



PGK

Petroleum Geologische Kring

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Venue:	PGK's monthly meetings are held at the KIVI building, Prinsessegracht 23, Den Haag. Drinks are served from 17:00 hrs; the lecture starts at 18:00hrs.	www.pgknet.nl twitter @PGKring	
Membership:	Apply for membership through the PGK website. The annual fee is €15.-		
Accounts:	ABN/AMRO Bank: 88.65.82.733 (PGK, Den Haag)		

SEPTEMBER 2013 NEWSLETTER

SEPTEMBER 18TH 2013: PGK MEETING

The next PGK meeting after the summer recess will be on Wednesday, September 18th at the KIVI building, Prinsessegracht 23, Den Haag.

17:00-18:00 hrs: Social hour

18:00--19:00 hrs: Lecture by: Bastiaan Jaarsma (EBN) : **Exploring Dinantian Carbonates in the Dutch subsurface – from tombstone to cave** (also introduction to the fieldtrip)

SEPTEMBER 20 – 22ND 2013: EXCURSION TO THE DINANTIAN OF THE ARDENNES

The September field trip will focus on the Dinantian of the Northwest European Carboniferous Basin (NWECEB). The Dinantian is receiving increasing attention due to several facts. First of all three wells for geothermal energy have been drilled in an under-explored part of the Netherlands, close to the city of Venlo. It came to many people as a surprise that huge karstic horizons were encountered in the Dinantian limestones. These karstic horizons may provide new insight in the palaeogeographic development of the Dinantian limestones and lead to the identification of new prospective areas in the NWECEB. Secondly, several E&P companies and EBN and TNO are currently exploring the distribution of bituminous Dinantian limestones (e.g. Geverik Member) as a source rock for shale gas, in response to promising first results from drillings in the UK.

The field trip will visit the geothermal well site near Venlo on the way to the Ardennes. Evert van de Graaff, an experienced petroleum geologist who was on-site during the drilling of one of the geothermal wells, will accompany us during the trip. He will link the Dutch subsurface situation with the outcrops in the Ardennes. In the Ardennes we are further guided by Edouard Poty, who has gathered great experience in the Dinantian of the Ardennes and knows the best outcrops to visit.

The fieldtrip is fully booked, but members may be waitlisted in case of cancellations.

Participants, please see the website for details: <http://www.pgknet.nl/fieldtrips>



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OCTOBER 16TH 2013: PGK MEETING

The October PGK meeting will be on Wednesday, October 16th at the KIVI building, Prinsessegracht 23, Den Haag.

17:00-18:00 hrs: Social hour

18:00--19:00 hrs: Lecture by: Arjen Confurius (Total) on The Pistolet Survey: A Complex Marine 3D Seismic Acquisition

NOVEMBER 20TH 2013: PGK MEETING

The November PGK meeting will be on Wednesday, November 20th at the KIVI building, Prinsessegracht 23, Den Haag.

17:00-18:00 hrs: Social hour

18:00--19:00 hrs: Lecture by: Alan Williams (CGG) on The Role of Satellite Seep Detection in locating new offshore oil and gas fields; successful case histories from some of the world's hot spots.

NEW MEMBERS

Applications for membership have been received from Hayfaa Abdul Aziz (ENRES), Francien van den Berg (SGS), Peter van den Berg (ENRES), Erik Blikendaal (VU), Kirsten Brautigam (PanTerra), Jürgen Grötsch (Shell), Lucas Albada Jelgersma (Sourcewell), Tanya Goldberg (PanTerra), Andres Nunez Perez (Fugro), Iain Percival (Craggan Consulting), Natalia Popova (PanTerra), Ogechi Uzoerchi (Suffolk Petroleum), Femke Vossepel (Shell), Cees Willems (TU Delft), Anna van Yperen (ENRES). If no objections are received prior to or during the next meeting, they will be admitted as member of our society.

WEBSITE

The link to our website is www.pgknet.nl. Check there for the latest news on meetings, events, excursions, jobs, membership. If you come across interesting websites that may be of use to other members of the PGK, please send the URL to the web master (gijs.straathof@sgs.com), who will share them on the PGK website.

TWITTER

We are now on Twitter @PGKring. The account shall be used to announce events, send reminders for events and occasionally to re-tweet interesting items. So follow us on twitter!

LINKED-IN

We also have a group on linked-in (called PGK), that our members may join. Any member of the group is free to list subjects there. Requests to the secretary for linked-in contacts will be ignored, as the secretary function does not have a linked-in account.



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PROGRAM PGK MEETING WEDNESDAY SEPTEMBER 18TH, 2013**Address:** KIVI building, Prinsessegracht 23, Den Haag.

17:00 – 18:00 hrs: Social hour

18:00 – 19:00 hrs: lecture by:

Bastiaan Jaarsma (EBN)**Exploring Dinantian Carbonates in the Dutch subsurface – from tombstone to cave****Abstract**

The Dinantian Carbonate play is under-explored in the Southern North Sea and surrounding onshore areas. Relatively few wells have been drilled into this stratigraphic level and many of these wells had a different objective than finding hydrocarbons. As the state participant in exploration and production in the Netherlands, EBN is undertaking a complete review of this play. The objective of the review is prospectivity screening in selected areas in the Dutch on- and offshore, with the goal to find HC resources that supplement the declining production from the “traditional” Westphalian and younger reservoirs. In addition, the review will also improve the understanding of the unconventional Lower Carboniferous shale play in the Netherlands and adjacent areas.

A large regional seismic dataset and all relevant wells are being used in this evaluation. The well dataset includes the geothermal well CAL-GT-01, drilled in 2012. Below the Namurian Epen Fm, this well encountered a thick zone of strongly fractured, karstified and highly productive Dinantian limestone, very different from the tight Dinantian carbonate reservoir encountered in two other, recently released, wells. Furthermore, a large part of the limestone appeared to have been dolomitised by hydrothermal processes. These findings stress the need for a good understanding of the diagenesis, faulting and fracturing processes which take place after deposition of the limestone.

The presentation will firstly review the Dinantian Carbonate play, with examples from seismic and well data to illustrate the differences in the evolution of the various carbonate build-ups present in the Dutch subsurface. The dissimilarities in evolution have led to large differences in present-day reservoir quality, as proven by the wells. Also comparisons to relevant outcrops and producing fields with Dinantian carbonate reservoir in other countries are made. The second part of the presentation will discuss the prospectivity screening in the Winterton High area, straddling the UK-NL median line in the Southern North Sea. A cluster of interesting Dinantian Carbonate leads has been identified in currently unlicensed blocks, close to existing infrastructure.

Please post this page on your company's notice board. Members may be accompanied by guests!

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