Petroleum knowledge for the world



Dr. Øystein Berg, Managing Director

In October 1989, Mr. Sigurd Heiberg and I were given the following mandate from the Norwegian Government: "Establish an organization which will facilitate knowledge sharing activities within petroleum management and administration for developing and industrializing countries. This should be done through tailored activities abroad and through longer courses in Norway that give insight into knowledge and experience from Norwegian petroleum management, administration and technology in addition to presenting Norwegian people, culture and nature".

The target participants were the leaders and coming leaders working for energy responsible authorities and national oil companies.

We can now safely say that Petrad has become a provider of 'Petroleum knowledge for the world' through knowledge sharing, capacity building, long and short term tailor made courses and seminars and in-house coaching and advice.

Through this newsletter we hope to continue the knowledge sharing and contact with old and new Petrad friends. We are proud to have such a fantastic 'global family'. We care for you and hope you care for Petrad!

Please keep in touch with us and your extended Petrad family all over the world.

Best regards Øystein

WHO WE ARE: PETROLEUM KNOWLEDGE FOR THE WORLD

was

initiated

Norwegian Ministry of Development

by

Petrad

Assistance, Norad and Norwegian Petroleum Directorate in 1989 as a pilot project and became an independent, non-profit making government foundation in 1994. **PETRAD** International for Petroleum Programme and Administration Management works to facilitate knowledge and experience sharing on petroleum management, administration technology with managers and experts in governments national oil companies world-wide. Petrad is situated in Stavanger, the oil capital of Norway, and shares offices with the Norwegian Petroleum Directorate and Petroleum Safety Authority Norway. part of the Norwegian contribution to development aid and internationalization of Norwegian petroleum industry,

Norwegian government and industry knowledge and experience managing the petroleum sector through capacity and competence development with a high level of expertise.

Petrad shares

Being able to draw on the combined resources of the Norwegian and International oil and gas industry, PETRAD is able to provide for knowledge and experience sharing between present and future leaders of the petroleum sector worldwide.

Petrad is thus able to assist developing nations with all of the elements of efficient petroleum resource management as well as promoting the Norwegian petroleum industry.

PETRAD is ethically and morally dedicated and obliged to share the Norwegian oil and gas experience with all nations that see this as a benefit

THE WORK WE DO: CAPACITY DEVELOPMENT FOR THE FUTURE

With the increasing requests for capacity building programs, PETRAD continues the unyielding journey of sharing the petroleum knowledge and experience Norway has gained over these last decades, thus also, improving along the way.

PETRAD has completed the 20th of the two annual 8-week programs which after all these years are still With sought after. impact testimonies stating the PETRAD makes on their nations, national oil companies, governments, and the civil society. proves – we do make a difference.

With teachings such as Oil – a curse or a blessing, we teach how the revenues can be managed in a rightful manner and how oil can strengthen a nation's economy, and benefit the people – we believe that this matters and that's what keeps us going.

With the continuous cooperation and support from The Ministry of Petroleum and Energy, The Ministry of Foreign Affairs, Norad and especially the Oil for Development

Initiative, PETRAD will proceed within in its realms and work on further expanding our knowledge, teachings and resource personnel so that the teachings will always reflect the present situations.

PETRAD – Øystein, Ellinor, Bengt, Gunnar, Claes, Nils Henrik, Anne-Kariin, Ragnhild, Anna, Monica, Fouzia and Mona.

Sharing and caring with Petrad for 20 years



Ellinor Melbye, Project Director

Since 1989 about 14.000 women and men have been participating from 103 countries in discussions, presenting their countries, sharing similar problems, solving difficult cases, and listening to detailed insights into political and operational challenges in the petroleum sector.

Our hope is that you have all taken with you back to your country, institution, department and office some new knowledge and some fresh ideas to help you in your specific job. In this way we hope we have helped you build a more transparent, safe and efficient petroleum industry in your country, contributing to sustainable development and benefiting all the population.

For those of you who have been able to join us on the 8-weeks programs here in Stavanger, we hope that you have good memories, not only of the sharing, but also of the caring part of these programs. Because at Petrad we do care that you like being in Norway, that you feel welcome here and that you are not missing your family and friends too much. And we care that you should be able to learn a lot, and be able to return home with a head full of new friendships, good impressions and happy memories. We in Petrad certainly have been lucky enough to feel the caring from your side — both for us and for the other participants. And it is because of this sharing and caring between us all, that the programs function so well.

We are looking forward to carrying on sharing and caring for the next twenty years with you and your colleagues.

All the best from Ellinor.

EASTERN AFRICA

Project Directors - Nils Henrik Fuglestad, Mona Wahlen, Gunnar Sjøgren

In 2011 Petrad will arrange Petroleum Data Management seminar no 5 for Eastern Africa, this time in Arusha, Tanzania. These seminars have had a good impact on the understanding of the importance of Resource Management in the region. Many countries, like Kenya, Uganda, and Zambia have started and are conducting projects in this area. Countries are learning from their neighbours and the cooperation has increased considerably in the region. Lately we are also bringing competence from Western Africa to the region-T

The capacity building programme, supporting the development and management of the petroleum sector in South Sudan, which was initiated in January 2010, has continued in 2011. A number of projects have addressed all aspects of the capacity building effort: policy and framework conditions, organisation and competence development, as well as infrastructure in terms of office facilities and ICT. The main achievements as of June this year have been to raise the basic understanding of the principles of sustainable resource management, and to establish the building blocks of an organisation as basis for the further development of the programme. These include a draft Petroleum Policy; a Petroleum Law proposal; lay-out and tender for an office building; and a proposal for a sector organisation structure in the Ministry of Energy and Mining.





EAST AND SOUTHEAST

Øystein Berg, Managing Director



Over the years, the largest numbers of Petrad activities have been in East and South East Asia where Petrad has arranged a total of 192 tailor-made courses and seminars for Government Authorities and National Oil Companies with a total of 8200 participants.

The activities have lasted from 2 days to 2 weeks and covered all topics within Petroleum Policy, Management and Administration, Technologies and Systems. 203 participants from the region have also attended Petrads' two 8-weeks programs in Stavanger, Norway. Many of these participants now have very senior positions within Government Agencies responsible for the Petroleum and Natural Resources in their countries and within National Oil Companies.

All Petrad activities in this part of the world are done in cooperation with CCOP (The Coordinating Committee for Geoscience Programmes in East and Southeast Asia) which is the organization for the resources management authorities in 13 countries in East and South East Asia and ASCOPE (Asean Council on Petroleum), the organization for the 9 national oil companies in South East Asia. CCOP also assists Petrad with the administration of all the activities in the region.

The Petrad activities in East and South East Asia are strongly supported by the Norwegian Ministry of Petroleum and Energy. Petrad cooperates closely with Intsok (Norwegian Oil and Gas Partners) on many activities in East and Southeast Asia. The two organizations are however different in that Petrad provides knowledge sharing on request from National Oil Companies and Government Agencies whilst Intsok promotes the competence and products of their more than 200 member companies on the basis of the Norwegian petroleum industry's world leading edge technology, systems and expertise.

Petrad also cooperate with University Teknologi Petronas (UTP) in Malaysia and facilitated an MOU between UTP and the Universities in Bergen and Stavanger in 2010. Petrad currently also provides assistance to PetroVietnam University (PVU).

The Petrad activities in East and South East Asia in 2011 are as follows:

- Deepwater subsea tie-back, Malaysia, 24-26 January
- Gas hydrates, Vietnam, 1-3March
- Strategies for public awareness and acceptance of CCS (EPPM), Thailand, 7-9 June
- Petroleum exploration and production in deep water, Vietnam, 12-14 September
- Improved oil recovery through drilling, well service and Integrated Operations, Indonesia, 6-7
 October
- Guidelines for decommissioning, Thailand, 20-21 October
- How to manage end of concession period (TBC), Thailand, 25-26 October
- Strategy for E&P operations, China (TBC), end of 5 -7 December













WESTERN AFRICA

Bengt Hope, Assistant Managing Director Gunnar Sjøgren, Project Director

Petrad has also arranged seminars on Petroleum Data Management in three executive years in Western Africa. Many countries in the region have participated. Regional seminars give us the opportunity to reach many countries and to present and discuss common challenges among several countries. All countries with petroleum activity collect data, and the management of this data is a common challenge. Countries like Nigeria and Ghana can also contribute to the development of good solutions in this sector in the neighbouring countries. A Regional workshop on Licensing and negotiation was also completed in May in Accra, Ghana. With the discovery and development of the Jubilee field in Ghana, Petrad is now involved in the on-going long term cooperation programs in Ghana working with capacity building activities within Petroleum Resource Management and Environment Governance. In addition we are also working with activities in Sierra Leone and Liberia at the moment.

LATIN AMERICA

Project Directors, Gunnar Sjøgren and Claes Reksten

Petrad has a long history in working with Latin American countries. Many countries have sent participants over the years to the 8 weeks course, and Petrad has also arranged courses and seminars in a number of countries. From 1997 OfU decided to open cooperation with Bolivia and Ecuador. Since then a number of activities have been conducted in the two countries. Bolivia is among the countries with status as "main" countries for cooperation. Together with NPD Petrad has arranges a number of activities within areas such as legislation, policy, capacity building, technical competence and organizational support. This work has included the two ministries, Hydrocarbons and Energy, Environment, but also the national oil company YPFB.

Ecuador is a mature oil producing country, and our projects have therefore had focus on the environmental effects of the petroleum activity, how to use best practice in all parts of the activity, how to increase production and management of petroleum data.

Petrad has also currently activities in Cuba.



MIDDLE EAST

Project Director, Claes Reksten

Petrad has on-going projects in primarily Lebanon.

PETRAD STAFF:



Bengt Hope, Assistant Managing Director



Claes Reksten, Project Director



Gunnar Sjøgren, Project Director



Mona Wahlen, Project Director



Nils Henrik Fuglestad, Project Director



Anne-Kariin Olsen, Head of Administration



Ragnhild Oxfjell, Senior Project Coordinator, Eastern Africa



Anna Wallerstedt, Accounting Coordinator



Monica H. Tungland, Admin. Officer Latin America



Fouzia O. Ali, Admin. Officer Western Africa

PETRAD CAPACITY BUILDING PROGRAMMES

PETRAD's activities' schedule for the first 6 months of 2011 has been quite busy. We have up to 1st July had approximately 40 activities in a number of countries, such as, Bolivia, Cuba, Ecuador, Ghana Kenya, Lebanon, Malaysia, Sudan, Thailand, and Vietnam. We have also had numerous delegation visits to Norway, to name a few, Ghana, twice, Grenada, Indonesia, Nigeria and South Sudan.

Some of the current plans for Capacity Building programmes outside Norway during the second part of 2011 are as follows (by invitation only):

ACTIVITY	MONTH	COUNTRY
AFRICA HR development Resource Management HR development Resource Management 5 th Data Mngt. for Eastern Africa (regional) 4 th Data Mngt. for Western Africa (regional) Good Governance & Anti-corruption	Aug/Sep Nov/Dec September November December	Ghana Ghana Tanzania Ghana West-Africa
ASIA Fiscal management Tight Gas Deep Water Technology Seminar on EOR Decommissioning – ASCOPE Tail end production – DMF	August August September October October October	Lebanon China Vietnam Indonesia Thailand Thailand
LATIN AMERICA Deep water drilling Environment	September October	Cuba Bolivia

We expect there will be many requests for capacity building activities for South Sudan after their Independence Day on 9th July, but these plans are understandably not settled yet.

We will as usual arrange our two annual 8-week courses, which take place in Stavanger, Norway from 19th September till 10th November.

In addition there will be short workshops requested by different petroleum authorities and visiting delegations.

Our activities are subject to requests and requirements in various countries, so your suggestions to activities and to topics to be covered for your country are most welcome.

Dear Petrad friends, we would like to know more about your activities and endeavours! Let us know how your processes are going and kindly forward you emails to foa@petrad.no

For further information concerning us, kindly see our website: www.petrad.no