

IN THE BLACK'22

A NEW ERA OF OCEAN EXPLORATION

|Celebrating 5 years|



*This year we are celebrating 5 editions of **IN THE BLACK**! During these 5 years we had the chance to experience major breakthroughs in Ocean Exploration, namely: the opportunities for underwater technologies; the challenges of deep-sea mining; the safety of people and the planet; and the impact assessment for future exploitation of underwater minerals.*

*Despite COVID19 and after remotely managing two of the workshops, is time to be face to face again with the **IN THE BLACK** community and strengthening our connections. **IN THE BLACK'22** will also generate renewed momentum to the Raw Materials Community again.*

*This year the Workshop will be focused on “**A NEW ERA OF OCEAN EXPLORATION**”. Learning from the Past, to live the Present and prepare the Future! Of course, strategic foresight also enables us to identify opportunities and amplifies our ability to seize them. **IN THE BLACK** is celebrating 5 years so we aim to redefine future enabling strategies.*

A handful of experts from all around the world – including renowned scientists from industry, technology, policy makers, and stakeholders - will come together under the same roof to talk you through state-of-art research across several fields of knowledge feeding into Ocean Exploration.

Do not miss the opportunity and register now! Join us in this general reflection and assessment about the ocean and its potential, the shortage of minerals in Europe, management strategies, deep-sea mining, marine policy, impact assessment and underwater technologies.

ORGANISATION

INESC TEC

TEC4SEA

INESC Brussels Hub

SUPPORT

EIT RAW MATERIALS

inSITE Project

VENUE

Hybrid Event

INESC Brussels HUB, Rue du Luxembourg 3,

1000 Brussels, Belgium

(Availability of space is limited and subject to confirmation)

PRELIMINARY PROGRAMME

17th November – Thursday

Chairman Eduardo Silva

09:00-09:30 Registration + Icebreaker

.....

09:30 – 09:45 Opening session

Patrick Nadoll [Scientific Advisor, field of Exploration and Mining, EIT Raw Materials] – confirmed – *confirmed*

09:45 – 10:50 SESSION Opportunities for Ocean Exploration and Underwater Technologies – Part 1

José Miguel Almeida [Researcher and Adjunct Professor, Coordinator at Centre for Robotics and Autonomous Systems (CRAS) of INESC TEC | ISEP] – *confirmed*

Ulrich Schwarz-Schampera [Programme Management Officer, International Seabed Authority] – *confirmed*

Noémie Wouters [Program Coordinator Marine Research, International Seabed Authority] –
confirmed

5 min Questions

10:50 – 11:10 Coffee-break (20')

11:10 – 11:55 SESSION Opportunities for Ocean Exploration and Underwater Technologies –
Part 2

Sup Hong [Ocean System Engineering Research Division, KRISO - Korea Research Institute of
Ships and Ocean Engineering] – *confirmed*

Kris Van Nijen [Managing Director at Global Sea Mineral Resources, DEME Group] –
confirmed

5 min Questions

11h55-12h55 ROUND TABLE The Next Frontiers

Moderator: Eduardo Silva [TEC4SEA | INESC TEC]

– *All the speakers*

12h55-13h00 Closing session

Eduardo Silva [TEC4SEA | INESC TEC] – *confirmed*

Rapporteurs during the Workshop: Ana Pires & Paula Lima
