

DCA-Europe

22nd Annual Congress

„HDD-First“

04th - 06th October 2017



sponsored by:



Dordrecht 2017

Drilling Contractors Association (DCA-Europe)
Verband Güteschutz Horizontalbohrungen e.V.
Association des Entrepreneurs de Forage Dirigé



Preface

Dear Ladies and Gentlemen, Dear Members of the DCA,

For the first time in my new position I am allowed to invite you to DCA's annual congress.

I am looking forward to welcoming you to the Dutch city Dordrecht in province South-Holland from October 04 - 06, 2017.



Dordrecht was granted city rights in the year 1220 and thus is the eldest city of former Holland and second eldest of the Netherlands. Situated south-east of Rotterdam midst a branching stream landscape, Dordrecht offers a picturesque atmosphere with historic inland harbours and numerous monuments.

We are hoping that we can persuade you to join us at our congress with the prospect of a nice ambience of this event - albeit the enclosed lecture programme hopefully no less arouses interest. I thank all those that were involved in planning the programme, or those who will contribute a lot as lecturers, as well as the encouragingly large number of sponsors.

The guiding theme of this year's annual congress is "HDD First" - short and simple. Those recognising a parallel to a critically discussed slogan of the American election campaign might not be wrong. But contrary to politics, the DCA as representative of companies operating economically is somewhat more legitimated or even obligated to particularly foreground the interests of its members.

HDD First - in the field of trenchless pipeline technology HDD is the most widely used and the most efficient construction method. We want to work on keeping things this way; for that purpose we need to steadily enhance the quality and the reliability of our method even under difficult (for example geological) conditions. And we think that this congress programme will contribute some important input.

I am looking forward to meeting you in Dordrecht and wish us all a beautiful summer and successful HDD projects until then.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'M. Schnau'.

Marc Schnau, President

Congress theme: HDD-First



Design and construction over the years:
1980 - present

Contractual Risk Management of HDD Projects

Development of the offshore wind industry
and

„HDD Trouble-shooting“ - Panel discussion

Main Topics

Congress Language: English
Simultaneous translation: German and English

Wednesday / Thursday

Wednesday, 04th of October 2017

- 11.30 a.m. – „Check in“
06.00 p.m. hotel van der Valk Dordrecht
- 01.00 p.m. Lunch at hotel van der Valk
- 02.30 p.m. „Discover Dordrecht“



- 07.30 p.m. „Cocktail reception“
sponsored by van der Valk hotel
- 08.00 p.m. Dinner at hotel Dorint (Live Cooking)

Thursday, 05th of October 2017

- 09.00 a.m. **Welcome**
Dipl.-Geol. Dietmar Quante,
Executive Secretary DCA-Europe
- 09.15 a.m. **Welcome**
Dipl.-Ing. (FH) Marc Schnau,
President DCA-Europe
- 09.30 a.m. **Horizontal Directional Drilling -
Design and construction over the
years: 1980 - present**
Ir. H. J. Brink, N.V. Nederlandse Gasunie
- 10.15 a.m. **Development of the offshore
wind industry**
Willem Smelik, Meewind, Nederlande

- 11.00 a.m. Coffee break**
- 11.20 a.m. „HDD link" for 60 million users**
Alexandre Cambier, HDI
- 12.00 a.m. „OMG"**
John Doe, DCA
- 00.45 p.m. Lunch at hotel van der Valk**
- 02.30 p.m. „HDD Trouble-shooting" -
Panel discussion (Part 1)**
Moderator: Dipl.-Ing. F.-J. Kissing,
Open Grid Europe
- 03.30 p.m. Coffee break**
- 03.50 p.m. „HDD Trouble-shooting" -
Panel discussion (Part 2)**
Moderator: Dipl.-Ing. F.-J. Kissing,
Open Grid Europe
- 04.30 p.m. Summary - outlook**
- 07.00 p.m. Meeting Hotel Lobby –
Transfer by bus**
- 07.30 p.m. Cocktail reception at Steam
Ship de Rotterdam**
- 08.00 p.m. Dinner at the Steam
Ship de Rotterdam**

Friday

Friday, 06th October 2017

- 09.00 a.m.** **Everything you always wanted to know about wire line steering systems – but were afraid to ask**
Dan Billig, Prime Horizontal
Craig Rowney, Inrock International LTD
- 09.40 a.m.** **Contractual Risk Management of HDD Projects**
J. Kevin Mullins, Barrister-at-Law,
JKM Contract Management
Consultancy b.v.
- 10.20 a.m.** **Coffee break**
- 10.45 a.m.** **Danube River Crossing - Geotechnic (Part 1)**
Dr. Christoph Donie,
Dr. Donié Geo-Consult GmbH
- 11.30 a.m.** **Danube River Crossing - Execution HDD (Part 2)**
Dipl.-Ing. Günter Kruse,
LMR Drilling GmbH
- 00.15 p.m.** **Everything you always wanted to know about drill pipe, but were afraid to ask**
Thorn C. Huffman, Tiger Trading Inc.
- 00.45 p.m.** **End of program**
- 01.00 p.m.** **Lunch at hotel van der Valk**

**Registration:**

Please use the enclosed application form (1-3) for your registration. The registration is carried out about the DCA branch office (Fax +49 (0) 241 - 90 19 299, eMail: dca@dca-europe.org). The registration is binding. A confirmation of participation can not be send to you before the complete payment of your request of participation.

**Participation fee
for filling the application before
17th September, 2017**

DCA-Members* **490,00 €**

Hint: participation fee for the 2., 3., ... attendee per member company **450,00 €**

Sponsors* **450,00 €**

Non-Members* **790,00 €**

Exhibition* **80,00 €**

(only DCA Members, Sponsors free)

Companion program* **350,00 €**

(only companion)

* Inclusive costs for catering, hotel rooms extra, 50,00 Euro arrangement fee in addition if registration after the 17th September, 2017

„HDD Trouble-shooting“ Panel discussion

“You can avoid mistakes if you gain experiences. And you gain experiences if you make mistakes”

The DCA as technical association of the HDD industry has set the goal to create a kind of “failure management” among its members. The introduction to this topic will take place during a panel discussion. The first approaches are presented under the lecture "OMG". The subsequent panel discussion is based on a total of five topic complexes, which are presented by means of short lectures, both from HDD projects ≥ 40 t and from the area of small and medium-sized projects. The DCA Board hopes for an active cooperation.

Room Reservation

The DCA has booked a room contingent at the van der Valk Hotel Dordrecht. You can find the room costs below. The reservation is only available via the hotel (application form 4).

Contact Hotel:

Van der Valk Hotel Dordrecht
Laan Van Europa 1600
3317DB Dordrecht
Phone: +31 78 8700 800

Contingent:

Keyword: DCA Annual Congress 2017

Reservations via eMail:

eMail: sales@dordrecht.valk.nl



Single Room* 139,00 Euro

Double Room* 149,00 Euro

*price per night including breakfast additionaly local taxes. The room prices are only valid in connection with the congress mentioned above. Any early arrival or extensions are possible depending on availability.

Wednesday, 04th of October 2017

- 01.00 p.m. Lunch at hotel van der Valk
- 02.30 p.m. „Discover Dordrecht“
- 07.30 p.m. Cocktail Reception
- 08.00 p.m. Dinner at hotel van der Valk

Thursday, 05th of October 2017

- 09.15 a.m. Start by bus to the windmills of Kinderdijk
- 02.30 p.m. Liqueur workshop by Rutte & Zn
until 04.00 a.m.
- 07.30 p.m. Welcome at Steam ship de Rotterdam
- 08.00 p.m. Dinner at Steam ship de Rotterdam

Friday, 06th of October 2017

- 09.00 a.m. Leisure time
until 12.00 a.m.
- 01.00 p.m. Lunch at hotel van der Valk
- 01.15 p.m. Golftournament

Dordrecht - pearl of the polder landscape

The city of Dordrecht is the oldest city in the province of South-Holland with its 130,000 inhabitants. Nestled in a charming environment, it awaits its visitors with a medieval urban structure.

On the first day of our congress a tour of the city is organised. Dive into the exciting medieval past of Dordrecht – stories between politics and religion. **On thursday, the second day**, the participants will visit the world heritage Kinderdijk, until in the afternoon your creativity will be checked in a li-



queur workshop of distillery Rutte & Zn.

On the third day of the congress you will have free time on your own. For the afternoon the traditional golf tournament is planned.

Sponsors

**egeplast**www.egeplast.de**egeplast – Pipe systems safeguarding future generations**

egeplast is a highly innovative manufacturer of plastic pipe systems which has been setting standards for decades. Clients in more than 40 countries place their trust in egeplast consulting solutions and quality products for the transportation of water, gas and data. The customer portfolio of the owner-managed company includes some of the biggest and most challenging utility companies and network operators worldwide.

The products ensure the highest level of investment security. The main emphasis is on intelligent pipe systems for trenchless installation and rehabilitation methods. The SLM® 3.0 protective pipe system ensuring damage-free installation using alternative installation techniques guarantees a long life and efficiency for the network operator. It is also available as an SLM® DCT version featuring integrated quality monitoring for closed-trench installation. The SLA® Barrier Pipe is permeation-tight to protect drinking water and the environment. The 3L safety pipe system is a permanently monitored pipe system detecting and reporting damages. The HexelOne® SLM High-Pressure Pipe System is a DVGW-certified self-reinforced high-pressure pipe made of PE and can also be used for trenchless installation thanks to its protective layer and inner layer made of PE 100-RC.

To complement the pipes for every application, the egeplast product range includes matching egeFit® fittings and thus complete pipe systems from a single source.



www.deltares.nl

Deltares is an independent institute for applied research in the field of subsurface and water. Throughout the world, we work on smart solutions, innovations and applications for people, environment and society. Our main focus is on deltas, coastal regions and river basins. Managing these densely populated and vulnerable areas is complex, which is why we work closely with governments, businesses, other research institutes and universities at home and abroad. As an applied research institute, it is our goal that our expert knowledge can be used in and for society. For Deltares the quality of our expertise and advice comes first. Knowledge is our core business

All contracts and projects, whether financed privately or from strategic research budgets, contribute to the consolidation of our knowledge base. Furthermore, we believe in openness and transparency, open source works, is our firm conviction. Deltares employs over 800 people and is based in Delft and Utrecht.



www.drillguide.com

Brownline has developed the most advanced steering tool in the world and has drilled more than 10.000 HDD projects worldwide in the past 7 years. The Drillguide Gyro Steering Tool (GST) isn't affected by magnetic disturbances and provides the highest possible accuracy. Brownline is capable of drilling longer jobs by drilling from two places and meet in the middle by an underground intersection (longest job is 4.700 meters) with the Drillguide Radar System. Also it is possible detecting unexploded objects with the Drillguide UXOscope to guarantee a safe drilling job in high risk areas. Even at long jobs Brownline provides the best result with a centimeter accuracy thanks to the newest invention, the Drillguide GPS Tracker.

The DrillGuide steering tool is the most advanced navigation and guidance system on the market. After years of experience with magnetic steering tools, Brownline developed the GST using new technologies, in which gyroscopes play an important role.

The DrillGuide GST is the most accurate of all present day drilling navigation and guidance systems. It gives the drilling contractor the highest possible certainty to position the bore hole as required in the shortest possible time, with the highest level of accuracy.



www.gasunie.de

Gasunie is a European gas infrastructure company. We provide the transport of natural gas and green gas in the Netherlands and the Northern part of Germany.

Gas is an important source of energy in north-west Europe. To get the gas to the end-user safely and reliably, we have a high-grade gas transmission grid. Our customers use this grid to transport gas on to end-users and some end-users are directly connected to the grid.

Activities of Gasunie

All our activities are geared to facilitating the market, both the industrial and the domestic gas markets, in the Netherlands, Germany and further afield. This varies from providing gas transport to constructing new infrastructure, from participating in new projects to developing new services.

In all our activities we follow trends and requirements in the market closely. Our aim is to be able to offer our customers the best standard of service possible.

Gasunie has two subsidiaries that manage the gas transmission grid: Gasunie Deutschland in Germany and Gasunie Transport Services (GTS) in the Netherlands.

We also provide the market with gas storage facilities (EnergyStock), the pipeline to England (BBL) and the LNG terminal Gate at Maasvlakte. In addition, we facilitate and stimulate the green gas market through our subsidiary Vertogas. Producers and traders in green gas can use Vertogas for certification of their green gas.



Visser & Smit Hanab
Delivering Energy

www.vshanab.nl

Over one hundred years of experience and a proven record of service. **Visser & Smit Hanab** is a specialist in above-ground and underground pipelines and cable infrastructure. We develop, build and maintain links, networks and installations for water, energy, chemical and petrochemical production. Connection is in our DNA. And, we believe in making connections not only between pipelines and cable networks, but also with our clients. Joining together for a sustainable society. Core values in all of our projects: safety, integrity, quality and professionalism.

Visser & Smit Hanab's work terrain covers the development, engineering, construction and maintenance of above-ground and underground cable and pipeline networks and associated installations for energy, water, chemical and petrochemical production.

An impressive number of national and international projects and a proven record of service. With over a century of experience, Visser & Smit Hanab is a trusted name in the industry.

Vermeer



EQUIPPED TO
DO MORE.

www.vermeer.de

As an industrial and agricultural equipment company, Vermeer Corporation manufactures machines that make a real impact in a progressing world. **Vermeer** offers customers a full line of high-quality underground construction, surface mining, tree care, environmental and agricultural equipment. Vermeer machines carry a reputation for being built tough, built to perform and built for value.

Headquartered in Pella, Iowa, U.S.A., with affiliated companies and independent dealer locations around the world, Vermeer is committed to meeting customers' needs in more than 60 nations. Those customers are at the core of the business and supported by reliable, localized customer service and support provided by independent dealers. That support has been part of the culture at Vermeer for more than six decades.

Find more information about Vermeer Corporation, product lines, the dealer network and financing options by visiting www.vermeer.com.

Sponsors

www.gvlboringen.com**Company overview Gebr. Van Leeuwen Boringen B.V. (GvL) "Where innovation is tradition"**

Gebr. Van Leeuwen Boringen B.V. is a Dutch firm which specializes in trenchless installation of pipelines and cables. Since its establishment in 1969, Van Leeuwen provides sub-surface construction solutions for the installation of infrastructural networks, conduits to carry electric cables and pipelines for carrying (sewage) water, gas, oil and other products. Next to the installation of pipes, conduits and cables onshore, the firm specializes in shore crossings and landfalls. Through the years the company has built an extensive track record in the installation of pipes and cables under roads, railroads, waterways, dikes, buildings and other underground infrastructural networks in different types of soil conditions, varying from soft soil conditions to rocky areas.

GvL has gained wide experience in providing a complete range of services, from design and engineering to as-build delivery of trenchless routing projects, in support of governments, municipalities, (civil) contractors, electrical companies and oil & gas companies. In addition, the firm has experience in working under different types of contracts, varying from unit-base rate contracts to turn key contracts.

The GvL company is driven by a true hands-on mentality, where innovation and problem-solving thinking are the firm's core business drivers. Each trenchless routing project is known by its own characteristics for which van Leeuwen provides a specific, tailor-made solution. In sum, a reliable and professional partner for any trenchless routing project!

Areas of expertise

Van Leeuwen's major areas of expertise on trenchless techniques for the installation of cables and pipes include:

Horizontal Directional Drilling (HDD)

Direct Drill® (DD)

Micro tunnelling and pipe jacking



www.baroididp.com

Baroid Industrial Drilling Products (Baroid IDP), product service line, is an international network of sales and service engineers, laboratory scientists, and support personnel dedicated to servicing all facets of the non-oil well drilling industries. Baroid Industrial Drilling Products supplies a comprehensive line of drilling, grouting, plugging, abandonment and well rehabilitation and well development products specifically engineered to optimize performance and cost effectiveness to end-users in wide ranging and diverse markets.

Baroid IDP sales and service engineers average over 20 years' experience in several facets of the drilling industry. These individuals bring a comprehensive knowledge of products, drilling methods, regulations and equipment to help customers solve the toughest drilling problems facing your industry. IDP personnel can help in all areas of the drilling project. From product selection through well completion, Baroid IDP representatives are known for being there for the customer.



www.normag.nl

Normag develops and produces high quality systems for the Tunneling and Horizontal Drilling Industry. The company uses innovative technology based on many years of practical experience in the development and construction of HDD installations.

Main scopes in engineering are compact installations with high capacity, modular with best on market rig-up time, low environmental impact, low costs of ownership and high safety levels.

Normag manufactures installations both in series as well as custom-build. We offer packages where performance and capacities of various models match perfectly.

Recently our portfolio has been enlarged with two models of HDD rigs. These direct electric driven rigs have economical advantages as well as lower environmental impact, e.g. by reducing noise level.

Our solid control systems meet CSC certification and are therefore worldwide transportable on seagoing vessels.

Our customers are mainly HD drilling and tunneling contractors, some of our customers work on shore as well as offshore.

Meeting Place - Presenter

Meeting Place**Hotel van der Valk
Dordrecht, NL**

Laan Van Europa 1600
3317DB Dordrecht
Netherlands

Phone: +31 78 870 0800

Internet: www.vandervalkhoteldordrecht.nl

Presenter

Drilling Contractors Association (DCA Europe)
Verband Güteschutz Horizontalbohrungen e.V.
Association des Entrepreneurs de Forage Dirigé

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