

PROGRAMME
AND
REGISTRATION
INFORMATION

CEDA IBERIAN CONFERENCE

Dredging for sustainable port development

Portuguese Engineers Association (OE), Lisbon, Portugal

27-28 October 2016

Organised by:



Co-organised by:



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#IberianDredging

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CEDA IBERIAN CONFERENCE

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Portuguese Engineers Association (OE), Lisbon, Portugal • 27-28 October 2016



THE CONFERENCE

The CEDA Iberian Conference will address key topics relevant to the success of port dredging and sediment management projects with a focus on the Iberian Peninsula. It offers a platform to discuss best practice for environmental engineering and management across the globe, in the context of real-world Iberian projects.

With high-profile speakers from nine different countries, the conference truly reflects current thinking on the implementation and realisation of sustainability ambitions in the field of port development.

WHO SHOULD ATTEND

This will be a valuable platform for professionals from Portugal, Spain and those from other countries wishing to exchange knowledge and share ideas. It will pay particular attention to a variety of nature-based solutions, and will appeal to a broad range of practitioners and scientists from organisations including:

- port and coastal authorities
- environmental organisations, government agencies and conservation bodies
- dredging and marine contractors
- consultants
- knowledge transfer institutions
- academia



VENUE AND DATES

CEDA Iberian Conference
27-28 October 2016

Portuguese Engineers Association / Ordem dos Engenheiros (OE)
Av. António Augusto de Aguiar 3D
1069-030 Lisbon, Portugal
T: +351 21 313 26 68
www.ordemengenheiros.pt



LANGUAGE

English will be the official language of the conference.

YOUNG CEDA PITCH TALKS

Young CEDA will be hosting a pitch talks session with three dynamic short, sharp presentations. Speakers in this session do not have to adhere to the overall theme of the conference. The pitch talks aim to provide a platform for students and young professionals to present their ongoing work, and expose their ideas, to a broad expert audience and get immediate feedback and inspiration.



CONFERENCE DINNER

Thursday 27 October, 20.00

Conference delegates will be welcomed to the conference dinner, at the Portuguese Engineers Association (OE), with pre-dinner drinks. The dinner will be a perfect opportunity for delegates to network with fellow professionals with excellent food and good conversation stimulated by the first full day of the event.

TECHNICAL VISIT AND PHOTO CONTEST

Thursday 27 October, 14.45 – 18.00

The technical visit, hosted by the Portuguese Environment Agency, will provide special access to a project in Costa da Caparica, south of the Tagus estuary ebb delta. It is one of the places in the large and complex estuary, where the Port of Lisbon Authority has worked closely with the Agency. Working together they have devised a dredging plan that uses dredged sediments from maintenance dredging to successfully mitigate erosion problems on the beaches of Costa da Caparica.

For the first time, linked to the technical visit, there will be an opportunity for those of an artistic persuasion to show off their creative talents in a photography competition. To promote lively interaction on issues related to sustainable port development, attendees will be challenged to take pictures of sights and scenes that relate to the theme of the conference. A judging panel, of Young CEDA members, will identify the best pictures of this Sustainable Ports Photography Contest and the stories behind them.

The coach will depart from OE at 14.45 and will return to the building at approximately 18.00. Please check the conference website for up-to-date information.



CONFERENCE PROGRAMME

DAY 1 - THURSDAY 27 OCTOBER

Chair: Stefan Aarninkhof, Professor of Coastal Engineering, Delft University of Technology, the Netherlands

08:30 Registration and coffee

09:30 – 09:55 **SESSION 1: OPENING**

Opening address. Carlos Mineiro Aires, President of the Portuguese Association of Engineers (OE), Portugal

Welcome to Lisbon: Ministry of Sea, Portugal

Introduction to CEDA: Polite Laboyrie, President of the Central Dredging Association (CEDA), Witteveen+Bos, the Netherlands

Introduction to the conference: Stefan Aarninkhof, Conference Chair, Delft University of Technology, the Netherlands

09:55 – 11:15 **SESSION 2: CONCEPTS AND STRATEGIES FOR SUSTAINABILITY**

09:55 The Building with Nature Program: How to enable broad applications of nature-based solutions

Erik van Eekelen, EcoShape, the Netherlands

10.15 Sustainable and energy efficient dredging vessels

Erik van der Blom, Royal IHC, the Netherlands

10.35 The CO₂-balance of dredging projects: an ecosystem approach

Jasper Fiselier, Royal HaskoningDHV, the Netherlands

10.55 Ecosystem services as a concept to assess integral benefits of dredging projects

Annelies Boerema, University of Antwerp, Belgium

11:15 – 11:45 Coffee

11:45 – 12:45 **SESSION 3: DEVELOPMENT OF PORTS AND COASTS**

11:45 Nature conservation and industry in harmony: case studies from the UK

Steve Gilbert, The Royal Society for the Protection of Birds (RSPB), UK

12:05 Sustainable dredging in Spanish ports: lessons learned

Koen Sweets, Dravosa, Spain

12:25 Dredging in Portuguese ports: a changing paradigm

Luís Portela, National Laboratory for Civil Engineering (LNEC), Portugal

12:45 **CEDA ANNUAL GENERAL MEETING**

13:15 – 14:05 Lunch

14:05 – 14:25 **Introduction to the technical visit**

Celso Aleixo Pinto, Portuguese Environment Agency, Portugal

14:25 – 14:30 **Introduction to the Sustainable Ports Photography Contest**

Arjan de Heer, Chairman Young CEDA, Witteveen+Bos, the Netherlands

14:30 – 18:00 **Technical visit to Costa da Caparica**

14:30 Boarding the buses

14:45 Buses depart for technical visit

18:00 Return to OE

19:00 – 20:00 Pre-dinner drinks

20:00 – 22:00 Conference dinner, Restaurant OE

CONFERENCE PROGRAMME

DAY 2 - FRIDAY 28 OCTOBER

Chair: Stefan Aarninkhof, Professor of Coastal Engineering, Delft University of Technology, the Netherlands

09:00 – 10:20 **SESSION 4: SEDIMENT MANAGEMENT**

- 09:00 Strategies for sustainable sediment management: the case of Port of Antwerp
Agnes Heylen, Port of Antwerp, Belgium
- 09:20 Coastal erosion and sediment management in Portugal
Celso Aleixo Pinto, Portuguese Environment Agency, Portugal
- 09:40 Innovative solutions for managing contaminated sediments
Rebecca Gardner, Anchor QEA, USA
- 10:00 Beneficial use of dredged material under existing European and international legislation
Helmut Meyer, Federal Waterways and Shipping Agency, Germany

10:20 – 10:35 **Sustainable ports photography contest pitches**

10:35 – 11:05 Coffee

11:05 – 12:25 **SESSION 5: ENVIRONMENTAL MANAGEMENT AND MONITORING**

- 11:05 Adaptive management for dredging
Gerard van Raalte, Dredging Engineering Consultant (retired from Boskalis Hydronomic), the Netherlands
- 11:25 Port expansion to meet economic, environmental and social objectives (capping)
Olga Sanchez, Port of Aviles, Spain and Rafael Grimaldo Céspedes, Rohde Nielsen, Denmark
- 11:45 Habitat creation as compensation for the environmental impacts of dredging associated with port development
David Alexander, Marine Ecological Surveys Limited, UK
- 12:05 Innovations in environmental management of large marine infrastructure/dredging projects
Mark Bollen, IMDC, Belgium

12:25 – 12:55 **Young CEDA Pitch Talks**

CHAIR: Arjan de Heer, Chairman Young CEDA, Witteveen+Bos, the Netherlands

- 12:25 Sustainable nourishment of a dark sand beach
João Godinho, (at the time of the project with Dravosa), Spain
- 12:35 Data, the new oil
Peter de Looze, HAL Maritiem, the Netherlands
- 12:45 Strategies for reducing the impacts on port development: the Portsmouth Design and Construct case
João Fernandes, Boskalis, the Netherlands

12:55 – 13:45 Lunch

13:45 – 14:30 **SESSION 6: CLOSING**

- 13:45 Reflections on conference outcomes: Audience discussion lead by the Conference Chair
- 14:15 Awards for the best pictures of the Sustainable Ports Photography Contest
- 14:25 Closing remarks: Stefan Aarninkhof, Conference Chair, Delft University of Technology

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REGISTRATION

Fees

The registration fee for the conference is **€98**. This includes attendance at the conference, documentation, lunches, coffee breaks as announced, conference dinner and technical visit.

Booking Information

Please register online at www.cedaconferences.org/lisbon2016

HOTEL ACCOMMODATION

Delegates and guests to the CEDA Iberian Conference are responsible for their own hotel bookings, however, CEDA has reserved blocks of rooms at special conference rates in two hotels near the venue. For details and to make reservations please go to the conference website. Important: Reservations should be made in good time, as there will be many visitors in Lisbon in the month of October!

SPONSORSHIP

Sponsorship of this conference offers organisations an invaluable opportunity to raise their profile amongst professionals, and other key stakeholders, in dredging, port construction and maintenance, in the Iberian Peninsula and beyond. Sponsorship opportunities still exist. To find out about these please visit the conference website, or contact the Conference Secretariat, or any member of the Technical Papers and Programme Committee.

TECHNICAL PAPERS AND PROGRAMME COMMITTEE

Stefan Aarninkhof (Chair), Delft University of Technology, the Netherlands

Anna Csiti, CEDA, the Netherlands

Polite Laboyrie, CEDA/ Witteveen+Bos, the Netherlands

Carlos Mineiro Aires, Portuguese Engineers Association, Portugal

Teresa Sa Pereira, Port of Lisbon, Portugal

Alberto del Pino, Dravosa, Spain

Rita Ramos, Port of Lisbon, Portugal

ORGANISING BODIES

Central Dredging Association (CEDA) is an internationally recognised, and independent professional association. It provides an accessible platform for the exchange of knowledge and an authoritative reference point for impartial technical information. CEDA actively strives to contribute towards sustainable development by strongly recommending working with nature. CEDA members are corporations, professionals and stakeholders, involved in a diversity of activities related to dredging and marine construction. CEDA represents the common interest of all fields related to dredging and marine construction and does not promote the interest of any particular industry sector or organisation.

For more information visit: www.dredging.org.

The **Ordem dos Engenheiros (OE)**, Portuguese Engineers Association) is a public professional association that dates back to the 19th century, being the heiress of the Portuguese Association of Civil Engineers, founded in 1868.

Its main mission is to contribute to the progress of engineering, stimulating the efforts of its members in scientific, professional and social areas, as well as complying with the rules of professional ethical behaviour.

The OE is the only Portuguese institution that can assign the professional title of Engineer, granting titles and levels of professional qualification.

Throughout its history, this professional association has been a permanent ally of quality, through the defence of demanding higher education based on accuracy, as well as competent professional practices and respectful of ethics.

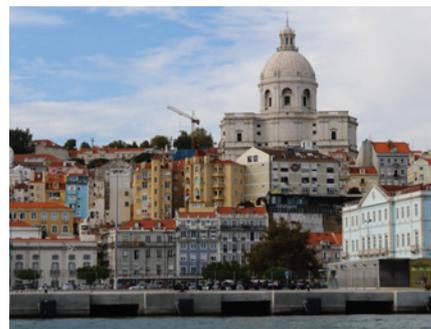
For more information visit www.ordemengenheiros.pt.



Central Dredging Association



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CONFERENCE SECRETARIAT

Event Logistics is the appointed Conference Secretariat for the CEDA Iberian Conference, 27-28 October 2016, and acts on behalf of the Central Dredging Association (CEDA).

Contact:

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Terms and Conditions

Cancellation

Cancellations and substitutions must be made in writing. **Cancellations made before 15 October 2016 will be charged € 30.** Cancellations made after this date will be charged the full invoice amount. Non-attendance at the event will be considered a late cancellation and the full fee will be payable.

Joining instructions

Joining instructions will be issued subject to receipt of payment. We cannot be held responsible for non-arrival of registration information. If you have not heard from us within 14 days of the workshop date, please contact Richard Hart at the Conference Secretariat.

Liability and insurance

Registration fees do not include insurance of any kind. It is strongly recommended that when registering for the workshop and booking travel arrangements, intending participants should arrange personal insurance cover for the following:

- Loss of registration and tour fees, deposits, hotel costs and air fares, through cancellation of the workshop for Force Majeure or any other reason
- Failure to utilise pre-booked arrangements due to airline delays for Force Majeure or any other reason
- Medical expenses and loss or damage to personal property

Neither CEDA, OE nor Event Logistics Ltd will accept responsibility for any personal injury, damage or loss of property, which may occur in connection with the conference. The insurance is to be purchased in the participant's own country.

Data protection

CEDA, OE and Event Logistics Ltd are committed to protecting your privacy and security. The information provided by you upon registering online will be used for correspondence, billing and accounts, for this event. The data will also be held on a database to provide you with information on services that CEDA provides in the dredging field. We do not sell data to third parties. On the online form you will have the opportunity to indicate if you do not wish to receive details of future CEDA events and other products and services.



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