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March / April 2015
.....

gaz what?



“Work is important,
but never so
important that we
cannot take the time
to do it safely” > 4

GDF SUEZ

BY PEOPLE FOR PEOPLE

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Our new website is live!
Please go to gdfsuezep.nl
and check it out.
Available in English
and Dutch.

@GDFSUEZ_EP_NL

If you want more
sustainability, you have
to act accordingly.
Visit our website to
read what we
do to reduce our
footprint.

@GroeneRuimte

In the news:
'Environmental Impact
Assessment (MER) for
exploratory drilling
for gas production north
of Schiermonnikoog
is complete.'

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Exploratory drilling for gas north
of Schiermonnikoog. Documents available
for inspection at: bit.ly/1F7caj0.

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We currently have
vacancies for
a Geophysicist and a Reservoir
Engineer! #jobs #vacature
#Zoetermeer.

@WaddenNieuws

Schiermonnikoog objects
to plan for drilling
rig close to the island
#Schiermonnikoog.

@rtvnof

Special attention for
nature in connection
with exploratory drilling
at Schiermonnikoog.

@GDFSUEZ_EP_NL

Lex de Groot, Exploration &
Development Manager E&D,
interviewed for Dutch news
about foam injection as an
innovative technique.



Gaz What connects people

Gaz What has a new look. And that is not all. We have added new sections, alongside the ones you already know. Another change is the editorial team: previously the magazine was made by the Management Team. Now the editorial staff consists of employees, because we believe it is important to communicate more from the inside rather than from the top down. This makes our magazine a link between all the people who are involved with GDF SUEZ E&P Nederland B.V. It connects all the employees in the first place, but also reaches out to external parties. Gaz What gives partners, stakeholders and potential new colleagues a good impression of how things work here.

However, enough about the renewal: it's time for the contents. The cover story of this Gaz What highlights the development in safety. This is an important topic as you all know. In Gaz Who we visit a colleague at his or her workplace. You get to know your colleagues better on a personal level when you read 'The hobby of ...'. These are just a few columns, because of course there is a lot more to read.

Enjoy your reading!

Ruud Bos
Managing Director GDF SUEZ E&P Nederland B.V.

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**WHO:**

Werner van der Meer

AGE:

52 years

ENTERING EMPLOYMENT:

2010

FUNCTION:

HSEQ Manager

LOCATION:

Den Helder (NL)

DETAILS:

On February 1st, 2015, Werner was appointed as HSEQ Manager for GDF SUZ E&P Nederland.

Think before you act

Werner van der Meer
on the importance of HSEQ

Werner van der Meer was appointed HSEQ Manager at GDF SUEZ E&P Nederland (GSEPNL) on 1 February. It is a challenging position with many responsibilities. "To begin with, each person is responsible for his/her own safety and health. Personal responsibility for safety is under the supervision of the line management. HSEQ monitors and advises on the safe organisation of the workplace and surroundings and safe working practices. The only way to implement the HSEQ policy harmoniously and involving all the employees is to make certain everybody has the necessary awareness. Good HSEQ results ensure that employees can perform their work with confidence, that damages are avoided and that the risk of incidents during work is minimised." →

Health, Safety, Environment and Quality at GSEPNL

As a support department, the HSEQ department plays an active role in new development, modifications and operational implementation. It systematically advises, monitors and inspects the safety, health and environmental performance in order to improve the GSEPNL HSEQ policy. The policy targets safe, healthy and environmentally responsible activities within the statutory parameters. This has been set out in the policy statement which explains the HSEQ aspects and is worked out in detail in the Management System.



Mike Bettonville, on behalf of the Works Council:

"The Works Council is also actively involved in safety. For example, we have set up a Safety Health Well-being and Environment committee (VGWM). This committee is formed by a number of Works Council members. Employees who are not in the Works Council can join as well. The VGWM wants to be engaged in the observation and analysis of issues related to working conditions. The aim is to promote the awareness of and approach to working conditions within the company and act as a sounding board for the staff and management."

Tom Langbroek, Production Manager:

"The essence of the safety message expressed by our HSEQ Manager Werner van der Meer is: 'Think before you act'. It already starts with the initial preparation of proposed activities. The recently introduced LMRA (Last-Minute Risk Analysis) makes it clear that it is highly important to think before you start working. Ask yourself questions like:

- Has the workplace been secured?
- Have all the risks that I foresee been discussed?
- Do I have the correct personal protective equipment?

Our creed is: work is important, but never so important that we cannot take the time to do it safely. In a production environment we work with energy in many forms, and we have to be aware of it every day. We have to do everything possible to control that energy as safely as possible."

→ Unpredictable reality

"An accident is not something you expect at any moment. Commonly people act in the belief that things will come to a good end, and nobody sets to work with the idea that something will happen to them. However, things can go wrong in practice. This is where the unpredictability of reality comes in. Risks could have not been identified properly or people are not even aware that risks are present. The better prepared we are, the more safely we can work. If we are familiar with the situation and the activities, if we know how to perform tasks and if we have learned to work together, then we reduce the chance that we will make errors of judgement."

Joint responsibility

"All employees are jointly responsible for HSEQ. The objective is to maintain a safe, healthy and environmentally friendly working climate. This is why facilities are geared towards safe and environmentally friendly way of working. Examples are clear information, work packages, clear working instructions, the use of appropriate Personal Protective Equipment (PPE) and work supervision in order to increase safety. Everyone must deal with the risks which are simply part of our activities in a responsible way. I do not only mean working with safe and approved equipment. Safe behaviour is just as important."

"If you want to stop unsafe actions or situations, you first have to know the problem"

Open climate

"The first step in promoting safe behaviour is to make a Risk Inventory and Evaluation (RI&E). RI&E identifies risks which are deemed to be acceptable. Involving employees in this activity makes safety problems a joint responsibility. The second step is to be aware of our role. Employees believe safety and health are important, and yet not everyone works safely all the time. If you want to stop unsafe actions or situations, you have to know the problem. This is why we try to create an open climate in which employees are able to say what bothers them or call each other to account. A positive approach creates a no-blame culture in which it also becomes possible to discuss unsafe behaviour. Only then can we find a solution together. The HSEQ department plays a facilitating role in this."

Exemplary behaviour is important

"Managers also have a responsibility in planning activities so that they can be carried out and inspected in a safe, healthy and environmentally friendly way. Exemplary behaviour is important in this respect. It does not alter the fact that all employees have their own significant responsibilities on board the platform. Work is important, but never so important that we cannot take the time to do it safely. Think before you act. We will continually emphasise this as the HSEQ department." •

The best idea

of GDF SUEZ E&P Nederland B.V.!

Health, Safety, Environment and Quality (HSEQ) are important topics, also for 2015 at GDF SUEZ E&P Nederland B.V. (GSEPNL). We would like to give them extra meaning together with you, because you can also contribute in this area. We are looking for good ideas and useful tips which will make our work safer, healthier or more environment-minded.

You can draw inspiration from your daily working environment. What kinds of things do you come across? Or what do you think could be done more easily? Can you think up a solution for it, or do you have a good tip? For example, for safety or the environment? What about your health and that of your colleagues? Can GSEPNL contribute in this area?

Send in your idea

It doesn't matter whether your idea is big or small, for offshore or for the office. As long as it is good! Do you have the best idea of GSEPNL? Send it to hse_department@gdfsuezep.nl and who knows, you might see your idea – maybe even already being implemented – in the next Gaz What. Still looking for inspiration? A few ideas sent in earlier are given below. •

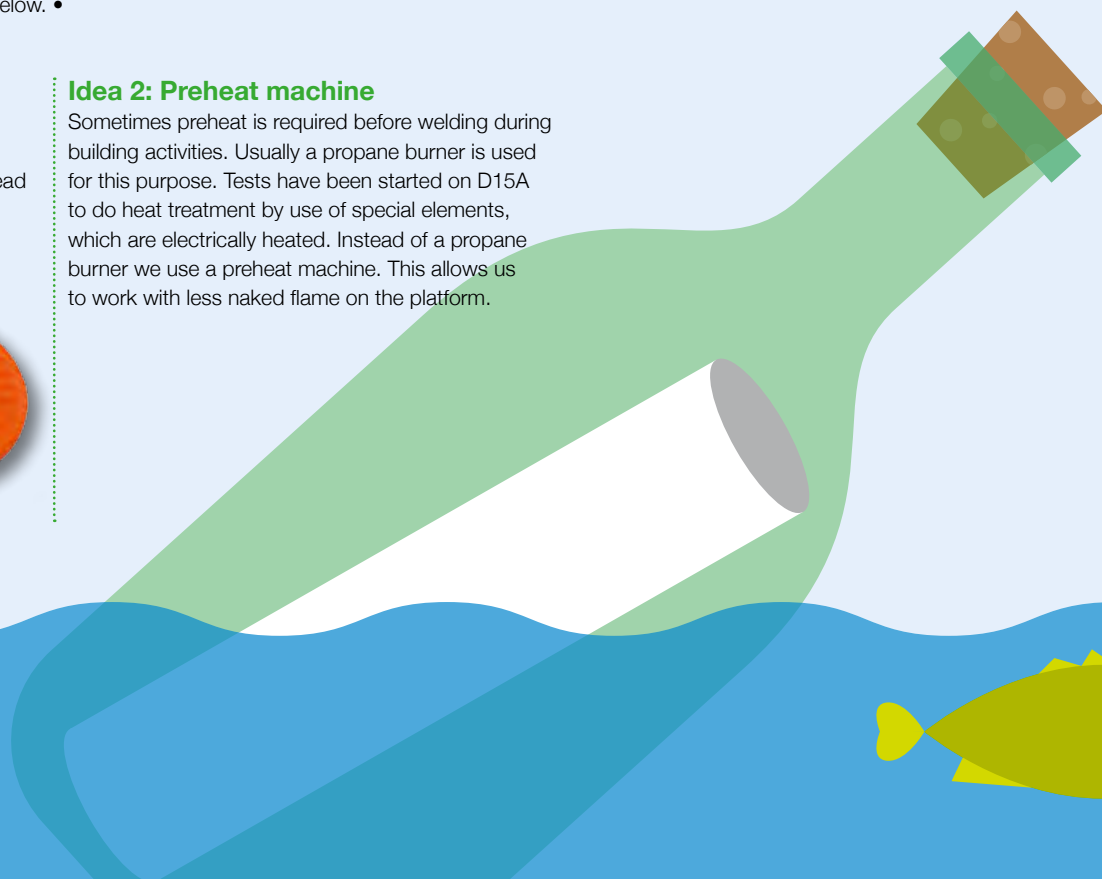
Idea 1: Safety knives

There have been a number of cutting accidents recently. Painters have to cut a lot: examples are tarpaulins and nets. If safety knives are used instead of Stanley knives, we can keep these incidents to a minimum.



Idea 2: Preheat machine

Sometimes preheat is required before welding during building activities. Usually a propane burner is used for this purpose. Tests have been started on D15A to do heat treatment by use of special elements, which are electrically heated. Instead of a propane burner we use a preheat machine. This allows us to work with less naked flame on the platform.



Nothing is predictable on the K9-B

WHO:
Marc Frome and Jan Knegt

AGE:
45 and 56 years

POSITION:
Operator Mechanic and
Operator E/I Tech

LOCATION:
K9-B

WORKING HOURS:
07.00 to 19.00 hours

DETAILS:
Marc and Jan work two weeks per month on the K9-B. They have to be available 24/7 in that period. After all, process malfunctions which need to be solved immediately can also occur between 19.00 and 7.00 hours. So, malfunction or no malfunction: every working day starts at 7.00 hours.

Marc Frome (Operator/Mechanic) and Jan Knegt (Operator E/I Tech) are two experienced colleagues who work together on the K9-B platform. The K9-B is an older satellite (a smaller production platform which is operated remotely) where not much has been automated and everything has to be monitored and organised from the location itself. They faced a big challenge in January. They were without power for a week due to a power failure. Jan: "I have never experienced anything like that in 27 years. Luckily our morale is good and we are disciplined in our work even without power."

Marc: "Jan and I regulate the process on the platform together, and I maintain the mechanical part of the process. One day you're adjusting valves and doing a major overhaul of a large Caterpillar 3606 gas engine for compression, and the next day you are scrubbing the accommodation and the toilets. Varied work, but never boring." Jan is Operator Electrical & Instrumentation (E&I Tech). "That double position was difficult in the beginning," he admits. "From an introvert techie who usually works on his own and delves into specific problems, you suddenly have to change into an extrovert jack-of-all-trades who has to communicate a lot more and manage other people as the person responsible for the platform."

Producing Safely

Marc: "The work on the satellite is varied. The main thing is to produce gas safely and for everyone to

behave according to the applicable rules. There are standard activities, such as the daily report in the Process Information Management System (PIMS), writing the permits and checking and analysing samples. In addition, you go through the planning with the Senior and discuss which job assignments can be performed." Jan and Marc also both have crane certification, and they take turns in unloading the boat. Jan: "Weather conditions, materials which are present, process malfunctions, faulty machines: nothing is predictable. You have to anticipate events assertively and flexibly. We certainly noticed that during the power failure. We were happy every time the sun came up: that meant we had won another day."

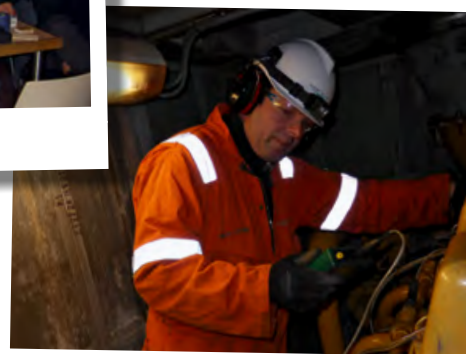
Good Catering

There is limited space on a satellite. There is one recreation room where they live, eat, read the newspaper and watch TV. A fitness gym is upstairs with a treadmill, bicycle and a weight bench. Housekeeping is also one of the duties of an operator. Every sixth man on a satellite is a cook/steward. If there are five people or fewer on board, they cook, wash and clean themselves. Marc and Jan take turns to cook and they both enjoy it greatly. Jan: "The catering is good, you can order many fresh products. Every so often we try a new recipe or experiment a little. We actually pay quite a lot of attention to our food." •



Getting by during a power outage

PL-K9ab-PB



Adjusting the gas engine



Jan, fixing a meal



Jan in the crane



Marc as Helicopter Landing Officer



Marc at the flare boom

"The sea is the
cradle of life"



■ Walk along the beach on any day and you will come across all kinds of things which were not there originally. Just a few of the most commonly found items are sweet wrappers, lids, ropes and nets. It should not be this way. That is why the North Sea Foundation (Stichting de Noordzee) has been doing its best since 1980 for a clean and sustainably managed North Sea. The foundation brings various parties together to find a collective solution for different problems. ■ Director Eelco Leemans also contacted GDF SUEZ E&P Nederland B.V. (GSEPNL) to see how they can strengthen each other. ➔



About Eelco Leemans

Eelco Leemans has been director of Stichting De Noordzee since 2010. Previously he was first mate with Greenpeace, among other things. His practical experience makes it easy for him to establish a bridge between the government and the business sector. It is his personal ambition to make others aware of how beautiful and special it is in the middle of the ocean, and that it is important to keep it safe.

→ Are companies open to cooperation?

"Yes, I notice that many companies no longer see a request from us as an attack on their business operations. You see that they are increasingly open to sustainable solutions and treating the sea differently. That's a good thing, since the sea is the cradle of life. These days it is also a 'licence to operate' for organisations, because you just cannot work without approval from stakeholders anymore."

What do you think of the activities of GSEPNL?

"E&P companies, also GSEPNL, work on seismic research. The blasts which an air pressure cannon produces make sound waves which reverberate. This aggravates the living conditions of dolphins and seals. It is more difficult for them to find their prey because of the frequency of hums. We recently held the first discussions with a broad group of organisations concerned to see whether we could solve or prevent this problem. GSEPNL also invited me to come and talk during a stakeholder breakfast. That shows they are really willing to improve."

Yet building a platform also creates new life?

"Certainly. Just as bunkers are the ideal refuges for bats, platforms are an ideal spot for soft coral. It can attach itself to the legs, also in wind farms, for example. We are currently investigating what should be done when a platform is no longer required. Do you take it away entirely, or do you leave parts of it standing to support the biodiversity?"

What would you advise GSEPNL?

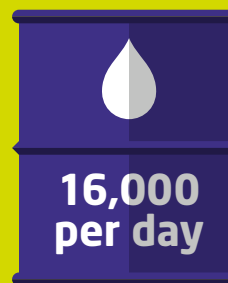
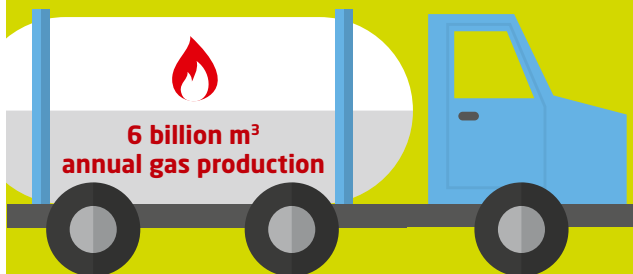
"I think it is good for GSEPNL to keep thinking about what kind of company it wants to be in the future. We all know that fossil fuels like gas and oil will run out one day. That is why it should be interesting for GSEPNL to continue to invest in technical research into alternative energy solutions such as wave or tidal energy. I believe that there will be various breakthroughs in energy in ten years or so, which will reduce our dependence on fossil fuels anyway." •

GSEPNL in figures

±350 permanent employees

50+

50+ years' experience



18 unmanned
satellite platforms

9 manned
platforms

4 main production
complexes

1 stand-alone
jacket

32
platform locations

5 subsea wells

**29 production
licences**

**15 exploration
licences**

Gaz Where?

GDF SUEZ E&P Nederland B.V. (GSEPNL) is continually on the go. Offshore and in the office, all kinds of things are happening to steer projects in the right direction and streamline processes. We use this section to bring you up to date on the latest state of affairs.



Management System 2.0

The Management System is a reflection of GSEPNL. This system contains all the activities and workflows, so that employees can perform their work properly and safely. Sandor van der Kuilen, Quality Advisor: "Management System 2.0 went live in January 2015. We have improved various points in it with respect to version 1.0. One improved area is the user-friendliness: documents, process information and operational information are now directly accessible. Access to the company model is also better. If you need to consult certain processes or documents often, you can save them as favourite. With just a few clicks of the mouse you can get the desired information. If information is not up to date, you can lodge a comment immediately. The step we are now taking together is to examine each section separately to see whether we can update and migrate the current department information into the Management System. That update action is essential to make information immediately available and thus improve quality. It is everybody's responsibility to ensure that Management System 2.0 is and stays up to date. I am there to provide support, but the line management itself is responsible for the contents."

Asbestos removal L10A

At 40 years of age, the L10A is the oldest platform of GSEPNL. In December 2014 the dining room, or galley, was due for renovation. The refurbishment work was started with great enthusiasm, but then workers came across asbestos sheets in the floor. This discovery made a big impact, according to Wessel Ganzevoort, Project Maintenance Coordinator Cluster 1: "Of course you get unrest about the situation, because asbestos is a serious matter. It requires a lot of explanation, to alleviate people's worries. There are also numerous practical issues. It is already not much fun if asbestos is discovered on land, let alone when it happens offshore. You get inspection from external bodies, you have to report it to the municipal authority, and you have to find an asbestos abatement company which is offshore-proof. Now we know that besides the dining room, we also have to clean up the cinema, the smokers' lounge, the helicopter lounge, the radio room and the sanitary facilities. Then those rooms can also be renovated. In any case, the dining room has now been done properly and safely!"



Drilling from the E17a platform

One of the projects which the Drilling department is currently working on is E17a-A5. This A5 well is being drilled from the E17a platform about 160 kilometres northwest of Den Helder. Final depth: 6,548 metres. Distance: 4,650 metres from the platform. Drilling Superintendent Henk Wierenga: "We have to use a heavy drilling rig for this deep, slant well. That is why we chose the 'Noble Regina Allen'. The pumps on the standard drilling rigs cannot handle these depths. Nor do they have the power to install the heavy pipes in the well. What makes this project extra challenging is that we have to steer the drill a bit in the right direction to avoid three possible high pressure zones. We will also make the well larger than normal. That allows us to drill from here to a different place if the results are disappointing. We have also considered the reduced production which every well has to deal with after a few years. The well will be constructed in such a way that we can give gas yield a boost relatively easily in the future."



Conversion on D15A

We have been working on an extensive conversion on the D15A platform for around a year. Senior Operator Martin Jansen: "The platform was previously operated via the so-called ABB system. That system became too small for our current requirements. The software of the operating system had also become very outdated. So it was time for a new system, and in our case it was Honeywell. The modernisation means a total conversion of the DCS ESD F&G systems (Distributed Control Emergency Shutdown Fire & Gas systems). This enables the monitoring to be passed on to the CCR (Central Control Room) in Den Helder. We are also tackling the power supply with a totally new MCC (Motor Control Centre). This kind of conversion does have quite an impact on daily work on the D15A. Usually there are nine of us, but now the crew has 24 members. Of course we have to do a lot of work: the cableways, cables and controls of equipment are being renewed, among other things. That is going to take around eighteen more months, and then the work should be finished."



Efficient working thanks to the SAP Portal

Sander Jansen, HR Services & Systems Supervisor: "We have been working with the SAP Portal since 2013 to submit declarations, record working time and register leave. It required a bit of adjustment, as the process is different to what we were used to. Despite the difficult start, the platform is now running well. That is very important for our organisation. SAP provides insight into data which is essential to important company decision-making. It also enables us to report the correct information to GDF SUEZ E&P International at the right time. The modified look

& feel has made the platform even more user-friendly. The portal also offers dozens of possibilities, but we are only using a fraction of them yet. That is why we are going to extend the platform in the time to come. For example, we will add a SAP-LSO section. This is a learning solution which all employees can use to register their training."

THE HOBBY OF MARK VAN SCHIJNDEL



Would you like
to know more about
Kingfisherlive?
Go to
kingfisherlive.nl.

Mark van Schijndel has been working for GDF SUEZ E&P Nederland B.V. for almost ten years. As Financial Analyst he is responsible for the reporting for the two offshore gas pipeline systems Noordgastransport B.V. and NOGAT B.V. In his free time he lets off steam as a singer in the band Kingfisherlive. We were curious and asked him about his special hobby.

What is it like to be a singer in a band?

"I have been a lead singer in the cover band Kingfisherlive for more than twelve years. That shows how much I enjoy it. The music we play is mainly rock. From Kings of Leon to U2, from Coldplay to The Black Keys. I also really like that kind of songs personally. I spend quite a lot of time on this hobby, and with great pleasure. I think I spend a total of about ten hours a week on it. That includes things like maintaining the website, updating the set list, rehearsals and performances themselves. We usually perform in music cafes, Irish pubs or at company festivities around Rotterdam and The Hague."

You have donated the proceeds from a CD to 3FM Serious Request, is that right?

"Yes, that's right. In 2013 we made a bid on an auction item to record a CD in three days. That dream materialised because we made the highest bid. Last year we recorded five numbers in a professional studio. We decided we should do the whole thing properly. A photographer took some great band photos and an advertising agency helped us with the design of the artwork for the CD cover. Finally we decided to donate the proceeds from the CDs to 3FM Serious Request. All in all, 2014 was a special year for us." •



8 March

City-Pier-City Loop

The CPC Loop was one of our employees' favourites this year again. No less than four teams ran the half marathon, while two teams went for the ten kilometre run.



12 March

Stakeholder breakfast

GDF SUEZ E&P Nederland B.V. organised its second breakfast meeting, this time with the theme 'The North Sea, Incubator of Energy Innovation'. The aim of these meetings is to enter into dialogue about the themes which connect different stakeholders. This time Coby van der Linde (Director at Clingendael International Energy Programme), Tjerk Wagenaar (Director of Stichting Natuur & Milieu) and René Peters (Director Gas Technology at TNO Energy) shared their views on interesting current developments in energy innovation on the North Sea. The meeting was well attended.

Visit of Isabelle Kocher

Director, Deputy CEO & Chief Operating Officer of the GDF SUEZ Group will visit the Netherlands to introduce herself and to discuss the current situation and the opportunities we see for the future with GSEPNL and also GDF SUEZ Energie Nederland and Cofely Nederland.

11 and 12 April

Walk through the dunes, run over the dike!

The Halve van Den Helder (a walking event in Den Helder) takes place on the weekend of 11 and 12 April. The walking event is on Saturday: a 21.1 kilometre walk through art and culture. On Sunday 12 April it is time for the runners to complete this half marathon. If a half marathon is a bit much for some runners, there is also a 13.7 kilometre route. Both events start at Willemsoord in Den Helder. Would you like to know more? Contact Mieke Zijlmans.

24 March

Lunch & Learn with Joop Coolen

Every year we organise Lunch & Learn sessions in which departments or external speakers bring the employees up to date on a current topic. Marine biologist Joop Coolen was the speaker at this lunch. In collaboration with IMARES Wageningen UR, Joop studies the biodiversity on and around offshore installations in the Dutch part of the North Sea. His doctoral research concentrates on mining installations but also on other infrastructure such as offshore wind farms, ship wrecks and natural reefs. Joop Coolen gathers samples of undersea life from different locations and production platforms of GDF SUEZ E&P Nederland B.V. As always, the session was well attended.



12 April

Rotterdam Marathon

The 35th Rotterdam Marathon takes place on 12 April 2015. The world's best will be among the thousands of runners starting on the Coolsingel to participate in this anniversary edition. The enthusiastic runners from GDF SUEZ E&P will take part in the marathon this year too. These colleagues have already run the CPC Loop.

Vincent Aubin

GDF SUEZ E&P Nederland B.V.

Xavier Bachimont

GDF SUEZ E&P International S.A.

Stephan den Bleeker

GDF SUEZ E&P Nederland B.V.

Marcel Hoogland

GDF SUEZ E&P Nederland B.V.

Stephane Lacote

GDF SUEZ E&P Nederland B.V.

Eric Portier

GDF SUEZ E&P International S.A.

Alexandre Tissier

GDF SUEZ E&P Nederland B.V.

Raoul van der Weijden

GDF SUEZ E&P Nederland B.V.



Colleagues during the CPC Loop

★ Anniversaries

JANUARY 2015

Arie Ratering (10 years)
Freddy Perdok (25 years)



I never thought
I would make ten years.
However, because at GSEPNL you
get a lot of freedom to manoeuvre
and also many responsibilities,
I'm still very happy to work here.

Arie Ratering (Head of Geophysics)

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➔ Entering employment

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Agathe Bucherie, Geologist
Ase Helland Sorskar, Project Coordinator

FEBRUARY 2015

Vincent van der Bent, Trainee Graduate
Development Programme

MARCH 2015

Arjen Pos, Quality Supervisor

➔ Leaving employment

JANUARY 2015

Jenny Borns, Seismic Interpreter
Anke Pots, Seismic Interpreter

FEBRUARY 2015

Noelia Vera Rubert, Reservoir Engineer
Freddy Perdok, Operator E&I Technician

