

INAUGURAL SESSION

REES 2025

AGENDA - DAY 01 (19TH AUGUST 2025)

INTRODUCTION, INVITING THE GUESTS TO DAIS,
LIGHTING OF THE LAMP, PRESENTATION OF FLORAL
BOUQUETS, WELCOME SONG.

10:00 A.M. – 10.10 A.M.

OPENING REMARKS

10:10 A.M. – 10:15 A.M.

SHRI A. MISHRA,
D (T), IREL (INDIA) LIMITED

CURTAIN RAISER

10:15 A.M. – 10.20 A.M.

SHRI S B MOHANTY,
I/C CMD & D (F), IREL (INDIA) LIMITED

PRESIDENTIAL ADDRESS

10:20 A.M. – 10.25 A.M.

DR. D. SINGH,
EX-CMD, IREL (INDIA) LIMITED & PRESIDENT, REAI

ADDRESS BY CHIEF GUEST

10:25 A.M. – 10:35 A.M.

DR. V K SARASWAT,
HON'BLE, MEMBER, NITI AAYOG

UNVEILING OF SOUVENIR

10:35 A.M. – 10:40 A.M

CHIEF GUEST

REAI AWARDS & VALEDICTORY FUNCTION

10:40 A.M. – 10.55 A.M

VOTE OF THANKS

10:55 A.M. – 10.57 A.M

DR. MLP REDDY,
SECRETARY REAI

SHRI R.P.JHA,
CONVENER - REES

NATIONAL ANTHEM

10:58 A.M. – 11.00 A.M

11.00 A.M----- TEA BREAK ----- 11.30 A.M

SESSION-A - MARKET SCENARIO

SUPPLY AND DEMAND DYNAMICS OF RARE EARTH MINERALS

11.30 A.M. – 11.50 A.M.

MR. PRADEEP SINGH,
ASSOCIATE PARTNER, MCKINSEY & CO

CRITICAL METALS AND CRITICAL CHOICES: BETWEEN DEMAND, DEPENDENCY AND SUSTAINABILITY

11:50 AM – 12.10 P.M.

DR. KONSTANTIN IVANOVSKIKH,
DEPUTY DIRECTOR, GIREDMET JSC ROSATOM

STRENGTHENING INITIATIVES FOR A ROBUST RARE EARTH INDUSTRY ECOSYSTEM IN INDIA: SIGNIFICANCE AND WAY FORWARD

12.10 P.M. – 12:30 PM

DR. RUDRODIP MAJUMDAR,
ASSISTANT PROFESSOR, NATIONAL INSTITUTE OF
ADVANCED STUDIES, BANGALORE

GLOBAL RARE EARTH MARKET OUTLOOK

12.30 P.M. – 12.50 P.M

MR. CHI HIN LING,
ASIA METALS EDITOR, ARGUS MEDIA (VC)

Q & A SESSION, INTERACTION

12:30 PM – 01:00 PM

SESSION-B- SUPPLY CHAIN

FROM WASTE TO WEALTH: APPROACHES FOR RECOVERY OF CRITICAL MINERALS ASSOCIATED WITH ATOMIC MINERALS

02:00 P.M – 2.20 P.M.

SHRI DHEERAJ PANDE,
DIRECTOR (ATOMIC MINERALS DIRECTORATE FOR EXPLORATION AND RESEARCH)

THE UK-INDIA CRITICAL MINERALS SUPPLY CHAIN OBSERVATORY: A COLLABORATIVE FRAMEWORK FOR ENHANCED ENERGY SECURITY AND RESILIENT SUPPLY CHAINS

02:20 P.M. – 02.40 P.M

DR.MUKESH KUMAR,
DIRECTOR OF GLOBAL SUPPLY CHAIN OBSERVATORY,UNIVERSITY OF CAMBRIDGE

BUILDING A NON-CHINA RARE EARTH SUPPLY CHAIN: A GLOBAL PERSPECTIVE

02:40 P.M. – 3.00 P.M.

DR.NABEEL MANCHERI,
SENIOR ADVISOR RARE EARTH MATERIALS,EIT RAWMATERIALS, BELGIUM

INTRODUCTION TO EVOLUTION METALS & TECHNOLOGY'S FUTURE STRATEGY FOR ESTABLISHING AN ALTERNATIVE RARE EARTH VALUE CHAIN.

03:00 P.M. – 03.20 P.M.

MR. FRANK MOON,
CEO, EVOLUTION METALS & TECHNOLOGIES

Q & A SESSION, INTERACTION

03:20 P.M. – 03.30 P.M.

03:30 P.M----- **TEA BREAK** ----- 04:00 P.M

**TRENDS IN AUTOMOTIVE ELECTRIFICATION AND
CRITICAL RESOURCES**

04.00 P.M. – 04.20 P.M.

TAKAHIRO OKUDA

MANAGER- RARE EARTH BUSINESS TOYOTA TSUSHO
CORPORATION, JAPAN

**ESTABLISHING A SINTERED NEODYMIUM IRON BORON
MAGNET FACILITY IN INDIA**

04.20 P.M.– 04.40 P.M.

MR. IAN HIGGINS

TRAFALGAR RARE EARTH ALLOYS PVT. LTD

**ADVANCES IN HIGH-TEMPERATURE NDFEB
MAGNET MANUFACTURING FOR ELECTRIC
VEHICLES**

04.40 P.M.– 05.00 P.M.

DR. GAURAV SHUKLA,

ASSOCIATE VICE PRESIDENT-PROJECTS KALYANI GROUP

Q & A SESSION, INTERACTION

05.00 P.M.– 05.10 P.M.

TENTATIVE AGENDA – DAY 02 (20TH AUGUST 2025)

SESSION CHAIR- DR. A. AWASTHI, HEAD (MPCED) & OS, BARC

SESSION-D- R&D/CIRCULAR ECONOMY

**CSIR-CECRI AT THE HELM OF INDIGENOUS
ELECTROMETALLURGICAL PROCESSES FOR RARE
EARTHS & CRITICAL METALS**

10.00 A.M. – 10.20 A.M.

DR. K RAMESHA,
DIRECTOR, CSIR-CENTRAL ELECTROCHEMICAL
RESEARCH INSTITUTE, KARAIKUDI

**NDFEB – MAGNET RECYCLING: MARKET POTENTIAL &
TECHNOLOGIES**

10.20 A.M. – 10.40 A.M.

MR. LEONARD ANSORGE,
MANAGING DIRECTOR, ROCKLINK INDIA PVT. LTD

**BUILDING CIRCULARITY IN RARE-EARTH MAGNETS:
LOHUM'S ROADMAP AND KEY LEVERS**

10.40 P.M. – 11.00 A.M.

MR. SIDDHARTH NAUTIYAL
HEAD STRATEGY, LOHAM CLEANTECH PVT. LTD.

**RECENT TECHNOLOGY DEVELOPMENT IN RARE
EARTHS**

11.00 A.M. – 11.20 A.M.

DR. B S TALWAR,
SM-TECHNICAL, RETTP, IREL

Q & A SESSION, INTERACTION

11.20 A.M. – 11.30 A.M.

11.30 A.M.----- **TEA BREAK** ----- 12.00 P.M

SESSION-E- SECONDARY SOURCES

RECOVERY OF CRITICAL MINERALS FROM MINE TAILINGS & OVERBURDEN

12.00 A.M. – 12.20 P.M.

RAJIB MAITRA,
PARTNER, CONSULTING, DELOITTE

UNLOCKING HIDDEN RESOURCES: RECOVERY OF RARE EARTH ELEMENTS FROM COAL FLY ASH FOR SUSTAINABLE TECHNOLOGICAL ADVANCEMENT

12.20 A.M. – 12.40 P.M.

DR D K SINGH,
VISITING PROFESSOR, IIT (ISM) DHANBAD(EX-BARC)

PROCESSING OF PRIMARY AND SECONDARY RESOURCES TO RECOVER CRITICAL METALS AT CSIR-NML, INDIA

12:40 P.M. – 01.00 P.M.

DR. MANIS KUMAR JHA,
CHIEF SCIENTIST, CSIR-NML, JAMSHEDPUR

EXPLOITATION OF SECONDARY RESOURCES FOR CRITICAL AND RARE EARTH ELEMENTS

01:00 P.M. – 01:20 P.M.

DR. ABHILASH,
SENIOR PRINCIPAL SCIENTIST & ASSOCIATE PROFESSOR (ACSIR), CSIR-IMMT

Q & A SESSION, INTERACTION

01:20 P.M. – 01.30 P.M

01.30 P.M----- **LUNCH BREAK** ----- 02.30 P.M

ROLE OF CRITICAL MINERALS & REE TOWARDS ESG GOALS

02:30 P.M – 02.50 P.M.

MR. ANISH MONDAL,
PARTNER, ENERGY RESOURCE AND INDUSTRIAL
(ER&I) SOLUTIONS, DELOITTE

WATER RECYCLING PERSPECTIVE

02:50 P.M – 03.10 P.M.

PROF. RAJESH ROSHAN DASH,
IIT, BHUBANESHWAR

Q & A SESSION, INTERACTION

03:10 P.M – 03.20 P.M.

03.20 P.M----- **TEA BREAK** ----- 04.00 P.M

PANEL DISCUSSION

04.00 P.M. – 05.00 P.M.

DR. D SINGH,

PRESIDENT REAI & EX-CMD, IREL

R. R. SARAVANABHAVAN,

DEPUTY ADVISER (INDUSTRY-I), NITI AAYOG

DR. KALI SANJAY,

CHIEF SCIENTIST, CSIR-IMMT

MR. VIKRAM DHOOT,

MD, ASHIVINI GROUP

MODERATOR– MR. RAJIB MAITRA

CONCLUDING COMMENTS, KNOWLEDGE PARTNER

05.00 P.M. – 05.15 P.M.

DELOITTE TEAM

07:30 P.M ONWARDS – DINNER