



ANNUAL REPORT 2014



INTERNATIONAL ASSOCIATION OF DREDGING COMPANIES

MEMBERSHIP LIST

AFRICA

- BKI Egypt for Marine Contracting Works S.A.E., Cairo, Egypt
- Dredging and Reclamation Jan De Nul Ltd., Lagos, Nigeria
- Dredging International Services Nigeria Ltd, Ikoyi Lagos, Nigeria
- Nigerian Westminster Dredging and Marine Ltd., Lagos, Nigeria
- Van Oord Nigeria Ltd, Victoria Island, Nigeria

ASIA

- Beijing Boskalis Dredging Technology Co. Ltd., Beijing, PR China
- Boskalis Dredging India Pvt Ltd., Mumbai, India
- Boskalis International (S) Pte. Ltd., Singapore
- 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 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
- 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 Subsea Contracting B.V., Papendrecht, Netherlands
- Boskalis Sweden AB, Gothenburg, Sweden
- Boskalis Westminster Ltd., Fareham, UK
- Boskalis Westminster Middle East Ltd., Limassol, Cyprus
- Boskalis Westminster Shipping BV, Papendrecht, Netherlands
- Brewaba Wasserbaugesellschaft Bremen mbH, Bremen, Germany
- BW Marine (Cyprus) Ltd, Limassol, Cyprus
- DEME Building Materials NV (DBM), Zwijndrecht, Belgium
- Dragapor Dragagens de Portugal S.A., Alcochete, Portugal
- 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., Steinfort, 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 n.v., Hofstade/Aalst, Belgium
- Mijster Zand- en Grinhandel bv, Gorinchem, Netherlands
- Nordsee Nassbagger-und Tiefbau GmbH, Bremen, Germany
- Paans Van Oord B.V., Gorinchem, Netherlands
- Rock Fall Company Ltd, Aberdeen, UK
- Rohde Nielsen, Copenhagen, Denmark
- Sociedade Española de Dragados S.A., Madrid, Spain
- Societa Italiana Dragaggi SpA 'SIDRA', Rome, Italy
- Société de Dragage International 'SDI' SA, Lambersart, France
- Sodrac International S.A.S., Lille, 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 Ireland Ltd, Dublin, Ireland
- Van Oord Middle East Ltd, Nicosia, Cyprus
- Van Oord Nederland bv, Gorinchem, Netherlands
- Van Oord nv, Rotterdam, Netherlands
- Van Oord Offshore bv, Gorinchem, Netherlands
- Van Oord UK Ltd., Newbury, UK

MIDDLE EAST

- Boskalis Westminster (Oman) LLC, Muscat, Oman
- Boskalis Westminster Al Rushaid Co. Ltd., Al Khobar, Saudi Arabia
- Boskalis Westminster Middle East Ltd., Abu Dhabi, UAE
- Boskalis Westminster Middle East Ltd., 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 Gulf FZE, Dubai, UAE

THE AMERICAS

- Boskalis International bv Sucural 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 Servicos de Dragagem Ltda, Brazil
- Dragamex SA de CV, Mexcio City, Mexico
- Dravensa C.A., Caracas, Venezuela
- 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
- Stuyvesant Dredging Company, Louisiana, USA
- Van Oord Colombia S.A.S., Bogota
- Van Oord Curaçao nv, Willemstad, Curaçao
- Van Oord de México, S.A. de C.V., Mexico City
- Van Oord Dragagens do Brasil Ltd, Rio de Janeiro, Brazil
- Van Oord Marine Contractors Canada Ltd., Ontario
- Westminster Dredging (Overseas) Ltd., Trinidad

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FOREWORD



A GOLDEN ANNIVERSARY

The group of people representing 38 private dredging companies from 12 countries who gathered together to incorporate the IADC 50 years ago had a vision. These engineers and executives foresaw the growing role of dredging in the maritime sector and the necessity for the dredging industry to define its own guidelines: fair trade practices, sound tendering procedures, open markets, the use of standard conditions of contract, standardisation of soil investigations and environmental awareness. They set out to both formulate these strategies and to explain them to the world.

Step by step, the activities of the IADC increased, with more and more outreach to related industries and organisations. More public relations initiatives were started: Early in the 1970s the Terra et Aqua journal was launched. The 1980s saw close cooperation with the International Association of Ports & Harbors (IAPH) with the publication of Dredging for Development which is now in its sixth edition. In the 1990s books like Environmental Aspects of Dredging – which is in the process of being upgraded – and the seminar of the same name were developed with the Central Dredging Association (CEDA). The continuing relevance of the environmental seminar is clear: In 2014 the UK-based Institution of Civil Engineers added it to their list of courses contributing to programmes of continuous education. The 1990s also saw the first Seminar on Dredging and Reclamation at UNESCO-IHE in Delft. It soon expanded to Singapore and nowadays is presented in many other countries. The IADC also co-founded the European Dredging Association (EuDA) with which it continues to cooperate.

As the next century arrived contacts continued to grow: Presentations for PIANC and the World Dredging Association (WODA) conferences. Collaboration with UNEP to help define dredging to their audience and later with Fédération Internationale Des Ingénieurs-Conseils (FIDIC) to increase their understanding of the special contractual demands that dredgers confront.

Work on an updated FIDIC contract for dredging is presently going on. Other affiliations such as with CIRIA were expanded to include support for a definitive reference work on reclamation, the Hydraulic Fill Manual. Contacts with the Inter-American Committee on Ports of the Organization of American States (OAS-CIP) and the Organisation for Economic and Cultural Development (OECD) have been established.

The last few years have also seen a transition to a greater digital presence. Several webinars were performed, Terra et Aqua has a digitally enhanced version and the Facts About series of information updates has gone from print to an enriched online edition. Both are available at the IADC website. To that point, the IADC's website contains a constantly expanding wealth of information and its staff is ready to assist all those whose lives are touched by dredging and maritime infrastructure construction, stakeholders in government and port authorities, in the energy industry as well as environmentalists and ordinary citizens.

A half century after the IADC's inception, the industry's energy and entrepreneurial spirit continue to flourish. As we view the activities of 2014 and enter the IADC's "golden anniversary" year, we can see the many golden opportunities that await the industry and the IADC for the next fifty.

Peter de Ridder
President

REPORT OF THE BOARD

WHO WE ARE

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

- Educating people on all levels – stakeholders and authorities, government and other industries – about dredging;
- Informing them 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 as well as 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 IADC comprises the foremost privately owned international dredging contractors, who operate sizeable, modern fleets and are respected throughout the world for their expertise and professionalism. Currently, the Association has 10 main members and some 101 associate members that are branches of main members and/or joint ventures with local contractors. The Association's members execute nearly 50% of all dredging projects globally and nearly 90% of dredging works in open markets.

In this report the Board gives an overview of the state of affairs of the Association and its activities in 2014. Highlights of the year include the start of the ecosystem services project in which the theoretical concept will be applied to five maritime infrastructure projects, a successful course on the Environmental Aspects of Dredging, offering hours for continuous education programmes to participants, the continuing increase of activities on social media (e.g.: Facebook, Twitter, LinkedIn and YouTube) and preparations for the 50th anniversary of the Association. The Association realised a small positive result over the year 2014. Further details on the Association's financial situation can be found in the Financial Statements.

SECRETARIAT

The Secretariat is managed by Mr. R. Kolman

as Secretary General; Mrs. M. Taal acted as Secretary to the Board and the Public Relations Committee.

BOARD

In accordance with the Bylaws, Mr. Haworth was due to retire at the Annual General Meeting in Split. He was available for re-election. The nomination was approved by the delegates. Mr. Tison resigned from Jan De Nul on 1 September 2014. As Mrs. Fordeyn was nominated as his successor after the Annual Meeting was held, her nomination has to be formally approved at the 2015 AGM. Mr. Van Meerbeeck stepped down due to his retirement at DEME. The nomination of his successor Mrs. Verbraecken was approved by the delegates. As she succeeded Mr. Van Meerbeeck, whose term runs until the AGM 2015, she has to be re-elected then.

At the end of 2014, the Board comprised eight members:

Mr. P. de Ridder, President (2015)

Mr. Y. Kakimoto, Vice-President (2015)
Penta-Ocean Construction Co. Ltd.

Mrs. E. Verbraecken, Treasurer (2015)
DEME N.V.

Mr. T. Baartmans, Member (2016)
Royal Boskalis Westminster nv

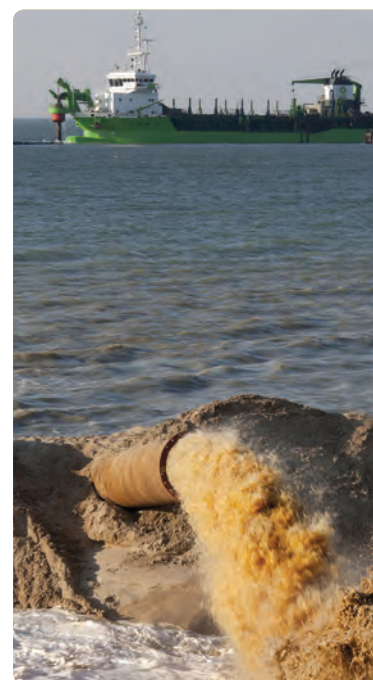
Mr. P. Catteau, Member (2015)
Società Italiani Dragaggi SpA

Mr. N. Haworth, Member (2017)
Boskalis International (S) Pte. Ltd.

Mrs. M. Fordeyn, Member Nominee
Jan De Nul NV

Mr. P. Verheul, Member (2016)
Van Oord

Since the Annual Convention in Split, the Board met in December 2014. Further meetings are scheduled for April, June, October and December 2015.



REPORT OF THE BOARD

WHAT WE DO: EDUCATING



The IADC staff spends a significant portion of its time and budget educating students, potential clients and the public who come into contact with dredging activities, but are not aware of its many facets.

Two main channels are used to reach out to our audience. Firstly the traditional IADC seminars and secondly the new online webinars.

IADC SEMINARS

The 5-day seminar gives an insight into the basics of dredging. In 2015 IADC will organise its 50th seminar in cooperation with UNESCO-IHE. The course is presented by lecturers, who are experts “on loan” from our member companies.

Since their initiation in 1993 more than 1,000 participants, originating from all over the globe, have attended the seminar. As dredging projects are executed all over the world there is a clear need to organise the three annual seminars on different continents. One is held in Delft, The Netherlands in close cooperation with UNESCO-IHE and is a much appreciated part of the curriculum at this university. The second alternates between Singapore and one of the Far East countries, depending on market circumstances. The third is organised on one of the other continents. The availability of a good site visit is an important condition for the location.

Three successful seminars were held in 2014. The first was held in Brisbane Australia (March), with the support of local consultants and the Port of Brisbane. The second seminar was in Delft, The Netherlands in cooperation with UNESCO-IHE (June), and the last was in Singapore in cooperation with the National University of Singapore (October). In total 73 participants attended the three seminars – including a journalist from South-East Asia Construction. An in-depth article was published in this magazine.

The 73 participants originating from 5 continents and 22 countries, are clear evidence of the general appreciation of the course.



In addition to the full 5-day seminar, IADC organises a 2-day course on the Environmental Aspects of Dredging, based on the identically named book. Both the book and the seminar are a joint activity of IADC and the Central Dredging Association (CEDA). In June 2014 it was organised in the UK at the premises of HR-Wallingford as a tribute to Mr. Nick Bray, author of the EAD-book and also much appreciated and long serving lecturer of the course.

It was the first time ever that certified engineers could attend the seminar as part of their programme on continuous education. The UK based Institution of Civil Engineers added this seminar to their list of courses contributing to programmes of continuous education. This resulted in 27 participants, largely engineers from the UK.

The Foundation on Post Academic Education in Delft (PAO) organised in cooperation with IADC a two-day seminar on the Hydraulic Fill Manual. This technical seminar elaborates on the basics of constructing a reclamation and the relevant technical details. The target group for such a seminar is quite small which is reflected in the limited number of participants (16). Nevertheless the evaluation of the seminar was very positive. The course offers 10 Professional Development Hours (PDH) for Construction and Engineering.

WEBINARS

At the end of 2013 IADC had its first experience with the second channel, online education via a webinar. The webinars provide the opportunity to educate a broad audience on major issues in the dredging industry. A 30 minute presentation is followed by an interactive 'question and answer' session. After the live session the webinar can be reviewed on IADC's YouTube-channel and the IADC website.

Despite the good results and an abundance of relevant topics no webinars were organised in 2014.

It is challenging to find competent experts within the IADC membership willing to present. IADC has therefore decided to widen the scope of potential presenters.

The first presentation based on the results of a PhD research on cultural aspects in mega projects is already online.



REPORT OF THE BOARD

WHAT WE DO: INFORMING



KNOWLEDGE TRANSFER THROUGH SPECIALISED LITERATURE

The IADC aims to create and disseminate dredging literature that provides an independent picture of the dredging industry and its characteristics. It covers the whole spectrum from an article on the theoretical research on the cutting power of chisels to a practical explanatory movie on YouTube on how a trailing suction hopper dredger works. It definitely reflects the special expertise of our member companies and the state of the art knowledge and expertise of the people and modern equipment.

The IADC aims to inform all kinds of stakeholders, from consultants to the general public on how the dredging industry can take care of their interests. A well informed stakeholder may be an ambassador for the industry.

ECOSYSTEM SERVICES

The concept of ecosystem services has been recognised by IADC as relevant for the dredging industry. Use of this concept in the dredging industry provides a more unbiased assessment of infrastructure projects. It recognises all positive and negative impacts of an intervention on the delivered services by an ecosystem. The impacts on these services can be valued and monetised. Having one denominator impacts can be compared. A lot of scientists are working on the concept, however, a translation to practice is very much lacking. For this the Board approved a project to assess 5 maritime projects along the lines of the ecosystem services concept. One of the projects, The Western Scheldt Container terminal has not been constructed due to objections from stakeholders. Could an ecosystem services assessment deliver other results?

The main aim of the project is to explain the added value of the use of ecosystem services in the design and development of projects in the dredging industry, in an understandable way to both within member companies and external stakeholders. The report will be finalised end of 2015.

RECLAMATION PAYS

An intern has researched the value of land reclamation to society. Land reclamation receives increasing attention as a feasible urban solution for coastal development, but there are no clear conclusions on the social and economic effects of reclamation projects. A straightforward evaluation of these impacts is not easy to achieve, mostly because effects are wide ranging, heterogeneous, and difficult to measure in the long-term. A complete, comprehensive assessment of different welfare effects can however be fostered based on specific appraisal techniques. Following a cost-benefit analysis approach, the intern illustrates a framework for evaluation of reclamation projects. This addresses the most important elements to consider in project appraisal, offers an overview of the different types of effects generally recognisable, and shows how an integrated monetary valuation of the project can eventually be estimated. Two case studies are then analysed using the proposed model: a port development project (Maasvlakte-2), and a beach reclamation project (Amager Strand). The core conclusion drawn from the case studies is that reclamation projects may cause relevant impacts also outside the sector for which they are specifically implemented. In many cases, economic, strategic, environmental and other social effects directly or indirectly related to reclamation projects are substantial. The report indicates that a thorough identification and measurement of project effects is fundamental for clarifying the comparative advantages that reclamation offers with respect to alternative spatial-development plans. Comprehensive and consistent evaluation of the impacts on society can contribute to better consideration of reclamation as an urban solution and an investment opportunity for both private and public stakeholders.

COST STANDARDS

The Guide to Cost Standards for dredging equipment 2009, published by CIRIA has been indexed by the indexation committee of IADC. At present a revision of the cost standards is not foreseen, given the expected market developments.

PRESENTATIONS

The Secretary General of the Association gave several presentations. He wrote the paper “Early Contractor Involvement; Improving Complex Maritime Infrastructure Projects” which was presented at the PIANC World Congress in San Francisco. The paper has been published on IADC’s website.

IADC is an associated member of the Inter-American Committee on Ports of the

Organization of American States. At the ninth meeting of this committee IADC gave two presentations, one on Early Contractor Involvement, based on the PIANC paper and one on Green Dredging. The latter elaborated on recent developments on how dredging can take the environment into account. Both presentations are available on the OAS-CIP website.

IADC BOOKS, JOURNALS AND BROCHURES 2014

- Terra et Aqua, the official quarterly journal dedicated to “Maritime Solutions for a Changing World”, appeared in March, June, September and December with more than a dozen in-depth research articles as well as book reviews on dredging literature. From early 2014 onwards IADC published the first interactive digital version. This version contained additional information (pictures, hyperlinks, etc.) not included in the printed version. Highlights of Terra articles included contributions elaborating on ecosystem services and engineering with nature. The December 2014 edition featured several articles on emissions from different perspectives. Over the course of the year a subscription renewal resulted in a substantial reduction (1,500) of hard copy subscribers, this has however, been fully compensated by the same number of e-mail subscriptions.
- The Facts About series added four new titles focusing on equipment: Trailing Suction Hopper Dredgers, Cutter Suction Dredgers, Backhoes and Environmental Equipment. Since 2014, the Facts About are published as an interactive digital version on the IADC website and are also e-mailed to subscribers.
- Dredging in Figures is published annually and made available as a digital download at the IADC website as well as e-mailed to various journalists. Accurate information about dredging is often difficult to find. The IADC is increasingly becoming the source for international journalists interested in the maritime sector. The latest report (DIF 2013) was downloaded from the website over a 1,300 times in just 4 months (November 2013 – February 2014).
- Work on the revision of the Environmental Aspects of Dredging book experienced some delay in 2014. Following an initial agreement within the editorial board on the table of contents more discussions were necessary to get all those involved in the writing process in line. A workshop in Hamburg with over 20 representatives from CEDA and IADC resulted in an approved philosophy and table of contents. In addition both authors and editorial board experienced a new impulse to revise this highly valued book. The editorial board was expanded to 4 representatives of CEDA and IADC each. A first draft is foreseen by the end of 2015.

REPORT OF THE BOARD

WHAT WE DO: PROMOTING



SOCIAL MEDIA

In 2014, social media became more and more an integrated part of IADC's communications. It resulted in an increase of 25,000 new visitors to the website. The registration of visitors, number of downloads and duration of their visits gives a good understanding of the relevance of specific information on the website. Statistics gave input for dedicated actions to improve the dissemination of the information. The 2013 Dredging in Figures reached the total number of downloads of the 2012 figures in just three months by simply boosting it via Facebook and LinkedIn.

By the end of 2014 the number of Facebook followers increased from 196 to 482. The number of views on YouTube has nearly doubled to close to 5,000. All items on Dredging equipment remain popular and were the most frequently downloaded publications in 2014. The number of views on the cutter suction dredger, linked to the Facts About on CSD's were nearly twice as many as the webinar on ecology in the same period. The number of IADC's LinkedIn followers has doubled to nearly 800.

The number of followers and downloads on social media is very much related to the frequency of activities on social media. A frequent and scheduled provision of relevant information, pictures and news facts via the various channels resulted in an appreciated information flow and an "easy to find"-status on the internet. We want to further improve this status by intensifying the use of social media. A survey amongst member company employees under the age of 35 made it clear that digital communication becomes increasingly relevant. At the same time it appeared that the familiarity with IADC and the Terra et Aqua journal is insufficient, so this requires attention.

The corporate film has been completely updated. The original version has been divided into three parts, one with general IADC information, one with the 6 drivers of the industry and the last one containing the educational activities of IADC. In addition to incorporating the new IADC house style a lot of new footage, provided by the members, has been added.

Although the general language within the dredging industry is English, there are other widely used languages. For this reason it was decided to translate the core website information and selected Facts About into French, Spanish and Portuguese. At present the number of downloads of translated documents is low. Promotion of this new feature of IADC's website will not only increase the number of visits to the website but also the number of downloads in the new languages.

On the occasion of its 50th anniversary in 2015 IADC will publish a book containing 50 game changing dredging projects over the last 50 years and organise a one-day conference in Hong Kong. A lot of effort has been put into the collection of photographic material by the members resulting in an overview of projects scattered over 50 years depicting the development of our industry. A preparatory conference call and meeting in Singapore were held to decide on the theme and content of the conference.



As a follow-up to the trial run (November 2013) the IADC, together with Mr. Roberto Vidal (Dravo SA Madrid), made presentations at the University of Madrid, Seville, Santander and Granada, Spain.

Interested professors provided 1.5 hours of classroom time to introduce the dredging industry to over 180 students in total.

IADC ARTICLES AND ADVERTS IN OUTSIDE PUBLICATIONS

- Arab Construction World, Maritime Solutions for a Changing World, January (2 pages).
- Dredging and Port Construction, EAD book in Russian, January (1/2 page).
- Container Management, Digging Around, February (2.5 pages).
- Maritime Journal, Seminar Brisbane, February (1/4 page).
- DredgingToday.com, March, topic on Ecology Webinar.
- Marine and Ports, article on Good Hydraulic Fill, 2014 issue (2 pages).
- GreenPort, Spring, article on Joining Forces to Protect Ecosystems, Spring issue (3 pages).
- Dredging and Port Construction, Environmental Aspects of Dredging course with HR Wallingford, May (1 page).
- Port Technology, Introducing Ecosystem Services for Port Development, May (3 pages).
- World Port Development, Safety is a Value, not a Rule, May (2 pages).
- Shipping and Marine, issue 108, article on No More Muddy Waters, May (3 pages).
- Ports & Harbors, Underwater sound: dredging Maasvlakte 2, May (2 pages).
- Ports & Harbors, Cashing in on Nature, July (3 pages).
- Port Strategy, Driving Dredging, August (3 pages).
- Dredging and Port Construction September, Training & Personnel, A learning experience , IADC Award and an item on the Facts About.
- Arab Construction World, November 2014: Backhoe Dredgers (3 pages).

REPORT OF THE BOARD

WHAT WE DO: NETWORKING



PARTNERSHIPS

IADC operates within a highly organised work field. Several maritime organisations, all working on their specific interests in the maritime sector, frequently interact. IADC maintains a professional relation with most of them. Co-operation is of mutual benefit and contributes to a better understanding of each other's interests. IADC experiences this as real partnerships.

CONFERENCES AND CO-OPERATION

IADC is an associated member of OAS-CIP and was present at the ninth meeting of this Committee in Washington DC, USA. As most Caribbean and South American countries are members and were present at this committee meeting, IADC was able to build a new network. The presentation of the EcoShape- foundation booklet on Building with Nature in English and Spanish was much appreciated.

PIANC, based in Brussels, organised its World Conference in San Francisco in June 2014. In addition to the presentation on Early Contractor Involvement IADC also participated at the exhibition. As at the WODCON Conference in 2013, IADC attracted visitors to its booth with a contest and handed out 8 copies of the Hydraulic Fill Manual to the winners.

The editor of Terra et Aqua attends technical conferences, such as those organised by PIANC for the acquisition of new articles by member companies and third parties.

The IADC also advises and sits on PIANC's EnviCom, which prepares publications on environmental subjects, and ProCom which advises on promotional and communication matters. Presently EnviCom is preparing two reports respectively entitled, "Dredging and Port Construction around Coastal Plant Habitats" and "Best Practices of How to Deal with Sea Turtles and Mammals in Marine Waterway and Port Construction Activities". The expected publication date is end 2015 and early 2016 respectively. The Secretary General is a mentor of these work groups in which representatives of member companies participate.

The IADC is also a member of PIANC's Permanent Task Group Climate Change.

Traditionally the IADC has had a close connection to the WODA (World Dredging Association) comprising 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 including the Environmental Aspects of Dredging Course as well as the update of the joint publication on the Environmental Aspects of Dredging.



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 on Dredging and Reclamation Work. The IADC has contributed its legal expertise to the updating of this contract. The scheduled publication of the update has been postponed until summer 2015.

The IADC also cooperates with the European Dredging Association (EuDA) and is a member of EuDA's CO2 working group. In addition, through informal meetings, the IADC maintains contact with the "Vereniging van Waterbouwers" (the Dutch Association of Waterborne Construction Contractors), "NABU" (the Dutch Association of International Contractors) and other national organisations.

The International Association of Ports & Harbors (IAPH) membership (which comprises port authorities worldwide) is a target group for the IADC's information on dredging and port development. IAPH has published a number of articles written by the IADC and in turn, the IADC participates in the IAPH Environmental, Legal and Port Development Committees.

IADC YOUNG AUTHORS AWARD

At the PIANC World Conference in San Francisco in June 2014, the IADC Young Authors Award was granted to Coraggio Maglio et al. from USACE for his paper and presentation "Reducing Shoaling in the GIWW and Erosion of Barrier Islands along West Galveston Bay".

REPORT OF THE BOARD

WHAT WE DO: 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. Support from the members for IADC’s activities is vital, highly appreciated and helps us do our job effectively. But this works both ways. When members send delegates to IADC events or get involved with our 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.

MEMBER PARTICIPATION IN COMMITTEES

The IADC depends in many instances on the input of its members. To that end, several committees have been established. These include: Lecturers Team for the IADC Seminars, the Public Relations Committee, the Dredging in Figures Committee, the Registered Plant Committee, the Indexation Cost Standards Committee, the Legal Committee, and the Safety Committee.

IADC AND SAFETY

For several years an IADC Safety Award was presented to a member company for outstanding performance in the area of safety. In 2013 the IADC Board decided to adapt this policy. Instead of presenting an award, the Board chose to emphasise the importance of safety within the IADC by further examining how safety procedures and standards can be harmonised amongst the members and the industry. To this end a new Safety Committee has been established. The committee formulated a safety charter which was approved at the 2014 AGM in Split. The general aim of the committee is an overall improvement of safety standards and behaviour in the dredging industry and communication to all stakeholders that safety is paramount in the sector. The committee introduced itself in the December 2014 edition of Terra et Aqua and intends to publish two articles per year in Terra.

HEALTH AND SAFETY CHARTER IADC

IADC is aware of the risk of the activities in the dredging industry and recognises the will of its members to safeguard their employees and involved parties.

IADC therefore has established a Safety Committee that enables sharing of best practices amongst its members and active communication thereof.

By maintaining a high level of health and safety IADC members commit themselves to:

- Create a safe and healthy working environment for their employees;
- Comply with all applicable safety and occupational health laws, regulation standards, codes of practice in all countries in which they operate;
- Keep risks to personnel, equipment and the environment at as low a level as reasonably practicable;
- Stimulate a culture of safety awareness and continuous improvement.

The above-mentioned commitments aim to reduce the number of accidents and incidents to zero.

On behalf of all IADC members,
Split 19-9-2014.

Mr. P. de Ridder,
President of the Board of IADC

LECTURERS DREDGING SEMINAR

Mr. R. Dijkema
Mr. M. van den Heuvel
Mr. B. Malherbe
Mr. P. De Nys
Mr. P. den Ridder
Mr. F. Uelman
Mr. P. Vercrujisse
Mr. L. Verstraelen

LECTURERS ENVIRONMENTAL SEMINAR

Mr. S. Aarninkhof
Mr. E. Van Eekelen
Mr. F. Goethals
Mr. M. Van Koningsveld
Mr. M. Van Parys
Mr. G. van Raalte

DREDGING IN FIGURES COMMITTEE

Mr. I. Daemen
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Mrs. M. Fordeyn
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PUBLIC RELATIONS COMMITTEE

Mr. R. de Bruin
Mrs. H. Schellinck
Mr. A. Schikker
Mr. R. Vidal Martin
Mrs. A. Wittemans

SAFETY COMMITTEE

Mr. P. Bos
Mr. W. Haaijer
Mr. T. van de Minkelis
Mr. C. Leroy

LEGAL COMMITTEE

Mr. P. van der Linde
Mr. T. Lenaerts
Mr. T. Maddock
Mrs. L. Voigt Starris
Mr. D. Ultee
Mr. G. Maeyens

REGISTERED PLANT COMMITTEE

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Mr. A. Beyst
Mr. K. Bovijn
Mr. M. Genetello
Mr. G. Griep
Mr. A. Kamsteeg
Mr. S. Kranendonk

INDEXATION COST STANDARDS COMMITTEE

Mr. E. Van Haaren
Mr. M. De Boom
Mr. A. Beyst
Mr. W. Blomme
Mr. A. Kamsteeg
Mr. W. Labrie

IADC STAFF MEMBERS

Mrs. Manike Boere
Mr. Jurgen Dhollander
Mr. René Kolman
Mrs. Simone Pat
Mr. Renato Rauwerda
Mrs. Melanie Taal
Mrs. Jeanet Vonk

EDITOR TERRA ET AQUA

Mrs. Marsha Cohen

CAREER LINKS ON THE WEBSITE

Introducing potential employees to the member companies has been an on-going activity. In 2014 the IADC website was connected to the career and job vacancy pages of the members. Professionals visiting the IADC website can now click through to the respective members to look for job opportunities.

ANNUAL GENERAL MEETING AND YOUNG MANAGEMENT DAYS

In 2014 the Annual General Meeting was held in Split, Croatia. The Young Management Days were held for the seventh time in co-operation with the London School of Economics in Dubai. 23 participants of 8 member companies attended the programme.

ANNUAL GENERAL CONVENTION IN SPLIT, CROATIA

HIGHLIGHT

The culmination of the IADC's membership activities is the AGM, which has a threefold purpose:

- the IADC staff reports to the top executives of the membership;
- the members get to network and socialise; and
- lectures and visits to special attractions provide some interesting learning experiences.

Mrs. Karen Smits presentation on "Collaboration in the Panama Canal Expansion Program: A Collabyrinth" was well appreciated. It made clear that in complex projects attention has to be paid to cultural differences and the way they can be bridged. Due to the general interest of the topic IADC made a webinar based on the presentation by Mrs. Smits. This has been made available on the website and IADC's YouTube channel.

REPORT OF THE BOARD

FUTURE ACTIVITIES



In addition to all of the regular IADC activities in 2015 the 50th anniversary generated a lot of one off projects such as the 50 projects book, a special 50th edition of the Dredging Seminar and the conference Asian Maritime Megastructures in Hong Kong.

In 2016 the Association will revert back to its regular activities with an emphasis on intensifying and/or improving both internal and external activities such as the seminars, webinars, publications, Young Management Programme etc.

Next to its stakeholders IADC wants to focus more on young employees. They are often unaware of the IADC, don't know the website or the services and knowledge provided. This target group prefers to communicate in a digital way.

We are convinced that a more focussed digital communication via website, e-mail and social media will highly contribute to the visibility of IADC. More targeted communication via selected LinkedIn-groups will increase the familiarity with IADC. There is a lot to gain.

In 2014 a French, Spanish and Portuguese version of the core text of the website was introduced. A better promotion of this product is necessary to ensure it reaches a wider audience.

An update of our flagship journal "Terra et Aqua" will coincide with the succession of its Editor, Mrs. Cohen.

With the approval of the Board to appoint a fulltime employee at the Secretariat communication capacity will also increase.

IADC also intends to work with a scientific publisher. We are convinced that this will benefit the Association and increase the network to which information is distributed, this still being one of the main aims of the Association.

The quality of the Dredging in Figures document has improved considerably over the last few years. Nevertheless, further improvement is possible by obtaining input from dredging companies outside the IADC membership.

In 2014 IADC established a Safety Committee. Upon request of the Board the Committee will propose new conditions and requirements for a re-introduction of the IADC Safety Award, which will be granted for the first time in 2016.

The Hague, 14 April 2015

The Board of IADC





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