



Ministero delle Imprese
e del Made in Italy

SYMPOSIUM

Blue economy and the role of critical raw materials in the development of sustainable ocean economies: challenges, opportunities and innovations



14 June 2024



Via Veneto 33, Rome

PROGRAMME

8:30 – 9:00 REGISTRATION

9:00 - 9:30 Opening of the Symposium

- **Federico EICHBERG**
Ministry of Enterprises and Made in Italy. Chief of Cabinet
- **Riccardo RIGILLO**
Ministry of Civil Protection and Marine Policies. Chief of Cabinet
- **H.E. Mr. Michael W. LODGE**
International Seabed Authority. Secretary-General

9:30 - 10:30 **Panel 1: The role of Blue Economy and critical raw material in the Italian industrial policy strategy**

- **Paolo CASALINO**
Ministry of Enterprises and Made in Italy. Director General for Industrial Policy
- **Giuseppe BERUTTI BERGOTTO**
Italian Navy. Vice Admiral, Deputy Chief of Staff
- **Claudio CISILINO**
Fincantieri. Executive Vice President. Director operations, corporate strategy & innovation
- **Andrea CATTINI**
ENI. Public Affairs Department
- **Luca MEINI**
ENEL. Head of Sustainability Initiatives and Circular Economy

Moderator: Paolo QUERCIA – Ministry of Enterprises and Made in Italy. Director of Analysis and Policy Unit

10:30 - 11:30 Panel 2: Critical deep seabed mineral resources for a carbon neutral future and a sustainable blue economy

- **Luca DE ANGELIS**
Ministry of Enterprises and Made in Italy. Director General for new technologies
- **Marzia ROVERE**
CNR, Italian National Research Council. Senior researcher
- **Saleem ALI**
University of Queensland. Honorary Professor
- **Massimo CHIAPPINI**
INGV, Italian Institute for Geophysics and Volcanology. Director of Environment Department

Moderator: William PALOZZO – Assorisorse, Task Force Critical Raw Material

11:30 - 12:30 Panel 3: Fostering alliance and partnerships in support of a global deep-sea research for a sustainable blue economy

Keynote speaker: Kheri MAHIMBALI - Tanzania, Ministry of Minerals. Permanent Secretary

- **Alex HERMAN**
Cook Islands. Commissioner Seabed Minerals Authority
- **Giovanni ARDITO**
International Seabed Authority. Associate Policy Officer
- **G. A. RAMADASS**
India. Ministry of Earth Sciences
- **Leonhard WEIXLER**
DeepSea Mining Alliance. President

Moderator: Francesco PETRACCHINI - CNR, Italian National Research Council. Head of Department of Earth Sciences

12:30 - 14:45 Lunch at CUFA Officer's Club, Palazzo Baracchini

14:45 - 16:00 Panel 4: Deep-sea critical raw materials and the protection of environment

Keynote speaker: Gregory J. O'BRIEN – U.S.A., Department of State. Office of Ocean and Polar Affairs, Bureau of Oceans and International Environmental and Scientific Affairs, Senior Oceans Policy Adviser

- **Kae OYAMA**
Chukyo University. Professor
- **Marie BOURREL-McKINNON**
International Seabed Authority. Chief of staff and Head of Strategic Planning Unit
- **Rudiger WOLFRUM**
Max Plank Institute for Comparative Public Law and International Law. Emeritus Professor
- **Federico PONTONI**
ENI Foundation "Enrico Mattei". Director, Research Program "Technologies for Energy Transition"

Moderator: Gianfranco NUCERA – Sapienza University of Rome. Professor

16:00 - 17:00 Panel 5: The exploitation of deep seabed resources: innovation and technological solutions

- **Yumiko ARAI**
JOGMEC, Japan Organization for Metals and Energy Security. Seafloor Mineral Resources Department
- **Kris VAN NIJEN**
GSR, Global Sea Mineral Resources. Managing Director
- **Corey McLACHLAN**
Nauru Ocean Resources Inc., The Metals Company. Head of Stakeholder Engagement
- **Chiara PETRIOLI**
WSENSE. CEO & Founder
- **David BERNARDI**
Fincantieri. Senior Vice President group procurement and supply chain
- **Francesco CAVALLINI**
SAIPEM. Sonsub and Subsea Technologies & Services, Head of Commercial
- **Samantha SMITH**
Blue Globe Solutions. Direcot

Moderator: Roberto CIMINO, Blue Italian Growth Marine Technology Cluster

17:00 - 17:30 Conclusions

- **H.E. Mr. Michael W. LODGE**
International Seabed Authority. Secretary-General
- **Amedeo TETI**
Ministry of Enterprises and Made in Italy. Head of Department for enterprises' policies

Group photo