



# **QATAR PETROLEUM STANDARDISATION AND GULF STANDARDS COMMITTEE FOR OIL AND GAS INDUSTRY IN THE GCC COUNTRIES**

**OGP International Standards Workshop for the Oil & Gas Industry  
in Eastern Europe**

**15 – 16 February 2007 Sofitel, Bucharest, Romania**

**By: Saif S. Al-Naimi & Muayyad A. A. Ajjawi**

**Qatar Petroleum - State of Qatar**

## AGENDA

- 1. Qatar Petroleum Standardization and Standards Development.**
- 2. Qatar Petroleum Efforts in National, Regional and International Standardization.**
- 3. Gulf Standards Technical Committee for Oil and Gas Industry GSC OG - Background and Establishment**
- 4. GSC OG Objectives, Scope of Work, Organization, Current Situation and Future Plan**
- 5. The importance of International Standards and the Challenges Facing their Adoption in Qatar and Gulf Oil and Gas Industry.**

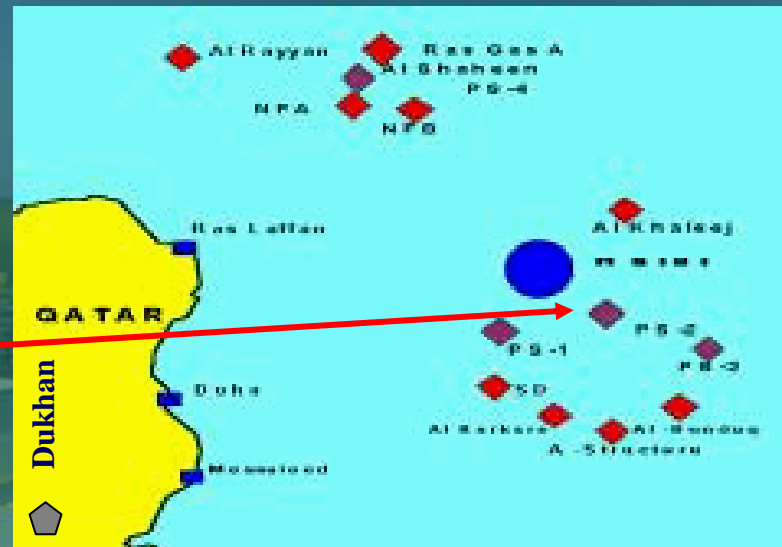
## OVERVIEW OF QATAR PETROLEUM

- ✓ Established in 1974 as a national corporation completely owned by the State of Qatar.
- ✓ Responsible for all oil and gas industry activities in Qatar, including exploration and drilling for hydrocarbon substances, production, refining, transport, storage, sale and export of the aforementioned substances and their derivatives and by-products.
- ✓ The operations and activities of QP are conducted at various onshore locations, which include Doha, Dukhan, Mesaieed and Ras Laffan Industrial Cities, as well as offshore areas including Halul Island, offshore production stations, drilling platforms and North Gas Field.



# QATAR OIL AND GAS INDUSTRY

- ➔ Qatar hydrocarbon products are produced mainly from: Onshore Dukhan Field, Two offshore oil fields (Bul Hanine and Maydan Mahzam) and North Gas Field.
- ➔ Other offshore fields have been developed in cooperation with major international oil and gas companies through production-sharing agreements.

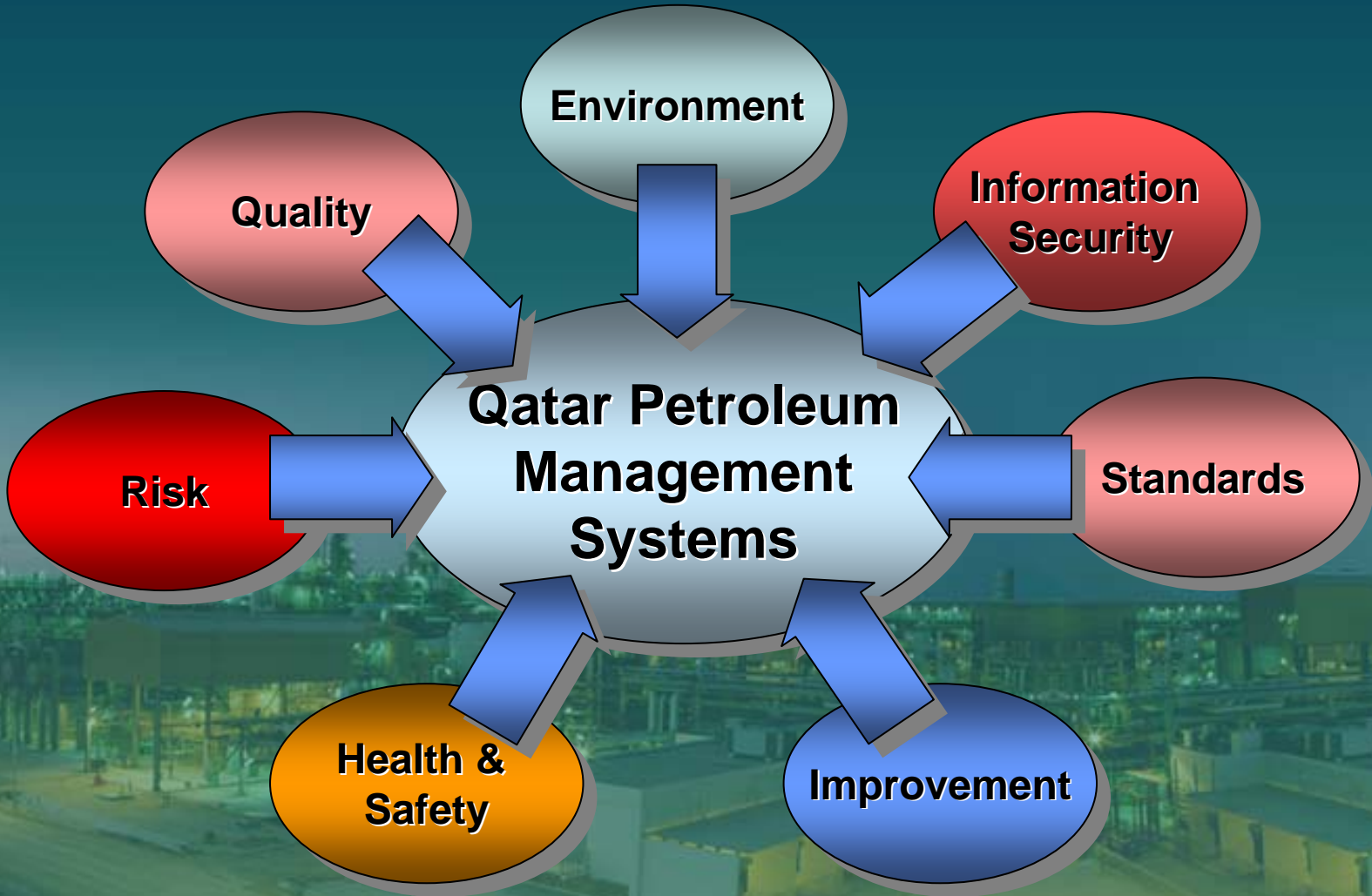


# QATAR OIL AND GAS INDUSTRY



- ➔ **Currently, there is a great emphasis on the development of the large non-associated gas reserves of North Field. Several projects; are already tapping the Gas North Field**
- ➔ **Qatar Petroleum is committed to utilizing the latest technology and to improve the recovery of oil and gas reserves through the application of well established, state-of-the-art technology as captured within international standards.**

# QATAR PETROLEUM (QP) WAY TO EXCELLENCE



## QP STANDARDISATION OBJECTIVES

*Under the Corporate Standardization Management System  
The following objectives were Endorsed by H. E. The Minister  
of Energy and Industry to:*

- **Promote the quality of material, equipment, process and services.**
- **Improve quality of work and avoid duplication.**
- **Improve quality of life by providing improvements to HSE and security standards.**

## **QP STANDARDISATION OBJECTIVES**

- **Promote economic utilization of material, energy and manpower time.**
- **Achieve cost optimization in design, construction, process and services.**
- **Achieve uniformity, reliability and efficiency of products and services.**
- **Improve project and procurement performance at all stages.**

# STANDARDISATION OBJECTIVES

**COST**



**QUALITY & HSE**



**TIME SAVING**



## **QATAR PETROLEUM (QP) STANDARDS DEVELOPMENT**

### **Generate New, Adopt International and Update Existing QP Standards to Satisfy:**

- ✓ Corporate main requirements for quality, HSE, uniformity efficiency, reliability and cost optimisation.
- ✓ Latest revisions of international, national, regional and industry standards.
- ✓ Corporate specific requirements, practices/experiences.
- ✓ National regulations and legislative rules.
- ✓ Latest Technology, market availability, cost optimization and good engineering practice.

## **QATAR PETROLEUM STANDARDISATION MANAGEMENT SYSTEM**

**Standardization Policy**

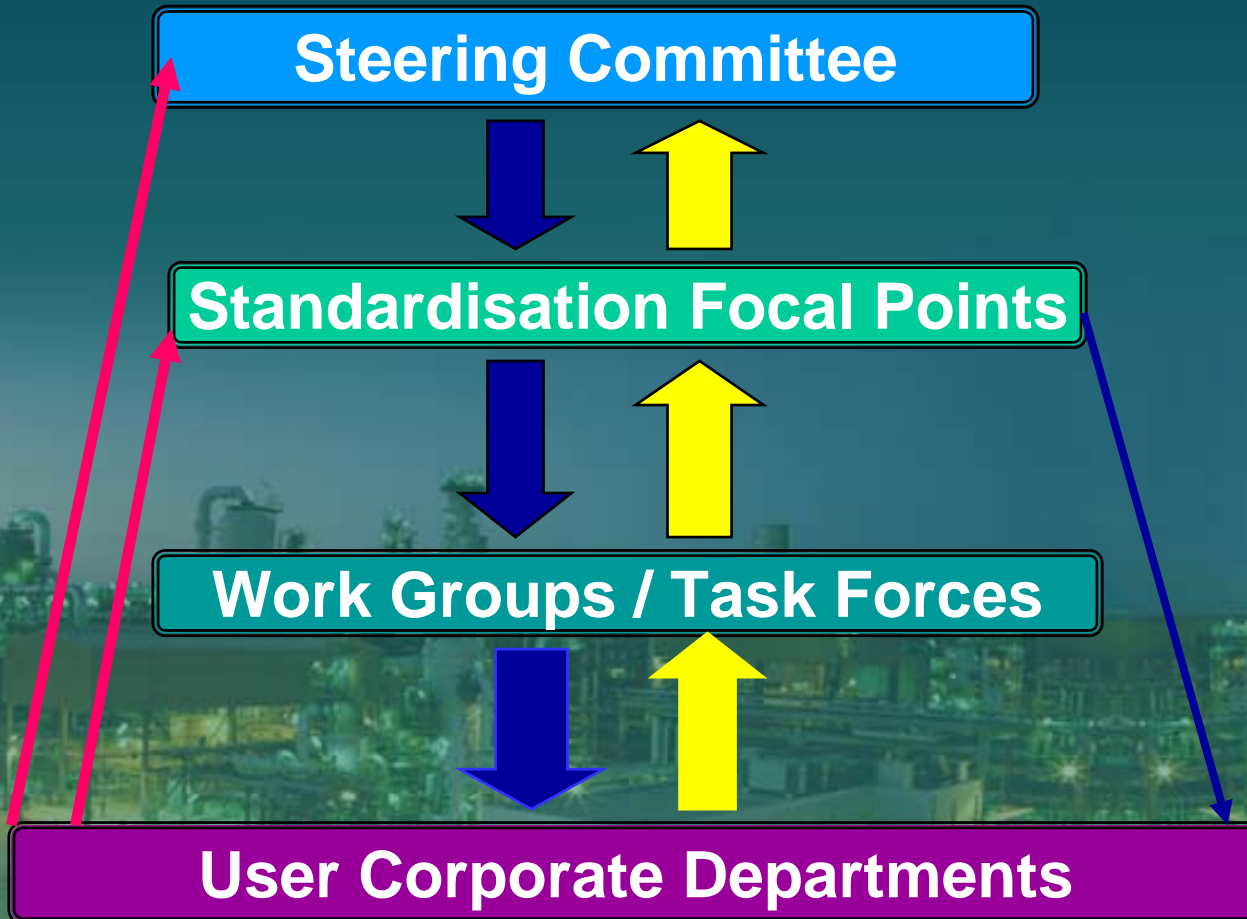
**Standardization Planning (Strategy & Annual)**

**Standardization Procedures & Guidelines**

**Standards Master Lists**

**Standards Information Database**

# QP STANDARDISATION MANAGEMENT ORGANISATION



## QP STANADRDIZATION ACTIVITIES LEVELS

- Corporate Standardization (Working Groups/Task Forces)
- National and Gulf Standardization (Technical Committees)
- Oil and Gas Producers Association (Standards Committee)
- ISO Technical Committees/Subcommittees/Working Groups

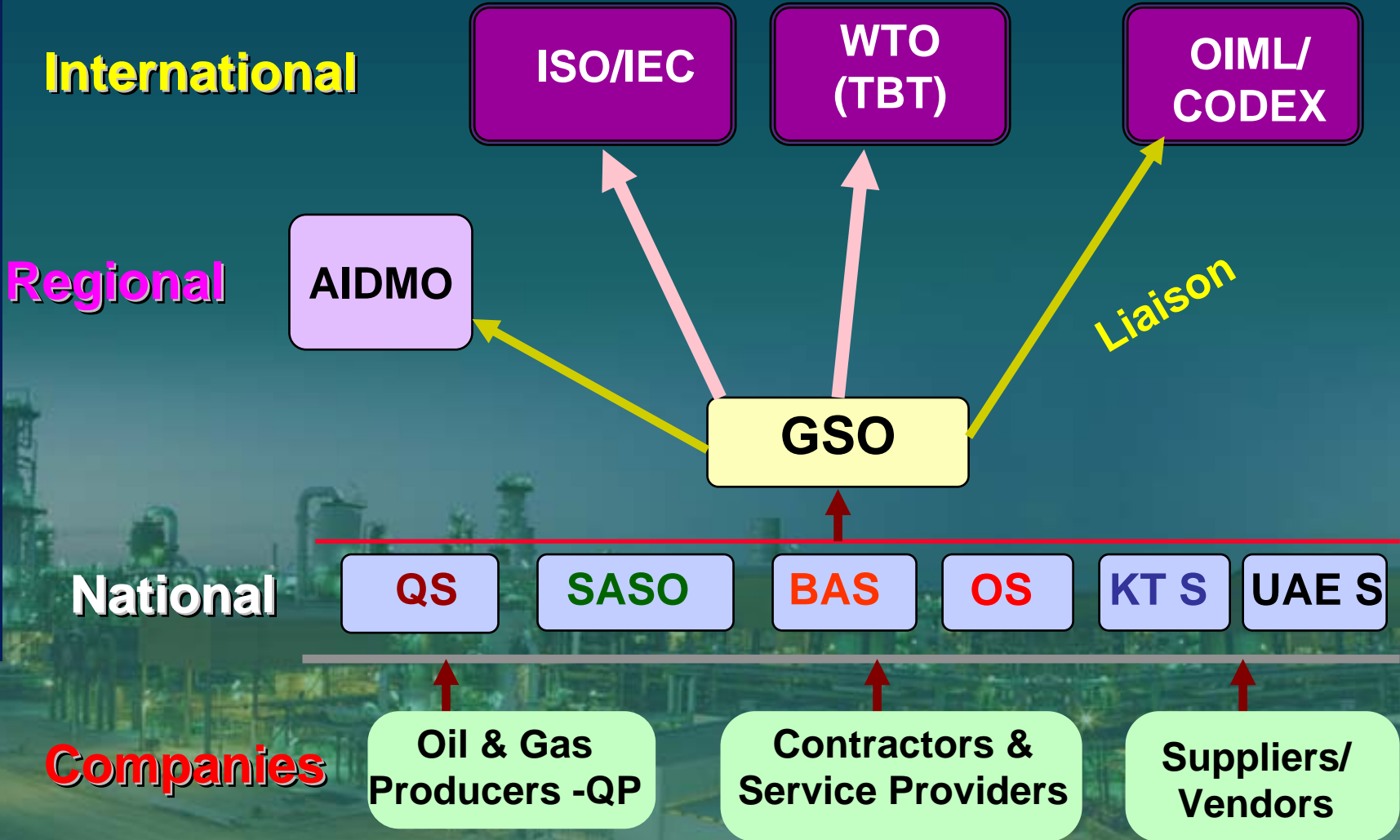
# **GULF STANDARDISATION ORGANISATION (GSO)**

It is the Gulf region standardization organization for GCC Countries (Saudi Arabia, UAE, Qatar, Bahrain, Oman). GSO members are from all national standardization organizations in these countries.



# GSO RELATIONSHIPS WITH OTHER BODIES

Recognised



## Gulf Oil and Gas Industry Standards Committee (New)

### Background & Establishment.

- **Qatar Petroleum made an initiative to Gulf oil and gas companies to establish a standardization committee from all these companies.**

All Gulf oil companies supported this initiative and agreed to meet in Doha during the OGP international Standards Workshop to finalize this issue.

- **International Standards Workshop for Global Oil and Gas Industry – Focus on the Gulf Region – 3 & 4 April 2006.**

*The main outcome was the recommendation of establishing a Gulf Region Oil and Gas Industry Standards Technical Committee.*

## Gulf Oil and Gas Industry Standards Committee (New)

### Background & Establishment, Cont,

- The preliminary meeting of Gulf oil and gas companies, QGOSM and GSO on the 5<sup>th</sup> of April 2006, who attended the workshop. The main outcome was:

*Raise the request to GSO GS for establishing this committee, as one of the GSO Technical Committees. This is to unify the oil and gas industry standardization efforts and to adopt International Standards as Gulf Standards.*

- The Committee was approved on the 19<sup>th</sup> of April 2006 by GSO G S C and Technical Council as Gulf Standards Technical Committee 7 with Qatar as Chair and Secretary.

## GULF STANDARDS COMMITTEE OBJECTIVES

### 1) General Objectives

**Guide Gulf Oil & Gas Industry Standardisation by effective participation of Committee's Members in this process on teamwork basis to accomplish the following targets:**

- a) **Unify the Gulf Oil & Gas Industry Standardization work in order to achieve uniformity, reliability and efficiency.**
- b) **Improve quality of work and avoid duplication of oil and gas standardization work within GCC..**
- c) **Achieve cost optimisation in procurement (material and equipment), design, production/processing and services.**

## **GULF STANDARDS COMMITTEE OBJECTIVES, Cont.**

### **2) Specific Objectives**

- a) Harmonize GCC current Oil & Gas companies standards with each other and with ISO standards.**
- b) Participate in ISO Technical Committees, Sub-Committees and Working Groups relevant to the Oil & Gas Industry (ISO TC 67, TC 28, TC193 & TC 176) in order to include the Gulf Region specific requirements. Also, involve Gulf Oil and Gas companies in activities of these committees as P-member.**
- d) Adopt the current International Standards (ISO/IEC), which satisfy the Gulf Region oil & gas requirements as Gulf Standards.**
- e) Establish a database for all GCC Oil & Gas Companies Standards and Specifications and provide easy access to all members.**

## GULF STANDARDS COMMITTEE – SCOPE OF WORK

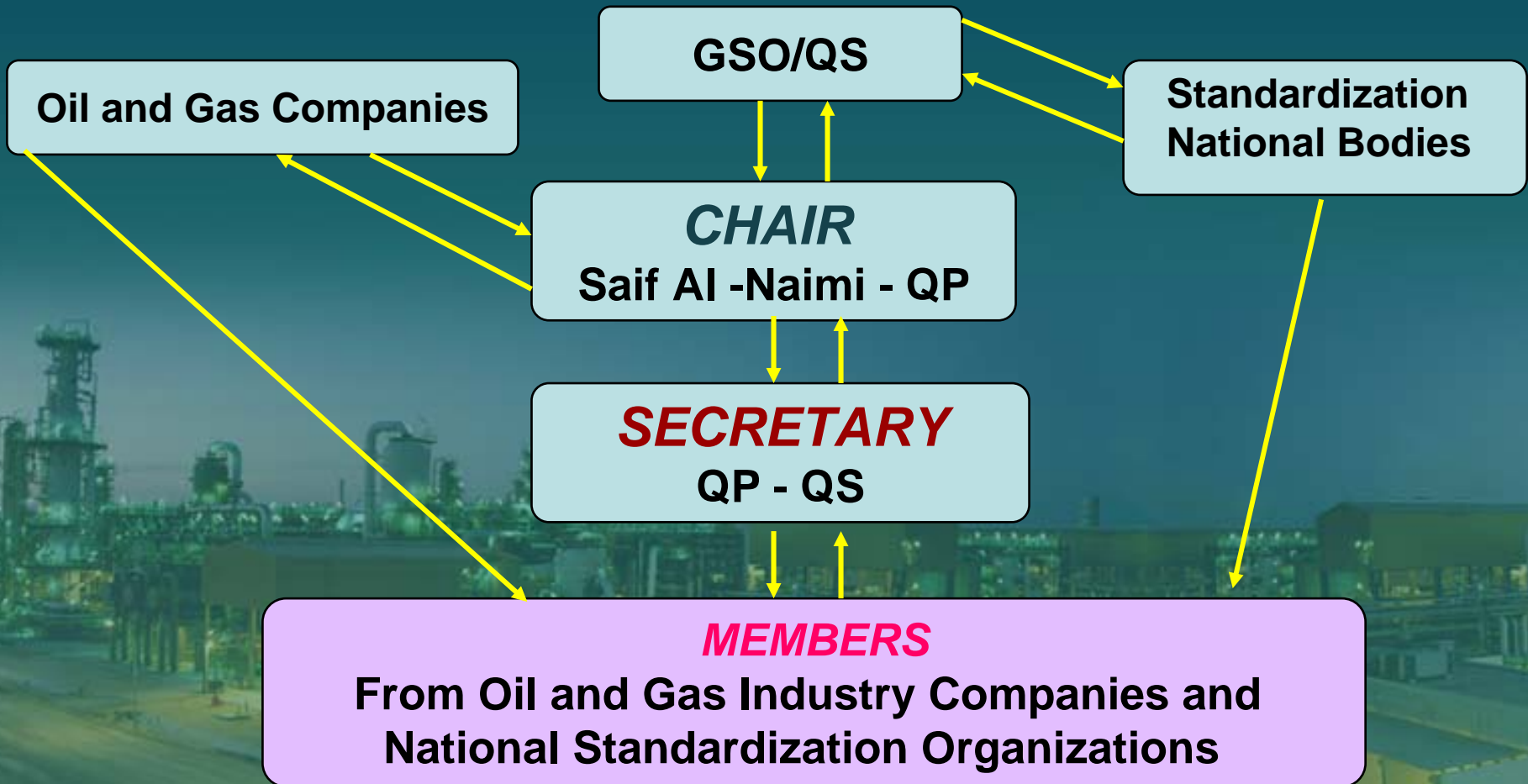
The Gulf Oil & Gas Standards Committee's will cover the following standardization activities:

- 1) Material, equipment and offshore structures used in Petroleum, Petrochemical, Natural Gas/LNG industries, i.e., (Drilling, Production, processing, transportation and storage equipment).
- 2) Petroleum and natural gas products (refined petroleum and LNG/NGL products).
- 3) The Committee will also cover standardization activities in terminology, Inspection/testing, HSE and Management Systems , (Quality, Health , Safety , and Environment).

## **Main highlights of the First Meeting of Gulf Standards Technical Committee - 28<sup>th</sup> of August 2006 in Doha**

- **Attended by GSO, Oil and Gas Companies and Standardisation Organizations in the GCC Countries.**
- **Selected Mr. Saif Al Naimi – Qatar Petroleum as a Chairman of this committee and Qatar Petroleum and QS as Secretary.**
- **Committee Members should be from oil and gas companies and standardization bodies. To provide permanent nominations.**
- **The Committee TOR/ Working Procedure should be based on ISO Directives & GSO Technical Guide 1.**
- **A presentation on the proposal for harmonization of Gulf Standards with International Standards was given by QP.**
- **All GCC Standardization Organizations should join ISO TC 67 and TC 28 as P.-member to enable active participation**

# GULF STANDARDS COMMITTEE FOR OIL AND GAS (GSC OG) ORGANIZATION



## Gulf Standards Committee for Oil & Gas Industry (GSC OG)

### *Where are we now ?*

- ✓ Nominations for Permanent Members from all GCC Countries were received.
- ✓ The Committee Terms of Reference and Working Procedure were completed and currently under committee approval.
- ✓ Qatar proposal for standards harmonization/adoption gulf team was completed and to be sent for members review.
- ✓ The proposal for 2007 Gulf plan for generating and adopting oil & gas industry standards was completed and to be discussed next meeting.
- ✓ The committee website is currently in the final stage and to be launched next meeting in mid of March 2007.

## The Importance of International Standardization For the Gulf Region



- Gulf Oil & Gas Industry can benefit from International Oil & Gas Industry experiences, new technology, managerial and organizational practices.
- Easy to prepare Gulf Oil & Gas Industry required Standards and practices, which enable companies to minimize their specifications.
- Establish common standards in Oil & Gas Industry for the benefit of world trade (Technology and information transfer) within the same regional area (Gulf).

## Challenges Facing the Adoption of International Standards in Qatar & Gulf Region

- Availability of International Standards Covering All Needs
- Operation /Existing Facilities Requirement
- Long Term Adoption of Industry and Company Standards
- Market Research – Availability of Products and Services
- Local Regulations and Legislative Rules.
- Participation in International Technical Committees Works.



***AS QATAR PETROLEUM IS COMMITTED TO EXCELLENCE,***

***WE BELIEVE THAT:***

***STANDARDISATION /GULF STANDARDS COMMITTEE***

***IS A KEY TO SUCCESS FOR OIL AND GAS INDUSTRY IN THE GCC***

***Thank You***



**E-mails:**

**[sss\\_alnaimi@qp.com.qa](mailto:sss_alnaimi@qp.com.qa)**

**[ajjawi@qp.com.qa](mailto:ajjawi@qp.com.qa)**

**Website:**

**[www.qp.com.qa](http://www.qp.com.qa)**