

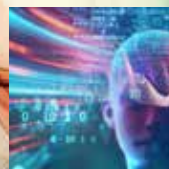
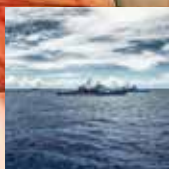
8<sup>TH</sup> EDITION  
2023

SEA  FUTURE  
SUPERFUTURA

STRATEGIC SPONSOR  
FINCANTIERI

5/8 JUNE 2023 LA SPEZIA NAVAL BASE

CONFERENCES  
PROGRAMME  
2023



MONDAY 5 JUNE 2023

5 JUNE

10:30 - 11:30

## OPENING CEREMONY

**Cristiana Pagni** - President of IBG  
Hon. **Guido Crosetto** - Ministry of Defence  
Vice Admiral **Enrico Credendino** - Chief of Staff of the Italian Navy  
**Giovanni Toti** - President of Liguria Region  
**Pierluigi Peracchini** - Mayor of La Spezia  
Others to be defined

## GOI LAUNCH

9.30 - 18.30  
EXHIBITION AREA B2B  
PITCH AREA PITCHING SESSIONS

13.00 - 14.00 Lunch Break

5 JUNE

14:30 - 16:30 CONFERENCE ROOM 1

## EXPLORE THE UNEXPLORED: HOW TO UNVEIL THE UNDERWATER DIMENSION

Chairman **Prof. A. Margelletti**, President of Centro Studi Internazionali  
Keynote speaker **Prof. G. Cella**, Professor - Università Cattolica del Sacro Cuore of Milani  
Speakers

Ing. **Cossiga**, President - AIAD  
Prof. **N. Pinardi**, "Oceanography" Professor - University of Bologna  
Dr. **I. Tani**, University of Milano Bicocca  
Dr. **Marchiori**, Head of SONSUB  
Dr. **Debenedetti**, Vice President Research & Innovation - FINCANTIERI  
RADM **Lacerenza**, Commander - MARICOSOM; Head - ITN Gen. Staff Submarine Dept.

16:15 Q&A

5 JUNE

14.30 - 16.00 CONFERENCE ROOM 2

## OCCAR, THE INDEPENDENT INTERNATIONAL ORGANISATION FOR COMPLEX COOPERATIVE ARMAMENTS PROGRAMME MANAGEMENT

OCCAR

*Brief introduction to OCCAR as programmes management organization, with a special focus on FREMM, PPA, LSS, U212 NFS Programmes.*

Chairman **Mr. Joachim Sucker**, Director of OCCAR

Speakers

14.30 - 14.35 Brief introduction by the director, Mr. **Joachim Sucker**  
14.35 - 14.50 OCCAR Central Office presentation (by Mr. **Fernand Van Wilder**)  
14.50 - 15.00 Question time  
15.00 - 15.20 Naval Programmes presentation (by Mr. **Lorenzo Poliseno**)  
15.20 - 15.30 Question time  
15.30 - 15.50 NFS Programme presentation (by Mr. **Vasco Pizzinato**)  
15.50 - 16.00 Question time

5 JUNE

16:30 - 18:00 CONFERENCE ROOM 2

## La Spezia and Toulon cities linked to (and from) the sea *Dante Alighieri La Spezia and Dante Alighieri Toulon companies*

Chairman **Maurizio Caporuscio** - Magistrate, Vice President of the Dante Alighieri Company

5 JUNE

*The meeting will start from the few, but evident, aspects of the proximity of the two countries from the cultural point of view, so to examine more closely the theme of the sea in the French literature of the nineteenth century.*

**Speakers**

Dr. **Carlo Raggi** - President - Dante Alighieri La Spezia Company  
 Italy and France. Brief notes on a consolidated cultural bond

Prof. **Margherita Vannini Barradon** - Vice President - Dante Alighieri Toulon Company  
 The sea into the French literature during Michel Pacha's time

Prof. **Chiara Serreli** - Councillor - Dante Alighieri La Spezia Company  
 Lecture of Giovanni Pascoli's poem "A Victor Hugo"

TUESDAY 6 JUNE 2023

9:30 - 12:00 CONFERENCE ROOM 1

**THE COMMITMENT OF ITALIAN COMPANIES TO WIN THE CHALLENGES OF THE NEW NAVAL AND UNDERWATER FRONTIERS**

**AIAD**

Chairman **Carlo Festucci**, AIAD Secretary-General

9.30 - 10.10 Introductory speeches

Eng. **Giuseppe Cossiga**, President of AIAD

Amm.Sq. **Giuseppe Berutti Bergotto**, Deputy Chief of Staff of the Italian Navy(TBC)

C.A. **Pietro Alighieri**, Senior Advisor of Secretary General of Defence/DNA

10.10 - 10.25 Innovation lines of the Military Ships Department

By the Research and Innovation Manager, Fincantieri SpA

10.25 - 10.40 Hypersonic

Eng. **Tonino Genito**, Head of Missile Design Italy - MBDA Italia SpA

10.40 - 10.55 ELT and the EW in the naval domain

Dr. **Paolo Izzo**, Chief Sales Officer - Elettronica SpA

10.55 - 11.10 The new scenarios of SeaBed warfare and protection of strategic infrastructure

Eng. **Marco De Fazio**, Managing Director of the Defence Systems Business Unit of the Electronics Division - Leonardo SpA

11.10 - 11.25 Quantum technologies for the resilience of communications in the submarine domain

Eng. PhD **Tommaso Occhipinti**, Telsy SpA

11.25 - 11.40 Underwater technology and new defence solutions

Eng. **Sergio Cappelletti**, President and Adm. Delegate DRASS Galeazzi Srl

11.40 - 11.50 Q&A

12.00 Conclusion

9.30 - 18.30  
 EXHIBITION AREA B2B  
 PITCH AREA  
 PITCHING SESSIONS

6 JUNE

9.30 - 10.30 CONFERENCE ROOM 3

**ACCELERATING DIGITAL TRANSFORMATION IN MARITIME & DEFENSE INDUSTRY ANSYS**

*The next era in the maritime and defense industry will present business and technology challenges that will be radically different from anything seen before. The exponential rate of innovation required to meet these challenges can only be achieved through digital transformation. As the boundaries between industries blur and the cost of failure becomes business-critical, the pace of digital transformation must accelerate. One way to speed this transformation while ensuring an optimized product life cycle is through engineering simulation.*

Chairman and Speaker **Filippo Gemma**, Global Product Sales Manager

6 JUNE

10.00 - 12.00 CONFERENCE ROOM 2

**NATO PLAN OF ACTION ON INNOVATION - DIANA AND NATO INNOVATION FUND INITIATIVES AND OPPORTUNITIES FOR THE NAVAL AND UNDERWATER SECTORS**

6 JUNE



6 JUNE

**SGD/DNA – Segretariato Generale della Difesa/Direzione Nazionale Armamenti**  
**Secretariat General of Defence and National Armaments Directorate / 5th Department - Technological Innovation**

*Technologies such as big data, artificial intelligence (AI), autonomous systems and quantum technologies are changing the world, and the way NATO operates. These and other emerging and disruptive technologies (EDTs) present both risks and opportunities for NATO and Allies. That's why the Alliance is working with public and private sector partners, academia and civil society to develop and adopt new technologies, establish international principles of responsible use and maintain NATO's technological edge. In this context, NATO has launched two initiatives (DIANA and NIF) to foster innovation and EDTs. The aim of this workshop is informing and promoting DIANA and the NIF within the International Delegations and the community of entrepreneurs, SME's, start-ups, universities, research institutes, technology cluster associations and institutions dealing with the naval and underwater sectors.*

**Chairman** Capt. (N) **Francesco A. Marchetti**, Head of Research Programs – Strategy and planning

**Speakers**

Ms. **Francesca Tortorella**, Senior Policy Advisor – NATO, Diana Transition Team

General briefing on DIANA (Concept, Functioning Model, Strategic Direction, Opportunities and Timelines)

Mr. **Philip Lockwood**, **Head**, Innovation Unit – NATO, NIF Transition Team

General briefing on the NIF (Concept, Governance & Structure, Objectives & Principles, Relationship to DIANA, Opportunities and Timelines)

Dr. **Giovanni Sembenini**, Deputy Director – NATO, CMRE

CMRE: Activities on S&T, Innovation, Maritime, Emerging Disruptive Technologies, Underwater and role within DIANA initiative

Dr. **Stefano Molino**, Senior Partner - CDP Venture Capital

Why an accelerator can be a game changer on innovation

**Special Guest** Mr. **Maynard A. Holliday** – Deputy Chief Technology Officer For Critical Technologies – United States Department of Defense

**11.30 -12.30 CONFERENCE ROOM 3**

**SEABED OPERATIONS – THREATS AND CHALLENGES**

SAAB

**Chairman and Speaker** Mr. **Chris Lade**, Defence Sales Manager – Saab

The presentation will consider recent events that have heightened the relevance of operations on the seabed. It will look at the potential threat to critical national infrastructure and what might be done to protect that infrastructure from a doctrinal perspective and then from a technical perspective. The presentation will consider the parallel capabilities required to operate in the commercial underwater space with those capabilities to conduct military operations on the seabed

**13.00 - 14.00 Lunch Break**

**14.30 -16.30 CONFERENCE ROOM 1**

**EMERGING AND DISRUPTIVE TECHNOLOGIES IN THE MARITIME DOMAIN**

**Secretariat General of Defense and National Armaments Directorate**

*The workshop will try to provide audience with a close look at technological trends and EDTs in the maritime domain by leveraging on a wider prospective based on different major stakeholders operating in the academia, institution, military and industry. Complexity, challenges and opportunities that shall be understood and properly governed by the civilian and military sectors in order to maintain the strategic technological edge. The workshop will also inform on EU institutional support to innovation and EU efforts to intercept and deliver new effective EDT based capabilities at the required speed of relevance.*

**Chairman** RDML **Pietro Alighieri**, Senior Advisor to the Italian Secretary General of Defense and National Armaments Director

**Speakers**

Ms. **Paola Gualeni**, Professor – University of Genoa

Emerging Disruptive Technologies and technological trends in the Maritime domain - Academia prospective

RADM. **Marco Tomassetti**, Head 7th Dept, Italian Navy General Staff

Future capabilities deriving from the introduction of EDTs in the Maritime domain – Military priorities and prospective

Ms. **Chiara Petrioli**, CEO – Wsense

Challenges, criticalities and opportunities of EDT – Industry prospective

6 JUNE

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Mr. **Dirk Peters**, Senior Expert EC – DG Defis

EU support initiatives for innovation and EDT – Institutional prospective

Ms. **Federica Valente**, RTI Coordinator/HEDI manager – EDA

Tools to intercept trends and EDTs and mechanisms to deliver EDT developed capabilities at a speed of relevance – EDA prospective

6 JUNE

## 14.30 - 15.30 CONFERENCE ROOM 2

### NEW GENERATION MINE WARFARE VESSELS

*Italian Navy Maricodrag (TBC) / Intermarine*

*In a moment of increasing tensions and new threats in the underwater domain, Italian Navy and Intermarine undertook the challenge to design and project innovative warships to answer the operational requirements to secure the Sea Lines of Communications (SLOCs) and protect the Strategic Underwater Infrastructures. The pioneer project takes the name of New Generation Mine Warfare Vessels.*

6 JUNE

## 14.30 - 16.30 CONFERENCE ROOM 3

### ALTERNATIVE FUELS IN MARINE APPLICATIONS: THE STATE OF THE ART AND A VISION OF THE FUTURE

*ATENA*

*Italian Association of Naval and Nautical Techniques. Significant interlocutors will talk about alternative fuels in the Nautical world*

Chairman Dr. **Arianna Bionda**, Professor and Researcher at the Politecnico of Milan

#### Speakers

Mr **Philippe Davignon**, Sales Director - GENEVOS

High-durability fuel cell technology for marine propulsion

Mr. **Mauro Risi**, DG Energy Evolution ENI

A global approach to maritime decarbonisation

Mr. **Gianluca Valenti**, Associated Professor at the Politecnico of Milan

State of the art and prospects for the use and application of liquid hydrogen as an alternative energy source in different fields of application. Ongoing research in the field of hydrogen transfer through distribution networks

Mr. **Paolo Bonetti**, Managing Director CHIMITRADE

Methanol as a marine fuel: an overview of the regulatory and economic framework

Ms. **Tullia Zucca**, Freelance Consultant

Production of green hydrogen from Ammonia splitting in a reactor equipped with plasma torch and special membranes.

Mr. **Giovanni Bruni**, COO Isotta Fraschini Motori Spa

Isotta Fraschini Motori: The pathway to Carbon 0

6 JUNE

## 16.00 - 18.00 ROOM 2

### CENTRO OPERATIVO SICUREZZA CIBERNETICA

*Polizia Postale Genova*

*Critical Infrastructure: Security & Privacy Challenges: The slides illustrate the composition of the Italian Cybersecurity, and the role of new Regional Cyber Security Operations Centers within the new Central Scientific and Cybersecurity Department. The work of the Cyber Policeman, the training challenges and future prospects of the SINC3 platform, its functions and its main architecture's features.*

*Anatomy of a cyber attack: We will analyze a malware attack through a phishing email and talk about Protection and training tools, the keys to success in cybersecurity.*

*Financial crimes: In addition to cyber attacks that impact the security of data, there are attacks aimed at defrauding companies with very sophisticated mechanisms that can reduce their financial solidity. "Business Email Compromised" attacks are the most dangerous because they take advantage of social engineering techniques. The main protection tool is the awareness.*

*Digital Forensic and Artificial Intelligence: What is Digital Forensic and what it means to recover digital data of any kind in order to detect digital computer evidence useful for investigative activity.*

6 JUNE

## 16.00 - 18.00 VESPUCCI TALL SHIP

### CLIMATE CHANGE AND HUMAN IMPACT ON THE UNDERWATER DIMENSION: HOW TO COMMUNICATE THE CLIMATE EMERGENCY

Chairman **Federico Pedrocchi**, Radio 24

Introduction **Silvia Baglioni**, Journalist

6 JUNE

**Speakers:**

**Fabio Trincardi**, Director of the Department of Earth System Sciences and Technologies for the Environment - CNR

The Mediterranean is one of the "hot spots" of climate change. At SEAFUTURE, in conjunction with the World Oceans Day, we will address one of the most topical issues: how to correctly communicate the enormous amount of data that research has available today.

**17.00 - 18.00 CONFERENCE ROOM 3**

**THE JOURNEY TO REDEFINE THE FUTURE OF FIT BOA TECHNOLOGY**

The presentation will cover the history of the company BOA Technology (who we are, where we come from) followed by a detailed explanation of our technology BOA Fit System and its benefits for the end users.

**Speakers**

**Luca Danova**, Market Development Specialist & Account Manager EMEA – BOA Technology  
 Story of the Company, business model, commercial topics

**Daria Biryukova**, Factory Support Manager – BOA Technology  
 Technical topics on BOA platforms

6 JUNE

WEDNESDAY 7 JUNE 2023

**9.00 - 10.15 CONFERENCE ROOM 2**

**GREEN&BLUE INNOVATION HUB**

**Different paths to decarbonise the shipping industry**

Time flies, they say, and the goal of a 90% reduction in transport emissions by 2050 seems hard to meet at this point. Hydrogen and ammonia are the most discussed "new" fuels for ships when the discussion comes to shipping decarbonization, but they're not the only free-emissions possible propulsions: within the session, we will also discuss opportunities and challenges - tech and business-wise - of wind propulsion.

**Moderator Giovanni Satta**, Associate Professor Department of Economics and Business Studies University of Genoa

**Panelists**

**Katalin Dobranszky**, Senior Director Innovation, Finance & Fiscal Affairs – ECSA

**Darko Levicar**, Director Transport Policy Hydrogen Europe

**Cristina Maggi**, Director H2IT

**Mario Mattioli**, President, Confitarma

**Ignazio Messina**, Ports and Infrastructure Committee Delegate Assarmatori

**Orestis Schinas**, Delegate International Windship Association

**How to decarbonize shipping using hydrogen: Simplify approach**

**Sergio Torriani**, Founder and CEO Simplify

**Carbon capture solutions for decarbonization**

**Filippo Lossani**, Director della BU Marine ECOSPRAY

**9.30 - 12.30 CONFERENCE ROOM 1**

**WHEN CYBER IS MERGED INTO THE SEA**

After last year's NATO Summit in June, marked by the ongoing conflict between Russia and Ukraine, in the document known as the Strategic Concept - an act that ratifies NATO's new posture with respect to future threats - we understand how the alarm of political decision-makers of the member countries of the Alliance is above all related to the new frontiers of conflicts which, among other priorities, sees an emphasis placed on the growing interweaving between the cyber and space dimensions. The European Commission and the High Representative recently adopted a Joint Communication on an enhanced EU maritime security strategy aimed at ensuring peaceful use of the seas and protecting the maritime sector from new threats. They also adopted an updated action plan that will implement the strategy. Up to 99% of global data flows are transmitted through submarine cables, which are also subject to cyber and hybrid attacks. It is mandatory to make the Underwater Domain even more secure from a cybernetic point of view.

The maritime safety is of vital importance for the European Union and its Member States and, precisely in this sense, the European Commission and the High Representative Borrell have foreseen an updated action plan which will implement the strategy.

**Authority Hon. Matteo Perego di Cremnago**, Under Secretary of Defense

**Chairman Gen. Giuseppe Morabito**, NATO Foundation

7 JUNE

7 JUNE

**9.30 - 18.30**

EXHIBITION AREA B2B

PITCH AREA PITCHING SESSIONS

7 JUNE

## Opening by SSSD

### Participants

Prof. **Michele Colajanni**, University of Bologna  
Assistant Prof. **Luca Valcarengi**, Istituto Superiore Sant'Anna Pisa  
Dr. **Andrea Gilli**, Senior Researcher NATO Defence College  
Rear Admiral **Francesco Procaccini**, Chief of the C4S Dept. of the General Staff of the Navy  
Dr. **Mario Beccia**, Deputy NATO Chief information Officer for Cybersecurity, NATO Headquarters (TBC)  
Dr. **Pierangela Pitzolu**, International Government Business Development Director - Telsy  
Dr. **Gennaro Faella** – SVP Strategic Innovation & Development, Leonardo

7 JUNE

## 9.00 - 11.00 CONFERENCE ROOM 3

### NATIONAL CONFERENCE OF REGIONAL MARITIME CLUSTERS

#### *By the Ligurian District of Marine Technologies - DLTMT*

*The strategic importance of regional clusters for their associated enterprises: collaborations at regional, national, and international level, participation at grants and tenders, provision of services. Excellences of Liguria and high-Tuscany territory: realities that span different and complementary fields, able to work together towards the improvement of the enterprises of the territory, innovation, and internationalization. The opportunities secured by the systematization of regional clusters within the national Blue Economy Cluster.*

#### Speakers

**DLTM Lorenzo Forcieri**, President  
Favoring the matching between enterprise and research in regional, national and European projects  
**NAVIGO Pietro Angelini**, Director  
Yachting & defense, cross-cutting innovations to compete  
**TICASS - Managing entity of Polo EASS Giorgio Saio**, CEO  
Energetic transition and Blue Economy: the experiences of Pole EASS  
**BIG Giovanni Caprino**, President  
The opportunities secured to regional districts by Cluster Big

7 JUNE

## 9.30 - 11.00 VESPUCCI TALL SHIP

### EXPLORE THE UNEXPLORED: NEW TECHNOLOGIES FOR THE OCEAN MAPPING

#### *Hydrographic Institute of the Navy*

*The Earth is an ocean planet—more than 70 percent of the surface is covered by seawater. But despite being such an essential part of life, the deepest parts of the world's oceans are still largely unexplored. According to the GEBCO, merely 25 percent of the seafloor has been mapped with accuracy and less than 18 percent in the Arctic. But the state of sea exploration is changing fast. The dark, high-pressure conditions of the ocean depths that once made research there impossible are now being explored with cutting-edge technology. That new tech and the discoveries to come from it are the focus of modern Ocean Mapping.*

Chairman Rear Admiral **Massimiliano Nannini**, Director, Istituto Idrografico della Marina

#### Panelists

**GianMaria Iacobone** – SAIPEM – E&C OFFSHORE  
**Sergio Cappelletti** – DRASS Group – Managing Director  
**Massimiliano Arcieri** – Planetek Italia – Business Development Manager Government & Security SBU  
**Carlo Coretti** – e-GEOS – Head of Programs

7 JUNE

## 10.15 - 11.30 CONFERENCE ROOM 2

### GREEN&BLUE INNOVATION HUB

#### Different paths to decarbonise the ports

#### Offshore energy production

*Renewable energy will play a fundamental role in reaching the European goal of being climate-neutral by 2050 – including the generation of more energy at sea and from the sea. Although the deployment of offshore technologies for electricity generation in the Mediterranean Sea has been relatively slow so far, thanks to technological innovation, there is now a big potential for further development in a cost-effective way, both for wind and wave energy power.*

Moderator **Luigi Severini**, President iLStudio Severini



7 JUNE

#### Panelists

##### Offshore Wind in Europe

**Giuseppe Costanzo**, Analyst - Markets & Wind Energy Technology Wind Europe

**Lotta Pirttimaa**, Senior Policy Officer Ocean Energy Europe

**Agnes Agterberg**, Economic Affairs Counselor Embassy of the Netherlands in Italy

**Vincenzo di Pisa**, Director Copenhagen Offshore Partner

**Alessandro Migliorini**, Country Manager Italy European Energy

**Monica Spada**, Head of Research & Technological Innovation ENI\*

7 JUNE

#### The future of onshore power supply

*What are the real perspectives and uses of cold ironing in the Italian and European contexts?*

**Moderator Alexio Picco**, managing director Circle Group and EU funding expert

#### Panelists

##### La Spezia Port Authority - Cold Ironing Projects

**Fabrizio Maggioni**, Sales Manager Mont-Ele

**Fabio Brunetti**, Project Manager Mont-Ele

##### Presentation of European Project EALING

#### 11.30 - 13.00 CONFERENCE ROOM 3

#### LEVIATAD (COSME/HORIZON PROGRAMME)

#### *Ligurian District of Marine Technologies - DLTM*

*The Project aims at creating the 1st Eurocluster of Excellence on Naval Defense. This will be obtained following an Action Plan on three steps:*

- 1) Obtain a mapping of the Naval & Aero Naval Defence sector value chain post COVID-19 crisis to better understand the European ecosystem's structure as well as the possible transnational synergies and complementarities. This will allow the Consortium to draw the lessons concerning disruption and dependencies and manage a more efficient industrial strategy (including green and digital transition) to engage better resilience and competitiveness in a long-term European strategic approach.*

- 2) Put in place actions to support SMEs in their up-skilling towards strategic technologies innovations that will be the base of their path towards resilience and autonomy boosting European sovereignty in Defence sector. Support measures will be for example training workshops and vouchers.*

- 3) Go to international is the third step providing for other supporting measures (e.g. workshops, vouchers, studies of international markets) to help SMEs to acquire skills in some third countries markets as well as internationalisation to foster synergies and new business lines towards these non-EU countries. This will foster action plans to enhance the European position in the value chain and engage resilience activities by supporting innovation processes and helping SMEs join forces and better cooperate with major public and private groups including in European and within international markets. These plans would have a strong focus on resilience and European synergies.*

7 JUNE

#### Chairman Giovanni Caprino

#### Speakers

Mr. **Stéphane Claisse**, Director of the Toulon Var Technologies – System Factory

Value chain mapping of the naval defence and aeronautics sector: a long-term increasing of the resilience and the start-up competitiveness for an European strategic approach

Mrs. **Eveline Buych**, Innovation Manager of the Blauwe Cluster

Innovation training: supporting SMEs towards better qualification

Mr. **Goran Barasac**, President of the Croatian Defence Industry Competitiveness Cluster (CDICC)

Financial support to third parties: supporting SMEs towards strategic technological innovation

7 JUNE

#### 11.30 - 12.30 CONFERENCE ROOM 2

#### GREEN&BLUE INNOVATION HUB

#### Cold Ironing in National Ports: Check-Up on Programming, Regulation and Implementation *in collaboration with the Ministry of Infrastructure and Transport and RAM*

**Moderator Alexio Picco**, managing director Circle Group and EU funding expert

#### Panelists:

**Maria Teresa Di Matteo**, Head of the Department for sustainable mobility of the Ministry of Infrastructures and the Transports



7 JUNE

**Elisabetta Pellegrini**, Coordinator of the Technical Structure of Mission for the strategic direction, the development of infrastructures and the High surveillance of the Ministry of Infrastructures and the Transports

**Mario Sommariva**, President of Eastern Ligurian Sea Port Authority

**Maria Elena Perretti**, Head of Advisory Central Administration business development Cassa Depositi e Prestiti

**Maurizio Manni**, Head of Infrastructure Hub - Urban Regeneration and Infrastructure Cassa Depositi e Prestiti

**CLOSING REMARKS**

Hon. **Edoardo Rixi**, Deputy Minister for Infrastructure and Transport

7 JUNE

**12.30 - 13.00 CONFERENCE ROOM 2**

**GREEN&BLUE INNOVATION HUB**

**Interview : The Strategy for Digital Interoperability and the evolution of the National Logistics Platform**

Hon. **Edoardo Rixi**, Deputy Minister for Infrastructure and Transport

**Ivano Russo**, Sole Administrator, RAM

**13.00 - 14.00 Lunch Break**

7 JUNE

**14.00 - 15.15 CONFERENCE ROOM 2**

**GREEN&BLUE INNOVATION HUB**

**Ports & energy transition**

*The possibility of being defined as “energy communities” has finally been recognized to ports, as a support for their transition to the use of renewable energies to satisfy the typical energy-intensive needs of port areas. Ports, therefore, assume an increasingly central role in the current energy transition process, becoming energy hubs - energy storage and distribution points - and encouraging the consumption of green energy by the entire maritime cluster and inland supply chain. Which will be the next steps of this new path for ports?*

**Moderator Luca Bergonzoli**, Managing Partner Integra Società Benefit

**Panelists**

**Renewable Energy Communities the game changer**

**Jean Pierre Lamblin**, Founder CO2 Tracker

**Lucas Bosser**, Director for Transport and Energy, Conference of Peripheral Maritime Regions (CPMR)

**Boumedienne Beladjine**, Senior lecturer, university of science and technology, expert in green shipping, ministry of high education, consultant CETIC

**Ports as key players of the energy transition in the Med - UfM Policy framework & support**

**Adriana Salazar**, Blue Economy Expert, Union for the Mediterranean

**Federica Montaresi**, Secretary General Eastern Ligurian Sea Port Authority

**Sergio Pedrazzini**, Sole Administrator Solar Solutions, Gruppo Fratelli Visconti

**Ports and Renewable Energy Communities - Preliminary Energy Simulations**

**Federico Aleotti**, Researcher RSE - Ricerca sul Sistema Energetico

7 JUNE

**14.30 - 15.30 CONFERENCE ROOM 1**

**AUTNONAME - “AUTOMATION AND REMOTE CONTROL OF THE NONAME® SYSTEM”**

*Limescale and biofilm have always been a problem in all circuits in which water circulates, greatly reducing their flow rates and consequently their efficiency. The concretions themselves form a favorable environment for the proliferation of potentially pathogenic microorganisms for users. In the military, this issue takes on even greater significance and is closely linked to the operation of the maritime military instrument. The problem is amplified when maintenance of the system/equipment has to be carried out resulting in long technical downtime and consequent suspension of service. The timeless and effectiveness of interventions are, therefore, decisive in the overall economy of plant management. The Noname® system, which uses a food-grade purity gas mixture, promises to eliminate calcareous concretions and biofilms, eliminating failure times and optimizing shipboard systems. The conference will showcase the results of AUTNONAME project experiments conducted at the University of Genoa, the use of the gas mixture, and the remotely developed continuous control system.*

**Speakers**

**Prof. Agostino G. Bruzzone**, Full Professor at DIME, Genoa University, Principal Investigator of AUTNONAME Project – Genoa University  
 Results of experiments conducted at the University of Genoa on the AUTNONAME system and possible future developments.

7 JUNE

Ing. **Lucio Piticchio**, CEO of Arconhe – Arconhe srl

Noname as innovative solution for solubilize limestone, decrease biofilm ecrustation and block bacterial fermentation.

### 14.30 - 16.30 CONFERENCE ROOM 3

#### DEFEND, PRESERVE, PROTECT.

##### *Sea Shepherd Italia Onlus Foundation*

*Do we want to continue to exploit the sea or do we finally decide to safeguard the sea and ourselves? Everyday Sea Shepherd volunteers goes to the sea to defend its inhabitants and what do we want to do? Looking back in our history there have been tragic pages where people have chosen to become partisans to gain freedom. Today it is up to us to become fighters, partisans to save our species from absurd logics that exploit the planet. So it's up to us to pick a side. Collaboration between police forces and civil society, the great challenge of the new anti-poaching in the Sea*

**Chairman Andrea Morello**

**Speaker Adv. Cesare Colonna** (online)

**15.40 - 16.00** The Police of the Sea

Brigadier General **Maurizio Muscarà**

**16.00 - 16.30**

Intervention by the Minister of Civil Protection and Sea Policies, **On. Nello Musumeci**

7 JUNE

### 14.30 - 18.00 VESPUCCI TALL SHIP

#### HIGH-LEVEL ROUND TABLE ON "ONE OCEAN-ONE HEALTH: THE HEALTH OF THE SEAS IS DECIDED ON THE MAINLAND"

##### *Water Academy Srd Foundation, Sustainable And Responsible Development*

*Starting from the assumption that the state of health of the Oceans is determined by the decisions that are taken on earth, especially in relation to the fact that, as authoritatively supported by the Scientific Community, we live in an unprecedented era defined "Anthropocene", a paradigm shift is needed to put the sea at the center of our lives. The relationship between mankind and the sea can be interpreted in all respects as a New Frontier. The seas, even within the specific and dimensional differences that distinguish them, are fundamental elements, for example, in the formation of the climate, and therefore the study of the so-called "Climate-Ocean Nexus": It is now of fundamental importance to try to understand the variables that characterize the phenomenon of Climate Change.*

**Chairman Prof. Alessandro Leto**

##### Speakers

Professor **Giuseppe Novelli**, University of Rome Tor Vergata

Professor **Maurits Van Roojen**, Global University System

Dr. **Filippo Uberti**, ENI SpA

Dr. **Monica Spada** - ENI SpA

Dr. **Simone Fortunato Mortara** - ENI SpA

Dr. **Helga Maria Piaget** - Passion Sea

7 JUNE

### 15.15 - 16.30 CONFERENCE ROOM 2

#### GREEN&BLUE INNOVATION HUB

##### *Blue Circular Economy*

*The "blue economy" is a huge segment of the global economy and we are fully aware of the impact of its activities on both the oceans and the land and, therefore, the importance of making it as sustainable as possible to support the European green transition. In this context, limiting environmental damages is not enough: alongside the effort to reduce emissions, it is necessary to develop circular and regenerative models that enable nature-based solutions with vitality and health for economic systems, generating new business opportunities for all the blue economy players and significantly benefiting marine ecosystems. The session will also focus on the crucial role of ports in reducing marine litter through effective waste management.*

##### Moderators

**Cristian Chiavetta**, Industrial researcher on Circular Economy ENEA

**Chiara Lombardi**, Researcher at the Laboratory of Biodiversity and Ecosystem Services - ENEA

##### Panelists

**Alexia Spyridonidou**, Business Development Manager of the Circular Economy and Climate Change Institute of the EPLO

**David Pellegrini**, 1° Scientific Researcher, ISPRA

**Matilda Mali**, Reseracher PhD Chemistry And Environmental Technology, Polytechnic University of Bari

Best practices in the port of La Spezia: the Prisma-MED project

**Simone Pacciardi**, Special projects, relations with the EU and market development Port Authority of the Eastern Ligurian Sea

Regeneration approach in the blue economy

**Marcello Magaldi**, Researcher CNR-ISMAR

**Paolo Varrella**, President of the "Cooperativa Mitilicoltori Associati"

**Claudia Gianstefani**, Councillor for the Environment Municipality of Lerici

## 16.00 - 18.00 CONFERENCE ROOM 1

### FRANCO BARDELLI AND MARIO CALZERONI. EXCELLENCE IN SCIENCE AND RADAR DEVELOPMENT IN ITALY

*Towards the future without forgetting the past. It will be presented the historical escursus of radar science in Italy, from the post-war period to recent times, through the works of two exceptional protagonists. The Engineer Franco Bardelli, creator of companies such as Selenia Spa and IDS Spa and the Admiral Mario Calzeroni, creator of the SPQ-5 radar, for the discovery of antisom from the surface, as well as the first Italian stone of CORA technology.*

**Chairman Dario Guerrini**, CEO Gueda System

#### Speakers

Businessman **Dario Guerrini**, CEO - Gueda System

Contribution to the Italian industrial growth. Genius of M. Calzeroni, results and memories of those who flanked him

Eng. **Giovanni Bardelli**, Entrepreneur

The activities and life of Franco Bardelli, Selenia, IDS, Georadar and more

Eng. **Vincenzo Arrichiello**, Entrepreneur - Leonardo (r)

Carlo Calosi and his role as Mentor for Franco Bardelli and promoter of post-war Italian industry

## 16.30 - 17.30 CONFERENCE ROOM 2

### GREEN&BLUE INNOVATION HUB

#### Port/city relationship - Sustainable projects

*Every year, hundreds of millions of travelers transit through European ports. Sometimes, friction with the city where ports are located might arise because of the management of a large number of tourists, transportation congestion, and high polluting emissions. Today, thanks to the cooperation between ports, local administrators, and other public-private players such as cruise companies, it is possible to foster a better city-port relationship with projects and initiatives that support an integrated and more sustainable development of the city-port areas in terms of economic, social, cultural and environmental aspects*

**Moderator Federica Montaresi**, Secretary General Eastern Ligurian Sea Port Authority

#### Panelists

**Alberto Cappato**, General Manager AIVP

**Serena Carassale**, ESG and Sustainability Specialist Tarros Group

**Flora Albano**, Office EU Affairs, Project Management and Blended Finance Western Sicilian Sea Port Authority

**Daniele Ciulli**, General Manager La Spezia and Carrara Cruise Terminal

**Giacomo Raul Giampedrone**, Councillor for Public Works, Infrastructure and Roads, Water and Waste Cycle, Soil Protection, Environment and Land Protection Liguria Region

## 16.30 - 18.00 CONFERENCE ROOM 3

### *The Italian historical excellences in the field of technological innovation and in the field of electronics are the root of the present and future success*

#### International Wireless Studies – IWS Group

**Chairmen Mr. Elia Cicillini**, Dr. Nicola Annedda

The speeches will recall the path of innovations in the field of interest in general and specific focus on telecommunications and cryptography

#### Speakers

Prof. **Stefano Giordano**, Professor – Dept. Engineering of the information - CNIT University of Pisa

From Marconian inventions to 5G

Eng. **Daide Adami** - UniPi  
 From early 16th century cryptography to the Cold War

**Bruno Grassi**, Co-fondatore IWS La Spezia  
 From Enigma Machine to Public and Private Key

## 17.30 - 18.30 CONFERENCE ROOM 2

### **GREEN&BLUE INNOVATION HUB** **Green & blue shipyards**

*Shipyards can play an important role in the ecological transition of the sector. It is not only about building ships that can use new fuels or green coatings, but also about the sustainable management of the shipyard's operations, therefore the use of renewable energy and, for example, the attention to the whole waste management cycle.*

**Moderator Alexio Picco**, managing director Circle Group and EU funding expert

#### Panelists

*Towards a Net-Zero ShipBuilding Industry*

**Ana Casaca**, Founder and CEO World of Shipping Portugal - Trainer & Researcher, External Expert European Commission World of Shipping Portugal

**Mario Gerini**, President Confindustria La Spezia

**Patrizia Saccone**, Councillor for Economic Development, Labour, EU Affairs, University and Research, Miglio Blu Project, Professional Education, Urban and Territorial Planning, Territorial Construction Municipality of La Spezia

**Paolo Bertetti**, Vice President Technical & R&D Sanlorenzo Yacht

**Paolo Misitano**, Quality Department Director The Italian Sea Group

**Riccardo Papa**, Director CISITA

**Roberto Guido Sgherri**, President Fondazione ITS

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THURSDAY 8 JUNE 2023

## 9.00 - 12.30 CONFERENCE ROOM 2

### 9.00 Registration

Chairmen

**Leonardo Manzari**, **Christain Chiavetta**, WestMED Assistance Mechanism – National Hub for Italy

### 9.30 Welcome greetings

*WestMED Initiative - Italian National Coordinators*

**Daniele Bosio**, Ministry of Foreign Affairs

**Luca Palazzo**, Presidency of the Council of Ministers - Department for Cohesion Policies (DPCoe)

### 9.35 Introduction

**Manuel Pleguezuelo**, European Commission - DG MARE (online)

### 9.40

**Adriana Salazar Olivan**, Union for the Mediterranean

### 9.45

**Maltese National Coordinator, WestMED Initiative co-Presidency**

**Shaun Patrick Ebejer**, Ministry for Transport, Infrastructure and Capital Projects (online)

### 10.00

**Main Achievements of the WestMED Maritime Clusters Alliance and its members**

*EMFAF Calls open to the Southern Shore non-EU countries*

**Anja Detant**, CINEA

*Establishment of the Mauritanian Maritime Cluster*

**Hamadi BABA HAMADI**, President Mauritanian Maritime Cluster

*MEDBLEUE 2022 Tunis*

**Emna Sohlobji**, Cluster Maritime Tunisien

9.30 - 18.30  
 EXHIBITION AREA B2B  
 PITCH AREA PITCHING SESSIONS

8 JUNE



### The Hub Azul Dealroom

**Ruben Eiras**, Forum Oceano

### The position/role of Clusters in the new European Blue Forum

**Laurence Martin**, Federazione del Mare, ENMC, Thanos Smanis WMAM

### Approved projects

*ForMare - EMFAF Maritime Clusters – CALLMEBLUE; ERASMUS+ - MARMED*

*Forum Oceano - COSME Euroclusters – MedBan*

*CTN BIG – COSME Euroclusters – IKAT*

*TVT & DLTM - COSME Euroclusters – LEVIATAD*

*MARE FVG - EMFAF Maritime Clusters – Green Marine MED*

*Strategis Cluster - ERASMUS+ - MAQUAM*

*SGD4MED – EMFAF Ports & Maritime Transport – POWER4MED*

*Federazione del Mare – EMFAF Women in Blue Economy – WINBIG*

*Pole Mer Méditerranée – COSME Euroclusters – ELBE Alliance (online)*

### Established cooperation agreements and synergies

*Antonio Novo Guerrero, European Clusters Alliance*

*Axelle Salvage, ENMC*

*Walter Wassallo, Blue Marina Awards*

### 11.30 Open discussions about further progresses on the main goals of the WM MCA

**Thanos Smanis**

- 15 mins > Cluster dialogue:
- 15 mins > Cluster up-scale South-South:
- 15 mins > Capacity building North-South:
- 15 mins > Investment attraction

### 12.30 Conclusion of the event

**Giovanni Caprino**, Cluster BIG – **Mario Mattioli**, Federazione del Mare

## 13.00 - 14.00 Lunch Break

## 14.00 – 16.30 CONFERENCE ROOM 2

### ITALIAN AND PORTUGUESE MARINE AND MARITIME CLUSTERS: BEST PRACTICES AND EXPERIENCE EXCHANGE

#### Synergies between the Hub Azul Portugal and the Italian clusters

*An increasing number of countries have already placed blue economy at the core of their governmental strategies, and the national marine and maritime clusters' role is becoming increasingly fundamental on various aspects. The blue economy management differs from country to country from various point of view, including but not limited to: research and innovation, business support through targeted industrial policies and financial support, training at various levels, etc. During this session many experts coming from National Blue Economy Clusters in Italy and Portugal will share their models and experiences in all relevant aspects, with the aim to highlight differences and facilitate the exchange of best practices.*

#### 14.00-14.30 Registration

**Moderator Leonardo Manzari**, WestMED Assistance Mechanism – National Hub for Italy

#### 14.30-14.45 Welcome & introduction: the blue economy at the core of national strategies and priorities

**Daniele Bosio**, Ministry of Foreign Affairs, WestMED National Coordinator

#### 14.45-15.15 Forum Oceano: the Portuguese blue economy management model

**Ruben Eiras**, Secretary General, Forum Oceano

#### 15.15-15.45 Cluster Blue Italian Growth & Federazione del Mare: the Italian blue economy management model

**Giovanni Caprino**, Chairman, Cluster Blue Italian Growth

**Mario Mattioli**, Chairman, Federazione del Mare

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### 15.45-16.15 Roundtable

#### Highlighting differences and mutual inspiration between Italian and Portuguese management models

**Gonçalo Faria**, Hub Azul Portugal

**Rita Sousa**, FABER - Portugal Blue private operator (online)

**Fabio Fava**, EU MISSION "Restore our Ocean and Waters" - Lighthouse for the Mediterranean (online)

**Alessandro Iafrazi**, CNR Institute of Marine Engineering, Sustainable Blue Economy Partnership

### 16:15-16:30 Closing

**Marisa Silva**, Director General of Maritime Policy, Ministry of Economy and Sea, Portugal (online)

**Luca Salamone**, Presidency of the Council of Ministers – Minister of Civil Protection and Sea Policies

8 JUNE

### 16.30 -18.00 CONFERENCE ROOM 1

#### FUORI ONDA

The upheavals that Europe is going through pose questions that are difficult to interpret. International scenarios are crucial and will have long-term repercussions on the lives of all of us. Reporting effectively and correctly on major geopolitical issues is not easy. It is necessary to be able to assess the correctness of sources, maintain independence of judgement and at the same time keep the public's attention high without giving in to the spectacular.

#### Opening remarks

**Cristiana Pagni**, CEO Italian Blue Growth

Rear Adm. **Antonello de Renzis Sonnino**, UPICOM Head office, Italian Navy

Chairman **Paola Spadari**, Journalist ANSA

#### Speakers

Dialogue between **Carlo Bartoli**, National President of the Order of Journalists, and **Carmen Lasorella**, journalist.

### 17.00 -18.00 CONFERENCE ROOM 1

#### SEAFUTURE AWARDS & CLOSING CEREMONY

*Awarding of the 7 Thesis finalists and the Thesis finalists of the Higher Secondary Institutes of the Liguria Region*

### 21.00 PIAZZA EUROPA, LA SPEZIA

#### CONCERT GIVEN BY THE MUSIC BAND OF THE ITALIAN NAVY

*Free Seats*