

October 7th – 9th 2024

Porto - Portugal

Get in touch with us  
info@blastinginnovators.com

+351 918 558 879



“An event to help you overcome Drill&Blast challenges”

WWW.WORLDBLASTINGINNOVATORS.COM

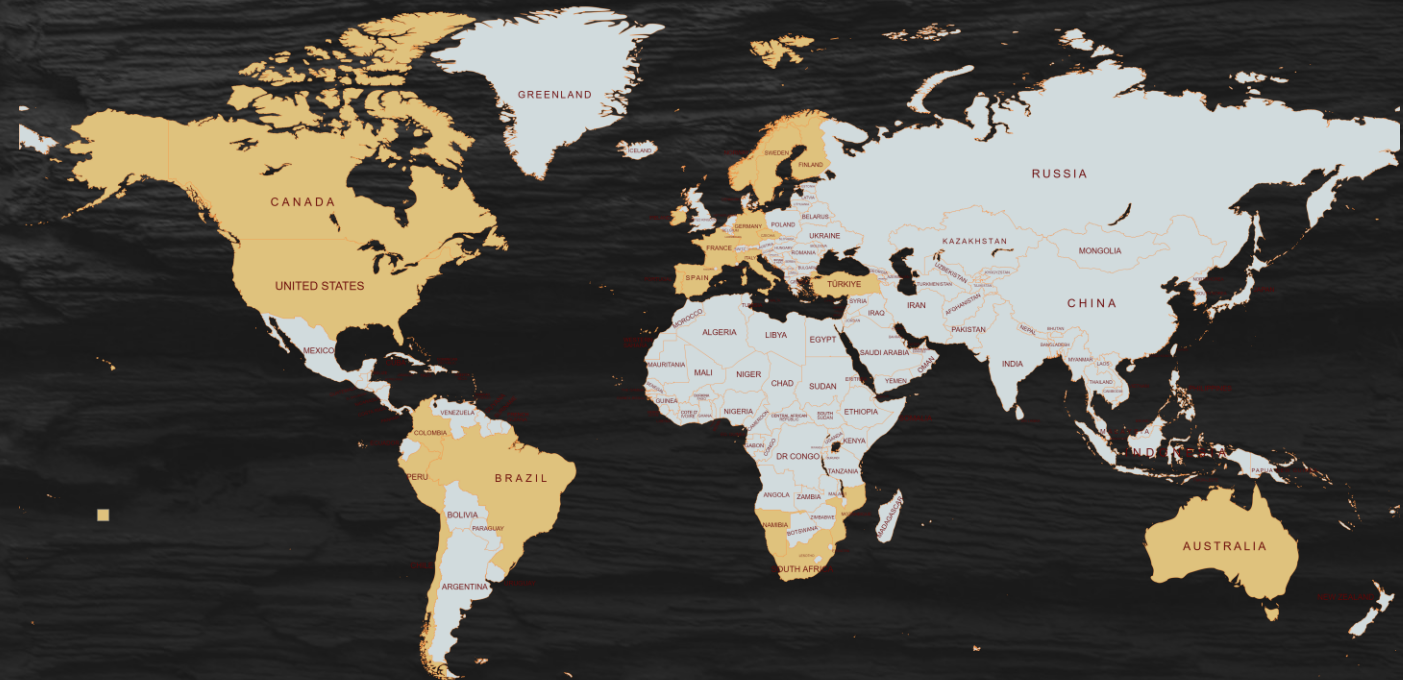


# What is WBI?



We created this community because we strongly believe in cross-collaboration. We see an opportunity here to revolutionize how businesses and products are developed! We live in a highly multidisciplinary world and it's essential to learn how to collaborate effectively with diverse individuals.

Our goal is to empower people to excel in their respective fields by enhancing their problem-solving abilities, fostering critical thinking, nurturing entrepreneurial skills, and facilitating collaboration with other trendsetters.





# EVENT OVERVIEW

Theme and Focus

# INNOVATION Drill&Blast

Key Objectives:

**Deep networking and  
learn the process to  
spark innovative ideas**

DRILL&BLAST  
INNOVATION KEY  
SPEAKERS

MASSIVE D&B  
DESIGN THINKING  
WORKSHOP

TEST YOUR LIMITS  
AS A MINING  
PROFESSIONAL

FIND SOLUTIONS  
FOR THE  
INDUSTRY

INTERNATIONAL  
DINNER PARTY

BOAT RIDE

# SPEAKERS



Eugene Preis  
Managing Director  
ERG Industrial



Raj Mathiravedu  
Vice President Digital Solutions  
ORICA



Daniel Johansson  
C. Prof. Mining Engineering  
Luleå University Technology



Evan Thibaud  
CEO  
Pneu Wave Consulting Inc.



Juan Navarro  
Modeling & Simulation  
Specialist - MAXAM



Nathan Rouse  
President Thoroughbred  
D&B Consultants



Andrew Palangio  
Senior Technical Specialist  
WipWare



Nikolaos Petropoulos  
Senior Research Engineer  
LKAB & Prof.  
at Luleå University



Vegard Olsen  
Sales & Marketing  
Manager - Forcit Norway



Arnaldo Arancibia  
Co-Founder President  
Nextdet



Mason Trouchet  
Director Of Business  
Development  
Shockwave Gel Technologies



Francisco Leite  
COO  
O-Pitblast



Thierry Bernard  
Founder, GM  
DNA-Blast Group

# SPEAKERS PRESENTATIONS



ERG  
INDUSTRIAL

## “Blasting is Art - so how can we consistently produce masterpieces?”

With case studies from Africa, North America, Middle East and Europe, Eugene will detail a contextual approach to getting the most out of drilling and blasting through combining solid blast engineering design principles.

**Eugene Preis** | Managing Director  
ERG Industrial



## “Innovations and recent developments in the Drill&Blast process – status and outlook in future”

Current landscape of Drilling and Blasting - knowledge and understanding. Strategies for Industry-wide data Integration, challenges and Future Advancements.

**Daniel Johansson** | C. Prof. Mining Engineering  
Luleå University Technology



## “A visionary approach to blasting aimed at improve the future of the mining industry”

Discussing the integration of robots, automation, and advanced technologies in blasting processes to upgrade mining methods. The focus will be on improving techniques for a more sustainable future in the mining sector.

**Nikolaos Petropoulos** | Senior Research Engineer at LKAB and professor at Lulea



## “How Unrivaled Blast Digital Twin Redefines Blasting Efficiency and Environmental Acceptability”

**Thierry Bernard** | Founder, GM  
DNA-Blast Group



# SPEAKERS PRESENTATIONS



## “The basics of blasting theory – Are they still counting?”

A historical perspective on blasting theory, exploring how the industry has progressively integrated new technologies over time to enhance safety, increase performance rates, and improve efficiency in mining and construction operations.

**Vegard Olsen** | Sales&Marketing Manager  
Forcit Norway



## “Hydrogel Stemming: Shaping the Future of Drill & Blast”

Shockwave Gel Technologies brings a world-first innovation in stemming material. Reliably generating greater pressure wave impedance and causing greater fragmentation with reduced dust and noise, Trouchet also reveals how simple it is to consistently achieve superior blast results with vastly less carbon emissions than traditional aggregate stemming.

**Mason Trouchet** | Director Of Business Development  
Shockwave Gel Technologies



## “Value creation through Collaborative Innovation: Evolution of DI(square)”

In the resources industry, there is no dearth of data. We have been collecting data through various sources. Key is the value we create and capture from the data. This presentation will focus on how different ecosystem partners in the value chain need to come together with a collaborative mindset to deliver value in transforming Data to Insights and then to Intelligence.

**Raj Mathiravedu** | Vice President Digital Solutions  
ORICA



## “The future looks great but let’s not forget the lessons of blasters-past!”

How can we successfully advance drill and blast technology if we forget the lessons of our past? What efforts are we taking to preserve the lessons of the past for today and the future? Join Nathan and let's try to understand what we can do to save those lessons so we don't have to relearn them in the future.

**Nathan Rouse** | President  
Thoroughbred D&B Consultants



# SPEAKERS PRESENTATIONS



## “Revolutionizing Blast Design for Enhanced Efficiency and Safety”

Explore the forefront of blast design innovation with a revolutionary approach and methodology, integrating cutting-edge digitalization techniques. Prioritizing enhanced efficiency and safety, we customize explosive density to rock properties, ensuring optimum results with every blast in both Open Pit and Underground operations.

**Juan Navarro** | Modeling & Simulation Specialist  
MAXAM



## “New inventions in explosive initiation systems”

To present new methodologies in blasting initiation systems, such as the Next3e device, which is an electronic adapter without explosive charge for its manufacture, transport and storage.

**Arnaldo Arancibia** | Co-Founder President  
Nextdet



## “How can we transform blast fragmentation data into positive actions and meaningful change?”

Case studies of measuring blast fragmentation at the crusher: analyzing truck loads as they are added to the crusher and giving valuable feedback on blast quality without disrupting the mucking process or interfering with shovels operation. Recent applications of this type to showcase the technology (AI and Deep Learning) at work, both in quarries or mines.

**Andrew Palangio** | Senior Technical Specialist  
WipWare



**Francisco Leite**  
COO  
O-Pitblast



**Evan Thibaud**  
CEO  
Pneu Wave

## “Drill&Blast Design Thinking Masterclass”

Fundamentals of Design Thinking process for the development of new ideas and prototypes for challenges in the Drill&Blast Industry

Empathize | Define | Ideate |  
Prototype | Test

# SPONSORS

## DIAMOND



## GOLD



TBA

## SILVER



TBA

TBA

## BRONZE



# PARTNERS

## COLLABORATIVE



## MEDIA

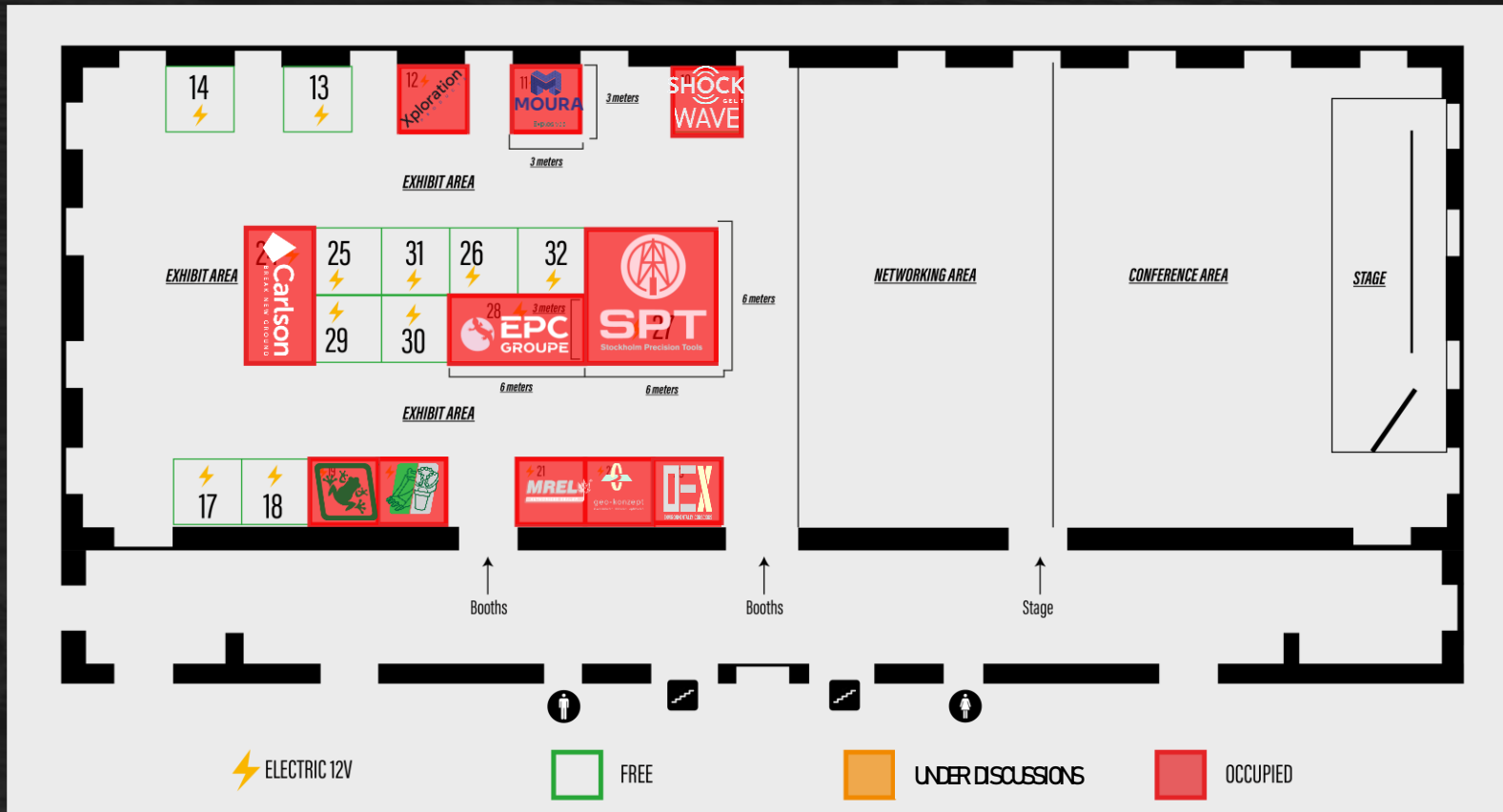


## INSTITUTIONAL





# Exhibitors



Limit availability

Join us at this unique conference to support innovation, connect with young generations, solve industry challenges, and enjoy productive business interactions. Secure your spot now!

For more information check details below or contact:

- [Info@blastinginnovators.com](mailto:Info@blastinginnovators.com)
- [sara@blastinginnovators.com](mailto:sara@blastinginnovators.com)
- +351 918558879

Exhibitors' details here: [LINK](#)





# AGENDA – October 7<sup>th</sup> 8<sup>th</sup> 9<sup>th</sup>

## Conference Activities (@ Alfândega do Porto)

### OCTOBER 7th

- 08:00 - Registration & Welcome
- 09:00 - Welcome message
- 09:15 - D&B Software training session
- 10:30 - Coffee Break
- 11:00 - D&B Software training session (QAQC)
- 13:00 - Lunch
- 14:30 - Juan Navarro - [MAXAM](#)
- 15:00 - Nathan Rouse - [Thoroughbred D&B](#)
- 15:30 - Mason Trouchet - [Shockwave Gel Tech.](#)
- 16:00 - Coffee Break
- 16:30 - Thierry Bernard - [DNA Blast](#)
- 17:30 - Arnaldo Arancibia - [NEXTDET](#)
- 18:00 - End

QUARRY OPEN DAY

dstgroup  
building culture

## TRADESHOW (@ Alfândega do Porto – exhibition hall)

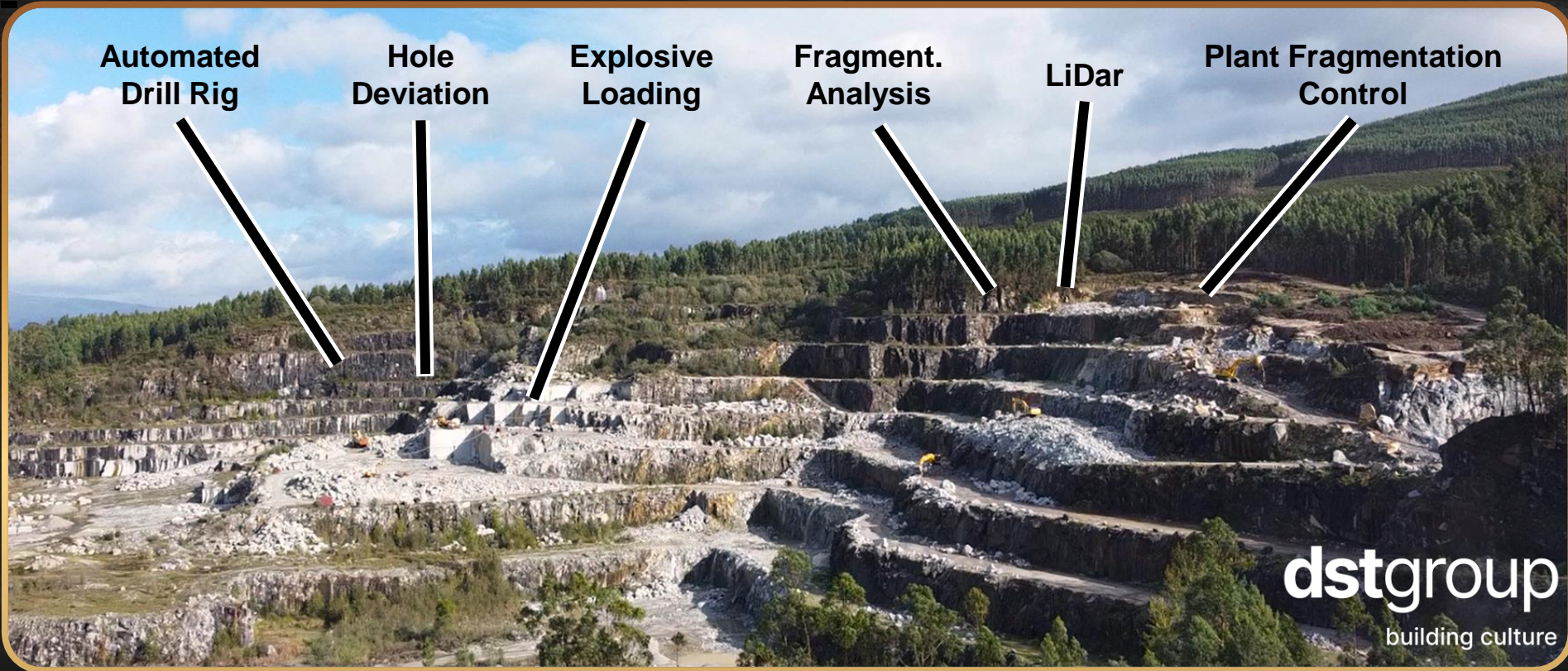
### OCTOBER 8th

- 08:00 - Registration & Welcome
- 08:30 - Olsen Vergard - [FORCIT](#)
- 09:00 - Andrew Palangio - [WIPWARE](#)
- 09:30 - Daniel Johansson - [Luleå University](#)
- 10:00 - Networking Break
- 11:00 - Eugene Preis - [ERG Industrials](#)
- 12:00 - Lunch
- 14:00 - D&B Design Thinking Workshop  
(Emphasize Define |Ideate) [Francisco Leite](#) & [Evan Thibaud](#)
- 16:30 - Networking Break
- 17:00 - D&B Design Thinking Workshop  
(Prototype)
- 18:30 – Bus to Dinner Party
- 19:00 – Welcome Cocktail
- 20:00 – International Dinner
- 22:00 – International Party

### OCTOBER 9th

- 08:00 - Registration & Welcome
- 08:30 - Session 5 – TBA - [ENAEX](#)
- 09:00 – Session 6 - TBA - [TBA](#)
- 09:30 - Session 7 - Raj M. - [ORICA](#)
- 10:00 - Networking Break
- 11:00 - D&B Design  
Thinking Workshop  
(Prototype)
- 13:00 - Lunch
- 14:00 - D&B Design  
Thinking Workshop  
(Test/Presentations)
- 17:00 – Helicopter Ride
- 17:30 – Boat Ride
- 19:00 – End

# QUARRY OPEN DAY



**OCTOBER 7th 2024**

**08:00 – 19:00**

## Drilling Station

Automated drill rig

Borehole deviation control

## Explosive Station

On-site fragmentation

Automated MMU

## Analysis Station

Plant fragmentation analysis

LiDar Drone System

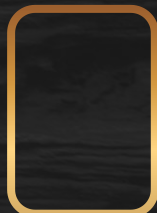
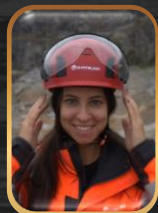
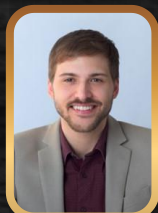
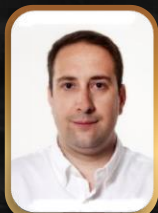
dstgroup  
building culture

dstgroup  
building culture

WipWare

O-PITBLAST

Carlson  
BREAK NEW GROUND



Nuno Faria

Diogo Fonseca

Andrew Palangio

Raquel Sobral

Nuno Fernandes

# VENUE INFORMATION



## PORTO CITY (PORTUGAL)

The Porto area is big and thriving, home to around 1.7 million people. Its economy has been booming for the past ten years. Porto is an excellent choice for a vacation, tradeshow and events because it has a lot to offer in terms of activities, safe neighborhoods, and nice hotels.

With such a large population, there are many public transportation options available to help you get around the city. You can easily travel from your hotel to the various attractions in the area or the airport.



Airport Code: OPO

Airport  Event Venue: ~20 Min.

Airport  Event Venue: ~40 Min.



Event Places: [LINK](#)



Porto Attractions: [LINK](#)



Porto Restaurants: [LINK](#)



Porto Bars and Night Life: [LINK](#)

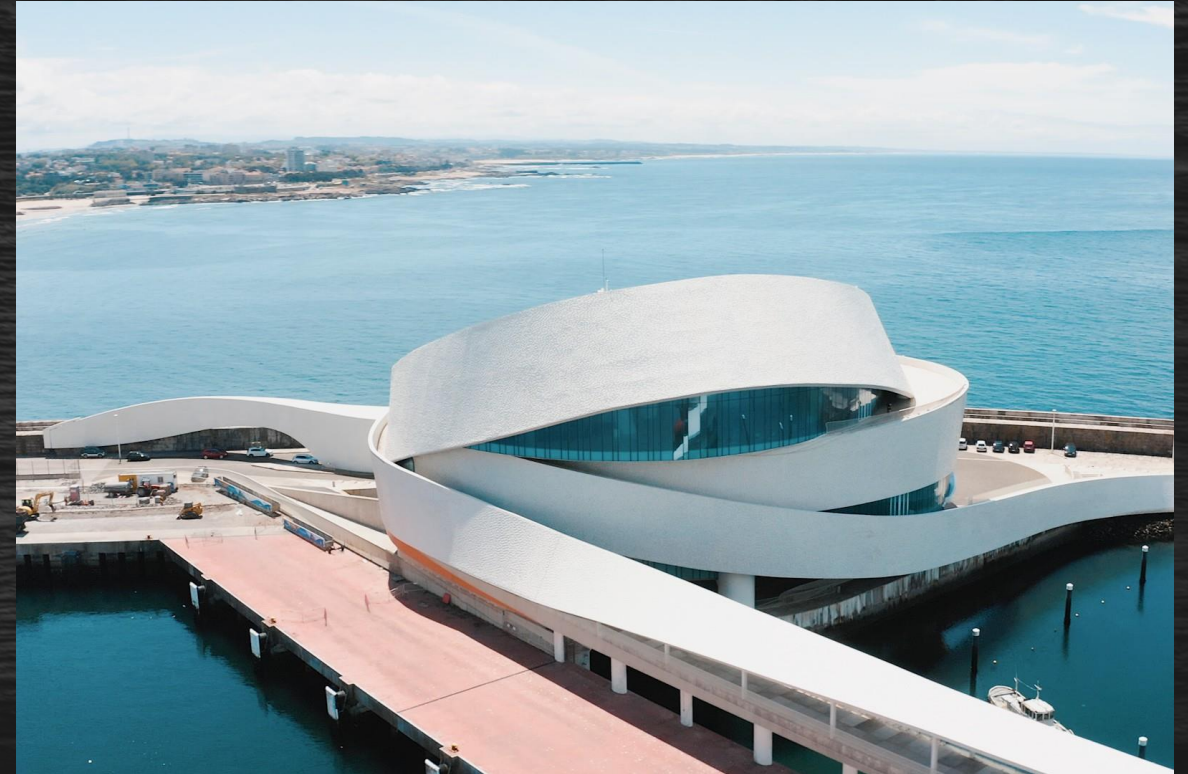


Tourist Information: [LINK](#)

OCTOBER 8<sup>TH</sup>-9<sup>TH</sup> 2024  
PORTO - PORTUGAL



Conference at  
Alfândega Congress Center Porto - [LINK](#)




International Dinner at  
Porto Leixões Cruise Terminal - [LINK](#)



# REGISTRATION INFORMATION

REGISTRATION OPEN: SEPTEMBER 1<sup>ST</sup>, 2023


## ATTENDEES

Tier 1  – €540 – Early Bid (LA)  
November 30<sup>th</sup> 2023

**SOLD OUT!**

Tier 2  - €690 (LA)  
July 31<sup>st</sup> 2024

Tier 3  - €940 (LA)  
September 30<sup>th</sup> 2024

Tier 4  - €1090 (LA)

+ taxes (if applicable)

LA = Limited Availability

## EXHIBITORS

Booth 3mx3m  – €1.990  
1 Attendee access

Booth 6mx3m  – €4.900  
2 Attendee Access

Booth 6mx6m  – €9.980  
3 Attendee Access

+ taxes (if applicable)

**SOLD OUT!**

## SPONSORS

Diamond  – €12.000  
2 Attendee Access

Gold  – €6.250  
1 Attendee Access

Silver  – €2.900  
1 Attendee Access

Bronze  – €1.500  
1 Attendee Access

+ taxes (if applicable)

WIN AN  
HELICOPTER  
RIDE 

\*Share your **registration code** with colleagues and friends – the most used code will win the helicopter ride over Porto City

BOOST YOUR  
SALES AND  
LEADS 

\***Deeply connected** with an audience that is ready to test new approaches to solve industry problems

LEVERAGE YOUR  
VISIBILITY 

\***Help this event to come true** and your brand will be shared all over the world



# HELICOPTER RIDE

## ATTENDEES, EXHIBITORS & SPONSORS

Upon registering, you will receive a code. **Share this code** with your friends and colleagues to encourage their participation in WBI. Ask them to use the code during their registration process.

The individual who shares the highest number of codes will be awarded an exclusive helicopter ride over Porto City.

Referral Program details here: [LINK](#)



**Referral Code**  
Share your Referral Code **XXXXXX** with colleagues and friends to win an Helicopter Ride over Porto City – find rules [here](#).

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