



ANNUAL REPORT 2017



INTERNATIONAL ASSOCIATION OF DREDGING COMPANIES

MEMBERSHIP LIST

AFRICA

- BKI Egypt for Marine Contracting Works S.A.E., Cairo, Egypt
- Dredging International Services Nigeria Ltd, Ikoyi Lagos, Nigeria
- Jan De Nul Dredging Limited, Port Louis, Republic of Mauritius
- Nigerian Westminster Dredging and Marine Ltd., Lagos, Nigeria
- Van Oord Dredging and Marine Contractors B.V. – Angola, representation office in Luanda
- Van Oord Mozambique Ltda., Maputo, Mozambique
- Van Oord Nigeria Ltd, Victoria Island, Nigeria

ASIA

- Beijing Boskalis Dredging Technology Co. Ltd., Beijing, PR China
- Boskalis International (S) Pte. Ltd., Singapore
- Boskalis Smit India LLP, Mumbai, India
- Dredging International Asia Pacific (Pte) Ltd., Singapore
- Hyundai Engineering & Construction Co. Ltd., Seoul, Korea
- International Seaport Dredging Private Ltd., New Delhi, India
- Jan De Nul Dredging India Pvt. Ltd., India
- Jan De Nul Singapore Pte. Ltd., Singapore
- P.T. Boskalis International Indonesia, Jakarta, Indonesia
- Penta-Ocean Construction Co. Ltd., Tokyo, Japan
- PT Van Oord Indonesia, Jakarta, Indonesia
- Toa Corporation, Tokyo, Japan
- Van Oord (Malaysia) Sdn Bhd, Selangor, Malaysia
- Van Oord (Shanghai) Dredging Co. Ltd, Shanghai, PR China
- Van Oord Dredging and Marine Contractors B.V. – Azerbaijan, branch in Baku
- Van Oord Dredging and Marine Contractors B.V. – Kazakhstan, branch in Manigistau
- Van Oord Dredging and Marine Contractors B.V. – Vietnam, representation office in Hanoi
- Van Oord Dredging and Marine Contractors bv Hong Kong Branch, Hong Kong, PR China
- Van Oord Dredging and Marine Contractors bv Korea Branch, Busan, Republic of Korea
- Van Oord Dredging and Marine Contractors bv Philippines Branch, Manila, Philippines
- Van Oord Dredging and Marine Contractors bv Singapore Branch, Singapore
- Van Oord India Pte Ltd, Mumbai, India
- Van Oord Thai Ltd, Bangkok, Thailand
- Zinkcon Marine Singapore Pte. Ltd., Singapore

AUSTRALIA

- Boskalis Australia Pty, Ltd., Sydney, Australia
- Dredging International (Australia) Pty. Ltd., Brisbane, QLD, Australia
- Jan De Nul Australia Ltd., Australia
- NZ Dredging & General Works Ltd, Maunganui, New Zealand
- Van Oord Australia Pty Ltd., Brisbane, QLD, Australia
- WA Shell Sands Pty Ltd, Perth, Australia

EUROPE

- Atlantique Dragage Sarl, St. Germain en Laye, France
- Baggerbedrijf de Boer B.V. | Dutch Dredging B.V.
- Baggermaatschappij Boskalis B.V., Papendrecht, Netherlands
- Baggerwerken Decloedt & Zoon NV, Oostende, Belgium
- Ballast Ham Dredging, St. Petersburg, Russia
- Baltic Marine Contractors SIA, Riga, Latvia
- BKW Dredging & Contracting Ltd., Cyprus
- Boskalis International B.V., Papendrecht, Netherlands
- Boskalis Italia Srl., Rome, Italy
- Boskalis Nederland B.V., Rotterdam, Netherlands
- Boskalis Offshore Contracting B.V., Netherlands
- Boskalis Offshore Subsea Contracting B.V., Papendrecht, Netherlands
- Boskalis Sweden AB, Gothenburg, Sweden
- Boskalis Westminster Contracting Limited, Limassol, Cyprus
- Boskalis Westminster Ltd., Fareham, UK
- Boskalis Westminster Shipping BV, Papendrecht, Netherlands
- BW Marine (Cyprus) Ltd, Limassol, Cyprus
- DEME Building Materials NV (DBM), Zwijndrecht, Belgium
- Dravo SA, Italia, Amelia (TR), Italy
- Dravo SA, Lisbon, Portugal
- Dravo SA, Madrid, Spain
- Dredging and Contracting Rotterdam b.v., Bergen op Zoom, Netherlands
- Dredging and Maritime Management s.a., Capellen, Luxembourg
- Dredging International (Luxembourg) SA, Luxembourg, Luxembourg
- Dredging International (UK) Ltd., East Grinstead, UK
- Dredging International N.V., Zwijndrecht, Belgium
- Heinrich Hirdes G.m.b.H., Hamburg, Germany

- Irish Dredging Company Ltd., Cork, Ireland
- Jan De Nul (UK) Ltd., Ascot, UK
- Jan De Nul Group (Sofidra S.A.), Capellen, Luxembourg
- Jan De Nul n.v., Hofstade/Aalst, Belgium
- Mijlster Zand- en Grinhandel bv, Rotterdam, Netherlands
- Mordraga LLC, Saint Petersburg, Russia
- Mordraga LLC, Saint Petersburg, Russia
- Nordsee Nassbagger-und Tiefbau GmbH, Bremen, Germany
- NOVADEAL LTD., Cyprus
- Paans Van Oord B.V., Rotterdam, Netherlands
- Rock Fall Company Ltd, Aberdeen, UK
- Societa Italiana Dragaggi SpA 'SIDRA', Rome, Italy
- Société de Dragage International 'SDF' SA, Lambersart, France
- Société de Dragage Luxembourg S.A., Luxembourg
- Sodracco International S.A.S., Armentières, France
- Sodranord SARL, Le Blanc-Mesnil Cédex, France
- Terramare Eesti OU, Tallinn, Estonia
- Terramare Oy, Helsinki, Finland
- Tideway B.V., Breda, Netherlands
- TOA (LUX) S.A., Luxembourg, Luxembourg
- Van Oord (Gibraltar) Ltd, Gibraltar
- Van Oord ACZ Marine Contractors bv, Rotterdam, Netherlands
- Van Oord België BVBA, St. Niklaas, Belgium
- Van Oord Deutschland GmbH, Bremen, Germany
- Van Oord DMC Aps, Copenhagen, Denmark
- Van Oord Georgia LLC, Tbilisi, Georgia
- Van Oord Ireland Ltd, Dublin, Ireland
- Van Oord Middle East Ltd, Nicosia, Cyprus
- Van Oord Nederland bv, Rotterdam, Netherlands
- Van Oord Norway AS, in Oslo, Norway
- Van Oord nv, Rotterdam, Netherlands
- Van Oord Offshore bv, Gorinchem, Netherlands
- Van Oord UK Ltd., Small Dole, UK

MIDDLE EAST

- Boskalis Westminster (Oman) LLC, Muscat, Oman
- Boskalis Westminster Al Rushaid Co. Ltd., Al Khobar, Saudi Arabia
- Boskalis Westminster Contracting Limited, Abu Dhabi, UAE
- Boskalis Westminster Contracting Limited, Manama, Bahrain
- Gulf Cobia (Limited Liability Company), Dubai, UAE
- Jan De Nul Dredging Ltd. (Dubai Branch), Dubai, UAE
- Middle East Dredging Company (MEDCO), Doha, Qatar
- National Marine Dredging Company, Abu Dhabi, UAE
- Van Oord Bahrain WLL, Manama, Bahrain
- Van Oord Gulf FZE, Dubai, UAE

THE AMERICAS

- Boskalis Canada Dredging & Marine Services Ltd, Canada
- Boskalis do Brasil Dragagem e Serviços Marítimos Ltda, Brazil
- Boskalis International bv Sucursal Argentina, Buenos Aires, Argentina
- Boskalis International Uruguay S.A., Montevideo, Uruguay
- Boskalis Panama SA, Panama City, Panama
- Compañía Sud Americana de Dragados S.A, Buenos Aires, Argentina
- Dragabras Servicios de Dragagem Ltda, Brazil
- Dragagem SA de CV, Mexico City, Mexico
- Dredging International de Panama SA, Panama
- Dredging International Mexico SA de CV, Veracruz, Mexico
- Jan De Nul do Brasil Dragagem Ltda., Brazil
- Mexicana de Dragados S.A. de C.V., Mexico City, Mexico
- Van Oord Bahamas Ltd., Nassau, Bahamas
- Van Oord Canada Ltd., Calgary, Canada
- Van Oord Curaçao nv, Willemstad, Curaçao
- Van Oord de México, S.A. de C.V., Mexico City
- Van Oord Marine Contractors Canada Ltd., Ontario
- Van Oord Offshore (USA) LLC, in Houston, USA
- Van Oord Panama SA, in Panama City, Panama
- Van Oord Serviços de Operações Marítimas Ltda, Rio de Janeiro, Brazil

TABLE OF CONTENTS

4 FOREWORD

5 REPORT OF THE BOARD

5 What is IADC?

7 What IADC does: Educating

8 What IADC does: Informing

11 What IADC does: Promoting

12 What IADC does: Networking

13 What IADC does: Connecting

15 Future activities

FOREWORD



The year 2017 proved to be engaging and fruitful for IADC. The IADC's team initiated and developed several projects during this period which were met with great success and brought benefits to its members.

An important project developed by the IADC is entitled the Knowledge Centre, a tool added to IADC's website to optimise the presentation of its extensive, informative content. Alas, the project was not finalised in 2017, but will be completed and launched in early 2018.

One of IADC's major roles is to disseminate information regarding the importance and benefits of dredging to the world. When dredging projects are undertaken, there are often impacts to the environment. In 2007, IADC and CEDA published the book *Environmental Aspects of Dredging*. In ten years' time, much has changed and both parties decided to release an update of the book. The rapid progression of insight in the sector made us realise that an entirely new book was preferred and ideal. For a few years, an editorial board has worked on the book *Dredging for Sustainable Infrastructure* and its finalisation will take place in 2018. The publication contains a new design philosophy focused on creating added value during the realisation of waterborne infrastructure projects. The book will be published on IADC and CEDA's own account in Spring 2018.

Among IADC's primary goals is improving its services and increasing the involvement of young engineers within the Association. At the AGM 2016 in Cascais, Portugal, a special Young Management session was organised to discuss the involvement of youngsters in IADC. This resulted in IADC's first Networking Event held in November 2017. Nearly 60 young employees from around the world came together in Hilvarenbeek, The Netherlands, to discuss innovation and other developments in the dredging industry while becoming acquainted with IADC and its activities. Due to the event's success, a second edition will take place in June 2018.

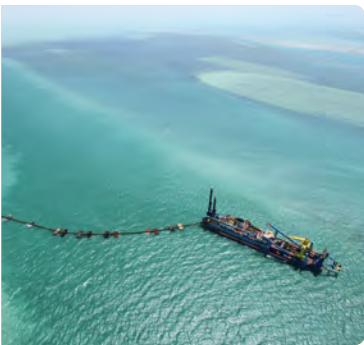
Safety is an essential topic in the dredging industry and in order to raise safety awareness, IADC annually grants its Safety Award. The Association received 13 nominations from its members as well as external companies. The nominations consisted of innovative and essential safety ideas, products and services. Jan De Nul scooped up the award at the IADC's AGM in Marseille, France for its initiative Transport of Pipeline Optimisation.

In the coming years, IADC will undertake additional projects to inform the world about the fundamental need for dredging and the benefits of the industry's innovative work. At the same time the Secretariat aims to strengthen the network of the association.

Frank Verhoeven
President

REPORT OF THE BOARD

WHAT IS IADC?



Established in 1965, the International Association of Dredging Companies (IADC) is the umbrella organisation of private dredging companies and for over 50 years, has taken the lead in:

- Educating people about dredging on all levels at primary target groups (ports and harbours, engineering consultants, young employees) and secondary target groups (authorities, NGOs, public, educational institutes);
- Informing target groups about the economic, social, technological and environmental benefits of dredging;
- Promoting a sound business climate by supporting fair contract conditions and fair competition within dredging markets;
- Promoting the industry as a career path;
- Networking with other maritime and related organisations; and
- Connecting with its members to ensure the highest Standards of Professional Conduct.

The statutory seat of IADC is located in The Hague.

The IADC comprises the foremost privately-owned international dredging contractors, which operate sizeable, modern fleets and are respected throughout the world for their expertise and professionalism. Currently, the Association has ten main members and more than 100 associate members which are branches of main members, joint ventures with local contractors or a combination of both. The Association's members execute nearly 50% of all dredging projects globally and nearly 90% of dredging works in open markets.

In this report, an overview of the state of affairs of the Association and its activities in 2017 is given. Both recurring and ongoing activities/projects were part of the Secretariat's responsibilities.

In 2017, all of IADC's activities demonstrated a clear ambition to be at the forefront of providing information related to dredging. Those with enquiries about dredging should be able to find the answers either on IADC's website, in its publications, presentations, seminars or webinars. If they are not able to find the answer, IADC staff will be able to guide them to the right information. To realise this ambition, previously defined target groups have been divided into primary and secondary target groups. IADC focuses its publications on the primary target groups consisting of employees of ports and harbours, engineering and consultancy firms, and young employees of member companies.

In addition to providing general information on dredging, publications will focus on a number of pre-selected themes: Ecosystem Services, Early Contractor Involvement, safety, dredging equipment and the societal relevance of dredging. To spread the message to as wide an audience as possible, the use of social media has been intensified and demonstrates positive results. All communication was scheduled via a social media calendar which delivered a big improvement in efficiency and efficacy of social media activities. The use of a single social media monitoring tool will help to further optimise the effect of IADC's digital communication and increase interaction with its target groups.

The Association realised a small positive result over the year 2017. Further details on the Association's financial situation can be found in the Financial Statements.

SECRETARIAT

The Secretariat is managed by Mr Kolman as Secretary General. Mrs Taal acted as Secretary to the Board and the Public Relations Committee.

BOARD

The year 2017 was the first with Mr Verhoeven – former Board member of Boskalis – at the helm of IADC. In accordance with the Bylaws, Mr Haworth was due to retire. At the Annual General Meeting in Marseille, he was re-elected.

At the end of 2017, the Board comprised eight members:

Mr Frank Verhoeven, President (2019)

Mr Akihiko Togo, Vice President (2018)
Penta-Ocean Construction Co. Ltd.

Mrs Els Verbraecken, Treasurer (2018)
DEME N.V.

Mr Neil Haworth, Member (2020)
Boskalis International (S) Pte. Ltd.

Mrs Mieke Fordeyn, Member (2018)
Jan De Nul NV

Mr Theo Baartmans, Member (2019)
Royal Boskalis Westminster nv

Mr Pierre Catteau, Member (2018)
Società Italiani Dragaggi SpA

Mr Paul Verheul, Member (2019)
Van Oord

Since the Annual General Meeting in Marseille, France, the Board met in December 2017. Further meetings are scheduled for March, July and September 2018.



REPORT OF THE BOARD

WHAT IADC DOES: EDUCATING



The Association spends a significant portion of its time and budget educating its target groups which are often not aware of the industry's many facets despite regularly engaging in dredging-related activities.

Two main channels are employed. First, the long-established IADC seminar and second, the online webinar.

The traditional five-day seminar offers insight into the basics of dredging through lectures and workshops given by experts from the member companies. In 2017, IADC organised seminars in Abu Dhabi, Delft and Singapore which were attended by a total of 83 participants. The Secretariat received a lot of support from its members – both in terms of lecturing and recruiting participants – resulting in three very successful seminars.

On a 5-point scale, the attendees rated the seminar an average of 4.39, a figure which is slightly lower than 2016's rating of 4.55. The seminars were appreciated as affirmed by the following testimonials:

"I THINK THE COURSE GIVES US VERY GOOD GUIDELINES ABOUT WHAT WE ARE DOING IN DREDGING. THANKS A LOT FOR PIETER'S, MAARTEN'S, LUK'S AND ROBERT'S TEACHING!"

"YES I WOULD LIKE TO RECOMMEND THIS SEMINAR TO MY COLLEAGUES."

To improve the quality of the seminar, the Secretariat has chosen to update and reformat the slides used in the course material. A better visual presentation as well as an intensified use of the networking opportunity with potential clients will contribute to the success of the seminar. The introduction of its first E-learning module of the seminar has for this reason been postponed.

Another way of educating which is closely related to the online courses, is live broadcasting of video webinars. They are an effective and cost-efficient tool to easily reach a geographically dispersed audience. The webinars are recorded and made available on IADC's website and YouTube channel.

The Secretariat organised three webinars in 2017. As dredging is a niche market, the number of views are inherently limited, however the Secretariat is pleased with the result. The webinars remain available for future viewers on IADC's website and will also be categorised in the new Knowledge Centre.

A second webinar on safety, scheduled for the last quarter of the year has been postponed to early 2018.

WEBINAR STATISTICS

WEBINAR	LIVE VIEWS	ON DEMAND VIEWS
Safety	71	247
Marine Insurance Act	37	135
FIDIC contract	79	256

REPORT OF THE BOARD

WHAT IADC DOES: INFORMING



KNOWLEDGE TRANSFER THROUGH SPECIALISED LITERATURE

The IADC creates and disseminates dredging information to provide an independent picture of the dredging industry and its characteristics. IADC realises this goal through content covering a wide spectrum of subjects and media, ranging from the *Terra et Aqua* article ‘1Dh modelling of transport and sedimentation inside a hopper of a trailing suction dredger’ written by the IADC Young Author Award winner Mr Jordy Boone to a YouTube video demonstrating a safer process for the handling of landlines.

The IADC strives to inform its diverse target groups regarding the multitude of ways the dredging industry and its interests can be supported and advanced. In addition, well-informed stakeholders may become valued ambassadors for the industry.

A lot of valuable information currently ‘hidden’ in PDFs will become more easily accessible. Another improvement is the presentation of all information on searchable topics will be collected on a dedicated page, no matter if it is a *Facts About* sheet, a *Terra et Aqua* article or a book review. This format will strengthen IADC’s position as the provider of expert knowledge.

PRESENTATIONS

The president gave the keynote speech at CEDA Dredging Days. Mr Verhoeven reflected on the drivers of the sector in relation to recent and future developments in the dredging industry. The speech is available on IADC’s website.

The Secretary General gave a number of presentations throughout the year, including “The updated FIDIC dredging contract” at the Dredging Forum in Moscow and at the IAPH 30th World Port Conference in Bali. At the latter he also gave a presentation on “Ecosystem Services”.

Mr Dhollander, IADC’s PR manager, gave a presentation on “The updated FIDIC dredging contract” at the Hemispheric Conference of the Inter-American Committee on Ports of the Organization of American States (OAS-CIP) in Argentina. He also gave a presentation on “Ecosystem Services” at the 5th International Congress on Dredging Technology Development in Beijing, China.



In 2016, the Secretariat started preparations to restructure its website to include a Knowledge Centre. The scheduled publication date of mid-2017 was not realised due to unforeseen circumstances. The tool will go live early 2018.

IADC BOOKS, JOURNALS AND BROCHURES PUBLISHED IN 2017

- IADC's official quarterly journal *Terra et Aqua* is dedicated to "Maritime Solutions for a Changing World" – releases issues in March, June, September and December. The issues contained more than a dozen in-depth research articles as well as book reviews on dredging literature. Article contributions included "An Improved Integrated Approach for Optimising Shipping Channel Capacity for Australian Ports", "Reefguard: a Scientific Approach to Active Reef Rehabilitation and Transport of Pipeline Optimisation" among others. Over the course of the year, the readership grew slightly to 1,245 hardcopies and 5,525 digital copies.
- The redesign of the *Terra et Aqua* magazine was presented at the AGM in Marseille and was well-received. Together with the redesign, the editorial format will be adjusted, which will increase interest for other reader groups within the selected target groups. It goes without saying that the high quality of articles will remain.

Since July, the journal has been produced by a new editor. Ms Grieco has a technical background in architecture and was previously an editor and writer for architecture and design publications.



- *Facts About* sheets on "Coastal Protection" and an updated edition of "Building with Nature" were made available digitally on the IADC website and also e-mailed to subscribers. The number of subscribers has grown by more than 700 to reach more than 2,300 contacts. In total more than 1,700 copies of *Facts About* sheets published in 2017 were downloaded. This proves the value of the product as a condensed information provider.
- *Dredging in Figures*, published annually, was e-mailed to various journalists and made available as a downloadable PDF on the IADC website. Accurate information about dredging is often difficult to find and even more difficult to have verified. That is why, since 2015, only the dredging turnover realised in the open markets has been published. The turnover in the open markets decreased by nearly 20% to €5.02 billion (a reduction due to the exclusion of the Suez Canal project).
- The latest report (*DiF 2016*, published in September 2017) was downloaded 1,000 times from the website before the end of 2017. Demonstrating their value, the *DiF* reports from 2014 and 2015 were downloaded nearly 300 times and 1,000 times respectively throughout 2017.
- *Vessel information*: IADC has, for many years, provided an abstract of vessel data to Clarkson Research, the publisher of *The Dredger Register*. In accordance with a Board decision, the data is now also freely available in an excel document on IADC's website. An update will be published annually on 1 January.
- *Environmental Aspects of Dredging*: During several editorial meetings, the publication's original authors made progress towards a revised edition. However, an entirely new version was deemed necessary as a

result of advancements in the industry and a new book has been written from an updated perspective. This process has taken more time than expected, resulting in a delay in publication. The new edition, entitled *Dredging for Sustainable Infrastructure*, is scheduled to be available in April 2018.

- *FIDIC Form of Contract for Dredging and Reclamation Works (Second edition)* – an update to the first edition released in 2006 – was released in September 2016. Following a Board decision, the second edition has been translated into Portuguese, French, Spanish, Italian, German and Russian. The Russian and German translations are already available on FIDIC’s website.
- *Ecosystem Services*, the concept of Ecosystem Services (ES) has been recognised by IADC as relevant for the dredging industry. This concept is a fundamental part of the aforementioned upcoming book *Dredging for Sustainable Infrastructure*. A report published in 2016 was promoted. A second article derived from the report was published in the *Terra et Aqua* journal. The article elaborated on the completed expansion of Port Botany in Sydney, Australia in which it undergoes an ecosystem services assessment to identify and evaluate the environmental, financial and socio-economic impacts of its development. A free digital copy can be downloaded from IADC’s website. The full report has been downloaded over 250 times in 2017.
- *A guide to cost standards for dredging equipment 2009*, published by CIRIA, has been indexed by IADC’s Indexation Committee. At present, a revision of the cost standards is still not foreseen given the expected market developments.

REPORT OF THE BOARD

WHAT IADC DOES: PROMOTING



IADC SOCIAL MEDIA

An intensified use of its various social media channels has resulted in an increase of over 36,000 unique visitors to the website. By the end of 2017, some 142,000 visits had been logged. To realise this increase, the Secretariat worked with a social media calendar. Throughout the year, all of IADC activities were scheduled and received attention at the right moments. In addition, the Secretariat shared photos from past projects, works or events on all social media channels for “Throwback Thursday”.

The analysis of the number of visitors, downloads and duration of visits on IADC’s website is still being done through Google Analytics. This gives a more profound understanding of the relevance of specific information on the website. The use of Google Adwords (a tool for online advertising) had a substantial effect on the impact of the social media activities.

Over the course of 2017, all social media channels improved IADC’s exposure and the number of followers grew:

- Facebook increased from 3,167 to 4,155
- LinkedIn increased from 2,006 to over 4,700 (over 230% growth)
- Twitter increased from 1,020 to 1,634
- YouTube views increased by nearly 2,000
- The new Instagram account’s followers reached 1,100

The impact of social media activities depends very much on a structured approach related to the choice of target groups and the focus on pre-selected themes towards these groups as mentioned on page 4, “What is IADC”. Positive results of this focus – like an increased number of responses and followers – are ongoing.

The use of a single social media monitoring tool not only gives a profound understanding of the impact of IADC’s activities but also streamlines the ability to interact with all interested users in a timely and efficient way.

SAFETY AWARD

In line with IADC’s aim to increase the awareness of the importance of safety, the new IADC Safety Award was presented for a second time. Nominations are now not only limited to IADC members but are open to all other companies and parties active in the industry. Of the thirteen nominations received, three were submitted by non-members. The IADC Safety Committee was very pleased with the quality of the nominations. The nomination “Transport of Pipelines Optimisation” from Jan De Nul won the 2017 award which was presented at IADC’s Annual General Meeting in Marseille, France.

At the DPC Innovation Awards held on 29 November 2017, the Safety Award winner stood once again in the spotlight. A video provided by the winner showed what a big impact rather simple measures can have. The winning safety feature can be seen on IADC’s website and on its YouTube channel (IADC Dredging).

To emphasise the importance of safety in general and the award specifically, *Terra et Aqua* published an article introducing all the nominations and another presenting the award winner in more depth.

IADC ARTICLES AND ADVERTS IN EXTERNAL PUBLICATIONS

Several articles were published in dredging-related magazines, websites and newsletters distributed by third parties such as *DredgingToday.com* and *Port Technology International*.

IADC YOUNG AUTHOR AWARD

In 2017, the award was presented to Mr Jordy Boone, engineer at Van Oord, for his paper and presentation of “1DH Modelling of Transport and Sedimentation inside a Hopper of a Trailing Suction Dredger” at CEDA Dredging Days in Rotterdam, the Netherlands. The prize consists of €1,000, a statue and publication of the paper in the *Terra et Aqua* journal.

REPORT OF THE BOARD

WHAT IADC DOES: NETWORKING



PARTNERSHIPS

IADC operates within a highly specialised sector. Several maritime and dredging organisations – all working on their specified interests in the maritime sector – frequently interact and IADC maintains an active relationship with a majority of these organisations. Cooperation is of mutual benefit and contributes to a better understanding of each others' interests.

CONFERENCES AND COOPERATION

For many years, IADC has been a member of PIANC and participates in several commissions. IADC is represented in the Environmental Commission (which prepares publications on environmental subjects), the Permanent Task Group on Climate Change and the Promotions Commission, the latter of which is led by the specialised PIANC communications department.

The International Association of Ports & Harbors (IAPH) is a target group for IADC's information on dredging and port development. IAPH has published a number of articles written by the IADC and in return, the IADC participates in the IAPH Environmental, Legal and Port Development Committees. IADC and IAPH will cooperate on some joint projects in 2018.

Traditionally, the IADC has had a close connection with the WODA (World Dredging Association), comprising the Central Dredging Association (CEDA), the Eastern Dredging Association (EADA) and the Western Dredging Association (WEDA). This connection has been mutually productive in organising conferences and seminars. The upcoming publication with CEDA, *Dredging for Sustainable Infrastructure*, is a clear example of this cooperation. CEDA and IADC inform each other on their activities to prevent duplication. The IADC joined both the WEDA and CEDA conference. Following IADC's presentation at the aforementioned conference in Beijing, CHIDA – as a part of EADA – invited IADC to strengthen the relation by exchanging information between both organisations.

Since the 1990s, the IADC has had a productive relationship with the Fédération Internationale Des Ingénieurs-Conseils (FIDIC) in respect to the *FIDIC Form of Contract for Dredging and Reclamation Works*. The IADC has contributed its legal expertise to the updating of this contract which was presented in Autumn 2016. The translations of the contract into French, Spanish, Italian and Portuguese took more time than expected. Only the Russian and German translations are currently available on the FIDIC website.

IADC is also an associated member of the Port Committee of the Organization of American States, Inter-American Committee on Ports (OAS-CIP). Mr Dhollander gave a presentation at their annual conference in Argentina. The Secretariat participates in the Technical Advisory Group (TAG) on environmental issues. The participants of TAG were very enthusiastic when they were informed of the expected publication of the new book *Dredging for Sustainable Infrastructure*.

The IADC also cooperates with the European Dredging Association (EuDA) and is a member of EuDA's CO₂ working group. Additionally, the IADC maintains contact with the Association of Dutch Dredging Contractors, NABU (Dutch Association of International Contractors), EuDA and CEDA. The Secretary Generals of these organisations hold regular, joint meetings.

REPORT OF THE BOARD

WHAT IADC DOES: CONNECTING



IADC AND ITS MEMBERS

One of the core goals of the IADC is connecting with its membership. The IADC depends on its members to supply knowledge at various IADC events – such as the IADC seminars – or content in *Terra et Aqua*. The support from members for IADC's activities is vital, highly appreciated and helps the Association to do its job effectively. But this works both ways. When members send delegates to IADC events or get involved in its activities, it increases their own involvement with the Association. This works as an important catalyst for more activities. Indeed the experience has been: the more involved you are, the more you want to be involved.

ANNUAL GENERAL MEETING

In 2017, the Annual General Meeting (AGM) was held successfully in Marseille, France, with a large group of delegates. During the General Meeting, Mr Holm of the Boston Consultant Group gave a speech which discussed BCG's viewpoint on the energy transition and how it offers a range of opportunities to the industry.

YOUNG MANAGEMENT PROGRAMME

The Young Management Programme was held for the eleventh time in cooperation with the London School of Economics in Abu Dhabi. A group of 27 participants from six member companies attended the programme. Due to insufficient

added value, an introductory webinar was not organised this time. The evaluation resulted in some adjustments for next year's Programme.

While in Abu Dhabi, the President and Secretary General took the opportunity to visit IADC members Gulf Cobia and National Marine Dredging Company.

NETWORKING EVENT

This event resulted from a meeting at the AGM in 2016 at which the familiarity of IADC within the member companies was discussed. To improve this awareness and inform young professionals about IADC and its activities, a networking event was organised.

Nearly sixty participants from six member companies joined the event. A live-stream was followed by participants in the Middle East and is available on IADC's YouTube channel.

Inspiring and informative presentations by Mr Verhoeven, Mr Sen, a lecturer of the Young Management Programme, and Mr De Gheldere of Futureproofed, were followed by group discussions. The plenary wrap-up and presentation of the results gave food for thought. The Secretariat will discuss how to continue with a delegation of the participants.



MEMBER PARTICIPATION IN COMMITTEES IN 2017

In many instances, the IADC depends on the input of its members. In this regard, several committees have been established. These committees are comprised of the following members:

TEAM OF LECTURERS DREDGING SEMINAR

Mr Maarten Dewint
Mr Robert Dijkema
Mr Marcel van den Heuvel
Mr Pieter den Ridder
Mr Paul Verduyn
Mr Luk Verstraelen

TEAM OF LECTURERS ENVIRONMENTAL SEMINAR

Mr Erik Van Eekelen
Mr Frederik Goethals
Mr Mark Van Koningsveld
Mr Marcel Van Parys

PUBLIC RELATIONS COMMITTEE

Mr Robert de Bruin
Mrs Vicky Cosemans
Mrs Heleen Schellinck
Mr Arno Schikker

DREDGING IN FIGURES COMMITTEE

Mr Ivar Daemen
Mr Anne Jan Fokkema
Mr Steven Poppe
Mr Arn Willems

LEGAL COMMITTEE

Mr Jan Haak
Mr Peter van der Linde
Mr Tom Lenaerts
Mrs Kathleen Levrau
Mr Tim Maddock

REGISTERED PLANT COMMITTEE

Mr Jaap Bakker
Mr Antoon Beyst
Mr Kenneth Bovyn
Mr Marino Genetello
Mr Gert-Jan Griep
Mr Arie Kamsteeg
Mr Sjon Kranendonk

INDEXATION COST STANDARDS COMMITTEE

Mr Antoon Beyst
Mr Marc De Boom
Mr Ed Van Haaren
Mr Arie Kamsteeg
Mr Wim Labrie
Mr Filip Vivile

SAFETY COMMITTEE

Mr Karel Huybrechts
Mr Christoph Leroy
Mr Ton van de Minkelis
Mrs Joke Vavier

IADC STAFF MEMBERS

Mrs Mirjam van der Boon
Mr Jurgen Dhollander
Ms Lauren Grieco
Mr René Kolman
Mrs Simone Pat
Mr Renato Rauwerda
Mrs Melanie Taal
Mrs Jeanet Vonk

REPORT OF THE BOARD

FUTURE ACTIVITIES



In 2018, the Association will continue to inform the outside world on what dredging is all about. The communication of presently available and new publications will be further improved and enhanced. The use of social media will continue to be an important instrument to realise the Association's goals. All social media activities have been scheduled in a content calendar.

The long expected launch of the book *Dredging for Sustainable Infrastructure* will take place in April 2018. Later in the year, an international conference organised by CEDA and IADC will be held in Amsterdam to promote the use of the book.

The networking event will be organised for a second time. If approved, changes will be made based on the experiences and evaluations of former participants.

The March 2018 edition of *Terra et Aqua* will be published for the first time in its new design and format.

The Safety Award will be granted for the third time at the AGM in Budapest, Hungary. Nominations are already being accepted from IADC members as well as external parties. The Safety Committee will review all nominations and propose a winner to the Board for their final decision.

In the course of 2018, the Secretariat will relocate to another office in the neighbourhood of The Hague.

The PR Committee advises the Board on IADC's activities. Annually, the Board makes a final decision on IADC's activities. The Association aims for a stable and balanced budget and staff; its activities do not require long-term investments. An explanation on the Association's 2018 Budget can be found in the attachment "Budget 2018".

The Hague, 17 April 2018
The Board of IADC

