PRODUCTION IN CHILE**
H.E. MR. PABLO WAGNER SAN MARTÍN, UNDER-SECRETARY OF
MINING , MINISTRY OF MINING, GOVERNMENT OF CHILE

WELCOME ADDRESSES **THE PROGRAMME OF WORK OF THE UNITED NATIONS
COMMISSION FOR SUSTAINABLE DEVELOPMENT AT ITS 19
SESSION**
H.E. MR. EDUARDO MENEZ, MINISTER, PERMANENT MISSION OF THE
REPUBLIC OF THE PHILIPPINES TO THE UNITED NATIONS AND VICE-
CHAIR OF THE NINETEENTH SESSION OF THE COMMISSION ON
SUSTAINABLE DEVELOPMENT (CSD19)
MR. JANG MYUNG-SOO, MINISTER COUNSELLOR, EMBASSY OF
REPUBLIC OF KOREA TO CHILE

10:15-10:30 **COFFEE BREAK** (GROUP PHOTO)

INTRODUCTION TO PROGRAMME OF EXPERT MEETING
MR. RALPH WAHNSCHAFFT, SENIOR ECONOMIC AFFAIRS OFFICER,
DIVISION FOR SUSTAINABLE DEVELOPMENT, DESA

SESSION I **INTRODUCTORY OVERVIEWS: ASSESSING GLOBAL SUPPLY AND DEMAND FOR LITHIUM CARBONATE FROM SALT FLATS**

CHAIR: MS. KATHLEEN ABDALLA, CHIEF, EMERGING ISSUES BRANCH, DIVISION FOR
SUSTAINABLE DEVELOPMENT, DESA, NEW YORK

10:30-13:00

**MINING LEGISLATION AND REGULATORY POLICIES IN LATIN AMERICA: REGIONAL
OVERVIEW ON POLICY APPROACHES ON LICENCING OF LITHIUM MINES**
MR. EDUARDO CHAPARRO AVILA, ECONOMIC AFFAIRS OFFICER, NATURAL RESOURCES AND
INFRASTRUCTURE DIVISION, ECLAC AND MR. JERÓNIMO CARCELÉN P. , SENIOR PARTNER,
CARCELEN & CIA, CHILE

**ASSESSMENT OF LITHIUM RESOURCES IN LATIN AMERICA: OPPORTUNITIES AND ISSUES
FOR SUSTAINABLE DEVELOPMENT**
MR. HENRI MAIRE, FORMER UN ADVISOR ON MINING AND DESA CONSULTANT, NEW YORK

**ASSESSMENT OF LITHIUM-ION BATTERY TECHNOLOGY DEVELOPMENT AND PROJECTED
GLOBAL DEMAND FOR LITHIUM**
MR. PARK HONG KYU, SENIOR RESEARCHER, BATTERY RESEARCH INSTITUTE, LG CHEMICALS,
SEOUL, REPUBLIC OF KOREA

**PERSPECTIVES FOR RECYCLING OF LITHIUM-ION BATTERIES: ISSUES AND POLICY
OPTIONS FOR SUSTAINABLE DEVELOPMENT**

MR. STEFFEN HABER, PRESIDENT, LITHIUM DIVISION, CHEMETALL GMBH, FRANKFURT, GERMANY

QUESTIONS & ANSWERS WITH INVITED PANELISTS

13:00-14:30

LUNCH BREAK

**SESSION II COUNTRY REPORTS AND PRESENTATIONS: EXPERIENCES, TRENDS, ISSUES
AND POLICIES IN PRODUCTION OF LITHIUM FROM SALT FLATS**

CHAIR: MR. MANLIO COVIELLO, CHIEF, NATURAL RESOURCES AND ENERGY UNIT, NATURAL
RESOURCES AND INFRASTRUCTURE DIVISION, ECLAC

14:30-15:45

LITHIUM POLICIES AND COUNTRY EXPERIENCE: BOLIVIA

MR. FREDDY BELTRAN, DIRECTOR GENERAL OF PRODUCTIVE DEVELOPMENT, MINISTRY OF MINES
MR. LUIS ECHAZU, NATIONAL DIRECTOR, COMIBOL, MINISTRY OF MINES
MR. JOSE BUSTILLOS, RESPONSIBLE FOR PROCESSES OF THE LABORATORY UNIT, GNRE

LITHIUM POLICIES AND COUNTRY EXPERIENCE: CHILE

MR. ANÍBAL GAJARDO C., CHIEF, SECTION ON ROCKS AND INDUSTRIAL MINERALS, NATIONAL
GEOLOGICAL AND MINING SERVICE (SERNAMEGOMIN)

15:45-16:15

COFFEE BREAK

16:15-17:30

LITHIUM POLICIES AND COUNTRY EXPERIENCE: CHILE (CONT'D)

MR. CAMILO LAGO AND MR. JOAQUÍN JARA, CHILEAN COPPER COMMISSION (COCHILCO)
MR. ALVARO MERINO, NATIONAL SOCIETY OF MINING (SONAMI)

LITHIUM POLICIES AND COUNTRY EXPERIENCE: MEXICO

MR. HECTOR SALAS HERNANDEZ, SERVICIO GEOLOGICO MEXICANO

QUESTIONS & ANSWERS WITH INVITED PANELISTS

RECEPTION FOR PARTICIPANTS

HOSTED BY:

KOREA ENERGY ECONOMICS INSTITUTE (KEEI)
KOREA ENERGY MANAGEMENT CORPORATION (KEMCO)

Welcome Address

H.E. MR. JANG MYUNG-SOO,
MINISTER COUNSELLOR, EMBASSY OF REPUBLIC OF KOREA TO CHILE

(17:30-19:30)

THURSDAY, 11 NOVEMBER 2010

8:30-9:30 **On-Site Registration**

SESSION III ROUNDTABLE ON ENHANCING SUSTAINABILITY IN THE PRODUCTION OF LITHIUM CARBONATE IN LATIN AMERICA: BENEFIT SHARING AND EMPOWERING LOCAL SOCIO-ECONOMIC DEVELOPMENT

CHAIR: MR. EDUARDO CHAPARRO AVILA, ECONOMIC AFFAIRS OFFICER, NATURAL RESOURCES AND INFRASTRUCTURE DIVISION, ECLAC

9:30-10:45 **GOOD PRACTICE INITIATIVES OF THE PRIVATE SECTOR: THE SQM SUSTAINABILITY POLICY INITIATIVE**

MS. PAULINE DE VIDTS, VICE-PRESIDENT, SUSTAINABLE DEVELOPMENT, SQM

UNITED NATIONS AND THE RIGHT TO DEVELOPMENT: OPPORTUNITIES FOR INTERNATIONAL COOPERATION IN NATURAL RESOURCES DEVELOPMENT

MS. CARMEN ARTIGAS, LEGAL AFFAIRS OFFICER, ECLAC

ASSESSING HYDROLOGIC IMPACTS OF POTASSIUM/LITHIUM EXTRACTION FROM SALT FLATS

MR. JOHN MC CARTNEY, BUSINESS MANAGER, SCHLUMBERGER WATER SERVICES

QUESTIONS & ANSWERS WITH INVITED PANELISTS

10:45-11:15 **COFFEE BREAK**

11:15-13:00 **ENHANCING LOCAL PROCUREMENT, SERVICES AND LOCAL ECONOMIC IMPACTS OF MINING: EXPERIENCES FROM THE ANTOFAGASTA REGION (NORTHERN CHILE)**

MS. MARIA TERESA BUSTOS SÁNCHEZ, EXECUTIVE DIRECTOR, CORPORATION FOR PRODUCTIVE DEVELOPMENT (ICPD), ANTOFAGASTA, CHILE

COLLABORATIVE APPROACHES: EXPERIENCES WITH IMPLEMENTING THE EXTRACTIVE INDUSTRIES TRANSPARENCY INITIATIVE (EITI) IN PERU

MR. VICTOR MANUEL GAMONAL HERRERA, MEMBER OF THE NATIONAL COMMITTEE OF EXTRACTIVE INDUSTRIES TRANSPARENCY INITIATIVE (EITI), PERU

INDIGENOUS PEOPLE, MINING AND INTERNATIONAL LAW

MS. ANA MARIA ARANÍBAR, ORGANISATION LATINAMERICANO DE MINERIA (OLAMI), BOLIVIA

INDIGENOUS PEOPLE, NATIONAL PROTECTED AREAS AND EXTRACTIVE INDUSTRIES IN PERU

MR. MIGUEL SANTILLANA, INSTITUTO DEL PERU

QUESTIONS & ANSWERS WITH INVITED PANELISTS

13:00-14:30 **LUNCH BREAK**

SESSION IV PERSPECTIVES FOR NORTH-SOUTH, SOUTH-SOUTH COOPERATION AND REGIONAL COOPERATION IN LITHIUM RESOURCE DEVELOPMENT

CHAIR: MR. MOON YOUNG-SEOK, MANAGING DIRECTOR, ENERGY POLICY RESEARCH GROUP, KOREA ENERGY ECONOMICS INSTITUTE (KEEII), SEOUL, REP. OF KOREA

14:30-16:00 **PERSPECTIVES FOR ENHANCING SCIENTIFIC (AND TECHNICAL) COOPERATION AND KNOWLEDGE SHARING AMONG ECLAC MEMBER COUNTRIES**

MS. MARIA ELISA TABOADA, CHEMICAL ENGINEER, UNIVERSITY OF ANTOFAGASTA

MR. CHRISTIAN MOSCOSO, UNIVERSITY OF CHILE

PERSPECTIVES FOR TECHNICAL SUPPORT AND COOPERATION IN LITHIUM EXTRACTION TO BENEFIT DEVELOPING COUNTRIES IN LATIN AMERICA

MR. JUAN CARLOS ZULETA, LITHIUM ECONOMICS ANALYST, LA PAZ, BOLIVIA

PERSPECTIVES FOR ENHANCING INTERNATIONAL COOPERATION IN LITHIUM INDUSTRIES

MR. KONG, BONG-SUNG, DIRECTOR GENERAL, HEAD, TECHNOLOGY RESEARCH INSTITUTE KOREA RESOURCES CORPORATION (KORES), SEOUL, REPUBLIC OF KOREA

OPPORTUNITIES FOR ENHANCING REGIONAL COOPERATION: EXPERIENCES WITH TRANS-BOUNDARY MINING TREATIES

MR. AGUSTIN SARAVIA-FRIAS, MASTER IN MINERAL LAW AND POLICY, ARGENTINA

QUESTIONS & ANSWERS WITH INVITED PANELISTS

SESSION V ROUNDTABLE DISCUSSION ON CONCLUSIONS AND RECOMMENDATIONS OF THE EXPERT GROUP MEETING

CO-CHAIRS: MR. EDUARDO MENEZ, VICE-CHAIR OF THE NINETEENTH SESSION OF THE COMMISSION ON SUSTAINABLE DEVELOPMENT AND MR. RALPH WAHNSCHAFFT, SENIOR ECONOMIC AFFAIRS OFFICER, DIVISION FOR SUSTAINABLE DEVELOPMENT, DESA

16:00-16:30 DISCUSSION AND ADOPTION OF CONCLUSIONS AND RECOMMENDATIONS

CLOSING SESSION

CLOSING REMARKS