

BUILDING THE FUTURE OF TUNNELS & MARITIME WORKS

JOIN THE BEEYONDERS PROJECT WORKSHOP

The event will gather **BEEYONDERS** partners to explore **innovative solutions** for tunnel construction and maritime works. It will feature insights from **EU-OSHA**, lessons from **pilot sites**, and an interactive **exchange with participants**.

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TUESDAY
March 24th



09:00-
12:00



Zoom
meeting



Funded by
the European Union

AGENDA

Introduction

09:00-09:10	Project overview	Giorgia Signoretto (EBC) Antonio Alonso Cepeda (ACCIONA)
09:10-09:15	<i>Short icebreaker</i>	

Tunnel session

09:15-09:30	Autonomous wheel loader	Mustafa Karahan (Hidromek)
09:30-09:45	Autonomous aerial robots	Marco Antonio Montes Grova (CATEC)
09:45-10:00	Digital twin	Jose Carlos Jimenez Fernandez (Tecnalia)
10:00-10:10	Pilot site overview: Tunnel construction	Goretti Arias Ferreiro (ACCIONA)
10:10-10:25	<i>Q&A - Feedback collection</i>	

AGENDA

Maritime session

10:25-10:40	Overview of the additive manufacturing	Rafael Ruiz Maestre (ACCIONA)
10:40-10:55	Additive manufacturing methods	Zaid Marmash (COBOD)
10:55-11:05	EU-OSHA intervention	Bogdan Deleanu (EU-OSHA)
11:05-11:20	Material development and testing	Qing Zhang (Holcim)
11:20-11:35	Pilot sites overview: 3D printed maritime caisson prototypes	Jose Carlos Jimenez Fernandez (Tecnalia) Qing Zhang (Holcim)
11:35-11:45	Pilot sites overview: Maritime construction & EU – Japan collaboration	Ken Gavin (Ingeo Consulting)
11:45-12:00	<i>Q&A - Feedback collection</i>	