



ANNUAL REPORT 2020



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

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

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

EUROPE

Atlantique Dragage Sarl, St. Germain en Laye, France
Baggerbedrijf de Boer B.V. | Dutch Dredging B.V., Netherlands
Baggermaatschappij Boskalis B.V., Papendrecht, Netherlands
Baggerwerken Decloedt & Zoon NV, Oostende, Belgium
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
BW Marine B.V., Papendrecht, The Netherlands
DC Industrial NV-SA / Group De Cloedt, Brussel, Belgium
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 N.V., Zwijndrecht, Belgium
Dredging International Nederland BV, Breda, Netherlands
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
Mijnster Zand- en Grinhandel bv, Rotterdam, Netherlands
Mordraga LLC, Saint Petersburg, Russia
Mordraga LLC, Saint Petersburg, Russia
NewWaves Solutions Ltd., London, UK
Nordsee Nassbagger-und Tiefbau GmbH, Bremen, Germany
Novadeal Ltd., Cyprus
Paans Van Oord B.V., Rotterdam, Netherlands
Rock Fall Company Ltd, Aberdeen, UK
Rohde Nielsen A/S, Copenhagen, Denmark
Societa Italiana Dragaggi SpA 'SIDRA', Rome, Italy
Société de Dragage International 'SDI' SA, Lambersart, France
Société de Dragage Luxembourg S.A., Luxembourg
Sodraco International S.A.S., Armentières, France
Sodranord SARL, Le Blanc-Mesnil Cédex, France
Terramare Oy, Helsinki, Finland
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 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 Russia Dredging and Marine Contractors, St. Petersburg, Russia
Van Oord UK Ltd., Small Dole, UK
Van Oord Wasserbau GmbH, Hamburg, Germany

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 Cobla (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 Marine Contracting and Offshore Services S.A. de C.V., Veracruz, Mexico
Boskalis Panama SA, Panama City, Panama
Compañía Sud Americana de Dragados S.A, Buenos Aires, Argentina
Dragabras Servicios de Dragagem Ltda, Brazil
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

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FOREWORD



Like so many sectors, the dredging industry faced a difficult 2020 in the face of the COVID-19 pandemic. During unprecedented times, dredging companies had to deal with challenging crew changes as well as new projects being postponed or delayed coming to the market.

Despite the COVID-19 pandemic, 2020 proved to be an engaging and fruitful year for IADC. While staff had to work from home, they all managed quite well with the new situation. The Board and Committees held digital meetings and were well served by the Secretariat. The *Terra et Aqua* journal as well as the 'Facts About' and 'Dredging in Figures' publications were all published in digital format. Meetings were easier to organise than usual as they took less time, there was no travel time and the social talk did not last long behind a computer screen.

Throughout the year, IADC focused on the theme sustainability. It resulted in several activities and the establishment of the Sustainability Committee. This committee prepared the programme of the Annual General Meeting (AGM) in September. The regular 3-day event was cancelled and replaced by an online event held over two morning sessions. The programme was developed by the Sustainability Committee with support of a delegation of the participants of the Young Management Programme (YMP). The networking component of the traditional AGM could not be fulfilled, nevertheless the AGM was considered valuable with a substantial contribution to future activities of IADC.

The Young Management Programme was the only live event of 2020, which took place just prior to the pandemic. Young Employees of nine member companies had a 3-day interactive programme and proposed relevant themes to be dealt with by IADC to the Board. The networking event was initially postponed but subsequently cancelled.

Unfortunately, live dredging seminars also had to be cancelled. The first course, Dredging for Sustainable Infrastructure, was held digitally. The lecturers did a great job and participants were extremely enthusiastic about this first online experience. The original content of a 2-day live course was transformed into four separate sessions with a plenary digital lecture, small group workshops and plenary feedback over four mornings.

As a spin-off of the book *Dredging for Sustainable Infrastructure*, a live workshop was organised in early 2020 with representatives of the financial sector. It became clear that the financial sector is unaware that there are many sustainable marine infrastructure projects that can be financed with green funds.

All conferences were cancelled in 2020 and therefore no IADC Young Author Award was granted. For the same reason, there was no IADC Safety Award granted. Members and supply chain partners were focussed on coping with the COVID-19 crisis, keeping their staff healthy and organising safe crew changes.

In the coming years, IADC will undertake additional projects to inform the world about the importance of sustainability and what the dredging industry can contribute to a more sustainable world. 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 in primary target groups (ports and harbours, engineering consultants and young employees) and secondary target groups (authorities, NGOs, educational institutes and the public);
- 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 related, maritime organisations; and
- Connecting with its members to ensure the highest Standards of Professional Conduct.

The statutory seat of IADC is located in The Hague.

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. At the end of 2020, the Association has 12 main members and more than 100 associate members, which are either branches of main members, joint ventures with local contractors or a combination of both. Adani Ports resigned its membership per end of 2020. IADC'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 2020 is given. 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 necessary information on IADC's website as well as in its publications, presentations, seminars and 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, the Association's defined audience has 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 focus on a number of pre-selected themes: sustainability, 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. The social media calendar delivered a great improvement in efficiency and efficacy of social media activities.

The Association realised a small negative result over the year 2020.



SECRETARIAT

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

BOARD

In 2020, Mr Verhoeven – former Board member of Boskalis – was at the helm of IADC.

In accordance with the Bylaws,

- Mr N. Haworth, Member had to retire. At the Annual General Meeting Mr Haworth was re-elected.

At the end of 2020, the Board comprised eight members:

- Mr F. Verhoeven, President (2022)
- Mr J. Katsumura, Vice President (2021)
Penta-Ocean Construction Co. Ltd.
- Ms E. Verbraecken, Treasurer (2021)
DEME N.V.
- Mr N. Haworth, Member (2023)
Boskalis International (S) Pte. Ltd.
- Ms M. Fordeyn, Member (2021)
Jan De Nul NV
- Mr T. Baartmans, Member (2022)
Royal Boskalis Westminster nv
- Mr P. Hermans, Member (2022)
DEME N.V.
- Mr N. de Bruijn, Member (2022)
Van Oord Dredging and Marine Contractors

Since the Annual General Meeting, the Board met in December 2020. Further meetings are scheduled for April, July and September 2021.



HOW DID IADC EDUCATE?



Education is one of the recurring activities of IADC. It is important to educate target groups that are often not aware of the industry's many facets despite regularly engaging in dredging-related activities. IADC's 5-day Dredging and Reclamation Seminar offers insight into the basics of dredging through lectures and workshops given by experts from the member companies. The seminar branding was reformatted during 2019, and the lecturers updated all video content shown during the seminar. The improved visual presentation has contributed to the continued high quality of the seminar. Unfortunately, due to the COVID-19 pandemic, no live seminars were held in 2020.

A new video to promote the Dredging and Reclamation Seminar has been developed and can be found on IADC's website <http://bit.ly/seminar-video>.

IADC and CEDA developed a 2-day course based on the book *Dredging for Sustainable Infrastructure*. The first introductory course was

scheduled to be held in June 2020, in The Netherlands. When it became clear that no live events could be held in 2020, a digital version of this course was developed with support of the lecturers. The two full days were split into four half days to provide better learning conditions for participants. The format was tested with the support of employees of the member companies and proved to be successful. The first course was held in December 2020 with 21 participants and three lecturers. Each day consisted of two plenary sessions and a working group session that was moderated by a lecturer. Participants were enthusiastic about the format and the content. The format will need to be changed slightly to facilitate larger groups of participants, which is foreseen in 2021.

The success inspired the Secretariat, seminar lecturers and area directors of member companies to explore the possibility of developing short digital activities that support the live course. The first webinar will be held in the first half of 2021.



HOW DID IADC ENGAGE THE OUTSIDE WORLD?



KNOWLEDGE TRANSFER THROUGH SPECIALISED LITERATURE

IADC creates and disseminates dredging information to provide an independent picture of the dredging industry and its characteristics.

IADC realises this goal by disseminating content covering a wide spectrum of subjects and media ranging from the *Terra et Aqua* interview with special envoy on water Henk Ovink to the YouTube videos presented at the virtual general assembly <https://www.youtube.com/c/IADCdredging/videos>.

The Association 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.

IADC's website, Knowledge Centre and the *Terra et Aqua* archive provides an abundance of information related to dredging equipment, elaborations on sustainability issues and interesting articles on realised projects. It is a renowned source of high-quality information, frequently used by all kind of stakeholders.

EXTERNAL PUBLICATIONS

A few articles were published in dredging-related magazines, websites and newsletters distributed by third parties such as *DredgingToday.com*, *Dredging & Port Construction*, *Greenports* and the Dutch magazine *Land & Water*. All articles advocated the Dredging for Sustainable Infrastructure philosophy. The corporate video of IADC has been updated and was published at the Annual General Meeting.

In addition to a testimonial of the course leader of the dredging seminar, a video was produced to inform the public on the relevance of the sustainability in future marine infrastructure projects.

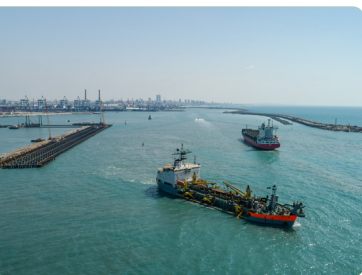
PRESENTATIONS

As most of the conferences were cancelled in 2020, only a few presentations took place. The focus was again on spreading awareness of the *Dredging for Sustainable Infrastructure* (DfSI) book and its philosophy: the creation of added value for marine infrastructure works will result in more sustainable projects.

An employee of one of the members gave a presentation on the DfSI book at a PIANC Argentina conference. A second presentation was made at the digital Paving the Waves conference in Rotterdam. The video of this presentation is available on IADC's website <https://bit.ly/3cHfm7Z>.

The screenshot shows a webpage with the IADC logo at the top left. The main heading is "MONITORING OF SETTLING AND CONSOLIDATION OF MUD AFTER WATER INJECTION DREDGING IN THE CALANDKANAAL". Below the heading is a sub-heading: "As regular maintenance and relocation of sediment deposits are highly expensive, Port authorities seek more efficient solutions for reducing the costs and CO2 emissions of maintenance dredging. One solution, water injection dredging (WID), is turned out for maintaining the sediment deposits which predominantly consist of clay and silt. WID has been proven to be a cheaper solution by leaving the sediment in place, eliminating substantial costs for relocation of the dredged sediment." There is a small photo of a person next to the text. Below the text is a section titled "Introduction" with a small photo of a person. At the bottom of the page, there is a bar chart showing data from 2010 to 2020. The chart has a title "In order to keep ports and waterways of Port of Rotterdam accessible, more than 13 million m3 of deposited sediment were dredged in 2017". The x-axis is labeled "Year" and the y-axis is labeled "Dredged sediment volume in the Port of Rotterdam in 1000 m3 (2000) (adapted from Groeneweg et al., 2016)". The bar chart shows a significant peak in 2017.

HOW DOES IADC EXCITE ITS MEMBERS AND THE OUTSIDE WORLD?



IADC AND ITS MEMBERS

One of the core goals of IADC is connecting with its membership. The Association depends on its members to supply knowledge at various IADC events – such as the Dredging and Reclamation Seminar – or content in the *Terra et Aqua* journal. 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.

YOUNG MANAGEMENT PROGRAMME

The Young Management Programme took place for the 13th time in Dubai. The programme was redesigned with the support of Mindmeeting, an organisation specialised in creating interactive programmes. Several speakers elaborated from different perspectives on the topic of sustainability. Each session ended with an interactive activity, which was much appreciated by the 27 participants from nine member companies. The result of this 3-day workshop was a list of topics to be

addressed by IADC and which were presented to the Board. These topics will also be used by the Sustainability Committee to develop its framework of actions.

ANNUAL GENERAL MEETING

In 2020, the Annual General Meeting (AGM) was originally planned to be held in Krakow, Poland. At an early stage however, it became clear that a live gathering of senior management of member companies would not be possible. With the support of delegates of the Young Management Programme, the recently established Sustainability Committee developed an interactive programme. In two morning sessions, several elements of sustainability were discussed and input was provided to develop IADC's sustainability framework. Introductions to the topics to be discussed were presented in short videos made by the YMP delegates. Videos containing expert opinions on the main themes of sustainability were also shown. The framework, approved at the last Board meeting of 2020, guides future activities of IADC.

NETWORKING EVENT

The networking event was cancelled due to the COVID-19 pandemic.

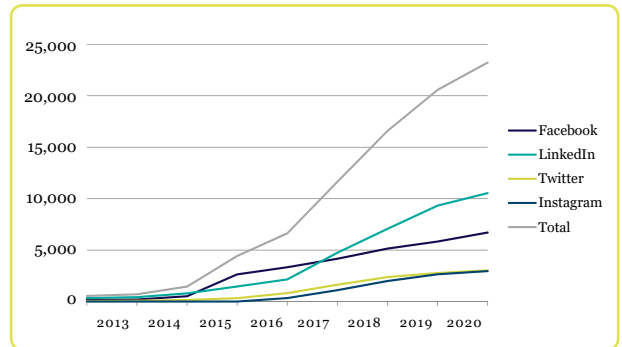


IADC SOCIAL MEDIA

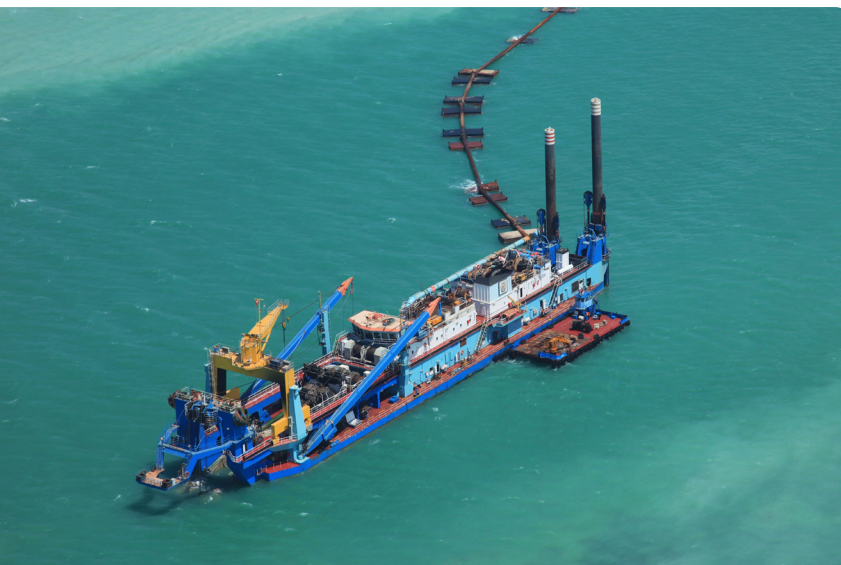
By using social media, IADC wants to engage and excite internal and external audiences. The number of unique visitors to IADC’s website decreased slightly in 2020 (84,900 visitors) versus 2019 (89,500 visitors). There are several reasons for this slight decline, one of which is the delayed publication of the *Terra et Aqua #161* that was published online in January 2021 instead of December 2020. IADC started a pilot scheme with its Dredging Influencer Community programme that facilitates easy forwarding of social media posts by ‘ambassadors’. A selected group of employees of member companies were asked to become an ambassador and promote IADC activities. In 2021, the pilot scheme will enter its second stage.

The analysis of the number of visitors, downloads and duration of visits on IADC’s website is mainly done through Google analytics. This gives a profound understanding of the relevance of specific information on the website. The use of LinkedIn had a substantial effect on the impact of IADC’s social media activities.

Over the course of 2020 all social media channels improved IADC’s exposure and the number of followers grew as shown in the graph and table below (data per end of the year).



	Facebook	LinkedIn	Twitter	Instagram	Total
2012	160	330	57	0	547
2013	196	424	80	0	700
2014	513	790	150	0	1,453
2015	2,638	1,462	329	0	4,429
2016	3,331	2,144	813	338	6,626
2017	4,155	4,740	1,634	1,098	11,627
2018	5,148	7,066	2,374	1,992	16,580
2019	5,834	9,322	2,765	2,645	20,566
2020	6,703	10,537	3,033	2,953	23,226



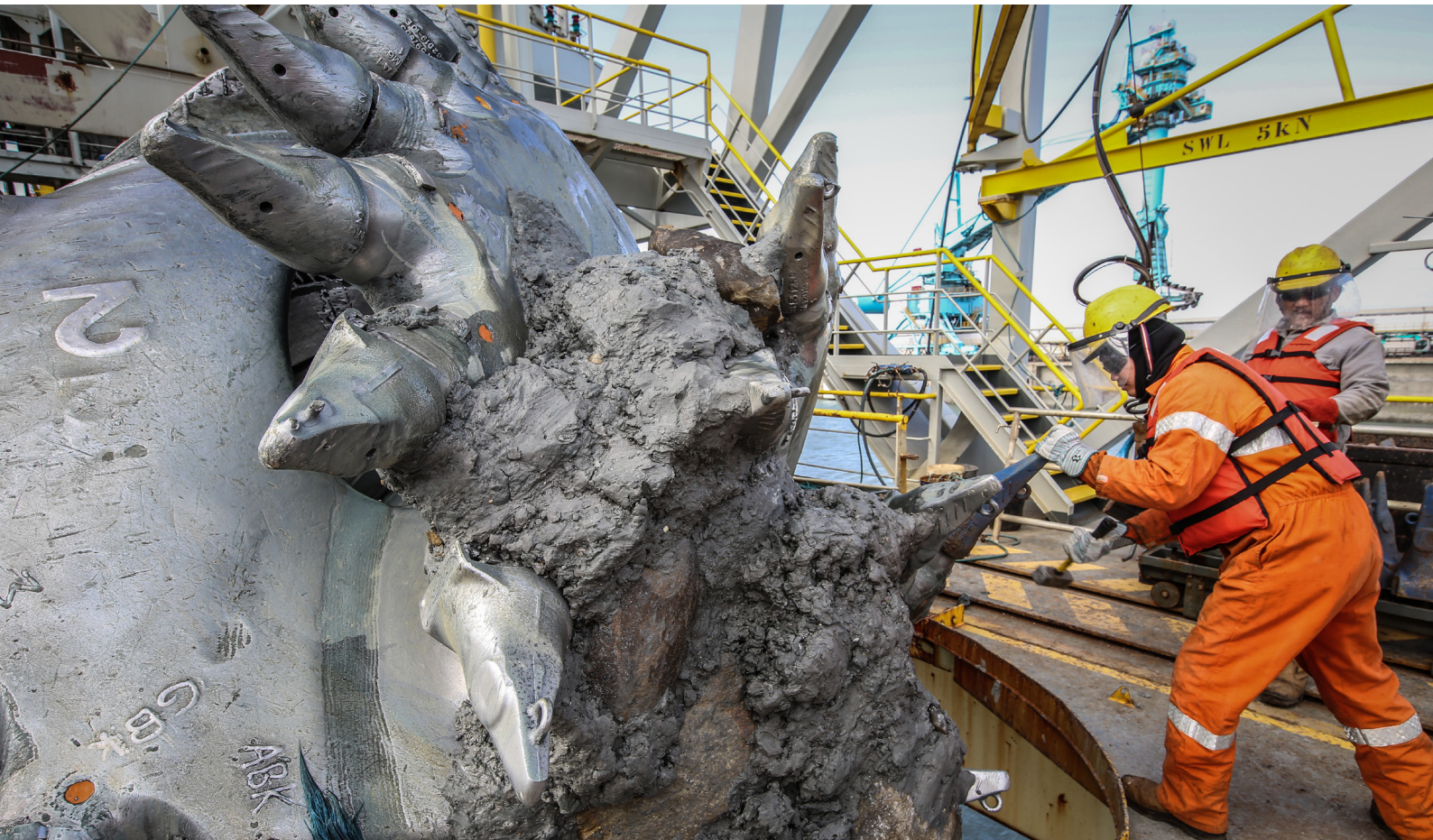
IADC SAFETY AWARD

The request for nominations had just been sent out when the Board decided to cancel the award. At that time, one nomination had already been received. COVID-19 had such an impact on the member companies in general and the SHEQ departments in particular, that committee members had little time to run the award process and assess nominations in a thorough way. Crew changes and the working conditions of the offices took all their attention and priority. The current situation is still not as we are used too, but the committee will grant two safety awards in 2021. For the first time, IADC will grant an award for member companies as well as one for the supply chain partners.

To emphasize the importance of safety in general and the awards specifically, *Terra et Aqua* will publish an article introducing all the nominations and another presenting the award winners in more depth.

IADC YOUNG AUTHOR AWARD

As all relevant conferences were cancelled, no Young Author Awards were granted in 2020.



IADC BOOKS, JOURNALS AND BROCHURES PUBLISHED IN 2020

- In total, 120 copies (7 of which were digital downloads) of the book *Dredging for Sustainable Infrastructure* were sold in 2020. The book is used in university curriculums including the Coastal Engineering department at Delft University of Technology, The Netherlands and University of Leuven, Belgium.
- IADC's official quarterly journal *Terra et Aqua* presents 'Maritime Solutions for a Changing World' and is published both in print and online. Due to COVID-19, only the March issue was printed as many copies were unable to be delivered due to the pandemic, and it was decided to only publish online for the remaining issues of 2020. In 2021, we returned with a printed edition. Due to change of the editor, the December issue was published in January 2021. The number of hardcopy readers has decreased from 1495 to 1429. The number of readers of the digital edition has decreased from 5711 in 2019 to 5301 in 2020. This is due to a continued clean-up of the readers database.
- Several 'Facts About' sheets were updated to the new format. In 2020, the 'Facts About: Dredging Plant and Equipment' was published. Also a joint IADC-CEDA factsheet on 'Environmental Monitoring' was published.
- *Dredging in Figures*, published annually, was emailed 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. The turnover in the open markets increased from €5.1 billion in 2018 to €5.2 billion in 2019.

The latest report (*Dredging in Figures 2019* published in October 2020) was downloaded 492 times from the website before the end of 2020. Demonstrating their value, the DiF reports for 2018 were downloaded 616 times throughout 2020.

- Vessel information: For many years, IADC has provided an abstract of vessel data to Clarksons Research, the publisher of *The Dredger Register*. The data is also freely available in an excel document on IADC's website. An update is published annually on 1 January.
- *A guide to cost standards for dredging equipment 2009*, published by CIRIA, was not indexed by IADC's Indexation Committee. The committee decided that an update would not reflect the current situation resulting from the COVID-19 pandemic. This decision was approved by CIRIA. When the costs of the LNG and Selective Catalytic Reduction/Diesel Particle Filter have been determined the cost standards will be updated.

PARTNERSHIPS CONFERENCES AND COOPERATION

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 other's interests.

CONFERENCES AND COOPERATION

IADC has been a member of PIANC for several years 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. On behalf of IADC, the Secretary General and representatives of member companies are delegated to several working groups:

- Early contractor involvement;
- Carbon management;
- Seismic design guidelines for port structures;
- Beneficial sediment use; and
- Design and construction of breakwaters in soft seabeds.

These delegates take care of the interests of the dredging companies in the technical reports produced by PIANC.

The International Association of Ports & Harbors (IAPH) is a target group for IADC's information on dredging and port development. IAPH reorganised its organisational and committees structure and therefore IADC has to reconsider how its interest can be best dealt with in the new situation. The secretariat prefers to start dedicated activities in cooperation with IAPH. IADC represents the associated members of IAPH in the Council, an advisory committee to the Board of IAPH.

Traditionally, IADC has had a close connection with the World Dredging Association (WODA), which comprises the Central Dredging Association (CEDA), Eastern Dredging Association (EADA) and Western Dredging Association (WEDA). This connection has

been mutually productive in organising conferences and seminars. The book *Dredging for Sustainable Infrastructure* and the book's promotional activities are clear examples of this cooperation. As a spin-off of the book, IADC and CEDA organised a workshop with representatives of both organisations and the financial world in Swiss Re's offices in Zurich early 2020. This resulted in a small group working on a paper 'Financing Sustainable Marine and Freshwater Infrastructure', a joint study to explore financing of green coastal, river and port projects. The paper will be published early 2021. CEDA and IADC inform each other of their activities to prevent duplication.

Since the 1990s, 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*. Recently both FIDIC and IADC established a sustainability committee. To intensify the cooperation with FIDIC in order to improve the outreach to marine engineering consultants, a MoU was signed virtually on 28 October 2020.



Four translations (Russian, French, Spanish and German) of the dredging contract are published on the FIDIC website.

IADC is an associated member of the Port Committee of the Organization of American States, Inter-American Committee on Ports (OAS-CIP). The Secretariat participates in the Technical Advisory Group (TAG) on environmental issues.

IADC also cooperates with the European Dredging Association (EuDA) and is a member of EuDA's CO₂ working group.

TEAM OF LECTURERS: DREDGING AND RECLAMATION SEMINAR

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

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Mr Erik Van Eekelen
Mr Thomas Vijverberg

PUBLIC RELATIONS COMMITTEE

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

DREDGING IN FIGURES COMMITTEE

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Mr Jaap van Thiel de Vries
Mr Steven Poppe
Mr Maarten Dewint

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Mr Peter van der Linde
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Ms Kathleen Levrau
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Mr Gert-Jan Griep
Mr Gerrit Janssen
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Mr Marc De Boom
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Mr Arie Kamsteeg
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Mr Karel Huybrechts
Mr Christoph Leroy
Mr Ton van de Minkelis
Ms Joke van Vught

SUSTAINABILITY COMMITTEE

Mr Jan Fordeyn
Ms Isabelle Herteleer
Mr Marc Huygens
Mr Sven Kramer
Mr Jaap van Thiel de Vries
Ms Jiska Verhulst

IADC STAFF MEMBERS

Mr Glenn Davidsz
Ms Suzanne Dekker
Mr René Kolman
Ms Susan Korving
Ms Ria van Leeuwen
Ms Sarah Nunn
Mr Renato Rauwerda
Ms Melanie Taal
Ms Jeanet Vonk

FUTURE ACTIVITIES



Hopefully the COVID-19 situation, permanently working from home and only digital events will come to an end in 2021. Board and committee meetings will continue to be digital for the first half of 2021. The Secretariat will continue working remotely and when the situation has normalised a balance will be found between working from home and working together at the office.

Recurring activities such as the publication of *Terra et Aqua* and 'Facts About' will take place as usual. Printed editions of the journal have resumed in 2021. Producing a printed copy is of great value to spreading the message of IADC and informing the readers on innovations in the industry.

IADC's focus on sustainability will result in several activities. Two interns have been appointed, one of whom will compile a sustainability report for the dredging industry. The other will compare and evaluate different sustainable asset valuation methods to be used for marine infrastructure projects. A general application of these methods will contribute to the determination of the real value of such projects. Based on a report to be published in the first quarter of 2021, IADC will inform financial institutes on the contribution of sustainable marine infrastructure projects to a more sustainable world.

In 2021, the Association will continue to inform the outside world on what dredging is all about. Digital supplements to the live dredging seminar will be made in which pre-tender issues will be

presented. The live dredging seminar will be held in the second half year of 2021. The 2-day DfSI course can hopefully also be held live. The communication of presently available and new publications will be further improved and enhanced.

A digital edition of the networking event is scheduled for June 2021. The programme will focus on sustainability. The Young Management Programme is scheduled in The Netherlands for November as it is expected that a live event will be possible.

In 2021, the Safety Award will not only be granted to a dredging company but also to a supply chain partner. The Safety Committee will keep on working to recruit a large number of external nominations for the IADC Safety Awards that will be presented at the AGM in Krakow, Poland in September. As it is uncertain if conferences will be held in 2021, it is uncertain if IADC Young Author Awards will be granted in 2021.

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 as well as organising activities that do not require long-term investments.

Voorburg, 15 April 2021
The Board of IADC





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