In the Name of God

Congress Directory

The 2nd Iranian Petroleum & Energy Club

Congress

IPEC 2016

Olympic Hotel 17- 19 October 2016

Message from the Head of the Policy Council

In regards to significance and widespread effect of country's energy sector specifically oil and gas sector on all economic and social and political ranks, development of this section is always considered as one of the system's strategic preferences in upstream documents and varied strategies and policies have been presented. But in spite of all efforts in the previous years and numerous reasons especially tyrannical sanctions imposed upon this sector last year, oil and gas industry was not able to fully perform these strategies to its potential capacities. Therefore, with entering new environment after Joint Comprehensive Plan of Action (BARJAM), it is necessary to make strategies and policies for development in petroleum and energy sector, and it leads to transit from "resources-based" paradigm to "knowledge-based" paradigm. In "resources-based" paradigm, the most efforts are concentrated on oil and gas resources production and extraction to establish energy safety and national incomes increase. That's why prosperity in this approach is measured in comparison to production rate, whereas underground resources are used as an opportunity to create and deploy technology in "knowledge-based" paradigm. However, the natural outcome of this approach is, to increase production and provide energy safety, but we cannot evaluate success by criteria such as production and sale rate in this approach. Rather, technological capabilities level and income gain is not evaluated by primary product sale rate, but by knowledge transfer. In "knowledge-based" approach, "human resources" are considered as more valuable asset than underground resources, since these resources can make gold out of copper with their creativity and innovations and of course we cannot imagine an end to these reserves. Obviously, this valuable asset can freely move in a setting under various factors specifically suitable business environment. Lucid and fair business setting lets ideas erupt and new capacities be created. Thus, beneficiaries and performers in country's energy sector can truly play their parts that private and non-governmental sector and even all units of society will be able to play their effective role as ultimate consumers and as a result, the government won't be

the only active part of this sector with all its restrictions and problems. Of course, this inward look can only get birth unless it connects to global flow of knowledge creation and uses the utmost business opportunities beyond Iran geographical borders. In fact, taking inbreeding approach can only be fruitful with a simultaneous outward look. In return, extraversion without inbreeding causes that we yield our markets which are full of desirable opportunities and occasions to global and regional rivals.

So, we must appreciate the new chances obtained in petroleum and energy sector after historical agreement of BARJAM and access development with a "knowledge-based" approach accompanying inbreeding and extraversion. In this way, we could have a notable presence in global markets especially regional ones. Hence, the general approach based on resistance economy which was the focus of previous and present congress, should boom technological and knowledge-based businesses in energy sector along with smart and effective cooperation of local private companies with international authentic partners. This very cooperation must educate mighty Iranian organizations at world class and transfer technical knowledge across the country and transform Iran into the hub of technology and industry productions in energy sector. This congress, in turn, hopes to bring its own gifts in petroleum and energy industry.

Roknoddin Javadi

Message of Chairman of the Board of Iranian Petroleum and Energy Club Congress

The Petroleum and Energy Club is a non-governmental and non-profit organization. This club operates to promote country's energy industry including petroleum, energy and renewable energies with the help of professional members and apart from any political tendency, as an independent NGO and in absolute interaction with governmental and private sectors, tries to provide grounds for qualitative and quantitative development of country's energy sector and related value chain in production, transmission, conversion and consumption sectors. The club also attempts to increase contribution and partnership of private sectors in country's energy economy in line with country's macro policies. This issue has provoked Petroleum and Energy Club to establish an event to chase perspectives and new solutions in energy sector and creating mobility in Iran's private sector in petroleum and energy zone with a strategic approach.

The presence of international reputable companies and conventions in the 2nd Iranian Petroleum & Energy Congress, is a good opportunity for gathering and confluence of elite's ideas and thoughts in order to obtain practical results and taking higher strides in country's energy sector development.

I expect this gathering would be a successful beginning for effective role-playing of NGO, private, public and governmental institutions in country's economic development and with continuation of this congress in the following years, interactions in energy business improve successfully.

In the first congress which was successfully held last year, we had more than 130 foreign guests and more than 1000 Iranian participants and this made club organizers hold and record this event as a sustainable gathering of petroleum and energy sector in national and international fields. It is noteworthy to mention all articles and

presented documentations in different sessions and workshops of the first congress are implemented and published by endless efforts of Petroleum and Energy Club.

Besides the basic topic of the second congress as Strategies of Development and Investment in Iran's Petroleum and Energy Sectors, are Inbreeding and Extraversion. This topic will be highlighted under the diverse sessions below:

Credit insurance and new methods of financing in the energy sector, Business model & structure of NOC & E&P companies, Regulators in the energy sector, strategies for development of Iran's petrochemical and their downstream units and knowing the vulnerabilities of insufficient development in Iran's private sector.

I hope optimal strategies for sustainable development and investment in Islamic Republic of Iran's petroleum and energy sector will be obtained in exchange of ideas between directors and senior experts in Iran and world's energy sector in this congress.

Seyed Mehdi Mir Moezi

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Introduction

In The Name of God

During last fifteen years, significant changes have occurred around the world in petroleum and gas upstream knowledge and related technologies along resumption ration increase. But in spite of all great achievements in this area, it seems that world petroleum industry is still at the beginning of technology development in upstream unit and there is a long way to be traversed. Our present situation in hydrocarbon fields development specially in resumption ratio increase of available fields is not ideal at all and the situation is even worse in comparison with countries like Oman, UAE and Saudia Arabia. At the other hand, Iran has achieved reputable place in efficient human resources specifically upstream experts in recent years and overflow of Iranian experts in international petroleum and gas companies can be clearly seen and felt. In fact, the hefty investment which has been spent to educate and upbring elites in country's petroleum and gas sector during the years, remained fruitless or with limited feedback for Iran petroleum industry and unfortunately we are not able to exploit them to develop and improve our petroleum industry activities. Also, although we have seen outstanding growth in petroleum and gas industries, especially reservoir engineering services and drilling activities, we were not able to achieve a reputable place. At the other hand, our research centers and universities, especially research centers related to petroleum and gas, and its upstream unit could not perform efficiently in this industry and their organic link with developmental activities has faced failure.

Our exploitation activities which are basically performed in associate and governmental companies, were not creative, innovative and technologic and it seems bureaucratic setting and its cultural milieu is a hinder in creating talents of outstanding elites.

We haven't had any long-term program to increase resumption ratio of several big petroleum fields and although sometimes, the topic of 1% increase of resumption ratio has been discussed in country's development five-year program, we were not able to codify or implement an integrated plan.

Regarding development of joint petroleum and gas fields in Persian Gulf, country's western borders, Caspian Sea and country's north-east borders, we had no success. Fortunately, this agreed issue as a massive national goal has been discussed in all professional and decision-making levels and we have access to good legislations.

In order to exploit world recent technologies and big financial resources, we must interact with outside world and cooperate with international technical companies including developer companies and engineering and petroleum and gas public services companies and alike.

In spite of Iran's massive resources and new horizons, thousands of petroleum companies based on specialized and rated definition and also hundreds of international companies including investor or only consulting and technology companies are busy working and interacting in Iran petroleum status. Surely, we have to compare factors and KPIs in this issue beyond general speaking to know where we are.

It is way clear that our inner capacities were extraordinarily high and there will be growth in an international interaction depending on Iran's national reserves which can play a high-level role in neighboring countries and other countries with hydrocarbon potential as mighty teams.

Today we have a new horizon for development of Iran Petroleum industry which we must have uttermost exploitation. We have no way but to discuss production increase rates in each field. We must compare investment rate and execution term length in each field. We must compare petroleum rate from a determined investment rate and execution term length in different regions with each other. We have to compare efficiency of various national and international companies which all of these need effective and smart management group. Ministry of Petroleum and National Iranian

Oil Company should move forward in quantitative and qualitative terms in line with great goals of Islamic Republic of Iran and the issues that have been clarified as resistance economy by Iran Supreme Leader.

World of energy is changing. What have happened in technology growth in drilling and US oil and gas shales extraction over 5 years, has affected world of energy. These changes are at the beginning of the path. Solar Energy is globalizing and presenting in more affordable costs. So if our old reservoir resumption ratio increase is not paid attention, we will face failure because of fields natural drop and markets situation interruption.

Petroleum and gas and energy issues which are being discussed in today media settings, are not all based on scientific, technical and executive facts. Judgments and decision-makings should be executed in scientific, administrative and specialized environments by trustful and professional managers. Petroleum and gas sector is still able to boost our economy and provide our national investment, form a big industrial chain in country, create productive and specialized employment and educate scientific-research centers alongside.

Today we must activate a university and research center alongside a massive oil and gas reservoir. Certainly, if our engineers and researchers are not more efficient than American, Japanese and European ones, are almost at the same level with them. Of course efficiency of these experts depends on their professional and appropriate education and effective and smart management. This important duty is on shoulders of Petroleum industry managers, and even non-governmental sectors managers who were able or will be able to control and monitor part of petroleum, gas and energy areas.

Iran geopolitical situation have provided an extraordinary opportunity to transform into a regional energy hub and energy regional business and oil and gas pipelines and electricity delivery lines. Our massive shores in Persian Gulf and Gulf of Oman with great oil and gas resources, is an extraordinary talent to bring endogenous growth

in interaction with outside world and show up Persian civilization in Persian gulfs against Arabian-countries neighbors.

If our hundreds and thousands experts in energy fields such as electricity, electronics, computer, mechanics and also petroleum and gas especlized and general areas like accounting, law and banking are unemployed, is due to our management weakness and our inability to create required job opportunities to use underground resources and our specialized human resources.

We expect a bright horizon for our youth by expanding country's energy sector.

Gholamreza Manouchehri

Secretary of Iranian Petroleum & Energy Club

Organiser; The Iranian Petroleum & Energy Club

The Iranian Petroleum & Energy Club aims to promote efficiency and sustainable growth in Iranian energy sector by providing demand led policy advice based on professional experience and frontier research. As a professional and not-for-profit association, we facilitate knowledge transfer to hundreds of energy executives and young entrepreneurs which help them better understand the financial and Management issues that shape the current energy environment in Iran. In collaboration with our network of professional executives, leading academics and field experts, we provide impartial and evidence-based policy recommendations for decision-makers in the energy sector; recommendations which have been successful in addressing some of the most entrenched challenges of Iranian energy sector.

We follow out our missions by forming specific workgroups to perform needed researches and to provide specific and general consultancy to these sections and provide strategy, solutions and also to hold strategic meetings, conferences and congresses. We fit to evaluate the issues from a strategic view, observing and tracking changes and analyzing important and influential events in national, regional and global levels.

Council (Alphabetical Order)

Reza Afshin. Habib Aminfar, Hamidreza Araghi, Habibollah Bitaraf, Ardeshir FathiNejad, Amin Haj Rasooliha, Mohammad lravani, Mohammad Melaki, Seyyed Mehdi Mirmoezzi, Nosrat Rahimi, Freydoon Saghafian,

Board of Directors (Alphabetical Order)

Mohammad Iravani, Aidin Khatlan ,Seyed Mehdi Mir Moezi, Gholam Reza Manouchehri, Saeed Marjovi, Mohammad Sohofi, Seyed Abolhasan Seyed Khamooshi

Organiser Partners

- Vice- Presidency for Science and Technology of Presidency of the Islamic Republic of Iran
- Ministry of Petroleum
- Ministry of Energy
- Ministry of Industry, Mine & Trade
- National Iranian Oil Company
- Tavanir
- National Iranian Gas Company
- Industrial Development & Renovation Organization of Iran
- National Iranian Oil Refining and Distribution Company
- Renewable Energy Organization of Iran
- National Petrochemical Company
- Gas Exporting Countries Forum (GECF)
- University of Tehran
- Sharif University of Technology
- Amirkabir University of Technology
- Petroleum University of Technology
- K.N.Toosi University of Technology
- Shahid Beheshty University
- Research Institute of Petroleum Industry
- Niroo Research Institute
- Iranian Petroleum Institue
- Iranian Society of Consulting Engineers
- Society of Iranian Petroleum Industry Equipment Manufacturers
- Tehran Chamber of Commerce Industries, Mines & Agriculture
- Association of Petroleum Industry Engineering & Construction Companies
- Iran Industrial Equipment Manufacturers Association
- Engineering & Construction Companies Association
- Iranian Oil, Gas and Petrochemical Products Exporters Union

Policy Council

- Roknoddin Javadi (Head Policy Making Council of Congress and Deputy Oil Minister for Supervision on Hydrocarbon Resources)
- Mahmoud Nili Ahmadabadi (President of the University of Tehran)
- Sattar Mahmoudi (Deputy Energy Minister)
- Mansour Moazzami (Deputy Minister of Petroleum and Chairman of the board of Directors of the Industrial Development and Renovation Organization)
- Hamid Reza Araghi (Deputy Petroleum Minister and Managing Director of National Iranian Gas Company)
- Marzieh Shah-Daei (Managing Director of National Petrochemical Company Vice Minister of Petroleum,)
- Houshang Falahatian (Deputy Energy & electricity Minister)
- Mohamad reza Moghadam (Vice president of engineering, research and technology Petroleum minister)
- Amir hossein Zamani Nia (Deputy Petroleum Minister for Commerce and International Affairs)
- Habibollah Bitaraf (Petroleum and Energy Club's Supreme Council)
- Seyed MehdiMir Moezi (Chairman of the Board of Iranian Petroleum and Energy Club Congress)
- Gholamreza Manouchehri (Congress Secretary)
- Hossein Kazempour Ardabily (Iran's OPEC Governor)
- Abbas Ali Abadi (CEO of MAPNA Group)
- Mohamad H. Panje Shahi (Chairman of Petroleum Engineering Institute of Tehran University)
- Saeed Mohtadi (Chairman of Iran Industrial Equipment Manufacturers Association)
- Behzad Hazrati (Chairman of the Board of Association Oil, Gas and Petrochemical Engineering and construction companies)

- Reza Khayamian (Chairman of Society the Iranian Petroleum Industry Equipment Manufacturers)
- Behrouz Gatmiri (President of the Iranian Society of Consulting Engineers)

Scientific Committee

- Mohammad Hasan PanjeShahi
- Mohammad Hasan Peyvandi
- Ali Emadi
- Majid Amidpour
- Abdolnabi Hashemi
- Fardad Daliri
- Bahman Masoudi
- Iraj Ghorbani
- Ali Kalantari
- Akbar Shabanikia
- Parviz Afshari

Congress Topics

Strategies of Development & Investment in Iran's Petroleum and Energy Sectors

- Business model & structure of NOC & E&P companies
- The necessity of EOR projects in petroleum and gas fields of Iran and review of world experiences
- Strategies of serious presence of the private sector in Iran's petroleum and gas industry
- Regulators in the energy sector, world experiences and national strategies
- Challenges and strategies to promote technology transfer
- Investment models and foreign companies' partnership with Iran private sector in power industry
- Foreign investment experiences in power sector
- Future plans of Petrochemical Industry
- Development and renovation strategies of downstream unit

Congress & Exhibition Executive Team

Executive Director	Mohammadreza Abdollahi
Secretariat Consulters	Ali Khajavi, Ali Pour Ebrahim
Head of the Secretariat	Mitra Rostamkhan
Members of the Congress Secretariat	Azadeh Shabani, Maryam Abhari, Maryam Mirarab, Nahid Taghipour
Exhibition Manager	Ali Golriz
Exhibition Marketing	Sahar Ganjineh
Financial Managers	Somaye Mansouri, Sadegh Shirazi, Soroush Malek Mohammadi
Procurement Manager	Morteza Bayat
Organizer Staff	Sharareh Vakil, Shabnam Esfandiarpour, Ebrahim Arshadi, Maryam Soleymani
Graphist & Designer	Elahe Lotfi, Saeed Hosseni

Congress Sponsors

Platin Sponsors

- Mapna Group
- Pasargad Energy Development Company
- Dana Energy Group
- Hirbodan Company
- Nargan Company
- JahanPars Group
- Persian Gulf Petrochemical Industries Company
- Iran Arvin Company

Silver Sponsors

- OIEC
- Iranian Investment Petrochemical Company

Media Sponsors

upstream
THE INTERNATIONAL OIL & GAS NEWSPAPER

BEDigest
Business & Economy Digest

argus

Energy Intelligence

The 2nd Iranian Petroleum & Energy Club Congress & Exhibition at a Glance

IPEC 2016

First Day Schedule						
Monday 17 Oct 2016						
15:45-17:30	15:15-15:45	13:30-15:15	12:30-13:30	11:30-12:30	9:30-11:30	8:00-9:30
Business model & structure of NOC & E&P companies	Break	EOR panel	Prayer & Lunch	Exhibition Opening & Break	Opening	Breakfast & Reception

Second Day Schedule						
Tuesday 18 Oct 2016						
15:45-17:30	15:15-15:45	13:30-15:15	12:30-13:30	11:00-12:30	10:30-11:00	8:30-10:30
Closing	Break	Private Sector Panel in Petroleum & gas industry	Prayer & Lunch	Future Plans & strategies for development of Petrochemical	Break	Power Panel

Congress Programs

Congress Detailed Schedule
17 October 2016

Topic		Speaker's Name	Time
Breakfast & Reception			**8:00-9:30**
Congress Opening			**9:30-11:30**
Exhibition Opening- Break			**11:30-12:30**
Prayer & Lunch			**12:30-13:30**
13:30-15:15	**The necessity of EOR projects in petroleum and gas fields of Iran and review of world experiences**	Jonathan Evans, Senior Presentative at BP Exploration	13:30-14:05
		Richard Keith Penney, Vice President Field Development at Schlumberger	14:05- 14:40
		Danielle Morel, EOR Expert, TOTAL	14:40-15:15
Break			**15:15-15:45**
15:45-17:30	**Business model & structure of NOC & E&P companies**	Martin Bachmann, Executive Board Member for Exploration & Production Europe/Middle East of Wintershall/BASF Group	15:45-16:20
		Lyu Gongxun, Vice president of Petrochina & President of CNODC	16-20-16:55
		Gholamhossein Nozari, Chairman of the Board of Directors, Tadbir Energy Development Group	16:55-17:30

18 October 2016

Topic		Speaker's Name	Time
8:30-10:30	Power Panel	Giuseppe Zampini, CEO of Ansaldo Energia	8:30-9:00
		Mohammad Malaki, Chairman of the Board of Pasargad Energy Development Co.	9:00-9:30
		Abbas Aliabadi, CEO of Mapna Group	9:30-10:00
		Mohammad Sadegh Ghazizadeh, Head of the Energy Research Institute	10:00-10:30
Break			**10:30- 11:00**
11:00-12:30	Future plans and strategies for development of Iran's petro-chemical and their downstream units	Marziyeh Shah-Daei, Deputy Minister & Managing Director of National Petrochemical Company	11:00-11:22
		Adel Nezhad Salim, CEO of Persian Gulf Petrochemical Industries Company	11:22-11:44
		Aman Amanpour, President of AmanpourConsult-Senior International Petrochemicals and Energy Consultant- Germany	11:44-12:06
		Arata Sahara, Senior Vice President, Operations Director of Downstream & Non Hydrocarbon Project Operations, Chiyoda Corporation	12:06-12:30
Prayer & Lunch			**12:30-13:30**
13:30-15:15	Strategies of serious presence of the private sector in Iran's petroleum and gas industry	Seyed Mehdi Mir Moeazi, Chairman of the Board of Iran Petroleum Institute	13:30-13:51
		Davoud Rabani, CEO of Bakhtar Petrochemical Company	13:51-14:10
		Reza Padidar, Chairman of the Jury of Society of Iranian Petroleum Industry Equipment Manufacturers (SIPIEM)	14:10-14:31
		Ghodratolah Nobakht, Advisor to CEO of Namvaran Consulting Engineers Company	14:31-14:52
		Mohammad reza Tabibzade, Member of the Board of APEC	14:52-15:15
Break			**15:15-15:45**
Closing			**15:45-17:30**

Keynote Speakers Curriculum Vitae

Iranian Petroleum & Energy Club Congress

IPEC 2016

Olympic Hotel 17- 19 October 2016

Ali Kardor

Deputy Petroleum Minister and Managing Director of National Iranian Oil Company

Personal Information

Ali Kardor, Date of Birth:1954

Education

B.A.Degree in: Financial Managment

Work Experience and Designation

June 1975- Sept 1980:	Audit Director, Private Audit Institute
Sept 1980- Sept 1981:	Reconstruction of Destroyed in War Areas, & Urbanization Minister-Kordestan Province
Sept 1981- Dec 1981:	Managing Director, Audit Organization in Bonyad mostazafan Foundation
Des 1981- Aug 1982:	Acting of Minister's Deputy, Ministry of Commerce
Aug 1982- Des 1982:	Acting of Minister's Deputy, Ministry of Industries
Des 1982-Nov 1984:	Deputy of Minister, Ministry of Industries
Nov 1984- May 1986:	Audit Manager, Iran Development & Renovation Organization
May 1986- Oct 1989:	Administration, Business & Finance Director Acting of Petroleum Minister's Deputy Board Member in NIGC
1980- 1990:	Acting of minister's Deputy in Business Affairs, Ministry of Petroleum
1991- 1994:	Managing Director & Board Member in NIOC, Ministry of Petroleum (Tehran Kala Naft Company)
June 1994- June 1995:	Managing Director, Ministry of Petroleum (London Kala Naft Company)

June 1995- Mar 1996:	Advisor to Oil Minister, Ministry of Petroleum
Mar 1996- May 2006:	Finance Director & Board Member in NIOC, Ministry of Petroleum (NIOC)
May 2006- Sept 2013:	Advisor to NIOC's Managing Director & Chief Executive Office of Article No.44 of IRI Constitution & ERP Manager, Ministry of Petroleum (NIOC)
Sept 2013- June 2016:	Vice President in Investment & Financing, Ministry of Petroleum (NIOC)
June 2016 To date:	Managing Director of NIOC, Ministry of Petroleum (NIOC)

In Addition to the above Responsibilities:

- Member of Auxiliary Commission of Economic Council (for 6 years)
- Member of Currency & Credit Council (for 3 years)
- Member of Association of Certified Accountants (from establishment)
- Board Member of Professional Finance Directors Association
- Member of Supreme Council of Audit Organization in Bonyad Shaheed Foundation
- Legal Auditor to Audit Organization of National Iranian industries Organization

Rokneddin Javadi

Deputy Petroleum Minister of Supervision on Hydrocarbon Resources

Personal Information

Rokneddin Javadi, Date of Birth:1975

Education

Bachelor in Electrical Engineering

Master in Management

Work Experience and Designation

1985-1989: General Manager Engineering & Constriction Affairs (NIOC)

1989-1994: Director for Engineering and Construction & Member of Board of Directors National Iranian Gas Company (NIGC)

1994-1999: Board Member & Director for Projects Oil Industries Engineering & Constriction

1999-2002: Board Member & Director for Procumbent KALA NAFT LTD LONDON

2002-2007: Vice Chairman & CEO for National Iranian Gas Export Company (NIGEC)

2007-2013: Vice Chairman & CEO Oil Industries Engineering Constriction Company (OIEC)

2013-2016: Vice Minister & CEO National Iranian Oil Company (NIOC)

From June 2016: Vice Minister Supervision on Hydrocarbon Recourse

Marziyeh Shah-Daei

Managing Director of National Petrochemical Company

Personal Information

Marziyeh Shah-Daei, Born in 1961

Academic Background

Bachelor of Science in Chemical Engineering, Sharif University of Technology, 1987
Master of MBA, University of Calgary, Canada, 2005

Professional and executive Background

1989-1991: Master of planning and projects development control (Technical services of National Petrochemical Company), Arvand Petrochemical Board Member

1991-1995: Master of Ahvaz industrial carbon black project engineering

1995-2001: Master of planning and Bandar Emam petrochemical production control

2001-2006: Head of projects process engineering (National Petrochemical Company)

2004-2005: Petrochemical committee member of Iranian Petroleum Institute and member of Petroleum and Energy Club

2005-2006: Deputy General Director of Supervision on Projects Engineering (National Petrochemical Company)

2006-2009: Asaluyeh phase 2 Engineering Director (Damavand Development Management and Petrochemical Company)

2009-2013: Director of supervision on Special Regions Plans Engineering (National Petrochemical Company)

2013-2014: Minister of Petroleum Counselor Secretary in Petrochemical and CEO

2014- Up to now:	National Petrochemical Company projects Manager, Damavand Petrochemical Company Board Member
2015- Up to now:	National Petrochemical Company Board Member, Pars Special Economic Energy Zone Board Member, Strategic Council Head of Petrochemical Companies in Asaluyeh

Gholamreza Manouchehri Ardastani

Deputy of Engineering and Development of National Iranian Oil

Personal Information

Gholamreza Manouchehri Ardastani

Education and Academic Background

1970-1974: Diploma in mathematics, Isfahan Hakim Sanai high school

1974-1978: Civil Engineering, Technical faculty of Tehran University

1978-1980: Master of Civil Engineering, Technical faculty of Tehran University

Doctor of Civil Engineering, Aechen University of Germany

Work Background

1980-1981: Jihad of Construction expert- Isfahan

1983-1985: Supervision group manager of Tehran regional water

1985-1989: Director and chairman of the board of Tehran water & wastewater

1989-2001: Deputy minister of energy in urban water & wastewater and CEO of country water& wastewater

2001-2002: Energy minister secretary

2001-2002: Petroleum minister secretary

2001-2003: Project manager of phases 6,7,8 of South Pars & member of the board of directors- Petropars Co- Tehran

2003-2009: CEO & Petropars member of the board- Tehran

2011-2012: Sadid Industrial Group CEO

2012-2013: CEO of Kayson Oil, Gas & Energy company

2014-2016: CEO of Iranian Offshore Engineering and Construction Company

2013- Up to now:	Energy minister secretary
2014- Up to now:	Petroleum minister secretary
2016- Up to now:	Deputy Managing Director of the Development and Engineering (The National Iranian Oil Company)

Mehdi Mirmoezi

Chairman of the Board of Iran Petroleum Institute, CEO of Pasargad Energy Development Co.

Personal Information

First Name: Mehdi

Last Name: Mirmoezi

Birthday: 1954

Education: Bsc. Industrial Management
Msc. Industrial Management

Language(s): Farsi Mother Language, English, Fluent

Fields of experience: Oil, gas, Petrochemical, and Energy Section

Work Experience(s):

1. 2008- Present: Pasargad Energy Development Company (PEDC)
   Member of Board of Directors and Managing Director
2. June.2016 Iranian Petroleum and Energy Club
   Chairman of Board of Directors
3. Jan. 2015 Iranian Petroleum Institute
   Chairman of Board of Directors
4. Sep.2014-July 2015 Petropars Ltd
   Chairman of Board of Directors
5. June.2014-April 2015 IOEC Ltd
   Chairman of Board of Directors
6. 2006-2010 Petropars Ltd
   Chairman of Board of Directors
7. 2006-2010 Institute of Petropars Oil and Gas

	Chairman of Board of Directors
8. 2005 – 2007	Advisor to Iran's Oil Minister
9. 2001 – 2005	A. Deputy of Iran's Oil Minister at Oil affairs B. National Iranian Oil Company Managing Director
8. 1998 – 2000	Deputy of Iran's Oil Minister at Engineering and Projects affairs
9. 1994 -1998	Petrochemical Industry Investment Company Managing Director
10. 1989 -1994	Petrochemical Company, Bandar Imam Managing Director
11. 1985-1989	Plan and Budget Organization (PBO) Deputy at Production Affairs
12. 1982 – 1985	Plan and Budget Organization (PBO) Industrial Manager
13. 1979-1982	Dural Company Member of board of directors and Factory Manager
14. 1977-1979	Dural Company Industrial Manager

Gholamhossein Nozari

Chairman of the Board of Director, Tadbir Energy Development Group

Personal Information

Gholamhossein Nozari

Date of Birth: 1954

Education

M.S. Industrial Management, Tehran University

B.S. Applied Oil Engineering, Petroleum University of Technology

B.S. Soil Engineering, Ahwaz University

Managerial & Governmental Experience

Petroleum Minister of the Islamic Republic of Iran, 9th Government

Member of the fourth Islamic Consultative Parliament

Member of the fifth Islamic Consultative Parliament

Member & First Deputy of the Oil Commission of Islamic Consultative Parliament

Member of the Budget Consolidation Commission of the Islamic Consultative Parliament

Executive Experience in Oil Industry

Managing Director, National Iranian Oil Company

Chairman of the Board of Directors, National Iranian South Oilfields Company

Chairman of the Board of Directors, Pars Oil & Gas Company

Chairman of the Board of Directors, Petroleum Engineering & Development Company

Chairman of the Board of Directors, Iranian Offshore Oil Company

Chairman of the Board of Directors, National Iranian Drilling Company
Managing Director, Iran Central Oilfields Company
Chairman of the Board of Directors, Tadbir Energy Development Group
Member of the Board of Directors, Tadbir Economic Development Group

International Energy Experience

Active participation in the establishment of the Gas Exporting Countries Forum (GECF)
Constructive role in OPEC Oil Ministers Summit
Conducting and managing the privatization rules for the Iranian Oil Industry
Iranian Oil Bourse Project establishment & management
Management & initiation of the biggest Fuel Smart system in the Middle East
Conducting Structural Reform Project of the National Iranian Oil Company (Nasr Plan)
Participating and presenting articles and delivering lectures in many international conferences in oil and gas fields

Abbas Aliabadi

Managing Director & Chairman of the Board of Mapna Group

Personal Information

Abbas Aliabadi

Managing Director & Chairman of the Board of Mapna Group

Date of Birth: 1962

Education:

- B.S. in Mechanical Engineering, Sharif Industrial University
- M.S. In Mechanical Engineering, Tehran University
- PHD in Mechanical Engineering (Solids Design), K.N. Toosi University of University

Current Position:

Managing Director & Vice Chairman/Chairman of the Board of Mapna Group, December 2009-onwards

Professional Background:

- Managing Director & Chairman/ Vice Chairman of the Board of Mapna Group
- Deputy Minister of Energy in Power& Energy and chairman of the Board of Tavanir Company
- Chairman of the Board and Managing Director of Iran Water & Power Resources Development Co.
- Manager of Malek Ashtar University
- Manager of Iran National Elites Foundation (Armed Forces)
- Manager of New Energies Technology Development Staff from Vice Presidency

for Science & Technology & Member of Strategic Committee
- Partnership in the Fifth Development Plan Codification in Energy Ministry Area
- Member of Planning Supreme Council of Ministry of Culture & Higher Education
- Director of Electricity and Mechanics of Karkheh & Karun 3 Plans (Water & Energy Company)
- Member of Academic Staff and professor of several universities

Membership Background in Universities Board of Trustees
- Board of Trustees Member of Imam Hossein University, 1994-1997
- Board of Trustees Member of Malek Ashtar University, 1999-2005
- Board of Trustees Member of Water Machines Research Institute, Tehran University

Educational Activities and University Teaching
- Presentation of Mechanics different courses in Tehran, Isfahan, Imam Hossein and Malek Ashtar
- Supervisor for Academic Degrees: PHD, Master and Bachelor degree

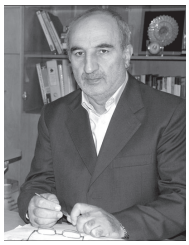
Compilations:
- Water Plants Control Systems, 1 Volume
- Sterling Motors. 1 Volume

Other Activities:
- Supreme Council Member of Iran Electrical Engineering Conference Planning, 2010 (ICEE 2011)
- Member of Editorial Board of Iran Energy Publication
- Chairman of Iranian Hydropower Association
- Director in chief & Policy Council Member of Iranian Hydropower Association Journal
- Supreme Council Member of Ministry of Science Planning

Mohammad Malaki

Chairman of the Board of Pasargad Energy Development Co.

1976-1978	as teacher for Electronic lab in Shiraz University
1978-1981	as Advisor for Khorasan Governor and Head of Rely Dept. in Tehran Regional Electric Co. (T.R.E.C)
1981-1988	as Chairman and Managing Director of Khorasan Regional Electric Co. (K.R.E.C)
1988-2001	as Chairman and Managing Director of Iran Power Generation, Transmission & Distribution Co. (TAVANIR) And Deputy Minister of Energy for Electricity sector
2001-2002	as Deputy Minister of petroleum for planning
2002-2005	as Deputy Minister of petroleum for gas and Managing Director and Member of the board of National Iranian Gas Co. (N.I. G.C.)
2002- 2004	Member of the board of Pars Special Economic Zone
2002- 2005	Member of the board of Optimizing Gas, Oil and Fuel Consumption
Since 2005	Chairman of the Board and Shareholder, Mah Taab Gostar Co.



Adel Nezhad Salim

CEO of Persian Gulf Petrochemical Industries

Personal:

Adel Nezhad Salim, Date of Birth: 1952

Education:

M.S. in Chemical Engineering, Abadan Petroleum University of Technology

Positions:

- Deputy Petroleum Minister in Petrochemical Affairs & Managing Ditector
- Managing Director of Tabriz Oil Refinery Company
- Managing Director of Amirkabir Petrochemical Company
- Managing Director of Bandar Imam Petrochemical Company
- Managing Director of Persian Gulf Petrochemical Industries Co.
- Technical Assistant of Bandar Imam Petrochemical Company
- Production Manager of Bandar Imam Petrochemical Company
- Managing Director of Bandar Imam Faravaresh Petrochemical Company
- Manager of Bandar Imam General Operation
- Vice Chairman of Bandar Imam General Operation
- Manager of Razi Petrochemical Operation
- Manager of Razi Petrochemical Gas Filtration & Sulfur-making
- Razi Petrochemical Process Engineering
- Tabriz Powerhouses & Refinery Steam Operator
- Manager of Tabriz Refinery Wastewater Treatment Unit Shif-work
- Tabriz Refinery Refining Engineering
- Abadan Petrochemical Olefin Site Operator

Membership in Companies Board of Directors

- Member of the Board of Parsian Oil & Gas Development Group Co.
- Member of the Board of Petrochemicals: Basparan, Kimia, Ab Niroo & Faravaresh
- Member of the Board of Bandar Imam Khwarizmi Company
- Member of the Board of Bandar Imam Petrochemical
- Member of the Board of Shasta
- Chairman of the Board of Bandar Imam Petrochemical
- Chairman of the Board of Mahshahr non-industrial Operation Company
- Chairman of the Board of Development Management Company
- Chairman of the Board of Petrochemical Trade Company
- Chairman of the Board of International Petrochemical Company
- Member of the Board of Karun Petrochemical
- Member of the Board of Tabriz Refinery Company
- Member of the Board of Tabriz Petrochemical Company
- Member of the Board of Amirkabir Petrochemical
- Member of the Board of South Rahavaran Company
- Chairman of the Board of Bakhtar Petrochemical Company
- Member of the Board of Rampco Company
- Chairman of the Board of Petrochemical KALA Co.
- Member of the Board of Zagros Petrochemical Company
- Member of the Board of Kermanshah Polymer Company
- Supreme Council Chairman of Bandar Imam Petrochemical Research
- Member of the Board of Trustees of Iran Polymer Institute
- Member of the Board of A.P.I.C
- Member of the Board of Amirkabir Petrochemical Company
- Member of the Board of Tamin Petroleum & Petrochemical Investment Co.

Davood Reza Rabbani

CEO of Bakhtar Petrochemical Company

Davood Reza Rabbani, Date of Birth 1954

Education

Mechanical Eng. & M.S. in Management Course

Current Position

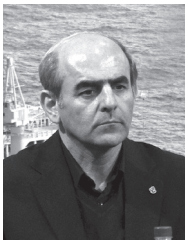
Managing Director of Bakhtar Petrochemical Company

Job Records

Technical Teacher in High School (1979-1981)
Head of Education office in Mahallat, Markazi Province (1981-1983)
Production Manager and plant Manager in IRALCO Arak (1983-1988)
Complex Manager of Arak Petrochemical Company (1988-1997)
Founder, Chairman of Board and Managing Director of Supplying Petrochemical Industries Parts, Equipment and Chemical Eng. Co. (SPEC) (1997-1999)
Chairman of Board and Managing Director of Marun Petrochemical Company (1999-2005)
Vice Chairman of Board and Managing Director of Kavian Petrochemical Company (2005-2009)
Managing Director of Bakhtar Petrochemical Company (2009-onwards)

Publications

Article: Bimetal Manufacturing of Aluminum-Copper by Explosion Welding Method
Article: Investigation of the role of human resources control in On-time achievement of projects and a comparison between performance of local and foreign contractors in Arak Petrochemical Complex



Reza Padidar

Chairman of the Jury of Society of Iranian Petroleum Industry Equipment Manufacturers (SIPIEM)

Chairman of the Board of Society of Iranian Petroleum Industries Equipment Manufacturers (ASTSNA)
Graduated in Engineering Operations Research (Operational Research)
(Commonwealth Institute UK) 1978 and 1994

(B) Experience and empirical:

1- Field study French LRC Construction in 1978
2- The director of marketing and sales for French Serial SA in Iran in 1979
3- The director of integrated planning and control of radio and television production 1980-1984
4- The Director-General supports radio and television programs 1985-1994
5- Isco's director of planning and manufacturing group 1995-1998
6- Director Group Isco Iran from 2000 to present
7. Co-Founder and Chairman of the 2000 Iranian Petroleum Industries Equipment Manufacturers Association from 2012 to present
8- The members of the joint chambers of commerce countries: England, Germany, Belgium, France, Greece, Canada, UAE, Italy, China.
9- Faculty Association's casting
10- Member R & D Industries and Mines of Iran
11- Member Association of Investment Advisor and monitoring plans
12- The Board of Trustees of the charity Sayyid al-Shuhada (AS)
13- Expert and analyst with energy economy in broadcasting and the press of the country
14- Lecturer in the university system planning and TV and radio, free, Applied

Science (C) Awards:

- The Director of the Middle East International sales Rautomeal Scotland Scottish regional parliament in 2002
- The Director of Development of Industrial Estates manufacturing plants of 1382
- Associate members (academic) of National Geographic

Dynamics of the New Iranian Oil Investment opportunities (making partnership with domestic manufacturers)

Abstract:
Prior to the victory of the Islamic revolution in Iran, the required commodities of Petroleum Industries equipment would be maintained from the US and Western Europe which cause flow of oil revenues.
After the revolution, the Iranian Oil industry as the pioneer of self-sufficiency and self-reliance was involved in the production of the equipment locally.
This trend of localization has seriously begun from 1990 with the much closed partnerships between public-private sectors in Iran. Localization of hundreds strategic and high-tech equipment such as gas turbines, well-head equipment, consumed chemical substances and drilling equipment are as parts of the achievements of this cooperation.
Membership and activity of more than 600 companies in the Society of Iranian Petroleum Industries Equipment Manufacturers (SIPIEM), and the private sector's capacity and potential advantages such as reaching to professional engineers and technicians, lower cost of productions, lower energy costs, geopolitics and geo-economics advantages of Iran, along the preparation of transfer of knowledge and technology, represents the high throughput and the existence of adequate advantageous to stablish the long term partnerships with foreign companies and investors on the basis of the obligations in the new generation contracts called Iran Petroleum Contracts (IPC).

Mohammad Reza Tabibzadeh Noori

Member of the Board of APEC

Personal:

Mohammad Reza Tabibzadeh Noori, Date of birth: 1946

Education & Professional Background

1668-1970: Tehran University M.Sc. in Civil Engineering (Tehran Technical Faculty. DANESHKADEH –FANI)

Field of Activities (Experiences):

2012-Present Association of petroleum Industry, Engineering and Construction Companies(APEC) Member of Board

2012- Present Cooperation with ministry of petroleum (engineering deputy of minister)

1991-Present Arash Sazeh Construction Company
Chairman of the Board

2001-2013 Tehran Jonoob Technical & construction co:
Technical & Engineering Director

1993-2003 Ministry of Energy
Cooperation with Deputy of Water Affairs (as senior Adviser)

1976-Present Plan & budget organization-PBO (as Adviser & expertise)
Cooperation with Technical High Council(SHORAYE ALIE FANI)

1991- 201 Jyan Construction Company
Project Manager of Different Dam And agriculture Projects.
Project Manager of Water Transmission Project
From Karoon River To Bahmanshir River (120 m^3/ sec)

1985-1988	Papila Consulting Engineering Preparing Design Criteria for Standard Irrigation and Drainage Network (7 booklet for PBO) Study and Design of Semi – Elliptical Pre-Fabricate Irrigation Canals. Sugar – Cane Lane Development Project in(Mian – AB) Area
1982-1986	Omran Mohit Consulting Engineering Member of the board Project Manager of Water supply Project of Damavand , Firoozkooh & Gilan cities. Project Manager of Tehran Surface Water collection Project Khayam Area. Project Manager of Khansar Surface Water collection Project.
1971-1981	Tehran Boston Consulting Engineering Project Manager of 14” Booshehr Water supply Pipeline. Designer and site Manager for Water supply project 30”&26” for cities of Mazandaran Province. Tehran Sewage & Surface Water Project As Designer .(In Tehran & London) Project Manager of Booshehr Water supply Pipeline.(Dia . 500 mm) Project Manager of Booshehr Water supply Pipeline From Khormoj Wells (Dia 700 mm) Project Manager Residential Buildings of Staffs of Fars Water Authority in Booshehr. Designer and contractual manager of Water supply Project for Bandar Imam Petrochemical Industries (Capacity: 1 million m^3/ day) including 18 contracts.
1970-1972	Military services (Technical Bureau of Gendarmerie) Cost Estimator & invoicing control.

1969 construction Department of Iran Broadcasting Authority: (Radio & Television)
Building Designer

1969 Arberi Technical & construction company:
Estimator & site Manager.

Jonathan Evans

Senior Representative at BP Exploration

Jonathan holds a Masters in Geological Sciences from Cambridge University and a PhD in shale geochemistry from Reading University in the UK.

Following a post-doc at Strasbourg University in France, Jonathan joined BP in 1990 and then spent ten years in technical geoscience roles within BP's Exploration & Production businesses before moving to work in M&A and BP's Strategy team. In 2003 he became Commercial Director for the Grangemouth Refining and Petrochemicals Complex in Scotland.

Between 2005-2009, Jonathan led BP's Exploration businesses in India and Pakistan and then became General Manager for Oman with responsibility for the Khazzan tight gas project, now one of BP's most important projects. In 2012 Jonathan was appointed BP's VP for Global Access. In this role he was responsible for all new opportunities for BP Exploration covering both conventional exploration and unconventional resources. He moved to his current role of VP Middle East Exploration in April 2016. In this role he is focussed on identifying and delivering opportunities for BP to re-establish an upstream business in Iran where the company first found oil in 1908. In addition, Jonathan has recently taken on responsibility for the specialist Technical Functions within BP's Exploration business.

Richard Keith Penney

Vice President Field Development at Schlumberger

Current Job title

Vice President, Field Development at Schlumberger Production Management (SPM)

Responsible for all field development and subsurface activities across SPM investments, producing assets and new ventures globally. Instrumental in fast track EOR and Waterflood developments. We have increased co-managed production from 50K to over 250k bopd in four years and we are still rapidly growing despite the low oil price.

Bachelors, Engineering Science and Mechanics. Auckland NZ

Experience

September 2015 - Present (1 year 1 month)	**Vice President, Field Development** Schlumberger Production Management
January 2015 - September 2015(9 months)	**VP New Ventures & Technical Affairs**
Jul 2011 - Dec 2014 (3 years 6 months)	**Global Development Planning & EOR Director** SPM (Muscat, Oman)
Aug 2009 - Jun 2011 (year 11 months 1)	**Manager EOR & Middle East Projects** IPM (Kuala Lumpur, Malaysia)

Jan 2008 - Jul 2009 (1 year 7 months)	**Asset Manager, N Kuwait Jurassic, FDPS** IPM KOC (Ahmadi, Kuwait)
Aug 2007 - Dec 2007 (5 months)	**Chief Value Assurance Advisor** Petroleum Development Oman (Muscat, Oman)
May 2004 - Jul 2007 (3 years 3 months)	**Subsurface Project Manager, QA Steam** Petroleum Development Oman (Muscat, Oman)
Jan 2001 - Mar 2004 (3 years 3 months)	**Performance Improvement Manager** Santos Ltd (Adelaide, Australia)
May 1996 - Jan 2001 (4 years 9 months)	**Tight Gas Manager** Santos Ltd (Adelaide, Australia)
Jun 1994 - May 1996 (2 years)	**Chief Petrophysicist** Santos Ltd (Adelaide, Australia)
Jan 1991 - May 1994 (3 years 5 months)	**Senior Business Analysis Advisor** Shell International (The Hague, Netherlands)
Oct 1989 - Dec 1990 (1 year 3 months)	**Senior Economics & Planning Engineer** Shell/PDO (Muscat, Oman)
Jun 1987 - Oct 1989 (2 years 5 months)	**Lead Petrophysicist, Exploration Evaluation** Shell/PDO (Muscat, Oman)
Aug 1985 - May 1987 (1 year 10 months)	**Senior Petrophysicist, Groningen** Shell/NAM (Assen, Netherlands)
Mar 1982 - Aug 1985 (3 years 6 months)	**Petrophysicist & Wellsite PE** Shell/NAM (Assen, Netherlands)

Danielle Morel

EOR expert, TOTAL

She is Enhanced Oil Recovery Expert at TOTAL S.A., based in the technical and scientific center CSTJF of Pau (France). She has been working with the company for more than 20 years, after 10 years as a research engineer at IFPEN (IFP Energies Nouvelles).

Her main research interests are chemical EOR, miscible processes and emerging technologies such as foams and microbial EOR, dealing with laboratory, simulation and pilot aspects.

She holds a MS degree on Chemical Engineering from the ENSIACET and a PhD on Thermodynamics. Danielle was SPE Distinguished Lecturer in 2012-2013.

Martin Bachmann

Executive Board Member for Exploration and Production Europe/Middle East of Wintershall Group

Martin Bachmann was born and educated in Switzerland where he graduated from the Swiss Federal Institute of Technology, Zurich with a degree in Natural Sciences. He has 32 years of international oil and gas company experience covering upstream technical, commercial and senior leadership positions in countries including The Netherlands, Turkey, Syria and the UK. After a career with Shell he is a Member of the Board of Directors of Wintershall Holding GmbH since 2009 and is currently in charge of Exploration & Production Europe / Middle East. Mr. Bachmann is married and has two children.

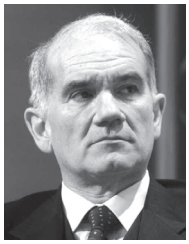
Wintershall Holding GmbH, based in Kassel, Germany, is a wholly-owned subsidiary of BASF in Ludwigshafen. The company has been active in the extraction of natural resources for 120 years, and in the exploration and production of crude oil and natural gas for over 80 years. Wintershall focuses on selected core regions, where the company has built up a high level of regional and technological expertise. These are Europe, Russia, North Africa, South America, and increasingly the Middle East region. Today the company is Germany's largest, internationally active crude oil and natural gas producer.

Lyu Gongxun

VP of PetroChina and President of CNODC

He is Vice President of the PetroChina and the General Manager of PetroChina International Exploration & Development Company and the General Manager of China National Oil and Gas Exploration and Development Corporation

Mr. Lv is a professor-level senior engineer. He has nearly 35 years of working experience in China's oil and gas industry. Mr. Lv was appointed as the Vice General Manager and Chief Safety Officer of China National Oil and Gas Exploration and Development Corporation in October 2006. Mr. Lv was the General Manager of Turkmenistan Amu Darya River Gas Company since September 2007, and the General Manager of CNPC (Turkmenistan) Amu Darya River Gas Company since December 2008. Mr. Lv has been the General Manager of PetroChina International (Kazakhstan) Co. Ltd., the General Manager of Trans-Asia Gas Pipeline Company Limited and the Director of Enterprises Coordination Group (Central Asia) since December 2012. Mr. Lv was appointed as the General Manager of PetroChina International Exploration & Development Company and the General Manager of China National Oil and Gas Exploration and Development Corporation since May 2014. Ms. Lv was appointed as Vice President of the PetroChina in June 2014.



Giuseppe Zampini

CEO of Ansaldo Energia

Personal Data

Date and place of birth: 17 August 1946, Ponte nelle Alpi (BL)

Professional Profile

• 6 April 2001 - present

Position: CEO of Ansaldo Energia

In this position, Giuseppe Zampini led the restructuring of Ansaldo Energia, on the verge of bankruptcy at the

beginning of 2000, turning it into Italy's largest electromechanical company, economically healthy and

technologically independent.

International experience in English-speaking countries, North Africa, Iran, the Middle East and the Far East.

• August 1999 - April 2001

Position: General Manager of Ansaldo Energia

• November 1997 - August 1999

Position: Deputy General Managerof Ansaldo Energia

• 1989 - November 1997

Position: Responsible for the Energy Operations (cogeneration and renewable energies) of Ansaldo Industria SpA as

part of the Cogeneration Business Unit of Ansaldo Industria.

The Business Unit grew from an annual turnover of around 40 bn lira at the beginning of 1990 to approximately 180

bn lira at end of the period, with approximately 270 employees.

• 1994 - 1997

Ansaldo Industry USA becomes a subsidiary of the Cogeneration Business Unit of Ansaldo Industria, reporting
directly to the undersigned.

• 1990 - 1993

Directly in charge of the energy operations of Ansaldo Industria in the USA, via the incorporation and launch of
Ansaldo Industry USA (currently "Ansaldo Energy USA")
The Company was ranked among the "top 20 construction companies in the USA" by specialised journals in 1994.
Operations in Italy and the United States were directly and simultaneously managed by the undersigned, particularly
from 1992 to 1993.
In the USA, operations involved both plant construction and project financing, which made it possible to gain specific
experience on the subject.
These operations were personally coordinated with frequent travelling to the U.S.A. This experience was later to
become useful for the relaunch of Ansaldo Energia and the acquisition of major orders for the Company both in Italy
and abroad in the last ten years.

• 1982 - 1988

Head of the Components business unit of NIRA SpA, an Italian subsidiary of the Ansaldo Group operating in the
nuclear power business.
The business unit was composed of 150 high-profile technicians, some to be later taken over by Ansaldo Energia's
nuclear business unit, a fully-owned subsidiary of Ansaldo Energia since November 2005.
Activities in relation to Italy's Unified Nuclear Project (PUN) were developed in the

period.

• **End 1982**

Appointed Executive of the Ansaldo Group. From this moment, technical activities went alongside with managerial

coordination (of both economic and HR aspects) and the development of extensive international relations (Great

Aman Amanpour

President of AmanpourConsult – Senior International Petrochemicals and Energy Consultant – Germany

He is an Independent Petrochemicals & Energy Consultant since retiring from Shell mid-2010. His clientele consists of major (petro)chemicals and energy corporations, as well as renowned companies providing key services to these industries. Main consulting and advisory areas in key words: experience-and-best-practice based advice on: business strategy, business planning and their implementation and performance appraisal, opportunity/project identification and management, investment decision, feasibility, due diligence, product portfolio and technology selection, business/commercial management, JV, organizational and governance. Aman also has developed and conducts public and bespoke professional and leadership training programs.

His last two positions in Shell were President Shell Chemicals Middle East and Group General Manager for Shell Upstream New Business for Middle East, Caspian and South Asian region. In the former role he was leading the Chemicals Business, Partnerships and JVs of Shell in the Middle East region, while in the latter role he was responsible for creating and developing New Oil, Gas and Integrated Business Opportunities and Partnerships in the greater region. Aman, with a distinguished career of 36 years, has attained deep and broad expertise, experience and networks across the regions and in different sectors of the whole Hydrocarbon Value Chain. He is a recognized expert and leader in Petrochemicals and Energy industries with many awards, success stories in areas of major new investments, asset development, new business, joint venture set up / management, leadership of global business units, key account management, marketing and sales, contributions to the industry associations with several publications and many speeches.

Having worked within Shell in diverse techno-commercial, senior business and governance leadership roles, Aman Amanpour has started his career with Procter & Gamble Company where he had been acting in areas such as technical, project, production, brand and plant management.

Aman holds Master degrees in Chemical Engineering as well as in Computer Aided Engineering, completed several Business, Management and Leadership programs and is fluent in several Languages.

He enjoys dealing with challenges facing the industry, studying and working on intellectual / socio-economic themes, different sports, providing experience-and-best-practice-based training to senior managers, as well as coaching and guiding of young talent.

Arata Sahara

Senior Vice President, Operations Director of Downstream & Non Hydrocarbon Project Operations, Chiyoda Corporation

Curriculum Vitae

Name: Arata Sahara

Date of Birth: June 27, 1956

Place of Birth: Chiba Prefecture

Education: B.E. in Naval Architecture

The University of Tokyo, 1980

Business Career (all with Chiyoda Corporation since 1980)

2015: Senior Vice President
Operations Director, Downstream& Non Hydrocarbon Project Operations

2014: Vice President
Operations Director, Downstream& Non Hydrocarbon Project Operations

2013: General Manager
International Downstream & Non Hydrocarbon Project Operations

2009: As Project Manager, engaged in EPC work for Coker Units for Jubail Export Refinery Project for Saudi Aramco Total Refining & Petrochemical Company (SATORP)

2008: As Project Manager, engaged in study of a Heavy Residue Conversion Complex Construction for PSC TAIF-NK in Russia

2003: As Project Manager, engaged in EPC work for BOG/SRU Project for Abu Dhabi Gas Liquefaction Co., Ltd.

1980: Joined Chiyoda Corporation

Language:Japanese (Native)

Congress Directory

The 2nd Iranian Petroleum & Energy Club

Congress

IPEC 2016

Olympic Hotel 17- 19 October 2016