



ANNUAL REPORT 2012



INTERNATIONAL ASSOCIATION OF DREDGING COMPANIES

MEMBERSHIPLIST

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 B.V., Rotterdam, Netherlands
- Boskalis International B.V., Papendrecht, Netherlands
- Boskalis Italia Srl., Rome, Italy
- Boskalis Offshore bv, Papendrecht, Netherlands
- Boskalis Sweden AB, Gothenburg, Sweden
- Boskalis Westminster Ltd., Fareham, UK
- Boskalis Westminster Marine (Cyprus) Ltd, Limassol, Cyprus
- Boskalis Westminster Middle East Ltd., Limassol, Cyprus
- Boskalis Westminster Shipping BV, Papendrecht, Netherlands
- Brewaba Wasserbaugesellschaft Bremen mbH, Bremen, Germany
- 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
- Flota Proyectos Singulares S.A., Madrid, Spain
- 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
- Mijnter 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 Middle East Ltd., Abu Dhabi, UAE
- Boskalis Westminster (Oman) LLC, Muscat, Oman
- Boskalis Westminster Al Rushaid Co. Ltd., Al Khobar, Saudi Arabia
- 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 Curaçao nv, Willemstad, Curaçao
- Van Oord Dragagens do Brasil Ltd, Rio de Janeiro, Brazil
- Westminster Dredging (Overseas) Ltd., Trinidad

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FOREWORD



WHAT A DIFFERENCE A YEAR MAKES

A newly designed house style. An updated and upgraded website and a new database and mailing system which have facilitated IADC's outreach to members and to the wider world of maritime infrastructure construction. All of these improvements reflect the energy and enthusiasm of IADC's staff.

As the year progressed, communications via social media also increased and improved. These media helped spark traffic on the IADC website and brought greater attention to the International Seminar on Dredging and the Environmental Seminar.

IADC continued to be invited to attend third party events. Through the IADC's contributions at conferences, including speeches, papers, and the Young Author's Awards, through its participation in various scientific committees as well as through articles about research and innovation in *Terra et Aqua*, IADC's credibility and esteem in the eyes of other maritime organisations persisted.

More and more frequently when the word "dredging" appears, IADC is the go-to group. With *Dredging in Figures* and the *Facts About* series input is offered that is otherwise difficult to find. A highlight of 2012 was the publication of the *Hydraulic Fill Manual*, a comprehensive reference work created and supported by IADC and its member companies -- a contribution to dredging literature that is destined to become a classic.

As this Annual Report goes to press, actions for 2013 are already moving ahead: the Forum on Early Contractor Involvement held in London two years ago is scheduled for a reprise this autumn in Kuala Lumpur; webinars which will periodically appear online throughout the year are being planned; and a revision of the standard work, *Environmental Aspects of Dredging*, is underway. Clearly the gears for an innovative, informative and intense 2013 are already turning at full speed.

Peter de Ridder
President

REPORT OF THE BOARD 2012

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 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 11 main members and some 100 associate members that are branches of main members and/or joint ventures with local contractors. The Association's members execute over 50% of all dredging projects globally and nearly 90% of dredging works in open markets.

"THE IADC'S VISION IS THAT THE BETTER INFORMED CLIENTS ARE, THE BETTER EQUIPPED THEY ARE TO PARTNER WITH CONTRACTORS TO REALISE SUCCESSFUL PROJECTS."

Peter de Ridder, President IADC

In this report the Board gives an overview of the state of affairs of the Association and its activities in 2012. Highlights of the year include the launch of the new house style, with a new logo and new website and the increase of activities using a range of social media (e.g Facebook, Twitter, LinkedIn and YouTube).

The Association realised a small positive result over the year 2012. Further details on the Association's financial situation can be found in the Financial Accounts.

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

At the Annual Convention in Panama Mr. P. de Ridder, COO of Van Oord nv, was approved as successor to Mr. Jac. G. van Oord and was appointed as President for a term of three years. At the end of 2012 Mr. De Ridder retired from Van Oord. In accordance with the Bylaws, Mr. Y. Kakimoto, Mr. C. van Meerbeeck and Mr. P. Catteau were due to retire. All three were available for re-election and were appointed for another three-year term.

At the end of 2012, the Board comprised seven members:

Mr. P. de Ridder, President (2015)

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

Mr. C. van Meerbeeck, Treasurer (2015)
DEME N.V.

Mr. T. Baartmans, Member (2013)
Royal Boskalis Westminster nv

Mr. N. Haworth, Member (2014)
Boskalis International (S) Pte. Ltd.

Mr. P. Tison, Member (2014)
Jan De Nul NV

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

Since the Annual Convention in Panama, the Board met in December 2012. Further meetings are scheduled for March, June and September 2013.



REPORT OF THE BOARD 2012

WHAT WE DO: EDUCATING



ABOUT IADC SEMINARS

For many outside the industry, dredging remains an unknown activity that takes place below the water's surface. The IADC spends a significant portion of its time and budget educating people who come into contact with dredging, such as (future) decision makers and their advisors in governments, port and harbour authorities, off-shore companies and other organisations that have to execute dredging projects. In general, these people are minimally informed – if at all – about the challenges and intricacies of dredging.

The IADC International Seminar on Dredging & Land Reclamation gives an insight in the basics of dredging.

Over a 20 year period these intensive week-long courses have been successfully presented in Delft, Singapore, Dubai, Buenos Aires, Abu Dhabi, Bahrain and Brazil to more than a 1000 participants. The course is generally organised in cooperation with educational institutions such as UNESCO-IHE and the National University of Singapore.

“FOR THE CLIENT, THE IADC SEMINAR IS THE BEST OPPORTUNITY EVER TO START TO UNDERSTAND WHAT A DREDGING WORK IS. AFTER THE SEMINAR THEY CAN SEE WHAT IS POSSIBLE AND WHAT IS NOT.”

Participant in Seminar, Recife, Brazil

IADC SEMINARS ARE IN DEMAND

- In 2012 the IADC presented its International Seminar on Dredging & Land Reclamation three times in: Brazil (March); the Netherlands in cooperation with UNESCO-IHE (June); Singapore in cooperation with the National University of Singapore (October). More than 30 participants attended each seminar, which resulted in a positive financial result.
- The Environmental Aspects of Dredging (EAD) Training Course was held twice at: PAO (Post-Academisch Onderwijs) in Delft (April); CEDA Dredging Days, Abu Dhabi (December) attended by 35 participants in total.
- At the request of the National Ports Authority (Transnet), South Africa, two customised (short) Dredging Seminars were held in Cape Town and Durban (August), with 40 participants per Seminar.

ATTRACTING QUALIFIED STUDENTS TO THE DREDGING INDUSTRY

What do most engineering students know about the dredging industry? That was the question the IADC asked itself. And the answer was: Not much.

So began an initiative to create a new – structured – campaign to introduce dredging as a career choice. The IADC in cooperation with a third party organised 10 presentations at 7 educational institutions in the United Kingdom and Ireland. The colleges and universities were:

Plymouth University, England
Cork Institute of Technology, Ireland
National Maritime College of Ireland, Cork
University College Cork, Ireland
University of Strathclyde, Glasgow, Scotland
Liverpool John Moores University, England
University College London, England

"AS STUDENTS ARE NOT FAMILIAR WITH THE INDUSTRY THEY DO NOT RECOGNISE IT AS A VIABLE CAREER PATH."

A student

Approximately 300 undergraduate and graduate engineering students attended, most of whom were barely aware of the dredging industry beforehand. Students attending the presentations followed a wide range of courses:

MSc Hydrographic Surveying, MSc Remote Sensing, BEng Civil Engineering, BEng Coastal Engineering, MEng Civil Engineering, MSc Environmental Engineering, BEng Sustainability and Environmental Engineering, BEng Structural Engineering, BSc Ocean Exploration, Marine Electro-technology, Marine and Plant Engineering and Nautical Science.

The primary purpose of the presentations provided to these undergraduate students was to stimulate interest in dredging as a career. To evaluate their responses, they were requested to fill in a form at the end of the sessions.

Overwhelmingly their enthusiasm was universal and some were amazed that they knew nothing of dredging prior to these presentations.

"OPENED MY EYES TO A FIELD I MIGHT NOT HAVE CONSIDERED."

A student

"...(THE) PRESENTATIONS GAVE THE STUDENTS A BETTER UNDERSTANDING OF THE INDUSTRY THAT MAY BE HELPFUL TO ANY FUTURE ROLE THEY MAY HAVE ASSOCIATED WITH THE INDUSTRY."

Michael Fitzsimons,
Federation of Dredging Contractors

REPORT OF THE BOARD 2012

WHAT WE DO: INFORMING



WHAT, WHERE, WHEN, WHY AND HOW?

While the fruits of the labours of dredging are everywhere – in ports and airports, new residential sites, storm-surge barriers and other coastal defences, offshore windmills and submerged energy pipelines - to the average person, they are invisible. “Dredging, what can that possibly mean?” is often the reaction when one steps outside of the IADC’s work world. Even amongst acquaintances, friends and family, dredging remains a charged word with negative connotations.

Changing these attitudes by preparing and disseminating information on dredging is one of the major priorities of the IADC. Sometimes the IADC takes the initiative with new publications; sometimes publications are produced in cooperation with third parties. In both cases, the IADC seeks to ensure that the highest level of scientific and technical knowledge is reflected in the publications and media it supports.

“I THANK YOU VERY MUCH. I ALWAYS FOLLOW THE TERRA ET AQUA ISSUES. I ALWAYS ENJOY FOLLOWING THE PROGRESS IN THE WORLD OF DREDGING AND RECLAMATION.”

Prof. Dr. Ir. Otto S.R. Ongkosongo,
Geologist and Research Professor,
Research Institute for Oceanography,
Indonesian Institute of Sciences, Jakarta

“I HAVE RECEIVED MY FIRST COPY (NO 127) OF TERRA ET AQUA, THANK YOU. I AM IMPRESSED BY THE QUALITY OF YOUR MAGAZINE AND THE USEFULNESS OF THE PAPERS PRESENTED.”

Tim Austin, Principal Engineer –
Ports & Marine, Adelaide, Australia

BOOKS, JOURNALS AND BROCHURES 2012

- 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 of dredging literature.
- The Facts About series added four new issues on pertinent subjects: Selecting a Destination for Dredged Material, Dredging & Safety, Subsea Rock Installation and Initiating Hydraulic Fill Projects. The last issue of 2012 was presented in the new IADC house style.
- Accurate information about dredging is often requested from international journalists, but continues to be difficult to find. Dredging in Figures appeared in the new house style format, was actively promoted through emails and was posted on the website as a digital download. The AGM decided that from 2012 onwards more data should be included and the IADC has suggested adding the following information, approved by the IADC Board: Number of employees, level of education, types of disciplines, investment in in-company education and investment in equipment as % of turnover and as well as information on corporate social responsibility.
- The Hydraulic Fill Manual, published in December 2012, under the auspices of CIRIA and CUR.
- The Environmental Aspects of Dredging, published with CEDA in 2008, continues to be sold and used especially at the IADC seminar of the same name, but is clearly ready for an update. An Editorial Board with 3 members each from CEDA and IADC will begin work on a new edition, shifting the book’s focus from contaminated sediments to a broader spectrum of environmental issues and sustainability.

SOMETIMES WE DON'T KNOW WHAT WE DON'T KNOW

Many years in the making, the Hydraulic Fill Manual is the newest thoroughly researched book to be published with financial support from IADC. Add to that the engineering knowledge and writing skills of a group of dredging professionals from several IADC member companies and you've got a volume destined to become a classic on hydraulic fill.

The project began in an effort to correct some of the misinformation surrounding the characteristics of hydraulic fill and to emphasise the importance of sound scientific data when working on a land reclamation site. The book's appearance in December 2012 was heralded by the IADC members as well as the dredging community at large.

**"EVERYTHING YOU EVER
WANTED TO KNOW ABOUT
HYDRAULIC FILL AND DIDN'T
KNOW YOU SHOULD ASK."**

Jan van 't Hoff, editor and consultant

Long overlooked in the dredging literature, hydraulic fill plays a major role in the development of land reclamation projects. Without the involvement of engineers who have in-depth experience with hydraulic fill, a land reclamation project can easily become a financial as well as construction nightmare. This new Manual aims to support clients in the selection of contractors and to inform clients about land reclamation works. The book has been developed under the stewardship of CIRIA (Construction Industry Research and Information Association) and CUR Building & Infrastructure and two editor-experts in the field, Jan van 't Hoff and Art Nooy van der Kolff.

In addition to its financial support the IADC has actively offered its public relations skills to the editors and to the publisher throughout the development of the book and has promoted the book with pre-publication flyers. Now with its publication the IADC is preparing to assist with promoting the book at conferences, through the IADC website and its other media including Terra et Aqua.



REPORT OF THE BOARD 2012

WHAT WE DO: INFORMING

SOCIAL MEDIA PROVIDES A NEW PR TOOL

In today's digital environment an organisation cannot function without participating in social media – YouTube, Facebook, Twitter and LinkedIn.

The introduction of social media into the IADC mix has given a boost to the number of visitors to the IADC website. This includes the YouTube viewing of the corporate video (more than 1500) and the Seminar video (more than 400). The IADC LinkedIn company page (more than 200 followers) and Facebook and Twitter accounts have numerous followers. All this occurs under the watchful eye of the IADC PR and project manager who is an active member of many online maritime discussion groups. These groups and social media outlets have multiplied the potential to spread the news about the IADC activities. By far the most "hits" came from the IADC Christmas card, which were fully monitored and mined for information by the new data analysis system initiated in 2012.

"FUN CHRISTMAS CARD WITH (A LOT) OF VERY USEFUL INFORMATION AND YOU CAN SEE IMMEDIATELY IADC'S PRODUCTIVITY FROM THE PAST YEAR."

Paul Verheul, COO at Van Oord

The message read in part:

The holidays are just around the corner.

A time for caring and sharing.

To celebrate these festive days, we want to share a few unique presents with you.

Just click on the stars and you'll discover some "knowledge presents" made in the last year by our experts.

..... Our motto, 'dredging companies that care', remains uppermost in our minds.

Thank you for your appreciation of our efforts to shine a bright light on the dredging industry and its importance to society.

Now don't forget to click on the stars and open your presents.

Within the first hour more than 500 hits were registered. By the end of December almost 1300 hits had taken place with the 3 highlighted publications being opened more than 700 times.

A new data-monitoring system has allowed the IADC to also improve evaluation of its website and to target visitors to the site. In this way, the value of various services can be assessed. This monitoring has also been applied to the Terra et Aqua site as well.



REPORT OF THE BOARD 2012

WHAT WE DO: PROMOTING

ARTICLES PROMOTE THE MESSAGE

Shaping the public's perception of dredging and communicating with clients, stakeholders and others in the maritime community is an enormous challenge. To do this requires an unrelenting flow of well-written articles and press releases.

Online publications are being utilised more often and publications of all types were anxious to receive input from the IADC.

2012 truly marked the launch of the IADC brand into a more marketable entity with a long-term approach for increasing name recognition. To facilitate these efforts, a good portion of time, energy and budget were dedicated to developing a new house style and logo. This overhaul was deemed necessary on all levels of the IADC – the Board, the Secretariat and the Public Relations Committee.

PROMOTIONAL PRESENTATIONS

Participating in third-party conferences and presenting at these keeps the name of the IADC and its members in the limelight and emphasises the high quality work, research and extensive investments in all aspects of dredging that are made by members. Environment, economy and safety recur as themes because they are often areas where the dredging industry is most often questioned.

- At the request of the IADC, Dirk Katteler (Van Oord) attended the 13th World Conference on Cities and Ports in Nantes, France (June). An article about Reclamation Pays was published on the conference website.
- The Secretary General attended IAPH's mid-term Conference, Jerusalem (June), with a presentation on Greener Dredging.
- He also attended Dredging 2012, San Diego (October), with a presentation on Early Contractor Involvement. Lonneke Holierhoek, QHSE Staff Manager Van Oord, joined him on behalf of IADC at this conference, with a presentation, Client-Contractor Participation Can Improve Safety Performance.

ARTICLES IN OUTSIDE PUBLICATIONS

- In-house employee magazines of two IADC members placed information about the IADC: One in Van Oord's "Aan Boord" about the new IADC President; and one in Jan De Nul's Connecting Colleagues about the IADC's activities
- Clarkson's Dredger Register: The IADC fleet data is shared with Clarkson Research Services, which uses this information as a primary source for The Dredger Register that appears annually with a Foreword from the Secretary General
- Construction Digital / Business Review: "Educating clients and stakeholders is our number one priority"
- Container Management: Geoff Adam interviewed the Secretary General "The Americas dig deep"
- Dredging and Port Construction (DPC): September issue: "Singapore Seminar"; October issue: "Double delight in Abu Dhabi" (Environmental Aspects of Dredging Course)
- Eco Magazine: "Dredging around Coral Reefs" (based on the Facts About covering that topic)
- Holland Maritime Guest Column: "Invisible power, silent partner"
- Marine and Ports Review: September issue: "Dredging is green and getting greener"
- Maritime Journal: August issue: "Facts About Dredging & Safety"
- Marine News: June issue: article on "Global Dredging" (based upon Dredging in Figures)
- Ports & Harbors (IAPH): Mr Kolman's presentation, "Greener Dredging", at the IAPH Conference in Jerusalem was adapted as an article.
- Port Technology International: September issue: Dredging: "Are global ports getting ready for the new Panama Canal?"
- Shipping and Marine UK: Issue Eleven: "No Dredging, No Ports"
- World Dredging & Mining: September issue: "Reclaiming New Land vs Developing Old Land"

REPORT OF THE BOARD 2012

WHAT WE DO: PROMOTING

LAUNCHING THE HOUSE STYLE

What's in a name? Or a logo? A name identifies the organisation; the logo reflects the values of the organisation.

For the IADC that means: International, trustworthy, environmentally responsible, dynamic. These are the enduring values of the IADC and the new logo and house style strive to express them.

Through colours and shapes: The greenish blue and yellow embody the intersection of land and water and green (environmentally conscious) aspects of the IADC membership.

These are the visual aspects. But the design and renewal of the IADC image is only part of the story. The functionality of the redesigned website has also been improved, taking advantage of newer technologies.

The website is more accessible, with better search capabilities. It is faster to download brochures and articles in general, but also onto smartphones, tablets and not just PCs. The new website is also easier for the IADC staff to handle and regulate themselves, saving time when posting newsletters and other information.

The IADC team, with input from the Public Relations Committee, worked steadily behind the scenes for months to develop this upgraded internet facility.

The unveiling of the product was far more spectacular: At the AGM before all the members a wall of yellow and bluish balloons covered the surprise and with a giant BANG! the wall exploded to reveal the house style presentation. Since September 2012 the house style has been adopted, step by step, business cards, letter-head, newsletters, press releases. The transition has been methodical, but the results have been bright and exciting and the metrics demonstrate that the IADC's communications with its target groups has improved.



REPORT OF THE BOARD 2012

WHAT WE DO: NETWORKING

NETWORKING IS AN INVESTMENT

The old adage says “Talk is cheap”. But in fact, talk is an investment in contacts, in conversations that open up lines of communication. Attending and organising conferences, participating in committees and cooperating with other maritime organisations, keeps the IADC involved with a broad spectrum of relevant activities. And in turn, gives other organisations a better understanding of the dredging community represented by the IADC.

“Networking” is the general word that describes this constant meeting-and-greeting, this on-going and basic activity. Networking is a means of cooperation with other like-minded organisations, to share information and mutually support each other’s endeavours.

Since the domain of the IADC membership extends globally, from Asia to Europe to the Middle East to South America, many staff members are often out of the office and in the field. Keeping the old contacts warm and lighting fires under new ones.

OUTREACH TO RELATED ORGANISATIONS

In 2012, looking at the increased dredging activity of IADC members in Latin America, the IADC sought new contacts on that continent. This resulted in a visit to the offices of the Inter-American Committee on Ports-Organization of American States (CIP-OAS) by the Secretary General. As of 2012 the IADC is now an associated member of CIP-OAS and they in turn have been supportive, using their own network to promote the IADC seminar in Brazil.

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, publishing books and presenting the IADC Young Authors Award to research students and young professionals. In addition, a sponsorship and media agreement was signed between CEDA and IADC/Terra et Aqua to support the upcoming WODCON XX in Brussels in June of 2013.

PIANC, based in Brussels, is another navigational group in which the IADC actively participates. This includes advising PIANC’s EnviCom and ProCom committees both of which are preparing publications on subjects pertinent to the dredging industry. Under preparation is “Dredging and port construction around coastal plant habitats”. The IADC is also a member of PIANC’s Permanent Task Group Climate Change. Whilst PIANC is a reliable and highly scientific community, their promotional skills are rather limited. In an effort to help PIANC reach a wider target group, the IADC has offered its communications and public relations knowhow to promote their worthwhile publications and projects.



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WHAT WE DO: NETWORKING

Since 2006 the IADC has contributed its legal expertise to the development and updating of the Fédération Internationale Des Ingénieurs-Conseils (FIDIC) Form of Contract on Dredging and Reclamation Work. In 2012 the IADC's Legal Committee submitted its review of the most recent update and is now awaiting feedback from FIDIC.

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

The membership of the International Association of Ports & Harbors (IAPH) is a targeted audience 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.

UNESCO-IHE has been a partner for many years in organising the IADC Seminars in Delft. In the course of 2012 the decision was taken to formalise this relationship in a Memorandum of Understanding (MoU). UNESCO-IHE has a comprehensive and impressive database of alumni, which could help expand the IADC and Terra et Aqua networks.

NETWORKING CONTACTS IN 2012

- European Dredging Association (EuDA)
- Fédération Internationale Des Ingénieurs-Conseils (FIDIC)
- Inter-American Committee on Ports-Organization of American States (CIP-OAS)
- International Association of Ports & Harbors (IAPH)
- PIANC and PIANC COPEDEC – Young Authors Award
- UNESCO-IHE Memorandum of Understanding
- WODA (World Dredging Association) comprising CEDA, EADA and WEDA - Young Authors Award presented at CEDA Dredging Days
- ABD (Brazilian Chapter of WEDA)
- WODCON XX sponsorship and media agreement

"THE INTERACTIVE EXCHANGE AMONG PARTICIPANTS THROUGH THE 'HANDS-ON' WORKSHOP WAS AN ESSENTIAL INGREDIENT IN THE LEARNING EXPERIENCE."

participant at IADC Seminar



IADC YOUNG AUTHOR'S AWARD

In 2012, the first IADC Young Author's Award for the best paper by young authors at designated conferences was given to Darshana T. Dassanayake at the PIANC COPEDEC VIII, held in Chennai, India February 2012 for his paper, "Important Engineering Properties of Geotextile Sand Containers and their Effect on the Hydraulic Stability of GSC Structures." Mr Dassanayake, who is originally from Sri Lanka and received his Masters from UNESCO-IHE, is a Research Associate and PhD candidate at Leichtweiss-Institut, Technische Universität Braunschweig, Germany.

Networking at PIANC COPEDEC in Chennai was extensive: A large exhibition area was present with many port authorities from Southeast Asia and Australia. An extensive social programme allowed more in-depth and informal one-on-one contacts. In addition, the presentation of the IADC Young Author's Award for the best paper written by an author under the age of 35, gave the IADC the opportunity to make itself known to many young scholars and their professors. Especially these young students now know more about the dredging industry and the career opportunities it offers.

The PIANC COPEDEC Conference was characterised by a great number of technical research papers by young engineering professionals, making the selection of a winner quite competitive. The winner was chosen with the assistance of the Paper Selection Committee headed by Prof. Kees d'Angremond

(the Netherlands), Prof. C. Pattiaratchi (Australia), Dr. Gary Mocke (South Africa), Prof. Ron Cox (Australia), Prof. Soren Kohlhasse (Germany), Prof. Tomoya Shibayama (Japan) and Professors V. Sundar and S.A. Sannasiraj (both of India).

A second Award was presented to Arnaud Verschelde at the CEDA Dredging Days, December, Abu Dhabi, UAE. As this conference was preceded by an IADC course, multiple opportunities presented themselves for networking amongst delegates to the conference and the course.

Mr Verschelde's paper "Erosion Behaviour of a Draghead" was written as part of his studies. In 2009 he obtained his bachelor degree of Marine Technology and is continuing his studies with a Master's degree in Offshore and Dredging Engineering. In 2011 he graduated from the Delft University of Technology Faculty of 3ME (Mechanical, Maritime and Materials Engineering). His graduation project was developed in cooperation with Dredging International NV, part of the DEME group. In 2012 his graduation project was selected as best graduation project of 2011-2012 by the Dutch engineers society "KIVI NIRIA" (Koninklijk Instituut van Ingenieurs). He is presently a Project Engineer Automation at DEME.

Part of the award is publication in Terra et Aqua. Dassanayake's paper was published in Terra, nr 127, June 2012, and Verschelde's paper in Terra, nr. 130, March 2013.



REPORT OF THE BOARD 2012

WHAT WE DO: CONNECTING



MEMBERSHIP IS A TWO-WAY STREET

The IADC's connections with its members go on throughout the year. Members acting on behalf of IADC increase IADC's visibility at more events. The support of IADC members for IADC's own activities is vital and highly appreciated. The interaction amongst the members is an essential ingredient in keeping the IADC a vibrant and well-respected organisation. The credibility of the IADC has grown considerably over the years and that credibility increases the reputation of the members.

COMMITTEES COMPRISED OF ENTHUSIASTIC MEMBERS

Without the input of IADC members, the IADC would be unable to successfully fulfil its work. Several committees have been established as needed, including The Registered Plant and Public Relations Committees, the Working Groups Indexation Cost Standards and Dredging in Figures, the Legal Working Group and the Lecturers Group for the IADC Seminars. In 2012 the Lecturers Group was expanded to include several new lecturers in order to meet the demands of the expanding seminar programme and accommodate some lecturers who are retiring.

NEW TEAMS OF LECTURERS DREDGING SEMINAR

Mr. B. Van Gent
Mr. R. Dijkema
Mr. P. De Nys
Mr. B. Malherbe
Mr. L. Verstraelen
Mr. P. Vercruijsse
Mr. F. Uelman
Mr. P. De Ridder

ENVIRONMENTAL SEMINAR

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

PUBLIC RELATIONS COMMITTEE

Mr. R. de Bruin
Mr. B. Groothuizen (chairman)
Mrs. H. Schellinck
Mr. M. Schuttevaer/Mr. A. Schikker
Mr. R. Vidal Martin
Mrs. A. Wittemans

EDITOR TERRA ET AQUA

Mrs. M. Cohen

STEERING COMMITTEE FACTS & FIGURES

Mr. H. Postma
Mr. Y. Daemen
Mr. P. Tison
Mrs. A. Wittemans

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

IADC STAFF MEMBERS

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

INTERNAL NEWSLETTER TO MEMBERS

The IADC newsletter is sent periodically to several hundred employees at member companies. The aim is to expand this readership base and improve contact with the more than 20,000 employees at member companies.

IADC SAFETY AWARD

Each year an IADC Safety Award is presented to a member company which has shown outstanding performance in the area of safety. The entries are always of high quality and the difficult decision to select a winner is made by the Board and is supported in the assessment by the Secretariat and Mr C. Ramkema. Mr Ramkema was formerly Head of Quality-Health-Environment-Safety at one of the member companies. This year's award went to DEME for its presentation, "CHILD – Colleagues Help Injuries to Leave DEME".

CAREER LINKS ON THE WEBSITE

Introducing potential employees to the member companies has been an on-going activity. In 2012 the IADC website was connected to the career pages of the members. Professionals visiting the IADC website can then click through to the respective members to look for vacancies.

STANDARDS OF PROFESSIONAL CONDUCT CONTINUE TO BE IMPORTANT

One of the longstanding "ties that bind us" is the International Association of Dredging Companies Standards of Professional Conduct. Originally formulated in Paris in 1965, they were updated in Venice in 2005. They are available upon request for members who wish to attach this document to their tenders.

ANNUAL GENERAL MEETING AND YOUNG MANAGEMENT DAYS

The Annual General Meeting and Young Management Days are two recurring events that receive intensive attention from the IADC staff. Each year both events demand extraordinary planning, with site visits to ensure that the venues meet the high standards of the membership. Coordinating the logistics, finding appropriate speakers as well as travelling to

the city where the events will take place require insight into the interests of the members. The AGM 2012 was held in Panama and proved to be especially appropriate as several members are working or had worked there.



REPORT OF THE BOARD 2012

WHAT WE DO: CONNECTING

HIGHLIGHT

AGM IN PANAMA

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.

At the AGM in September 2012, the first two – reporting and socialising – were brought to the fore with the theme “the Ties that Bind Us Together” and the unveiling of the new IADC house style. As part of this ceremony, new IADC ties were distributed to members, which many donned immediately – a show of support that was appreciated.

The venue for the AGM provided visits to some unique places. The two-part visit began at the historical Gamboa Resort, the site where the original Canal builders in the early 1900s were housed. The next day, the group sailed through the Gaillard Cut (Corte Culebra), crossed under the Centennial Bridge (Puente Centenario) and passed through the Pedro Miguel and Miraflores locks experiencing a total drop of 27 metres before sailing on to Panama City for the rest of the meeting. Highlights in Panama City included a visit to Casco Viejo, the historic district and a cultural gem, which was declared a World Heritage Site by UNESCO in 1997. The IADC was honoured by a reception from Mr. Jorge L. Quijano the new administrator of the Panama Canal Authority.



YOUNG MANAGEMENT DAYS

The 7th annual Young Management Days proved to be a smashing success. The meeting was held 13-15 June 2012 in Tallinn, Estonia. 26 representatives from 7 companies participated.

The event continues to gain in popularity amongst the members. The invitation to join the Young Management Days is made by each company from amongst their younger personnel. But the invitation comes with expectations: Each participant is given “homework”, from specially selected book titles which they are expected to read in preparation for the meeting. This preparation ensures that the discussions amongst participants achieve an added intellectual level as everyone who attends is prepared for a challenging learning experience – as well as some useful socialising and networking.

“IT WAS GREAT TO HAVE A CHANCE TO INTERACT WITH OTHER DREDGERS WHOM YOU OTHERWISE NEVER SEE.”

participant at the
Young Management Days



REPORT OF THE BOARD 2012

WHAT WE DO: CONNECTING

HIGHLIGHT

DEME RECEIVES IADC SAFETY AWARD

The Safety Award is always presented at the AGM and the recipient in 2012 was DEME for their entry “CHILD – Colleagues Help Injuries to Leave DEME”.

The presentation described in detail an accident which led DEME, from the highest executive offices through to the work floor, to evaluate their safety programme. Ultimately a new approach was implemented in which each and every employee must acknowledge their responsibility towards their colleagues to act with safety as the foremost bottom line.

This new safety programme is a constant and on-going exercise. It demonstrates that in the dredging industry safety has the highest priority. An article derived from the winning nomination was published in the December 2012 issue of Terra et Aqua.

“NOWADAYS SAFETY IS THE TALK-OF-THE-DAY ON EVERY PROJECT, EVERY DAY. BY CREATING THE RIGHT ENVIRONMENT FOR ITS CHILD, DEME IS PROVIDING A BRIGHTER, LONG-LASTING AND SAFER FUTURE FOR THE WHOLE FAMILY.”

Lieven Durt upon receiving
the Safety Award



REPORT OF THE BOARD 2012

OUTLOOK FOR 2013



In 2012, the global economic situation was uneven, with the growth rate in emerging countries and the US seeming to be somewhat stronger than in Europe. Within the dredging industry specifically, the IADC member companies remain at the forefront with a worldwide clientele: Their fleets are state of the art and they continue to invest in research and development for innovative technologies. Their modern ships provide clients with cost-effective advantages and environmental benefits as they work more efficiently than older vessels.

South America continues to awaken economically and non-traditional trade routes between China and Brazil as well as China-Africa are expected to grow. This new trend increases export-import trade between emerging countries and as this trade depends primarily on shipping, which is less expensive than air, it favours port development. In general the airborne share of trade is declining as the cost-efficiency of waterborne trade increases. In the long-term conditions for the industry remain positive.

An explanation on the Association's 2013 Budget can be found in the attachment "Budget 2013".

The Hague, 20 March 2013.
The Board of IADC





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