

## 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 – Assessor, 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*