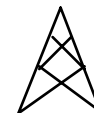


PETROLEUM GEOLOGISCHE KRING



KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

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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 18:00 hrs.	www.pgknet.nl	
Membership:	Apply for membership by contacting the secretariat. The annual fee is €15.-		
Accounts:	Fortis Bank: 88.65.82.733 (PGK, Den Haag)		

SEPTEMBER 2005 NEWSLETTER

21 SEPTEMBER: MONTHLY MEETING

The next PGK meeting will be on **Wednesday, September 21st, 2005**. As usual, social hour (free drinks) will be from 17:00 to 18:00 hrs. The lecture will be given by **Bert Manders (Fugro Robertson)** on:

**“UPS & DOWNS IN ZAMBIAN COPPER MINING;
Private versus State ownership or a classic Hubbert Curve?”**

Please see other side of this newsletter for the lecture abstract.

OCTOBER MEETING:

The October meeting will be held on **Wednesday October 19th, 2005**. As usual, free drinks will be served during the social hour (starting 17:00 hrs), followed by the lecture at 18:00 hrs. Please check the PGK website (<http://www.pgknet.nl>) or the October Newsletter (issued 2nd week of October) for more details.

NEW MEMBER:

Applications for membership have been received from Bas van der Es (Wintershall Noordzee). If no objections are received prior to or during the next meeting, he is automatically admitted as member of our society.



PETROLEUM GEOLOGISCHE KRING

KONINKLIJK NEDERLANDS GEOLOGISCH MIJNBOUWKUNDIG GENOOTSCHAP **PGK**

Monthly meeting: Wednesday 21 September 2005
Address: KIVI building, Prinsessegracht 23, Den Haag
Social hour: (free drinks) between 17:00 and 18:00 hrs
Lecture: at 18:00 hrs

“UPS & DOWNS IN ZAMBIAN COPPER MINING; Private versus State ownership or a classic Hubbert Curve?”

Bert Manders (Fugro Robertson)

ABSTRACT – Hydrocarbon is the top commodity nowadays, but 100 years ago base metals were the stock market's favorites. For instance, large sums were spent around 1900 on the railway to Katanga in Central Africa, where rich copper deposits had been discovered. A few decades later similar orebodies were being developed on the Zambian side of the border.

75 years economic history of Zambia's Copperbelt is the topic of this PGK-lecture. Worth attending, not only because it is a refreshing switch from the usual oil & gas, but also to honor about 50 Dutch geologists and mining engineers who have worked in Zambia between 1965 and 1980. Together with Calgary, the Copperbelt has been the most popular export destination for Dutch geoscientist.

Copper production in Zambia started in the 1930's, grew rapidly and peaked at about 0.75 million tons (Mt) in the mid-60's when the British colony became an independent one-party state. From there on, output made a dramatic decline to 0.20 Mt at the end of the century, when the state mines were sold to international companies. Production will have bounced back to 0.50 Mt next year. This talk presents various reasons for these Ups & Downs: Was it private versus state ownership, the copper price or just a classic Hubbert cycle, much like Holland's small fields gas production? Comparisons with copper producers Chile and Congo tells us how to avoid a repetition of history.

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

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