

1989 - 2016

Capacity Development Activities by Country

Since its establishment, Petrad has facilitated more than 700 capacity development events in over 50 countries. More than 27 000 participants from over 100 frontier or experienced petroleum nations have learned and shared knowledge with the Norwegian experience as a starting point.

In general, participants represent petroleum authorities or national oil companies, where they hold positions in line for, or at a management level at the time of participation. Feedback has proved that the facilitated processes, the training events and the network have contributed to strengthen capacity development of the participants' institutions as well as individual competence enhancement.

Petrad capacity development activities

	COUNTRY	TOPIC	VENUE	DATE
1.	Afghanistan	National Petroleum Development	Afghanistan	1-2/4 2008
2.		Environmental management & auditing – 6 weeks training	Kabul	MarSep. 2009
3.		Training in English language for 17 persons from MOM, Afghanistan	Kabul	11/2009 – 5/2010
4.	Algeria	E&P Petroleum Contracts and Negotiations	Algiers	25-27/10 2016
5.		Petroleum economics and decision support	Algiers	28/11-1/12 2016
6.		Petroleum Project Management: Principles and Practices	Algiers	18-21/12 2016
7.	Angola	Petroleum Resource Management	Luanda	13-18/8 1990
8.		Petroleum Resource Management	Luanda	4-6/11 1997
9.		Seminar on Oil – Fish - Environment	Luanda	27-29/10 2009
10.		Regional seminar on Petroleum Operations, Environment, Fisheries	Luanda	26-28/10 2010
11.	Azerbaijan	Reservoir Management	Baku	8-12/9 1997
12.		Project Management Seminar	Baku	12-14/5 1998
13.		Exploration decision making	Baku	15-18/2 2000
14.		Exploration decision making	Baku	15-18/2-2000
15.		Management and Operations of Gas Pipeline Systems	Baku	7-11/5 2001
16.	Bangladesh	Petroleum Resource and Safety Management Issues	Dhaka	1-5/12 1996
17.		Seminar on Negotiations	Dhaka	2-4/12 1996
18.		Reservoir Management Seminar	Dhaka	23-26/4 2001
19.		PSCs and Fiscal Regimes	Dhaka	6-7/8 2001
20.	Bolivia	Establishing a new program	Bolivia	9-11.12 2008
21.		Workshop on Environmental Challenges in Bolivia	Mallasa	11-12/2 2009
22.		Meetings YPFB – reconstruction of national oil company	La Paz	18-22/1, 2010
23.		Organization structure YPFB	Santa Cruz	February 2010
24.		Organizational Development and corporate governance Workshop I	La Paz	9-12/2 2010
25.		YPFB Exploration Workshop	Los Tajibos	28-30/4 2010
26.		Training needs assessment	La Paz	6-9/6 2010
27.		Meetings on Training measures	La Paz	8-10/9 2010
28.		Regional Petroleum Data Management	Santa Cruz	15-17/9 2010
29.		Petroleum Data Management, National Data Repository (NDR)	Santa Cruz	26-28/10 2010
30.		Basin Analysis	Santa Cruz	29/11-3/12 2010
31.		Meetings with MHE, UMSA,YPFB and president Villegas concerning training needs and Petrad activities for Bolivia	Bolivia	8-10/9 2010
32.		YPFB- Organizational development	Santa Cruz	26-28/1 2011
33.		Workshop for YPFB, Project Based Learning, Status meetings. (project Carohuaicho (block 8)	Camiri	31/1-4/2 2011
34.		Visit to Bolivia on Environment Management	La Paz,	13-15/2 2011
35.		Data Management – Follow up	Santa Cruz	11-14/4 2011
36.		Data Management Assessment	Santa Cruz	11-15/4 2011

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 37. 27/4-5/5 2011 Project assessment / meetings Santa Cruz 38. **Environment Visit to Bolivia and Ecuador** Santa Cruz, 30/5 - 6/6 2011 Bolivia & Quito, Ecuador 39. Log and Seismic Interpretation Santa Cruz 6-10/6 2011 40. 8-12/8 2011 Data Management Santa Cruz 41. La Paz & 6-14/10 2011 **Data Management** Santa Cruz Project Based Learning (project Carohuaicho 42. Camiri 7-11/11 2011 (block 8) 43. Geophysical education of YPFB personnel -11-15/6 2012 La Paz Seismic Exploration Corporate Organizational Structure and 02-6/7 2012 44. La Paz Management Model Stratigraphy and Depositional Facies 02-6/7 2012 45. Santa Cruz 46. **Organization - YPFB** La Paz 02-6/7 2012 Petroleum Data Management 47. Santa Cruz 11-18/9 2012 48. Visit to Bolivia La Paz 12-19/9 2012 49. Basic Reservoir Engineering - AGR - UMSA La Paz 17-21/9 2012 50. **Technical Advisory Norwegian Cooperation** La Paz 1-5/10 2012 51. OILSIM - UMSA and UAGRM La Paz 8-19/10 2012 52. **Kingdom Training** Camiri 15-19/10 2012 53. Basic Reservoir Engineering - one week training 25/10-1/11 2013 La Paz 54. 7/9 2007 Brunei ASCOPE Workshop on CO2 technology and Brunei Darussalam storage - in connection with ASCOPE-meeting Darussalam 55. Cambodia Petroleum Policy & Management - I Phnom Penh 3-7/3 1997 56. Petroleum Policy & Management - II Phnom Penh 29/5-5/6 1997 **57. Petroleum Exploration Development** Phnom Penh 3-6/12 2002 58. Training Needs Assessment - TNA Cambodia June-Dec. 2004 59. Conference in Phnom Phenh Cambodia March/April 2008 60. Cameroon Analysis of PSA Cameroon November 2004 61. China Petroleum Policy and Management 24/4-10/5 1995 Beijing 62. Health, Safety and Environment - HSE Beijing 3-5/6 1996 63. **Commercial Contracts Management** 21-15/4 1997 Beijing 64. Gas Policy, for Sustainable Growth in the East 22-25/9 1997 Shanghai China Region 2-6/12 1997 65. **Advanced Reservoir Management Kunming** 66. 30/11-5/12 1998 Reservoir Management II Guilin **67**. Decision making process and Economic Rushan, 11-15/5 1999 Evaluation in Petroleum Exploration Shandong Development technology for Offshore Oil and 68. Xian 2-6/8 1999 Gas Fields **E&P** Data Management 29-30/11 2000 69. Qingdao Marginal Field Development 70. 10-14/9 2001 Shekou **71**. Marginal Field Development **Daqing** 17-19/9 2001 **72.** Deep Water Technology 8-10/4 2002 Guangzhou 73. Advanced Technology for Offshore Gas Fields 9-11/10 2002 Chengdu Development

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 74. Shanghai 2-4/4 2003 Risk Management 75. Reservoir Management and Technology **Kunming** 12-15/1 2004 (CNOOC) **76.** Operations and Maintenance Management Tanggu, Tianjin, 8-12/3 2004 **CNOOC** 26-29/7 2004 77. **HSE Management (CNOOC)** Tanggu, Tianjin **78.** Geochemical Exploration (SINOPEC) Huangshan 9-13/8 2004 **79**. Challenges in Deep Water Exploration, Drilling Sanya 12-15/1 2005 and Exploitation Technology 80. **IOR/EOR Technologies** Tanggu, Tianjin 11-14/1 2005 81. Drilling, Downhole Techn. and Well Service **Tianjin** 24-26/4 2006 Petroleum Policy and Management 82. Chengdu 14-19/8 2006 83. China, 8-week course alumni Beijing 16-17/10 2006 High CO2 reservoir development and 23-25/11 2006 84. Guilin management High Pressure High Temperature (HPHT) Xi'An 24-27/9 2008 85. **Development and Drilling Technology** 23-26 June, 2009 86. Petroleum Resource Assessment Qingdao 24-26 August, 2009 87. Technology for exploration of non-structured Dalian pools EPPM Workshop on Natural Gas Field with 15-1/9 2009 88. Chengdu High COH2S/CO2/HTHP 89. Petroleum Policy and Management Guangzhou 1-3/6 2010 City, The global depositional evolution and Wuyishan, 90. 23-26/11 2010 petroleum system events of main foreland **Fujian Province** SINOPEC E&P Operation Strategy 5-8/12 2011 91. Xiamen City 92. Cuba 27-30/5 2002 Deep water technology seminar Havana 93. Assistance to technical seminar Havana 16-19/12 2002 94. **Environment & Safety Workshop** 1-3/12 2010 Havana 95. Workshop on Monitoring and Supervision of 21-23/3 2011 Havana **Environment and Safety** 96. Workshop on safety and Environment: Havana 25/5-1/6 2011 Management, risk and Emergency Response 97. Seminar on Deepwater Drilling Operations Havana 19-23/9 2011 Workshop on contingency planning and 98. Havana 22-26/10 2012 emergency response 99. Policy and Legal Framework for Upstream Havana 18-22/2 2013 Petroleum Resource Management 100. **Local Content** 3-6/6 2013 Havana 101. Data Management Havana 22-25/10 2013 Sharing Experiences in Resource Governance 102. Havana 4-29/4 2016 (4weeks training programme) 103. **Cyprus** Presentation and panel discussion re the Limassol 20/4 2015 Norwegian petroleum experiences 104. **EAC** East African Promotion Forum. Advisory February, April, Kenya, Uganda, activity Tanzania June, November & December 2002

Petrad capacity development activities				
	COUNTRY	TOPIC	VENUE	DATE
405	1			/0 -000
105.		East African Promotion Conference. Advisory activity	Nairobi, Kenya	5-7/3 2003
106.		Planning assistance to EAC Petroleum Conference.	Kenya, Uganda, Tanzania	June-Dec. 2004
107.		Assistance to EAC Petroleum Conference	Arusha, Tanzania	2-4 March 2005
108.		DM follow-up Kenya, Uganda og Zambia	Nairobi, Entebbe Lusaka, Zambia	19-24/04 2009
109.		Management of Hydrocarbons in the East African Community	Naivasha, Kenya	26-28/10 2014
110.	Ecuador	Governance, Revenue Management & Environment in Petroleum Sector	Ecuador	7-9/11 2007
111.		Workshop, Petroleum Development	Quito	5-7/5 2009
112.		Coordinating meeting- Minas y Petroleos, Ambiente og PetroEcuador	Quito	16-17/2 2009
113.		Agreement between PETRAD, Iris, EP PetroEcuador for Technical Assistance and transfer of technology for IOR	Quito	January 2010
114.		IOR meetings and small workshop	Quito	11-17/1 2010
115.		Resource Management	Quito	1-4/2 2010
116.		Workshop on Petroleum Development and IOR	Quito	22-25/3 2010
117.		Workshop on Gas Management	Quito	22/3 2010
118.		Workshop on Waste Management	Quito	24/3 2010
119.		Workshop on Data Management	Quito	25/3 2010
120.		Workshop and meetings on IOR for delegations from the cooperation organisations	Quito	15-20/4 2010
121.		Meetings on IOR issues, steering committee and Guayaquil gas issues	Quito	March 2010
122.		Meetings on IOR issues, steering committee and Guayaquil gas issues	Quito	June 2010
123.		Workshop on Gas Development	Machala	7-11/2 2011
124.		Visit to Ecuador on Environment Management	Quito	10-12/2 2011
125.		Steering committee meetings	Quito	12-17/2 2011
126.		Visit to Ecuador on Technical Cooperation Ecuador – Norway	Quito	15-17/2 2011
127.		1 st regional seminar on Petroleum Data Management for South America	Quito	21-25/3 2011
128.		Project assessment IOR	Quito	4-12/4 2011
129.		Data Management Assessment	Quito	5-8/4 2011
130.		IOR Assessment	Quito	7-14/4 2011
131.		Environment Management Visit	Quito	27-29/4 2011
132.		Environment Management Visit	Quito	16-17/6 2011
133.		Regional seminar on Environmental, social & climate change challenges etc. in Amazon	Quito	20-24/6 2011

Region

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 134. **England** Iraq 7-weeks English course (part of 18 weeks December 2006 Cambridge 19-21/6 2012 135. **Ethiopia** Visit from Ethiopia - management of natural Stavanger resources 136. Eritrea Accounting Seminar 26-30/8 1996 **137**. Gabon TNA and Development Libreville 10/3 - 31/12 2013 138. Gambia Petroleum Management Banjul 6-7/12 2000 139. Ghana Workshops on Resource Management Accra 2-4/12 2003 140. Petroleum Management Seminar Ghana 27-29/2 2008 Legal, Revenue and Environment Management 141. Regional Seminar on Petroleum Data 17-21/11 2008 Akosombo Management for Western Africa 142. Effective Management of the Ghanaian 2-4/7 2008 Ghana **Petroleum Sector** 143. Oil and Gas Environmental Governance needs 1-3/12 2009 Accra 144. Petroleum Resource Management, 17-19/2 2010 Accra Needs assessment 145. Inception workshop, HR Dev. in Petr. Sector, 8-14/9 2010 Accra Ghana 146. 3rd Regional Data Management seminar for Elmina 8-12/11 2010 Western Africa 147. Human Resource Development - Policy Accra, 29/11-8/12 2010 148. Inception workshop on Strengthening Accra & 1-2/2 2011 **Environmental Management** Takoradi 149. HR Development in Petroleum Sector, Ghana 14-18/2 2011 Accra Workshop 1: Licensing, Exploration & Monitoring HR Development in Petroleum Sector, Ghana 20-23/2 2011 **150**. Elmina Workshop 2 for Managers: Licensing, Exploration & Monitoring 151. Revenue Management, 22-24/3 2011 Accra Fact Finding Mission -Participation 152. Study on establishing Training HUB in Western Norway and May-Dec 2011 Accra **153**. Regional Workshop on Licensing and 2-6/5 2011 Accra **Negotiations** 154. Workshop on Petroleum Economics Accra 4-6/5 2011 HR Development in Petroleum Sector, Ghana **155.** Accra 9-13/5 2011 Workshop 1: Field development & Planning HR Development in Petroleum Sector, Ghana **156.** Accra 15-18/5 2011 Workshop 2 for Managers: Field development and Planning **157.** HR Development in Petroleum Sector, Ghana 5-9/9 2011 Accra

Western Africa

Workshop 1: Production phase. Authorities'

Regional workshop on Data Management for

Elmina

7-11/11 2011

158.

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 159. 21-25/11 2011 Workshop on HR Development in the Accra Petroleum Sector of Ghana: Simulation of the Petroleum Value Chain 160. HR Development in Petroleum Sector, Ghana Accra 30/11-2/12 2011 Workshop 2 for Managers: Total Value Chain creation process 161. Regional Workshop on Good Governance and 5-8/12 2011 Accra Corruption Prevention in the Petroleum Sector 162. Regional workshop on Good Governance and 6-8/12 2011 Accra corruption prevention Western Africa 31/10 - 9/11 2012 163. Understanding the petroleum sector and Accra challenges 164. Training for Petroleum Commission, Phase 2 Korforidua 20-22/02 2013 165. Workshop on Resource Management for EPA, 12-13/3 2013 Accra Environmental Protection Agency, Ghana 166. Workshop on Exploration, Development and Elmina 21-27/05 2013 Production 167. Workshop on Petroleum Legislation, Revenue 17-21/6 2013 Sogakope Management and Organization 168. Parliamentary Comm. on Energy and Mines Stavanger 14-18/10 2013 169. 19/5 - 2/6 2014 Ghana establishing the financial module Accra 170. Basic Petroleum Knowledge Accra 27-30/05 2014 171. Petroleum Revenue Management Training 25-27/11 2014 Accra Offshore Decommissioning Workshop 172. Accra 25-27/10 2016 **173**. India Management of Industrial Safety Legislation 24-28/9 1990 New Delhi Workshop 174. Workshop on the Oil Industry and the Marine Goa 22-27/10 1990 Environment 175. Maintenance and Management 28/10-8/11 1991 176. Management of Safety Risks: **177.** For Onshore Petrochemical Industries Madras 15-30/11 1991 2-6/12 1991 178. Upstream Petroleum Risk Assessment Madras 179. Petroleum Legislation New Delhi 16-18/1 1996 180. Workshop on Negotiations New Delhi 9-11/12 1997 181. Resource Management New Delhi 12-14/2 2002 182. Deep Water Seminar New Delhi 25-27/3 2003 183. Recent Advances in Exploration and Delhi 29/11 - 1/12 2004 **Exploitation Technologies (DGH)** 184. New Delhi **IOR/EOR Technologies** 14-16/11 2005 185. New Delhi Offshore Safety Auditor Training 12-23/3-2007 Indonesia 186. The Importance of Maintenance 21-22/5 1990 Jakarta 187. Maintenance and Management Bandung 14-26/1 1991 188. **Environmental Management and Impact** 9-13/12 1991 Assessment 24-27/2 1992 189. **Quality Assurance Management** 190. Safety Management Jakarta 25/1 1993 (One day top management briefing) 191. Crude oil and products marketing in 4-5/5 1993

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** the Asia-Pacific region 192. Managing the Development of a Petroleum 28/6-9/7 1993 Installation 193. Securing Efficiency in Petroleum Operations 10-14/7 1995 Semarang 194. Pipeline Safety & Maintenance Yogyakarta 31/10 1996 195. Computer Based Training - Advantages and 1/11 1996 Yogyakarta Limitations. Experiences from North Sea Offshore Activities 196. Computer Based Training -Follow up 30/6-1/7 1997 **197**. Management and Operations of Gas Pipeline 22-28/3 2000 Jakarta **Systems** E&P Data Management 198. 4-5/12 2000 Yogyakarta 199. Marginal Field Development **Bandung** 29/1-2/2 2001 200. E & P Data Management **Bandung** 15-16/4 2002 201. Petroleum Policy – Upstream and Downstream Jakarta 5-9/12 2005 Management 202. Petroleum Safety Management -Bali 12-14/6 2007 **Human Factors** 203. **Deepwater Technology** Surabaya 5-7/11 2007 204. Seminar on Mature Field Rejuvenation Bali 31/3-2/4 2008 205. Workshop on Regional Guideline for Denpasar 23/4 2008 Decommissioning and Removal of Platforms 206. Drilling, Drilling Service, incl. High Temperature **Bandung** 10-12/11-08 - High Pressure Well Construction 207. EPPM Workshop on development of natural Bali 17-20/3 2009 gas resources with high CO2 & Carbon Capture and Storage (CCS) in CCOP 208. Stranded Gas/LNG including Low permeability Yogyakarta 11-13/5 2009 reservoirs & Mercury 209. EPPM P2W5: Workshop on Mapping of CCS Bali 28/9-1/10 2010 Potential Reservoir..... 210. Improved Oil Recovery through Drilling, Well Jakarta 3-4/10 2011 Service and Integrated Operations 211. **Enhanced Oil Recovery** Jakarta 1/1 2015 212. Iran Reservoir Evaluation -IOR/EOR Tehran 11-16/11 2000 213. 21-24/4 2002 **Project Risks Ahwas** 214. Upstream O&G Knowledge transfer seminar Tehran 8/8 2016

Amman, Jordan

Amman, Jordan

Istanbul,

Turkey

Abidjan

Abidjan

Tsukuba

Ivory Coast

Grand-Bassam

Grand-Bassam

Yamoussoukro

27-30/11 2005

22-24/10 2014

2-4/12-08

May 2008

27-29/4 2009

9-11/11 2009

7-11/12 2009

Sept. 2009

29/9 1995

 $30/3 - 2/04\ 2009$

Workshop on Resource Data Management

Assistance to workshop for Iraq

Petroleum Resource Management

Ivory Coast - Fact Finding

Coordination meeting

Governance

Planning meeting – Iraq / Norway cooperation

Executive Workshop on National Petroleum

Workshop on Environmental Management

Monitoring of Upstream Petroleum Sector

Regional Seminar on Petroleum Data

Management for Western Africa

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Iraq

Ivory Coast

Japan

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 225. Kazakhstan Almaty 12-13/9 1994 Petroleum Policy and Management 226. **Petroleum Economics Almaty** 16-20/9 1996 227. Kenya Commercialisation of Natural Gas Nairobi 23-26/6 1997 228. **Data Management Assessment** Kenya 3.-4.11 2008 229. 3rd Regional Data Management seminar for 21-25/9 2009 Mombasa Eastern Africa 230. EAC workshop on management of Naivasha 26 - 28/10 2014 hydrocarbons 1/1 2015 231. Basic Assesment of the potential OfD Nairobi Cooperation with Kenya 232. Latvia **Upstream Petroleum Policy and Fiscal** Riga 3-6/11 1997 Framework 25-27/5 1998 233. Latvian Upstream Petroleum Resource Riga Management 234. Baltic Upstream Resource management 1-2/6 1999 Jurmala 235. Lebanon Petroleum Resource Management & Beirut 21-23/3-2007 Promotion 236. Mini seminar – Petroleum Resource 5/6 2007 Beirut Management 237. Asst. in policy, legal & contr. frame aug/sept 2007 Beirut 238. Petroleum Resource Management 21/9 2007 Beirut presentation to the Lebanese Government. 239. Data Management Assistance 2008 Lebanon 240. **Assistance Licensing Round** Lebanon 2008 241. Assistance – Policy, legal and contractual Lebanon 2008 framework 242. Legal workshop III Beirut, 6-11/01 2009 243. Advisory process on Regulations and Contract Beirut. Jan-Dec 2011 **Development with Lebanese Authorities** Lebanon & Oslo, Norway 244. **SEA** preparations Advise Beirut, Jan-Dec 2011 Jan-Dec 2011 245. Petrad Planning and Coordination on Lebanon Stavanger, programme Norway 246. Advisory assistance Lebanon and Jan-Dec 2011 Norway 247. Kick-off Workshop on Regulations and Contract 14-18/3 2011 Beirut **Development with Lebanese Authorities** 248. Programme planning workshop Beirut 28-30/3 2011 249. Seminar for Parliament of Lebanon Beirut 13/6 2011 SEA preparations Workshop 250. Beirut 14-15/6 2011 Seminar on Petroleum economics and fiscal 251. 14-16/7 2011 Beirut issues 252. Lebanon - Phase 2 start-up - secondment to Beirut 7/11 - 31/12 2012 OfD- secretariat 253. Workshop for LPA on Negotiations and Local 19-23/10 - 2015 Beirut Legal framework for petroleum operations 254. Liberia 24-26/11 2010 Monrovia

	COUNTRY	TOPIC	VENUE	DATE
255.	<u> </u>	Petroleum development in Liberia – Fact	Oslo	22-26/1 2013
233.		finding visit to Norway	OSIO	22-20/1 2013
256.	Lithuania	Upstream Petroleum Resource Management	Vilnius	2-3/12 1998
		opstream retroicum nesource Management	Viiiius	2 3/12 1330
257.	Madagascar	Workshop on PSA	Antananarivo	9-12/11 2004
258.		Assistance to ongoing negotiations	Antananarivo	Nov/Dec 2004
259.		Petroleum Resource Management and	Antananarivo	13-15/4 2005
		Promotion		
260.		Asst. to Promotion and Licensing round	Antananarivo	March-July 2005
261.		Asst. on PSA and Petroleum Law	Antananarivo	April-Dec. 2005
262.		Continued work on Petroleum Law	Antananarivo	Start 2005 -
263.		Functional / financial review of OMNIS	Antananarivo	2006
		(including full TNA)		
264.		Seminar on Development, Operations and HSE	Antananarivo,	25-30/9 2006
		in the Oil Sector for OMNIS	Madagascar	
265.		Anti-Corruption	Madagascar	17-20/11-08
266.	Malawi	Downstream Petroleum Management Seminar	Lilongwe	20-24/4 1998
267.	Malaysia	The Importance of Maintenance	Selangor Darul	24-25/5 1990
			Ehsan	
268.		Management of Safety Risks	Kuala Lumpur	27/8-5/11 1990
269.		Maintenance and Management	Selangor Darul	29/10-9/11 1990
			Ehsan	
270.		Maintenance and Management	Selangor Darul	8-12/7 1991
			Ehsan	
271.		Petroleum in Sustainable Development	Penang	7-11/1 1991
272.		Quality Assurance Management		14-18/10 1991
273.		Safety Management (One day top	Bangi	27/1 1993
		management briefing)		
274.		Workshop on Petroleum Demand and Price		14-16/9 1994
		Forecasting Techniques and Methods		0 = /= 100=
275.		Safety and Environmental Management in	Bangi	3-7/7 1995
276		Hydrocarbon Industries		4.5/7.4007
276.		Computer Based Training -Follow up	Cartina	4-5/7 1997
277.		IOR/EOR	Genting	9-11/8 1999
278.		EQD Data Management	Highlands	26-27/6 2000
2/8.		E&P Data Management	Genting	26-27/6 2000
279.		Development of Petroleum Arrangements and	Highlands Genting	28-29/6 2000
273.		Fiscal Terms	Highlands	28-29/0 2000
280.		Small Field Development	Port Dickson	7-11/8 2000
281.		Petroleum Management and Promotion	Bamako	12-14/12 2000
282.		Deep Water Technology	Port Dickson	13-15/5 2002
283.		Seminar on CO2	Langkawi	25-27/6 2003
284.		Life Cycle / Brown Field	Miri, Sarawak	5-6/3 2003
285.		Gas Governance	Kuala Lumpur	19-20/2 2004
285. 286.		EOR Application and High CO2 Gas Field	Kuantan,	31/7-2/8 2005
400.		Development	Pahang	31/1-2/0 2003
287.		Integrating High CO2 Gas Field Development	Kuantan,	3/8 2005
207.		and EOR Implementation	Pahang	3/0 2003

	Petrad capacity development activities				
	COUNTRY	TOPIC	VENUE	DATE	
288.		Seminar on Advance Seismic Analysis	Putrajaya,	6-8/3 2006	
289.		Deepwater Technology "Creating Local value from Deepwater Development"	Kota Kinabalu	22-25/5 2006	
290.		Drilling, Well Service and Completion	Langkawi,	4-6/9 2006	
291.		Brownfield Technology Seminar	Penang,	11-13/12 2006	
292.		Petroleum Resource Management Forum	Kota Kinabalu, Sabah	22-24/1 2007	
293.		Pipeline Integrity Management	Kuching, Sarawak	5-6/6	
294.		Management of High Pressure High Temperature Drilling	Labuan	27-29/8	
295.		Deepwater Technology	Johor Bahru	26-28/11 2007	
296.		Strategic E&P R&D Forum. Effective R&D Implementation for Value Creation in E&P	Kota Kinabalu, Sabah	16-18/1 2008	
297.		Integrated Operations	Putra Jaya,	10-12/2 2009	
298.		CO2 R&D Roundtable, Petronas University of Technology (UTP)	lpoh	13-15/7 2009	
299.		Corrosion Management Workshop	Kuala Lumpur	26-27/1 2010	
300.		Malaysian-Norwegian forum of Competence on Oil & Gas in the 21 st Century; visit by Crown Prince and Crown Princess of Norway	Kuala Lumpur	9-10/3 2010	
301.		Training of GOSS MEM personnel at UTP, Malaysia, meetings , planning delegation	Ipoh, Malaysia	14-19/1 2011	
302.		Workshop on Deepwater Subsea Tie-back	Kuching, Sarawak	24-26/1 2011	
303.	Mali	Petroleum Management and Promotion	Bamako	12-14/12 2000	
304.		Workshop on Promotion Activities	Bamako	25-27/9 2001	
305.		Promotion Preparations	Bamako	4-8/2 2002	
306.		Revision of the Petroleum Law. Advisory activity.	Bamako	Autumn/winter 2002	
307.		Revision of the Petroleum Law. Advisory activity.	Bamako	Jan. – Dec. 2003	
308.	Mongolia	Workshop on sound management of natural resources	Ulaanbaatar	16-17/3 2016	
309.	Mozambique	Project Management	Maputo	2-4/11 1998	
310.		Petroleum Economics & Financing	Maputo	23-24/8 1999	
311.		Petroleum Economics	Maputo	25-27/8 1999	
312.		Lusofon seminar on Good Governance and Corruption Prevention in the Petroleum Sector, for the Civil Society	Maputo,	16-18/3 2010	
313.		Lusofon seminar on Good Governance and Corruption Prevention in the Petroleum Sector, for Petroleum related Authorities	Maputo,	17-18/3 2010	
314.		Seminar on Good Governance and Corruption Prevention in the Petroleum Sector for representatives from civil society	Maputo,	16-18/3 2010	
315.		Environmental Profile	Maputo	18-24/11 2012	
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Basic Petroleum Knowledge

316.

17-21/3 2014

Maputo

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 317. 16-20/3 2015 Course for Civil Society in Mozambique Maputo 318. Myanmar **Inception Seminar** Nay Pyi Taw 12-13/11 2013 319. Safety and Environment Seminar Nay Pyi Taw 8-9/4 2014 320. Three and half days Basic Petroleum Nay Pyi Taw 15-18/9 2014 **Knowledge Course** Namibia 321. Workshop on Environmental Impact Swakopmund 24-28/4 1995 Assessment 322. **Gas Seminar** Windhoek 5-8/8 1996 323. **Negotiation Techniques** Otjiwa Lodge 6-8/5 2003 324. Nepal Petroleum Management and Promotion Kathmandu 18-19/8 1998 325. **Negotiations of Petroleum Contracts** Kathmandu 30/11-2/12 1999 326. Petroleum Economics and PSAs Kathmandu 18-20/2 2002 Making and training of an economic model for Kathmandu 327. November 2002 328. Nicaragua The Petroleum Industry Managua 17-19/4 1997 329. **Negotiations of Petroleum Contracts** 23-25/3 1998 Managua 330. Workshop on Promotion 1-3/6 1999 Managua 331. Licensing preparations Managua 6-10/12-99 332. **Negotiations of Petroleum Contracts** 22-24/5 2000 Managua 333. The Petroleum Section in a National 22-23/5 2003 Managua Perspective Basic Petroleum Knowledge - the upstream 334. Managua 18-22/1 2016 petroleum value chain 335. Good Governance, Petroleum Policy, and Managua 19-23/9 2016 Resource Management Nigeria 336. **Asset Management of Pipeline Systems Port Harcourt** 5-7/6 2002 337. 4-week course "Policy & management of Abuja 3-14/6 and petrol. sector development 15-26/7 2003 338. 4-week course "Policy & management of 26/4-7/5 and Abuja petrol. sector development 21/6-2/7 2004 4-week course "Policy & management of 339. 23/5-3/6 and Abuja petrol. sector development 20/6-1/7 2005 340. A professional and practical approach to HSE, Port Harcourt 13-18 /11 2006 **Actuality and Maintenance Management** Functional analysis and TNA for DPR (not 341. 2007 Lagos completed) 342. Planning trip, Annual meeting 12-16/5 2009 Abuja 343. IRM'89 (Integrated Petroleum Resource 2-7/10 1989 **Norway** Stavanger Management Seminar and Workshop) 13-17/5 1991 344. Reservoir Management Stavanger 345. EPF'94 2-4/6 1994 Stavanger (Exploration Promotion Forum 1994) 346. Training Programme (HSE) for PTT (Thailand) 6-17/6 1994 Stavanger 347. Norwegian/Russian Forum on Energy and the 28-31/8 1995 Oslo **Environment Workshop** 6-week Petroleum Upstream Programme for 348. Stavanger 12/2-22/3 1996 ONGC, India Workshop on Pre-license Activities and 349. Stavanger 20-22/8 1996 Valuation of Petroleum Resources

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 350. 16-18/4 1997 Petroleum Economics for Kazakhstan Stavanger 351. Training Programme for SOCAR and AZERIGAZ Stavanger 28/9-9/10 1998 352. Unitisation Workshop for PetroVietman 2-5/11 1998 Stavanger 353. **East Timor Project** Stavanger and All year 98, 99 Oslo compl'd Aug. 2000 354. One-day Workshop for Sonangol 30/8 2000 Stavanger 355. Training Programme for Russian Geologists 1-10/5 2001 Stavanger **356.** EPF 2002 for CCOP 26-30/8 2002 Stavanger 357. Training programme for guests from Indonesia 10-14/6 2002 Stavanger 358. Training programme for NVTC, Estonia Stavanger 4-14/6 2002 359. Programme for Vice-Minister-delegation from Stavanger 1/4 2003 Programme for Minister -delegation from Sao 27/5 2003 360. Stavanger Tomé & Principe Programme for delegation from PETRONAS, 361. 9-11/6 2003 Stavanger Malaysia 362. Programme for Vice-Minister -delegation from 25/9 2003 Stavanger China 363. Offshore Deep Water Operations Seminar for Stavanger 3-14/11 2003 delegation from Cuba 364. Revenue Management for Chad Oslo 25-26/6 2003 365. 10-weeks HSE-course for SINOPEC, China Stavanger 18/4-24/6 2005 366. Workshop for Iraq on Institutional and Stavanger 25/5 2005 technical assistance program 367. NGO seminar for Sao Tomé & Principe 25/8 2005 Stavanger 368. Program for Minister of Petroleum, India Stavanger 30/8 2005 369. Advanced Petrol. Management for CNLC 2-9/9 2005 Stavanger 370. 3-week Petroleum Downstream Programme Stavanger 21/11-8/12 2005 **371**. Programme for President of Somaliland Stavanger 15/12 2005 372. Preparations for IAIA'06 training course Stavanger Sep.-Dec. 2005 373. Seminar for PDVSA: Petroleum Policy and 6-18/2006 Stavanger Management of Risks Study tour to Norway by Trans Asian Gas 374. Haugesund & 23-28/4 2006 Pipeline Committee Stavanger Study tour to Statoil Research Center by PTT 375. Stavanger and 28/4 2006 Research Center Trondheim **376.** IAIA06 pre-conference training course Stavanger 21-22/5 2006 377. Madagascar, Lawyer's training Oslo and 20/5 - 2/6 2006 Stavanger 378. Sudan, Top Management workshop 31/5-2/6 2006 Oslo 379. Vietnam, Study Tour to Norway Oslo and 12-16/6 2006 Stavanger 380. China/Sudan, CNLC Management seminar 8-15/9 2006 Stavanger 381. Program for delegation from Staatsolie, 24-27/9 2006 Stavanger Surinam 382. 11-weeks Petroleum Management course for 15/1-30/3 2007 Stavanger Min. of Oil, Iraq

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 383. 20-24/2 2007 Management of Petroleum Resources Stavanger + Oslo 384. Stavanger + Management of Petroleum Resources 23-28/4 2007 Oslo 385. Top Management seminar for CNLC- Sudan + 25-31/8 2007 Stavanger 386. Program on Environment for Ugandan Stavanger 4/12 2007 delegation 387. Stavanger Workshop on Resource Management 11-13/12 2007 388. Policy and Management of Petroleum sector 13-24/5 2008 Oslo + Development Stavanger 389. Training on English Language and Petroleum 5/5-26/6 2008 Stavanger Resource Management Oslo, Bergen 390. 25-31/5 2008 Study Visit to Norway and Stavanger 391. Visit from PEPD, Uganda -Stavanger 2-6/6 2008 **Data Management** 392. Visit by delegation from Zambia Stavanger 27/6 2008 393. Seminar on Data Management for Afghanistan 18-22/8 2008 Stavanger 394. International Delegation Visit to the ONS 2008 Stavanger and 24/7-30/8 2008 Conference, Exhibition and Festival and Oil for Oslo **Development Initiative** 395. Top Management Seminar – Environmental Oslo and 13-19/9 2008 Study Visit from Kazakhstan Stavanger 396. **Fiscal Metering** Stavanger and 18/9-16/10 2008 Bergen Good Governance, Transparency and 397. Stavanger 1-9/12 2008 Accountable Management of Natural Resources 398. **HSE Visit from Uganda** Stavanger 15-19/12 2008 399. Press Visit to Norway May 08 - Lebanon Norway May 2008 400. Visit from Uganda – for the Embassy Norway Oct/nov 2008 Visit by Energy and Mining Committee, 1-7/3 2009 401. Oslo and Parliament of Tanzania Stavanger 402. Press Visit from Lebanon 4-8/4 2009 Stavanger 403. 13-24/5 2009 Visit by Ghana's Oil and Gas Technical Oslo, Stavanger Committee 404. Visit by Embassy of Namibia to Norway 15/5 2009 Oslo, Stavanger, 405. Delegation from Lebanon 24-29/5 2009 Oslo 406. Lecture for 60 members of the 4th round of 2 June 2009 Stavanger Norway-China Free Trade Negotiations 407. Norwegian gas sector, Study tour by Vietnam Oslo, Karmøy & 7-12/6 2009 Ministry of Trade and Industry Stavanger 408. Training on Bid evaluation and petroleum Stavanger 8-19/6 2009 contract negotiations for Afghanistan 409. Advanced Petroleum Management for CNLC, Stavanger 10-16/8 2009 Sudan 410. Lecture for new petroleum students at 21/8 2009 Stavanger University of Stavanger (UIS)

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 411. 13.19/9 2009 Study visit from Kazakhstan Stavanger 412. Study visit to Norway by JFC, Parliament of Oslo and 17-24/10 2009 Tanzania Stavanger 413. Press Visit from Lebanon Stavanger 4-8/4 2009 414. Legal workshop IV Oslo 24-29/5 2009 415. Delegation from Lebanon on Petroleum Oslo November 2009 **Taxation Conference** 29/11-4/12 2009 416. Visit from Ecuador Oslo, Petroleum Development with special focus on Trondheim. Environment Stavanger 417. Barbadian study tour on Oslo and 2-7/5 2010 Exploration and production, revenue and Stavanger environmental management 418. 4-week Programme on HSE for Pertamina, 25/5-18/6 2010 Stavanger, Indonesia 419. Sudan Delegation to Norway Oslo 27/6-1/7 2010 +Stavanger 420. International delegations visit to ONS 2010 23-28/8 2010 Stavanger 421. Study tour to Norway from the Energy, 3-9/10 2010 Stavanger **Environment and Finance Committee in Ghana** 422. Petrad Planning and Coordination on Lebanon Stavanger Jan-Dec 2011 programme 423. Study on learning Network/Alumni Stavanger, Jan-May 2011 424. Petroleum law final workshop for Lebanese Oslo 12-14/1 2011 **Authorities** Visit from Ecuador, Environment Management 17-22/1 2011 425. Oslo, Bergen, Stavanger 426. Visit by Delegation from parliamentarians and 17/2 2011 Stavanger local politicians from Norwegian Conservative **Party** Visit by Minister on Finance and Petroleum 427. Stavanger 8/4 2011 from Grenada 428. Drafting of a Petroleum Act for South Sudan, Oslo 9-14/5 2011 Session 2 429. Study tour to the Netherlands and Norway for Netherlands 21-28/5 2011 the Ghana SEA Team, Petroleum Sector and Stavanger, Norway 430. UNITAR - NDDR (Nigeria), visit 26/5 2011 Stavanger 431. Peer Review Capacity building for Gender Norway June-Dec 2011 Mainstreaming in Norad's OfD country programmes 432. Review Workshop 1 on Regulations and 30/5-3/6 2011 Oslo, Contract Development with Lebanese Delegation from Aceh, Indonesia to Norway 433. Oslo+ 6-9/6 2011 Stavanger 434. 20-26/6 2011 Ghanaian study tour Kristiansund, to Norway Molde, Bergen and Stavanger

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 435. 29/8-1/9 2011 Visit by Minister of Minerals, Water Resources Stavanger and and Energy, Somaliland Oslo 436. Review Workshop 2 on Regulations and Oslo 5-10/9 2011 Contract Development with Lebanese **Authorities** 437. EOR Visit from PetroEcuador Stavanger 16/9 2011 438. Review Workshop 3 on Regulations and Oslo 6-10/12 2011 Contract Development with Lebanese **Authorities** 439. Visit from Indonesia 2012 29-30/7 2012 Bergen 440. **ONS 2012** Stavanger 26-31/8 2012 441. 17/09 - 8/11 2012 8-weeks 2012 Stavanger 442. Stavanger 20-31/5 2013 DNV, China 443. 8-weeks 2013 Stavanger 16/09 - 07/11 2013 22-28/9 2013 444. Management of Petroleum Resources - MEM Oslo Minster Visit 445. Study Tour Management of Petroleum Oslo 3-7/2 2014 Resources - Financial Group Tanzania 446. Visit by the Revolutionary Government of Oslo 24-28/3 2014 Zanzibar 447. 2-weeks course - National Management of 12-23/5 2014 Stavanger **Petroleum Resources** 448. Gender Awareness Building workshop Stavanger 11/6 2014 449. ONS 2014 Summit 23-28/8 2014 Stavanger 450. Sinopec delegation to Petrad and ONS Stavanger 23-28/8 2014 451. ONS 2014, OfD countries Stavanger 23-28/8 2014 452. Advanced Petroleum Management CNLC Sudan Stavanger 6-12/9 2014 453. 8-weeks 2014 15/9 - 6/11 2014 Stavanger 454. DNV GL China with CNPC Tarim delegation 20-28/10 2014 Stavanger 455. Norway - Visit from Religious Leader from Stavanger 24-28/11 2014 Mtwara/Lindi, Tanzania 456. National Management of Petroleum Resources 16-27/11 2015 Stavanger (2 weeks) 457. China - Study visit to Norway CCS Stavanger 5/5 2015 458. Norway - Energy Committee visit from Ghana 13-17/4 2015 Stavanger 459. Norway - Delegation visit from MoF Ghana Stavanger 25-30/4 2015 460. Delegation visit on EOR 2-3/9 2015 Stavanger LPA Resource Unit Workshop on Petroleum 461. 30/11-5/12 2015 Value Chain 462. Training in Petroleum Oslo 26-27/2 2015 463. Dialogue Forum on Capacity Development Oslo 20/5 2015 perspectives from OfD Partner Countries 464. 10-year Anniversary – The Oil for Development Oslo 21-22/10 2015 Visit from Ministry of Environment, Science, 465. Oslo, Stavanger 10-15/1 2016 Technology, and Innovation (MESTI) and Environmental Protection Agency (EPA), Ghana

Petrad capacity development activities				
	COUNTRY	TOPIC	VENUE	DATE
466.		National Management of Petroleum Resources (2weeks)	Stavanger	23/5 – 3/6 2016
467.		Members of Parliament from Mozambique, study tour to Norway	Stavanger, Oslo	6-11/3 2016
468.		ONS 2016 – Project support	Stavanger	August 2016
469.	Palestine	Petroleum Resource Management	Ramallah,	11-13/12 2007
470.	Papua New Guinea	Petroleum Economics and Promotion	Port Moresby	12-16/2 1996
471.		PNG - CCOP 50th Annual Session	Kokopo	19-26/10 2014
472.	Philippines	The Importance of Maintenance	Quezon City	31/10 1990
473.		Maintenance and Management	Manila	4-8/3 1991
474.		Safety Management	Diliman,	22/1 1993
		(One day top management briefing)	Quezon City	
475.		Safety Management Orientation Workshop	Manila	18/1 1994
476.		Health, Safety and Environment - HSE	Manila	25-26/7 1996
477.		(HSE) - Health, Safety & Environmental Management	Manila	15-17/1 1997
478.		(HSE) - Health, Safety & Environmental Management	Bataan	20-22/1 1997
479.		Management System and the Quality Auditing Process for Large Energy Projects	Manila	24-28/2 1997
480.		Environmental Accounting	Cebu	20/10 1997
481.		Seminar on Petroleum Policy and Management	Manila	8-19/6 1998
482.		Management and Operations of Gas Pipeline Systems	Manila	14-17/8 2001
483.		Gas Governance Infrastructure	Manila	15-17/12 2003
484.		Training Needs Assessment for Dept of Energy	Manila	SepDec. 2005
485.		Program planning workshop on CO2/CCS during ASCOPE Meeting	Manila	23-24 April, 2009
486.	Russia	Petroleum Policy and Management Frameworks	Moscow	30/11-1/12 1992
487.		Principles and Mechanisms of Efficient Management in Petroleum Licensing and Exploration	Murmansk	4-7/10 1994
488.		Offshore Gas Field Development	Sochi	29-30/11 1994
489.		Petroleum Policy, Foreign Investment in Russia	Moscow	10-11/1 1995
490.		Offshore Oil and Gas Development	Sochi	30/10-1/11 1995
491.		Management of vertically integrated oil company with state participation	Moscow	28-29/11 1995
492.		Petroleum Data Management	Moscow	2-5/7 1996
493.		Management of Petroleum Activities	Khanty- Mansiysk	8-10/10 1996
494.		Petroleum Offshore Development	Sochi	2-5/11 1996
495.		Petroleum Licencing	Nar'yan Mar	16-17/3 1998
496.		Petroleum Licencing	Arkhangelsk	18-19/3 1998
497.		Exploration decision making	St. Petersburg	17-21/7 2000
498.	Rwanda	South Sudan East African Petroleum	Kigali	9-13/3 2015

Conference and meetings

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 499. **Singapore** 20/1 1993 Safety Management (One day top Singapore management briefing) 500. Integrated Petroleum Resource Data Singapore 22/5 1995 Management 501. Business Risk in the Petroleum Sector Singapore 12-13/1 2004 502. 23-24/2 2004 Gas Governance Singapore 503. ASCOPE - Cross Border and Gas Tariff Issues 11/5 2007 Singapore 504. Seminar on E&P HSE Operatorship Singapore 23-25/7 2008 505. **South Africa Gas Seminar** Johannesburg 23-26/4 2002 **506.** Training co-operation with MEETI Johannesburg 14-17/10 2002 507. Seminar on Downstream Issues Johannesburg 2-5/6 2003 508. Assistance to Management course (MEETI) Johannesburg 5-6/10 2004 509. Assistance to Management course Johannesburg 11-13/10 2005 16-18/10 2007 510. Lecturer to Energy seminar Johannesburg 511. South Africa - PASA Institutional Cap. Review South Africa / 2008 Norway **South Sudan** Nilepet Strategy and Leadership Follow-up Nairobi, Kenya 21-28/2 2010 512. Workshop, South Sudan 513. MCITP IT-training for three people at 19/4-7/5 2010 Kampala, Aptech, for MEM GOSS staff, South Sudan Uganda 4-7/5 2010 514. Geo-class at Makerere University for MEM Kampala, GOSS staff, South Sudan Uganda 515. Management and Leadership Training for MEM Entebbe, 17 -21/ 5 2010 GOSS, South Sudan Uganda **516.** MCITP IT-training for three people at 19/4-7/5 2010 Kampala, Aptech, for MEM GOSS staff, South Sudan Uganda **517.** Geological Excursion Albertine Graben for Uganda 12-19/9 2010 MEM GOSS, South Sudan 518. 4th Regional Data Management seminar for Kampala, 27/9-1/10 2010 Eastern Africa Uganda **519**. Oil Policy - Leadership training for MEM GOSS, Entebbe, 3-5/11 2010 South Sudan Uganda **520.** Geological Excursion Albertine Graben for 12-19/9 2010 Uganda MEM GOSS, South Sudan **521.** Selection procedure for scholarship Juba 13-15 + 17-19/1 programme. 2011 Visit to UTP, Malaysia **522. Petroleum Marketing Training** Juba 21 - 23/2 2011**523**. Case Work Training in Resource Management 24 -25/2 2011 Juba **524**. Resource Assessment/Seismic 28/2 - 4/3 2011 Juba **525**. Executive seminar on Petroleum Policy and Juba 18/3 2011 Management Presentation in Cabinet meeting of Petroleum 526. Juba 19/3 2011 Policy and a model for management of petroleum revenues 20-25/3 2011 **527**. Case Work Training in Resource Management Juba, **MESA 528.** OilSim Petroleum Authorities Workshop 4 - 8/4 2011Juba,

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE 529.** 11-14/4 2011 Case Work Training in Resource Management Juba 530. Drafting of a Petroleum Act for South Sudan, 12-15/4 2011 Juba Session 1 531. Meetings and workshops on "Organisation 12/4 -31/12 2011 Juba Development" for MoPM and Nilepet Frequent meetings and workshops on 532. Juba 12/4 - 31/12 2011 "Office facilities" for MoPM 533. Workshop on QHES -Quality, Health, Juba 09-13/5 2011 **Environment and Safety** 534. Drafting of a Petroleum Act for South Sudan, Juba 31/5 - 3/6 2011 Session 3 Final draft of the Petroleum Act for South Entebbe, 2-4/9 2011 535. Sudan, workshop in Entebbe Uganda **536.** One Week Basic Petroleum Knowledge Course Entebbe 23-27/6 2014 537. Organizational Development in Entebbe Entebbe 14-16/4 2015 Workshop on Good Governance and Anti-13-15/11 2015 538. Nairobi Corruption Planning for Extended period and Second 4-7/5 2015 **539.** Nairobi phase (incl donor meeting) 540. Training of Practitioners on Gender 11-13/5 2015 Nairobi Mainstreaming in the Petroleum Sector 541. Workshop on Gender Mainstreaming in the 27-29/11 2015 Nairobi Petroleum Sector - Level 2 542. Preparing of development cooperation Norway 2016 program Sudan Resource Management 12/5 2005 543. Rumbek 544. Top Management Workshop Khartoum 23-25/11 2006 4-weeks Course: Policy and Management of 545. 21/4-15/5 2007 Khartoum Petroleum Sector Development 546. Sudan Introduction course – Petroleum Sector Sudan November 2008 547. November 2008 Sudan Petroleum Sector Development Sudan 548. Functional Analysis and Needs Assessment, 1-7/03 2009 Juba. Southern Sudan Policy and Management of Petroleum Sector 10-19/5 +549. Khartoum + Baleela Oil field 7-18/6 2009 Development 550. Simulation training: OilSim I; Exploration and Juba 19-20/1 2010 Capacity Building for MEM GOSS, Inception 551. Juba 21-22/1-2010 workshop 552. **GOSS MEM PAL Team Establishment Workshop** 1-3/3 2010 Juba 553. Nilepet Strategy and Leadership Follow-up Juba 23-24/3 2010 Workshop 554. GOSS MEM PAL Team Workshop start-up Juba 25-26/3 2010 555. Petroleum Exploration Juba 3-7/5 2010 **556**. Simulation training: OilSim II; Exploration and 13-19/6 2010 Juba geophysics

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 557. Petroleum Policy seminar for MEM GOSS Juba 14-18 /6 2010 **558.** Simulation training: OilSim III; Production Juba 20-24/9 2010 559. Seismic interpretation and Resource Juba 27/9-1/10 2010 Assessment Workshop Presentation of the Report "Environmental and 560. Juba 20/10 2010 Social Impacts of Petroleum Activities in Southern Sudan Environmental challenges in Sudan 561. Juba 21-22/10 2010 Oil for Development – Environmental 24-25/10 2010 562. Khartoum Challenges in Sudan 563. Policy Follow-up and feedback from 8-week Juba 21-15/11 2010 courses 2010 564. Workshop on Fiscal Metering 22-26/5 2011 Khartoum Workshop on Seismic Interpretation 22-26/5 2011 565. Khartoum **566.** Workshop on Reporting Petroleum Data to Khartoum 18-19/3 2013 **National Authorities** 567. Workshop on Petroleum Policy 28-30/4 2013 Khartoum 568. **Swaziland** Workshop on Petroleum Legislation 19-23/10 1998 Mbabane 569. Tanzania **Management Seminar for TPDC** Dar es Salaam 19-23/2 1990 Management Seminar for TPDC **570.** Dar es Salaam 25-29/6 1990 **571**. Petroleum Supplies in Eastern Africa (Arusha I) Arusha 7-11/9 1992 **572.** Petroleum Policy for Sustain. Development Arusha 1-5/8 1994 (Arusha II) 573. CDM for Eastern Africa Dar es Salaam 16-17/11 1999 574. **Negotiations of Petroleum Contracts** Dar es Salaam 4-6/12 2001 575. Petroleum Economics and Fiscal Terms Zanzibar 29-31/10 2002 2-4/3 2004 576. Deep Water Technology Dar es Salaam 577. 2-4/11 2004 Gas seminar Bagamoyo 578. Petroleum Data Management for Eastern Bagamoyo 22-26/9-08 Good Governance in the Petroleum Sector for **579**. Dar es Salaam 12-13/11 2009 Parliament of Tanzania 580. Good Governance in the Petroleum Sector for Stone Town, 14-15/11 2009 House of Representatives, Zanzibar, Zanzibar 581. Executive seminar on Petroleum Sector Stone Town, 24-25/5 2010 management for Members of parliament, Zanzibar Zanzibar 582. Regional workshop on Data Management for Arusha 26-30/9 2011 Eastern Africa **Inception Workshop** 583. 2-6/9 2012 Bagamoyo 584. Mapping and analysing the needs for 3/2 - 31/12 2013 Dar es Salaam petroleum related education 585. Arusha EAPC - Pre-conference training 5/2 2013 586. Visit from TPDC Board and Tanzania Revenue Oslo 18-22/3 2013 Authorities 587. Tax for development - Workshop in Arusha Arusha 6-7/5 2013

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 588. Regional Seminar for East Africa - Oil Spill 9-12/9 2013 Bagamovo Preparedness and Response 589. **Functional and Training Needs Assessment** Dar Es Salaam 15/11 - 31/12 2013 590. Basic Petroleum Knowledge Bagamoyo 27-31/1 2014 591. Tanzania - Establish and CD of a future Dar Es Salaam 1/3-31/8 2015 Petroleum Upstream Regulatory - PUR 592. Capacity building Program Coordinating Dar Es Salaam 1/9-31/12 2015 Committee (PCC) and Annual Meeting (AM)incl visit to DAR in December 593. **Thailand** Management and Development of Bangkok 9-13/10 1989 Offshore Safety Legislation 594. The Importance of Maintenance 17-18/5 1990 Pattaya City 595. Maintenance and Management Pattaya City 24/9-5/10 1990 **596. Quality Assurance Management** 7-11/10 1991 597. Oil Marketing Management 24-29/6 1991 Phuket 598. Safety Management (One day top Bangkok 18/1 1993 management briefing) 599. ASCOPE-Statoil-Petrad Round Table Session Phuket 20-21/11 1995 600. **Environment and Safety Workshop (CAPES)** Pattaya 10-12/1 1996 601. PetroWater Workshop Bangkok 23-25/7 1996 602. The Importance of Maintenance Bangkok 25/11 1996 603. Maintenance and Management Bangkok 26-27/11 1996 604. Maintenance and Management Bangkok 2-3/12 1996 Pattaya 605. Petrad-CCOP Seminar on Reservoir 9-12/12 1996 Management Petroleum Policy & Management 606. 6 -15/1 1997 Bangkok 607. ASCOPE-PETRAD Meeting on Petroleum 28/4-1/5 1997 Phuket Policies for Sustainable Growth with Special **Emphasis on Managing Natural Gas Resources** 608. **Supply and Contracting Processes** Bangkok 2-3/4 1998 609. **Environmental Accounting** Bangkok 22-26/6 1998 610. Safety Implementation & Management Bangkok 26/10 1998 Systems Audit 611. Integrated Quality HSE Management Chonburi 21-25/6 1999 System/Safety Risk Assessment 612. Training in Drilling and Well Technology Bangkok 6/2 2003 613. Gas Governance Infrastructure Bangkok 11-12/12 2003 614. Enterprise Risk Management -Bangkok 22-23/11 2004 PTT Top Management 615. Bangkok 24-25/11 2004 **Enterprise Risk Management** Workshop on Crisis Communication 616. 22-23/6 2006 Bangkok 617. Internationalization – PTT Board and Top Bangkok 16/1 2009 Management 618. **EPPM Seminar on Carbon Capture & Storage** Bangkok 16-17/11 2009 (CCS) Awareness & Regulations 619. EPPM P2W4: Workshop on Regulatory Phuket 29/6-1/7 2010 Framework for Carbon Capture & Storage (CCS)

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 620. 7-9/6 2011 EPPM P2W6: Developing Strategies for Public Bangkok awareness and acceptance of CCS into **Geological Reservoirs** 621. ASCOPE-PETRAD-CCOP E&P BDC Meeting and Bangkok 20-21/10 2011 ASCOPE Decommissioning Guidelines (ADG) Taskforce Workshop 622. Pipeline and production facilities integrity Bangkok 16-17/12 2013 inspection and management 623. 18-20/5 2015 Support and input to academic committee for Bangkok **HSSE** and Exploration & Development during **ASCOPE** Annual meeting 624. Lecture at UNDP regional south-south seminar Bangkok 7-8/10 2015 on extractive industries Middle East Regional Workshop on 625. **Turkey** 25-28/1 2009 Istanbul Environmental management of petroleum Iraq - WS on Legal and regulatory Framework 626. Istanbul 2-4/3 2015 627. Uganda **Petroleum Economics and Promotion** 28/10-5/11 1995 Kampala 628. **Negotiation Seminar** Jinja 23-25/4 1996 629. Management Workshop Kampala 19-23/5 1997 630. **Legislation Workshop** Kampala 23-27/6 1997 631. East African Seminar on Downstream Kampala 30/6-4/7 1997 Petroleum Management 632. **Accounting Workshop** Kampala 17-21/11 1997 633. Workshop on Organic Geochemistry Entebbe 23-27/3 1998 634. Workshop on Data Processing Kampala 9-13/11 1998 635. Workshop on Basin Analysis Kampala 9-13/11 1998 636. Workshop on Structural Geology Entebbe 28/6-2/7 1999 637. Workshop on Basin Modelling Entebbe 12-16/7 1999 638. Workshop on fiscal terms Entebbe 27-31/3 2000 639. Top Management Seminar Entebbe 28/3 2000 640. Workshop on Environment Entebbe 11-15/12 2000 641. Workshop on Formation Evaluation Entebbe 11-15/6 2001 642. Workshop on Basic Well Testing Entebbe 18-21/6 2001 643. Workshop on Promotion & Management Entebbe 23-27/4 2002 644. Workshop on Economic Viability of Possible Entebbe 13-15/8 2002 Discoveries in Uganda 645. Workshop on Seismic Data Interpretation Entebbe 21/10-1/11 2002 646. Workshop on Logs and Log Interpretation Entebbe 11-15/8 2003 647. Workshop on Reservoir and Valuation Entebbe 17-21/8 2003 648. Economic Aspects of possible discoveries in the 26-30/1 2004 Entebbe Albertine Graben 649. Colloquium on revenue management Kampala 25/3 2004 650. Workshop on org. of the petroleum industry in Entebbe 27-30/9 2004 Uganda programme meetings at the Embassy 651. Kampala 6-7/12 2004 **652**. Preparation for 3-year program for Uganda 12/12 2005 Kampala 653. Workshop on HSE issues Kampala April 2007 654. Data Management for East Africa Kampala 22-26/10 2007

Petrad capacity development activities **COUNTRY TOPIC VENUE DATE** 655. Kampala 9-12/10 2007 Workshop on PDO issues 656. **Functional Analysis** Kampala 2008 **657.** Revenue Management Uganda 25-27/2 2008 658. Establishing 3 year program Uganda 2008 659. Workshop on resource assessment Uganda 20-24/4 2009 660. Workshop for Auditor General's Office Uganda 22-24/6 2009 Activities in Uganda: 661. Uganda 1/1-31/8 2009 - Functional analysis, -- Support on PDO, - Legal assistance 4th Regional Data Management seminar for 662. Kampala, 27/9-1/10 2010 Eastern Africa Uganda 663. Study Tour: Uganda District Leaders to Norway 12-16/8 2012 Bergen 664. One week technical course on the petroleum 7-12/12 2013 **Fort Portal** value chain 665. Uganda - 1week finance Kampala 26-31/10 2014 666. **Ukraine** Ukraine - Modernization of Naftogaz and the Kiev February 2015 **Ukrainian Natural Gas Sector** Renewable Energy and Energy Efficiency 667. Kiev 27/2 2015 668. Ukraine - Modernization of Naftogaz and the Norway March 2016 **Ukrainian Natural Gas Sector** Vietnam 669. Petroleum Policy & Management II Hanoi 16-19/2 1998 Advanced Reservoir Management **670.** Hanoi 10-14/8 1998 671. Workshop on Supply and Contracting Processes Hanoi 17-18/8 1998 672. **Petroleum Economics** Hanoi 25-29/1 1999 673. Management & Operations of Gas Pipeline **Vung Tau** 6-10/12 1999 **Systems** 674. Marginal Field Development Hanoi 26-30/3 2001 675. **IOR-EOR** seminar 11-13/3 2002 Vung Tau 676. Hai Phong 16-17/2 2004 Gas Governance 677. Roundtable on "Sustainable Petroleum 2/11 2004 Hanoi Development" 678. Technology advances in offshore petroleum Ho Chi Minh 4-5/11 2004 exploration and development Citv **Vung Tau** 679. **Enhanced Oil and Gas Recovery** 3-5/3 2008 Workshop on Challenges of Extracting Gas 3-6/6 2008 680. Hanoi Hydrates as an Environmentally Friendly Source of Energy and Storing CO2 in the Gas Hydrates Reservoir. Regulations for Decommissioning and Removal 681. Hanoi 25-26/2 2009 of Offshore Installations 682. **Deliniation and Unitisation** Hanoi 27/2 2009 683. EPPM Workshop on CO2 / EOR-IOR Danang 8-11/12 2009 684. Workshop on Gas Hydrates **Halong Bay** 1-3/3 2011 685. Seminar on Oil and Gas in Deepwater Areas 12-14/9 2011 Da Lat 686. Small LNG Hue 14-16/8 2012 687. **Zambia** Petroleum Resource Management Forum 30/1-1/2-08 Lusaka 688. April 2008 **Data Management** Lusaka Executive seminar on National Petroleum 689. 9/10 2008 Lusaka Development

Petrad capacity development activities					
	COUNTRY	TOPIC	VENUE	DATE	
690.		Petroleum exploration and environmental challenges in Zambia	Siavonga	6-8/10 2008	
691.		Follow-up Environment Zambia	Zambia	4-5/11 2008	
692.		Strategic Environmental Assessment Sea	Siavonga	19-21/1 2009	
693.		Workshop on SEA work in Zambia	Lusaka	27-28/5 2010	