

UNCTAD

17th Africa OILGASMINE, Khartoum, 23-26 November 2015

Extractive Industries and Sustainable Job Creation

**The Role of the Petroleum Training Center in the
Development of the Oil Sector Workforce in Sudan**

By

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Technical Training Manager, Petroleum Training Center, Sudan

The views expressed are those of the author and do not necessarily reflect
the views of UNCTAD.



Republic of Sudan
Ministry of Petroleum & Gas

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Introduction



Facilities



Achievements



Activities



Future Prospects



Visitors



About PTC



The PTC was inaugurated on 27 June 2000. Petroleum Training Centre (PTC) is a training, and consultancy institution specialized in the sphere of petroleum and Energy. It represents an arm of the Sudanese Petroleum Corporation (SPC) for attaining the development of human resources and upgrading the performance of the SPC workforce in particular, and the petroleum Sector in general.

The General Training Approach of the PTC is:

- Training activities are based and geared in accordance with the competency based training approach.**
- PTC utilizes the services of the most outstanding experts and institutions worldwide.**

The PTC Interrelations



- Most of the national training centres in the Sudan.



- PERMATA Institute of Malaysia.



- Arab Petroleum Training Institute - Iraq.



- The International Atomic Energy Agency (IAEA).



- The United Nations Industry Development Organization (UNIDO).



- Joint Effort Group- Jordan.



- ENPI corporation, Egypt.



- Italian Institute for Petroleum.



- TRISTAR Corporation in Scotland.



- The French Institute for Petroleum. (INSP)



- * Team International - Egypt



- British Institute for Petroleum (IP)



PTC Major Clients



Petro Energy E&P
OIL & GAS OPERATING COMPANY



PTC Training Rooms





PTC Syndicate room





PTC Computer Lab





PTC Conference Hall





PTC Engineering inspection lab



PTC Welding workshop



PTC has a well equipped welding workshop with high technology welding machines. Attached to the workshop a welding simulator for virtual training



PTC Library



Instructors & Trainees Residence Building:



AREA:

**550 square
meters**

CAPACITY:

**20 Instructors
80 Trainees**



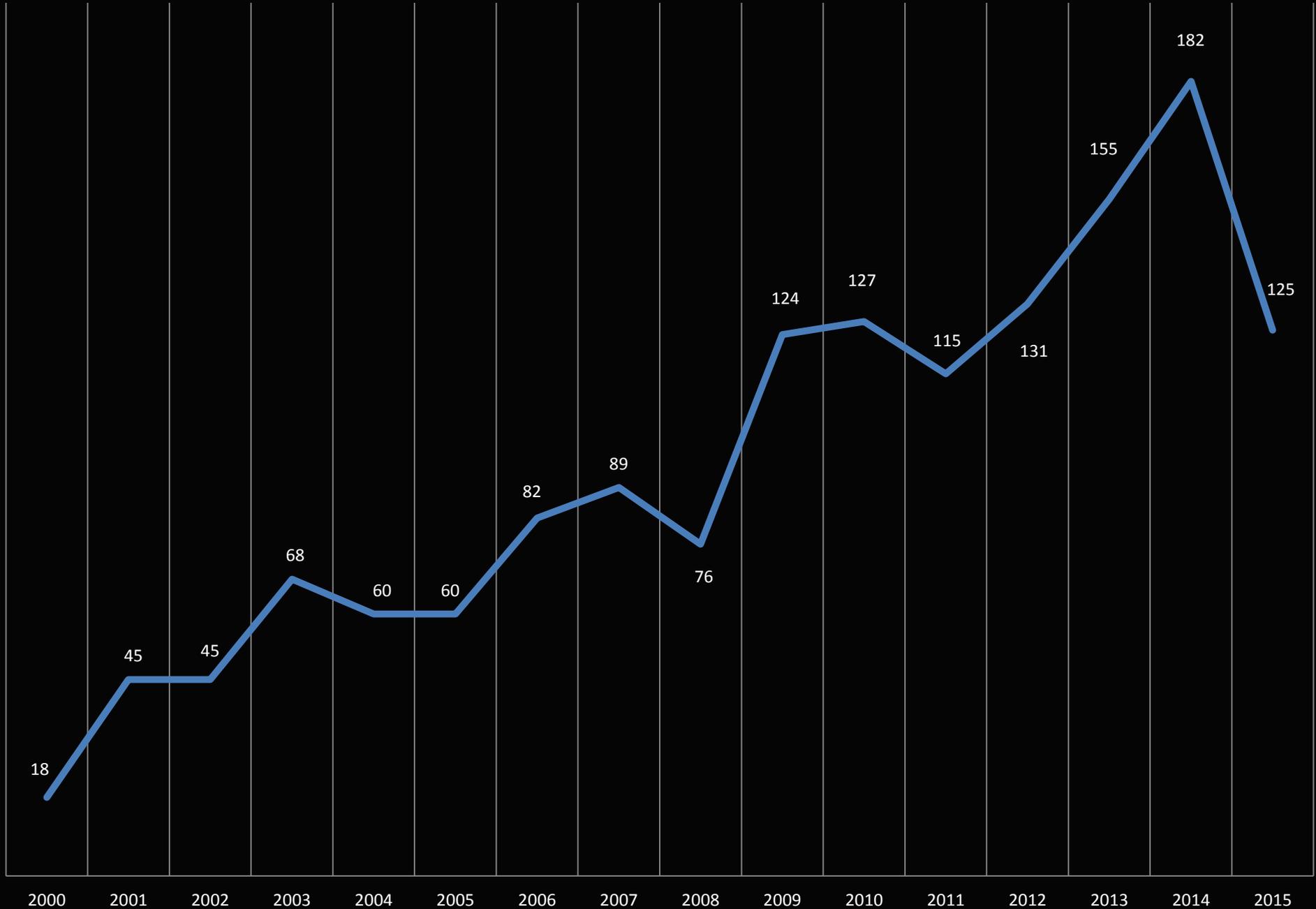


Training programs (2000 – 2015)



Year	Techn'l	IT	Finan'l & Econ'c	Mgt.	Lang's	Total
2000	8	6	1	3	0	18
2001	8	5	6	26	0	45
2002	10	7	2	26	0	45
2003	12	20	9	27	0	68
2004	26	10	8	16	0	60
2005	21	8	8	23	0	60
2006	40	7	10	25	0	82
2007	34	12	10	33	0	89
2008	26	9	12	29	0	76
2009	27	22	14	55	6	124
2010	36	21	14	46	10	127
2011	45	12	13	30	15	115
2012	55	11	13	44	8	131
2013	46	20	12	45	32	155
2014	60	19	22	59	22	182
2015	46	9	11	39	20	125
Total	500	198	165	526	113	1502

Numbers of conducted training programs (2000 – 2015)

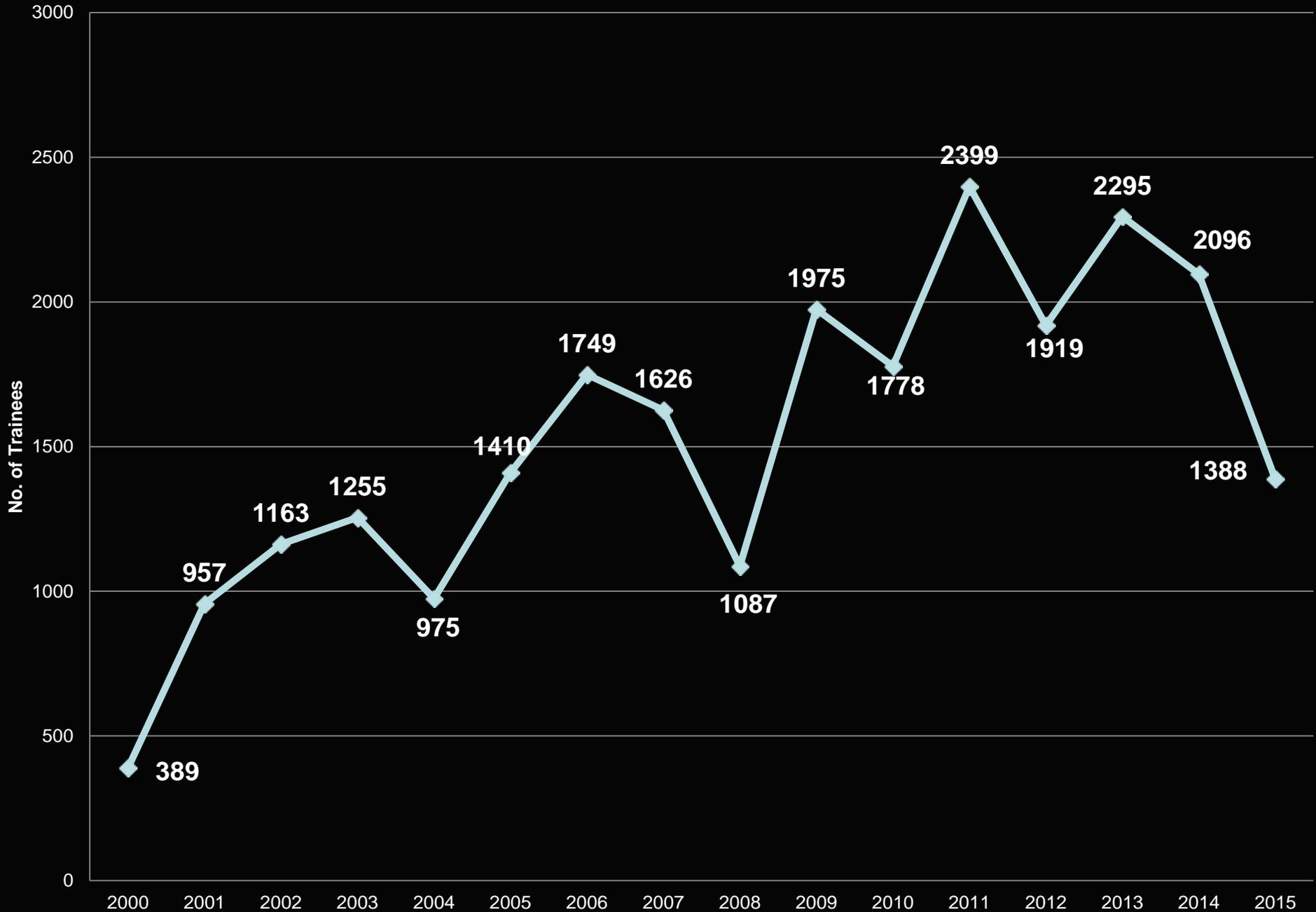


No. of Participants (2000 – 2015)



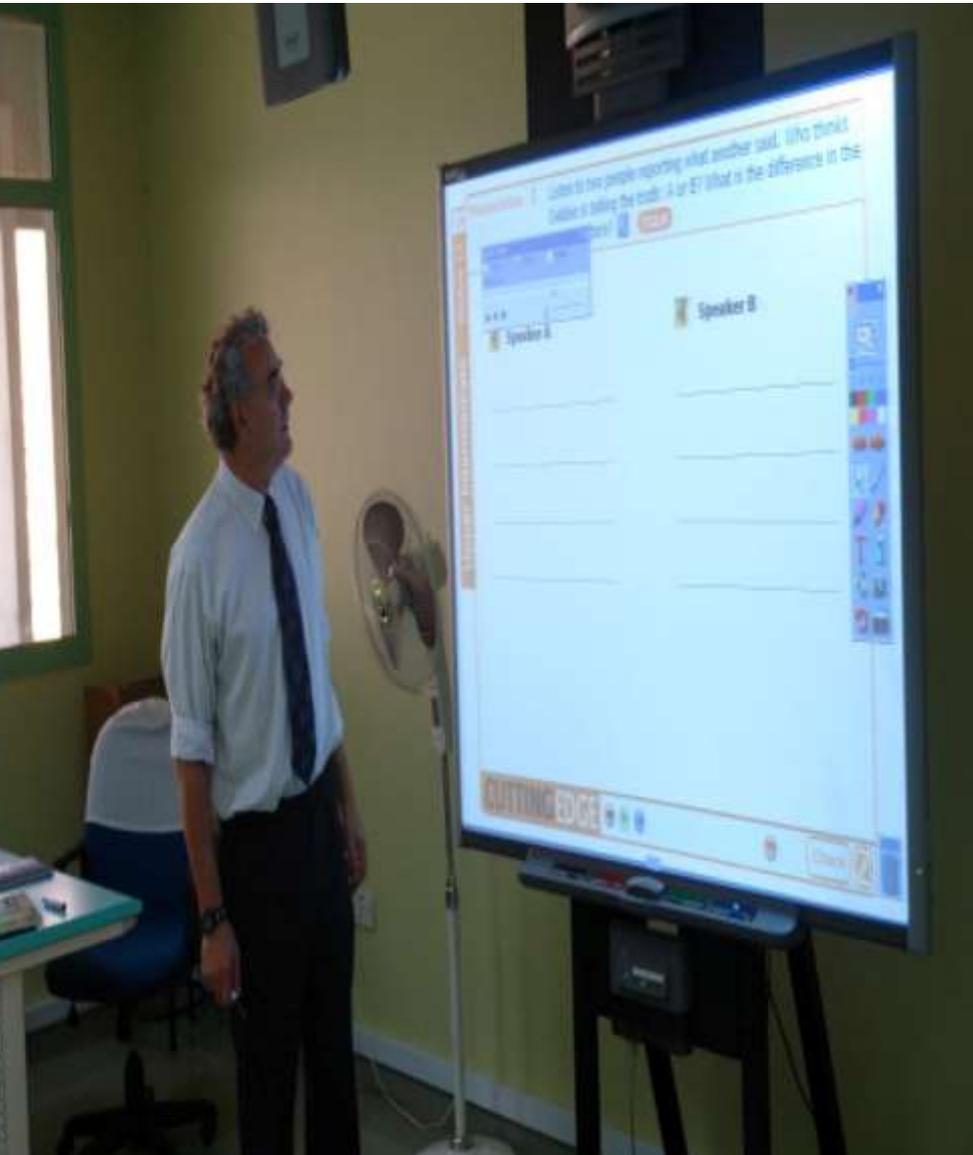
Year	Total
2000	389
2001	957
2002	1163
2003	1255
2004	975
2005	1410
2006	1749
2007	1626
2008	1087
2009	1975
2010	1778
2011	2399
2012	1919
2013	2295
2014	2096
2015	1388
Total	23073

Total Nos of Trainees /year



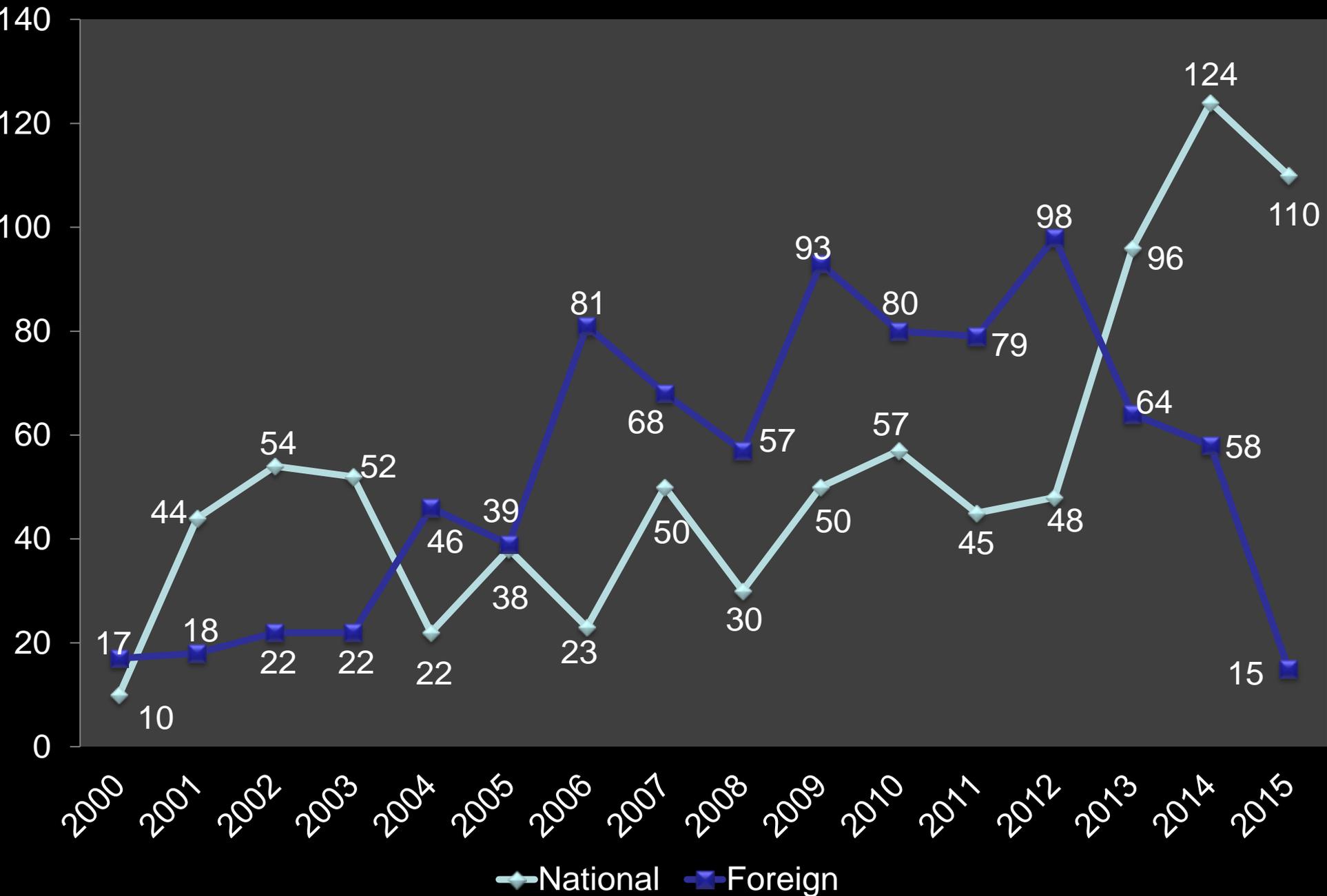


No. Experts & Trainers (2000 – 2015)



Year	National	Foreign	Total
2000	10	17	27
2001	44	18	62
2002	54	22	76
2003	52	22	74
2004	22	46	68
2005	38	39	77
2006	23	81	104
2007	50	68	118
2008	30	57	87
2009	50	93	143
2010	57	80	137
2011	45	79	124
2012	48	98	146
2013	96	64	160
2014	124	58	182
2015	110	15	125
Total	853	857	1710

Nationally & Foreigner Trainers /year





No. of Workshops and Seminars:

Mgt	Technical	Financial	IT	Total
28	12	1	1	42

No. of participants

SPC	Other companies	Total
469	1063	1532

No. of Instructors

National	Foreigner	Total
27	26	53



الرخصة السودانية لتسغيل الحاسوب
Sudanese License For Computer Operating

رقم الشهادة 25

شهادة اعتماد مراكز

تشهد ادارة برنامج الرخصة السودانية لتشغيل الحاسوب بان مركز التدريب للقطر هو مركز (مأذون بها) معتمد للرخصة لمدة عام اعتبارا من 02 / 06 / 2015م

التاريخ	2015/06/02	Date	2015/06/02
الموقع	القطر	Location	Qatar

Sponsored By: National Information Center - Sudan
برعاية: المركز القومي للمعلومات - السودان
التلفون: 249 12076097 - فاكس: 1771
E-mail: cert@slco.gov.sd
URL: www.slco.gov.sd

bsi.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that Petroleum Training Centre (PTC) Street 41, Airport, Khartoum, PO Box 2386, Sudan

Issue Certificate No: PS 77724 and operates a Quality Management System which conforms with the requirements of ISO 9001:2008 for the following sector:

Provision of training services in the field of petroleum industry, finance, accounting, information technology and management for Sudan Petroleum Corporation.

The word and initials of BSI: Gary Palmer, Global Assurance Director

Originally registered: 1/03/2002 Latest Issue: 02/04/2015 Date Next: 03/04/2016



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...making excellence a habit™

شهادة اعتماد يشهد اتحاد المدربين العرب بان مركز التدريب النفطي

قد اجتازت متطلبات لجنة الاعتماد غير اتحاد المدربين العرب وعليه يمنح

عضو هيئة معتمد

Organization Fellow Member



رئيس هيئة المدربين العرب
الدكتور يوسف عطابيا



التصديق: 09 و 10 و 11 و 12 من 2015م

موقع: - السودان

Connecting the world's human resource leadership and high performance practitioners

INTERNATIONAL FEDERATION OF TRAINING & DEVELOPMENT ORGANISATIONS (IFTDO)

(Registered in the United Kingdom as a Company and charity, www.iftdo.net)

Certificate of Membership

This is to certify that



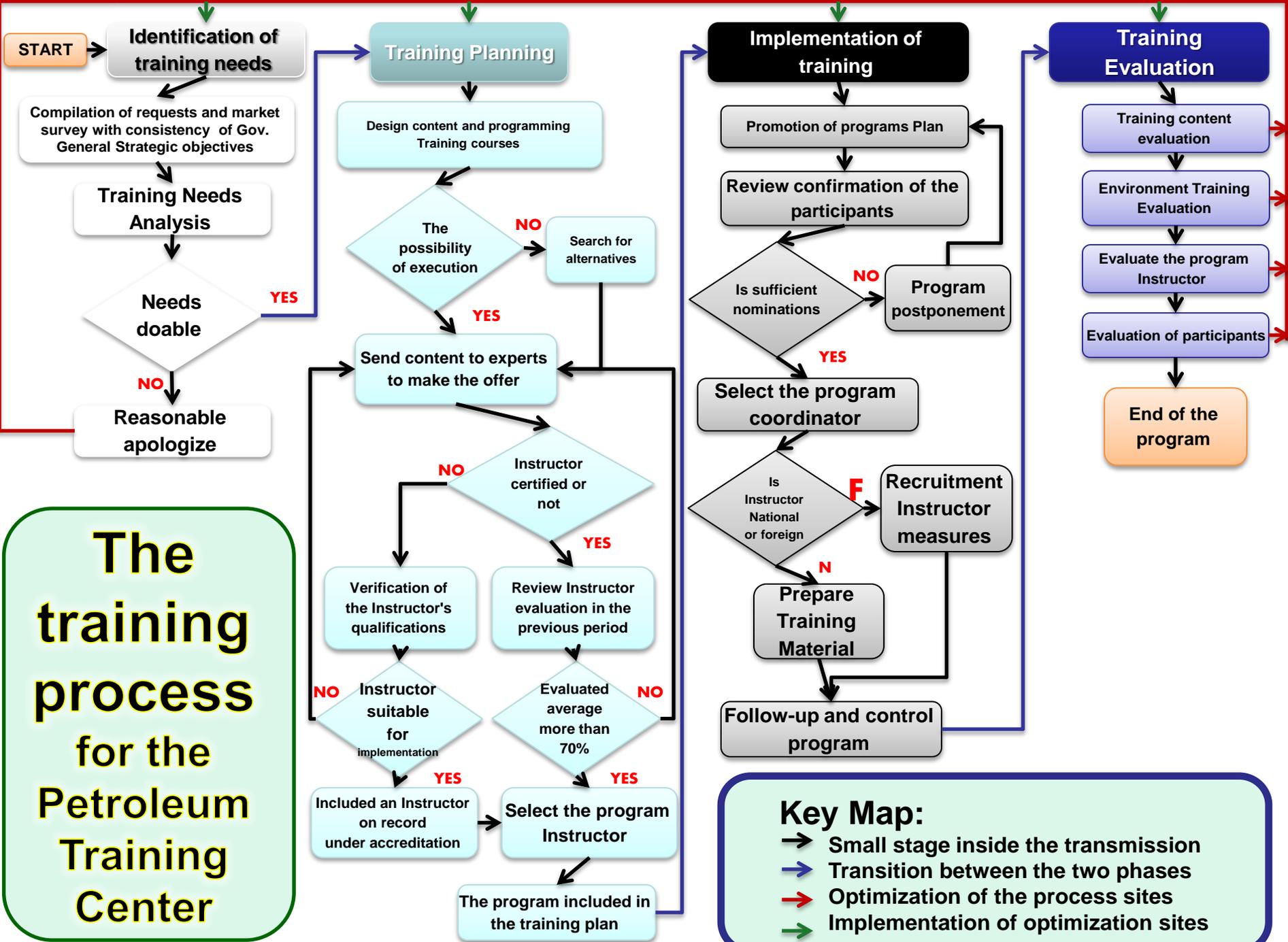
Petroleum Training Centre (Mem no. FM 200)

is a Full Member in good standing of IFTDO

for the period 2015-2016

Issued:

Dr Uddesh Kohn, Secretary General



The training process for the Petroleum Training Center

Key Map:

- ➔ Small stage inside the transmission
- ➡ Transition between the two phases
- ➞ Optimization of the process sites
- Implementation of optimization sites

Technical & Engineering.

Upstream Programs: Exploration and production

Down stream Programs: Refining, transportation, storage and Receiving Facilities

Welding and Engineering Inspection:(DT & NDT)





Training Courses



Management & planning.

Finance & Economics.

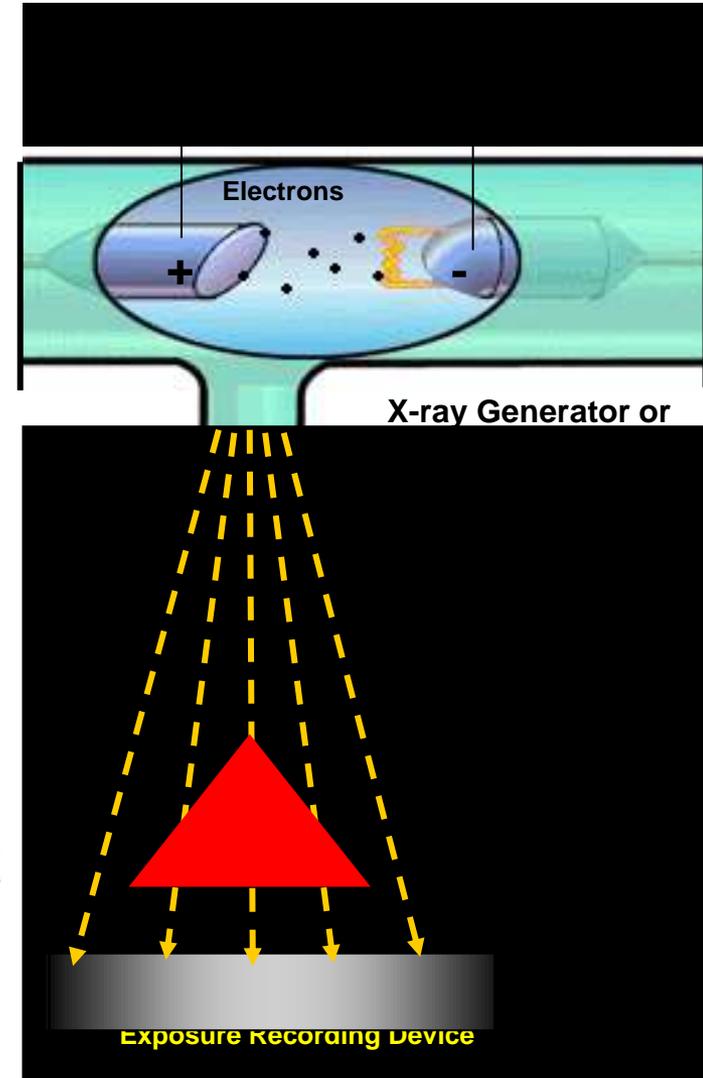
Environment & Safety.

Information Technology.

English & Chinese Languages.



- Radiography
 - Eddy Current
 - Ultrasonic
 - Magnetic Particle
 - Visual Testing
 - Liquid Penetrant





Non-Destructive Testing Training:



Welding Training Courses



The welding training programs are designed to comply with IIW requirements

PTC has started welding training courses since 2014.



SR	Course Title	No. of Participants
1	Basics of Welding and Metal Fabrication	8
2	Cutting and Welding for Maintenance	8
3	MIG Welding - Basic	10
4	TIG Welding - Basic	10
5	SMAW - Basic	10
6	Fundamentals of Welding	5
7	Fundamentals of Welding	10
Total		61



NDT & Welding Technical Services:



Also PTC started providing technical consultancy in the field of NDT & welding since 2014.

SR	Client	Services
1	Flame for Engineering & Supplies	Welders Qualification Test
2	Eltyeb Abdullah Mohamed	Sample Test
3	Petrodar Operating Co.	Welders Qualification Test (WQT)
4	Sudanese Pipelines Co.	Welders Qualification Test (WQT)
5	Sudanese Pipelines Co.	Welders Qualification Test (WQT)



Languages Training(English + Chinese)



1- ENGLISH LANGUAGE TRAINING

ENGLISH LANGUAGE TRAINING Process:

Sit for placement test

Determine the participant level

Complete the General English levels

Participants able to enroll in any Special English Courses

ENGLISH LANGUAGE TRAINING

2. CHINESE LANGUAGE TRAINING:

With the growing relationship between the Sudan and China, the need for Chinese language training has become very explicit. The PTC with assistance from CNPC started a Chinese language training program as of February 2015. The program is conducted in collaboration with Confucius Institute of the University of Khartoum.

Workshops and Seminars



DEVELOPMENT OF NATIONAL TRAINERS:



The first group of Training of the Trainers Program

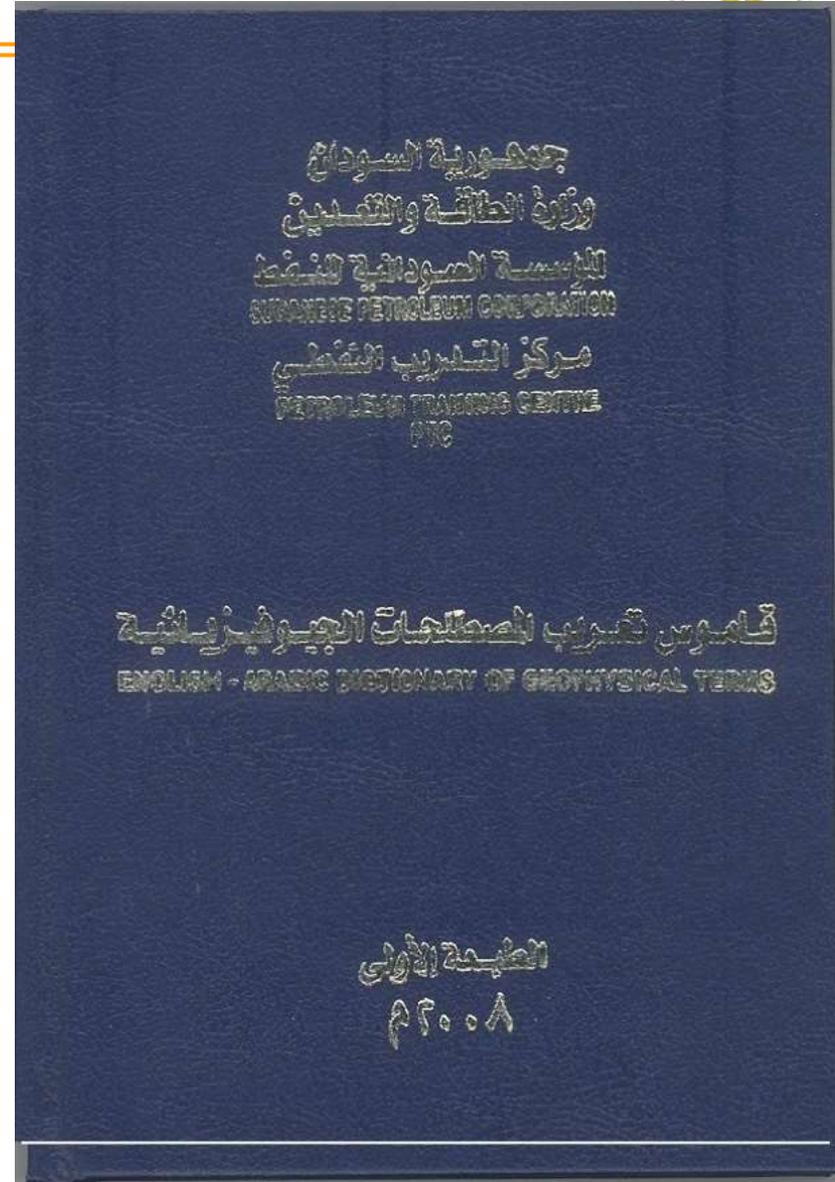
A. Technical & Management Publications

1- English-Arabic Dictionary of Geophysical Terms

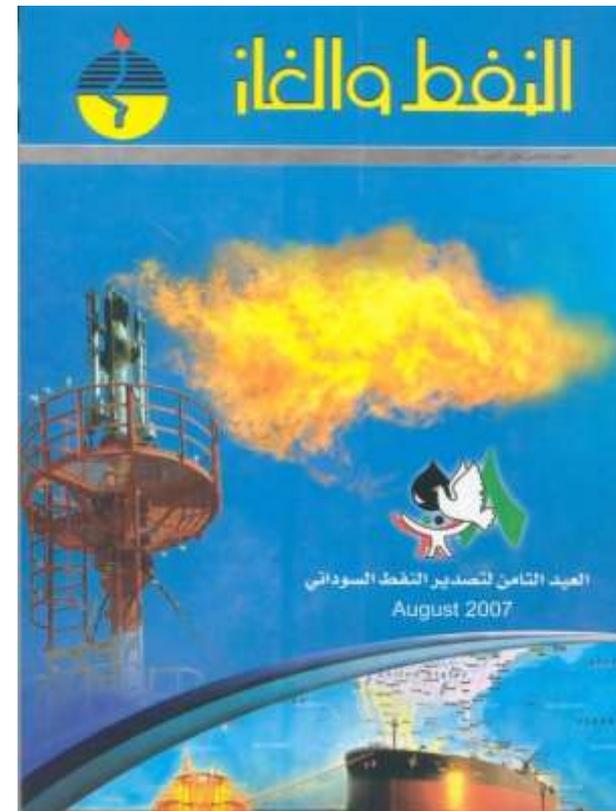
2- Oil & Gas: Formation, Accumulation, and Migration 

3- Oil & Gas: Environmental & Climate Impact

4- Terms & Abbreviations in Oil Industry



B- Oil & Gas Magazine





Extend training services to countries in the region.

Obtaining Accreditation from International Certifying bodies (NDT, Welding, HSE,..etc)

Introducing E-Learning System for special types of courses.

Completing phase II of the PTC training services by setting up Technical workshops.

Introducing Leadership Training packages.

Official Invitation



- Dear Conference Guests
- You are invited to visit us in PTC to get more familiar with our facilities and capabilities.
- Our PR in the exhibition will arrange transport for you.



