



CIBEA

OFFICIAL PROGRAMME

SRI LANKA H2 & GF FORUM 2024

JANUARY 18TH, 2024

**CHARTING THE FUTURE OF GREEN FUELS BUNKERING
AT TRINCOMALEE PORT**

WWW.CIBEA.NET

PROGRAMME INTRODUCTION



Can Sri Lanka produce Green Hydrogen at \$1/kg by 2030?

On **January 18th** we will hold a Forum to discuss with international experts the techno-economic strategies to achieve that goal.

It will be held at the **Ministry of Ports, Shipping and Aviation, Auditorium, Colombo**

Time of event: **2:30 PM - 6:00 PM Sri Lanka Time**

Please register for the live stream at
www.cibea.net

DETAILS

From Blue Ocean to Green Fuels: Navigating the Path to Green Bunkering at Trincomalee Port



From Blue Ocean to Green Fuels is the visionary initiative led by the Ceylon Italy Blue Economy Association (CIBEA), uniting stakeholders from Italy and Sri Lanka in a collective effort to decarbonize Indian Ocean maritime transportation.

This strategic move is a pivotal tool to combat climate change risks, aligning with the principles and benefits of a Blue Economy approach.

Join us for a pivotal event as we chart a groundbreaking course for Trincomalee Port. Witness a confluence of leading minds from Italy, Sri Lanka, and beyond, united by a shared vision: transforming Trincomalee into a premier hub for Green Fuels bunkering in the Indian Ocean.

Target Audience: Government officials, industry leaders, academics, researchers, environmentalists, investors, and the general public.

CONTINUED...



Why Trincomalee?



- **Strategic location:** Perfectly positioned on the Genoa-Trincomalee Green Shipping Corridor, serving as a vital node for sustainable maritime transport.
- **Net-zero ambition:** Poised to house a dedicated net-zero Special Economic Zone for hydrogen and its derivatives, unlocking a new era of clean energy.
- **Jobs, Growth, and Clean Energy:** Trincomalee's Hydrogen and e-Fuels Park project, with its \$1 billion investment opportunity for green fuel production, storing, and bunkering infrastructures, offers impact investors a chance to fuel both economic development and environmental progress in Sri Lanka.

THE FORUM AGENDA



AGENDA



- **Expert Insights:** Renowned specialists from academia, industry, and the public sector will present 8 in-depth case studies, covering critical aspects of green fuels development at Trincomalee Port.
- **Engaging Roundtable:** Dive deeper into actionable strategies with the forum participants as we co-create the roadmap for Trincomalee's Green Fuels future.
- **Genoa University Mission Report:** Firsthand insights from the University of Genoa team, who will share their recommendations.
- **Keynote Address:** *Can Sri Lanka produce \$1/kg green hydrogen by 2030 taking advantage of Italian expertise and innovation in hydrogen and green fuels technology?* Join the President of the Italian Hydrogen Association Dr. Alberto Dossi as he explores this crucial question and its implications for Trincomalee's sustainability journey.

A BEACON OF COLLABORATION



Well-Wishers And Collaborators



- Office of the President of Sri Lanka
- Minister of Ports, Shipping and Aviation of Sri Lanka
- Sri Lanka Ports Authority
- University of Moratuwa, Sri Lanka
- Informatics International
- University of Genoa, Italy
- SACE (Italian Export Credit Agency)
- ENEA (Italian Agency for new technologies)
- ICE/ (Italian Export Agency)
- Embassy of Italy in Colombo

**DON'T MISS OUT ON THIS
GROUNDBREAKING GATHERING!
REGISTER TODAY AND BECOME
PART OF THE CHANGE, ONE
GREEN FUEL MOLECULE AT A
TIME.**



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Official Programme Schedule Below!



SCHEDULE

Charting the Future of Green Fuels Bunkering at Trincomalee Port

Welcome Remarks and Salutations (2:30 PM - 3:15 PM)

- Vittorio Coco, President CIBEA Ceylon Italy Blue Economy Association
- Dr. Keith Bernard, Chairman SLPA Sri Lanka Ports Authority
- Prof. Udayanga Hemapala, Dean Faculty of Engineering, University of Moratuwa
- Prof. Marco Giovine, President Centro del Mare University of Genoa
- H.E. Damiano Francovich, Italy's Ambassador to Sri Lanka and Maldives
- Hon. Douglas Denavanda, Minister of Fisheries
- Hon. Nimal Siripala de Silva, Minister of Ports, Shipping and Aviation
- Hon. Dinesh Gunawardena, Prime Minister of Sri Lanka

SCHEDULE

Charting the Future of Green Fuels Bunkering at Trincomalee Port

Keynote Address (3:15 PM – 3:30 PM)

Hydrogen Cost: overview and strategy for reduction

Prepared at HyRES (Hydrogen Technologies and Resilient Energy Systems) unit of the CENTER FOR SUSTAINABLE ENERGY (SE).

Fondazione Bruno Kessler (FBK) <https://www.fbk.eu>



**Presenter: Dr. Gionata Luca, H2 Researcher at
HyRES unit**



SCHEDULE

Session One (3:30 PM - 4:45 PM)

Unveiling Cutting-Edge Solutions for a Hydrogen Park in Trincomalee, Sri Lanka, with World-Leading Experts

Presentations by top experts to stimulate a comprehensive feasibility study on the development of a green fuels ecosystem in Trincomalee Port, Sri Lanka, covering key concepts such as ocean-to-hydrogen production, hydrogen in the ports, net-zero special economic zones, green shipping corridors, cruise liners sustainable tourism. strategic engineering, hydrogen diplomacy and more.

1.Ocean-to-Hydrogen: Unlocking Green Fuel Production for Trincomalee Port (Prof. Pau Farras, University of Galway, Ireland).

<https://www.linkedin.com/in/pau-farr%C3%A0s-440936/?originalSubdomain=ie>

2.Hydrogen in the Port: Powering Sustainable Operations in Trincomalee Port (Dr. Viviana Cigolotti, ENEA Italian Government Agency for new technologies)

<https://www.linkedin.com/in/viviana-cigolotti-a381854/?originalSubdomain=it>

3. Green Shipping Corridor Genoa,Italy-Singapore, via Trincomalee: Charting the Route to Sustainable Maritime Transport in the Indian Ocean (Dr. Carlo Raucci, Lloyd's Register Maritime Decarbonisation Hub)

<https://www.lr.org/en/expertise/maritime-energy-transition/maritime-decarbonisation-hub/>

CONTINUED...

Session One (3:30 PM - 4:45 PM)

4. Trincomalee as net-zero energy hub: opportunities and risks. Hints for a blueprint”

(Prof. Claudio Ferrari/Prof. Alessio Tei, University of Genoa)

<https://rubrica.unige.it/personale/VUZBWFTu>

<https://rubrica.unige.it/personale/UkNGXLJv>

5. Strategic Engineering for Green Fuels: Building Expertise for strategic decisions on Trincomalee Green Future (Prof.

Agostino Bruzzone, University of Genoa)

<https://corsi.unige.it/en/corsi/10728>

6. Designing of Green Fuels bunkering facilities in the Indian Ocean for cruise liners can propel Trincomalee, Sri Lanka, to

become a global destination for sustainable cruise tourism

(Sascha Gill, Vice President Environment and Sustainability of Cruise Lines International Association (CLIA) Europe)

[https://www.seatrade-cruise.com/people-opinions/clia-](https://www.seatrade-cruise.com/people-opinions/clia-europe-introduces-vp-sustainability-sascha-gill)

[europe-introduces-vp-sustainability-sascha-gill](https://www.seatrade-cruise.com/people-opinions/clia-europe-introduces-vp-sustainability-sascha-gill)

7. Eco-landscaping of a future Hydrogen Park in Trincomalee.

By Architect Giancarlo Zema, Chairman of GZDG (Giancarlo

Zema Design Group) designer of the HydrogenForest, the first environmentally sustainable charging station for hydrogen vehicles in Italy

<https://www.giancarlozema.com/>

[https://www.architecturepressrelease.com/gold-winner-](https://www.architecturepressrelease.com/gold-winner-hydrogenforest-giancarlo-zema-design-group/)

[hydrogenforest-giancarlo-zema-design-group/](https://www.architecturepressrelease.com/gold-winner-hydrogenforest-giancarlo-zema-design-group/)

moderated by Prof. Thurshara Subashinghe, University of Moratuwa

<https://uom.lk/>



SCHEDULE

Session Two (4:45 PM – 6:00 PM)

University of Genoa Team Report on Trincomalee Visit

Roundtable with Sri Lanka Stakeholders: From Insights to Action to co-create Trincomalee's Green Fuels Roadmap

Moderated by Professor Indra Mahakalanda. University of Moratuwa <https://uom.lk/>

Participants

- **Prof. Claudio Ferrari** – University of Genoa
<https://rubrica.unige.it/personale/VUZBWFTu>
- **Prof. Alessio Tei** – University of Genoa
<https://rubrica.unige.it/personale/UkNGXIJv>
- **BUREAU VERITAS Lanka**
www.bureauveritas.lk
- **ELS Group Engineer**
<https://elslanka.com/>
- **INFORMATICS INTERNATIONAL**
www.informaticsint.com/
- **CEY-NOR Chairman**
<https://www.ceynor.gov.lk/>
- **Mr. KDS Ruwanchandra. Secretary - Ministry of Ports, Shipping and Aviation**
<http://portmin.gov.lk/ministry-of-port-shipping/SECRETARYS-PROFILE>



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PLEASE ENJOY!

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