

Echem

EGYPTIAN PETROCHEMICALS HOLDING CO.

LINK

your eye on events

MAY 2019



VALUE & FUTURE ADDED INDUSTRIES & GENERATIONS

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**3rd edition of
Egypt's Petroleum
Show Conference
and Exhibition
EGYPS 2019**

OVERTURE



Embracing a new year of hope and ambition, Echem pursues its journey to build a promising petrochemical industry that will enable Egypt to take the place it deserves on the map.

Petrochemical industries, are one of the main factors in building the economies of countries, it enables such countries strengthen impact on development and changes at various levels.

In this context, EGYPS conference and exhibition, which coincided with Egypt's Chairing of the African Union for 2019, is the highlight of this year. It was perceived as an opportunity to exchange views and ideas on issues related to the oil and gas industries. Various industry players from petroleum sector, international companies and regional organizations attended this value.

For the third year in a row, the organization of this conference comes to demonstrate the success of its previous two sessions. It is considered to be an opportunity for investors and decision-makers to lead the future and to create an attractive environment for investment, in hoping to achieve goals of future generations. It also reflects development plans for the process of economic and social reform which has begun to bear its success in Egypt.

This conference enables Echem to present the petrochemical projects that are currently

being studied, in terms of its feasibility and discussion of the growing opportunities for investment in the industry with representatives of the Egyptian government and governments of other participating countries. Furthermore, it highlights most prominent owners of projects, international petroleum companies and international service providers.

There is no doubt that our company in its strive to promote the petrochemical industry stems from our conviction of importance of this industry to plan a future worthy of our country and our people.

Finally, I would like to extend my sincere thanks and appreciation to all employees for their efforts and dedication in achieving the highest levels of efficiency matching their counterparts over the world. We hope to continue our research and developments to invest in opportunities, building mega economic entities that will promote the growth of this industry for sustainable development of the national economy.

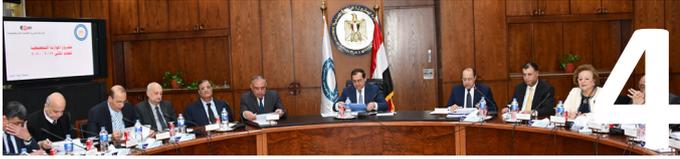
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ECHEM's Ordinary General Assembly Meeting January 2019



H.E. Minister of Petroleum & Mineral resources, **Eng. Tarek El Molla** headed Echem's Ordinary General Assembly Meeting on Sunday January 20th, 2019 at the Ministry of Petroleum to endorse the draft budget for the fiscal year 2019/2020. The meeting was held in the presence of General Assembly and Central Auditing Organization members along with esteemed invitees.

Chemist Saad Helal, Echem's President and Chairman of the board, addressed the meeting by presenting the company's budget while highlighting the company's continuous work on improving its plans and work procedures to cope with the increasing demands of the local & international markets.

He added that the company was successfully able to crystallize its vision & strategy, which is necessary for developing the petrochemical industry and maximizing the added-value of the industry, by establishing huge projects that produce a lot of specialized products in order to meet local market needs. This achievement ensured the government's vision aimed at luring more investments and creating new opportunities to this vital sector.

In this respect, Helal referred to the project of refinery and petrochemicals complex in New Alamein district development that is currently in progress. He also highlighted that such an expansion reflects

the company's efforts made in order to achieve the highest added-value for utilization of resources. In addition, the Alamein complex projects aim at producing around 1.5 million tons of specialized petrochemicals. Furthermore, 1.9 million tons of petroleum products with total investments that hit \$1.25 billion. Those products will act as basic raw materials that may serve numerous complementary & downstream industry sectors.

Chemist Saad Helal declared that Echem is currently working at implementing multiple projects with





total investments amounting to \$ 1.65 billion within the fiscal year 2019/2020. Such projects were purely selected in accordance with its feasibility & availability of necessary feedstock.

He also assured that those projects have witnessed recognizable improvements in accordance with preset schedules, including Sidi Kerir expansion projects for producing propylene & its derivatives. ETHYDCO project for rubber butadiene and formaldehyde plant (SMD) along with MOPCO marine platform. In addition, the execution of the second phase of ETHYDCO's power station and other Petrochemical Logistics Company projects.

While continuing its vital role in maintaining petrochemical industry projects, Chemist Saad Helal pointed out that the steps of developing an integrated system for information exchange is in progress thus, allowing Echem & its affiliates to manage its resources effectively. He said that the

company was committed to applying industrial and environmental protection plans along with maintaining its strategy aimed at developing the petrochemical sector and raising its productivity.

Meanwhile, his Excellency Tarek el Molla, asserted that the Petrochemical industry has been given full support through the expansion of projects, aimed at coping with increasing market needs of vital products. He added that petroleum activities have been currently witnessing recognizable development within the petroleum sector development plans.

He also affirmed that the discoveries and development projects of natural gas fields have highly contributed to the Egyptian petrochemical industry and have opened new horizons for investment thus, achieving the added value for oil wealth which gives a higher return on investment and generates thousands of direct & indirect job opportunities.



MDF PROJECT

Our challenge to make a difference

Under the supervision of the state and the political leadership willingness in putting an urgent solution to the problem resulting from burning large quantities of rice straw, which aims at improving our development community and providing new job opportunities for our youth.

With the guidance of The Egyptian Ministry of Petroleum and Mineral Resources, ECHEM in collaboration with major international companies, intend to turn this problem into a promising investment opportunity by establishing a new project for medium density fiber board production (MDF) with a capacity of 205,000 M³/Y. The total estimated investment cost is € 200 Million which depends on Egyptian rice straw as the main raw material and using the latest applied technologies in this field. Moreover, the maximization of value of the local component in the project which was an agreement made by major Egyptian companies in carrying out the construction work which is currently in progress.

The project contributes to meet local market demands by replacing part of Egypt's imports of medium density fiber board, and exporting product surplus to provide foreign currency to support the national economy. Medium density fiber board product is used in many applications such as, the manufacture of home and office furniture, doors, decorations, kitchens and other appliances.

The location of the project was chosen carefully to be situated in the industrial zone of Motobas, Kafr El-Sheikh governorate, where it is considered to be the

largest producer of rice straw in Egypt. In addition, the land is also located near the sea ports and export facilities.



As part of the establishment of a strong economic entity with all elements of success, the Egyptian Petrochemicals Holding Company is embarking to incorporate with giant entities that have global reputation in the ownership and execution of national projects. The project design and supply was completed in February 2019. The project is scheduled to start production in April 2021.

It is worth mentioning that the project will be established under the umbrella of the new Egyptian investment law No. 72 of 2017. This law grants many benefits which include tax exemptions and other guarantees and incentives. In addition, obtaining the benefits granted by international and local institutions working in the field of environmental conservation.



ECHEM certified ISO 45001:2018



In an attempt to continuously improvement from the Egyptian Petrochemicals Holding Company, aiming to reach outstanding levels of performance to compete with leading organizations and companies around the world. Echem has reached a new achievement by obtaining the certificate of the standard for occupational safety and health management systems "**ISO 45001: 2018**", to be positioned as the first among the petrochemical companies and a role model within the petroleum sector.

This achievement represents the culmination of the sincere exerted efforts which have generated the renewal of the International Environmental Management System certificate, according to the latest version "ISO14001: 2015" during the past year.

Undoubtedly, Keeping up with the latest systems in terms of occupational safety, health and environment. This ensures their implementation and compliance with the requirements, enabling the company to provide a safe environment considering the systems' accuracy that will constantly be reducing risks and business growth efficiency.

It is worth mentioning that "Intertek International" is considered as one of the most leading and expert

international auditing companies in occupational health, safety certifications, and environmental management systems, according to internationally recognized industrial standards and requirements.



CERTIFICATE
OF REGISTRATION

This is to certify that the management system of:

Egyptian Petrochemicals Holding Co. "ECHEM"

Main Site: 27 Elsalam Avenue El-lotus Area 5th Settlement, New Cairo, Egypt

has been registered by Intertek as conforming to the requirements of:

ISO 45001:2018

The management system is applicable to:

Implementing the national petrochemical master plan which includes establishing of petrochemical plants, provision of governance to operating companies.

Certificate Number: 0074631-01
 Original Certificate Issue Date: 29 March 2006
 Last Certificate Expiry Date: 28 March 2018
 Date of Last Migration Audit: 23,24 December 2018
 Certification Decision Date: 28 December 2018
 Certificate Issue Date: 28 December 2018
 Certificate Expiry Date: 28 March 2021



Calin Moldovean

President, Business Assurance

Intertek Certification Limited
 IDA Victory Park, Victory Road
 Derby DE26 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.



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Exhibitions and Conferences

EGYPS 2019



Egyptian Prime Minister **Mostafa Madbouly** inaugurated the third edition of Egypt's Petroleum Show (EGYPS 2019) under the patronage of his Excellency, **President of the Arab Republic of Egypt, Abdel Fatah El Sisi**.

The three-day international Petroleum Conference (11-13 February 2019), was held at Egypt's International Exhibition Center (EIEC) in New Cairo and was launched under the theme "North Africa and the Mediterranean: Delivering the Energy Needs of Tomorrow".

Minister of Petroleum and Mineral Resources, Eng. **Tarek Al Molla**, and a number of Arab and African oil ministers alongside the heads of regional and international organizations and leading worldwide Oil and Gas companies participated in the event.

EGYPS 2019 took place parallel to Egypt's handover of the African union presidency and provided the most important platform for industry professionals to gain insights into the upcoming oil and gas investment opportunities in Egypt thus, exploring promising opportunities in the petroleum market and increasing cooperation with world companies.

In his speech at the opening ceremony, and on behalf of President El Sisi, Mabdouly pointed out that

the petroleum sector is considered a cornerstone in Egypt's social and economic development plans since, it plays a vital role in providing economic projects with needed energy supply. In this respect, He referred to unprecedented successes achieved within the petroleum sector over the past period, one of which was putting an end to gas imports and meeting export obligation.

Meanwhile, the Egyptian Petrochemicals Holding Company (Echem) participated in the exhibition as a cornerstone for the petrochemical industry in Egypt, to promote for its forthcoming opportunities, while attracting foreign and local investments.

Echem sought exposure with the regional and global markets to monitor state-of-the-art technologies and



exchange experiences applied worldwide.

The conference was an opportunity for exchanging views and technical expertise with multiple countries such as Lebanon, Sudan and Cote d'Ivoire.

The exhibition included 13 booths representing leading companies in the petroleum industry. It

also featured sessions and round table discussions on energy, security, health, safety and environment. It also included finance and investment with more than 200 speakers, including industry officials and experts, in addition to 1,200 delegates.



Public Figures

Walt Disney

How Entertainment Became an Empire

Everyone knows Walt Disney for its movies, themes, parks and cast of characters. We are going to share his path to success and worldwide fame. It wasn't easy, but Walter believed in his dreams and did all his best to make a great life story with his dedicated nature towards his work.

Walter Elias "Walt Disney" is one of the most important & influential figures in the 20th century, he is an American entrepreneur, innovative animator, voice actor, film producer, the founder of "Disneyland" and "Walt Disney" parks and the creator of cartoon character "Mickey Mouse". Walt Disney became one of the best-known motion-picture production companies in the world winning 22 Academy Awards during its lifetime.

Walter was born on 5th December, 1901 in Chicago, he was one of five children, four boys and a girl. His father was Elias Disney, an Irish-Canadian, and his mother, Flora Call Disney, was German-American. Walter lived most of his childhood in Marceline, Missouri, where he began drawing, painting and selling pictures to neighbors and family



friends. When Disney moved with his family to Chicago, he enrolled in McKinley High School, where he took drawing and photography classes and was aiming to be a cartoonist for the school Newspaper. At night, he took courses at "the Art Institute of Chicago". When Disney was 16, he dropped out of school to join the Red Cross in September 1918 as an ambulance driver.

In January 1920, Walter and his friend Iwerks started their own business, but unfortunately the short-lived Iwerks-Disney Commercial Artists, failed to attract many customers. Disney

and Iwerks worked temporarily at "Kansas Film" company to earn money. Walter discovered that he is fascinated by animation, so he decided to open his new business.

With Iwerks, Disney developed "Mickey Mouse" his first highly popular success, providing character and voice. As the studio grew, Disney became more adventurous, introducing synchronized sound, full-color three-strip Technicolor, feature-length cartoons and technical developments in cameras. Walter's new techniques appeared strongly in many characters such as Snow

White and the Seven Dwarfs (1937), Pinocchio, Fantasia (both 1940), Dumbo (1941), and Bambi (1942). New animated and live-action films followed after World War II, including the critically successful Cinderella (1950) and Mary Poppins (1964), which were rewarded five Academy Awards.

After visiting various amusement parks with his daughters, Disney became inspired with the concept of Disneyland park. He intended to build a touristic landmark for family entertainment adjacent to his animation works. In 1955, he opened Disneyland which has showed overwhelming success, attracting visitors from all over the world. It has expanded and branched out globally near Orlando, Florida, as well as parks in Tokyo, Paris and Hong Kong, in addition to a Shanghai location that opened in June 2016.

Sister property California Adventure also opened in 2001.

Within a few years from the Disneyland opening, Walter dreamed of a new theme park, but he passed away before starting the project. After his death, his brother Roy decided to complete Disney's project, which opened in 1971 under the name "Walt Disney World".

Walter's public persona was very different from his actual personality. His reputation changed after his death, from a person with patriotic values to a representative of American imperialism. He nevertheless remains an important figure in the history of animation and in the cultural history of the United States, where he is considered a national cultural icon.



EVENTS



Orphan's Day Celebration - 5th April 2019



**Echem's Pentathlon League Closing Ceremony
16th April 2019**



**Echem's Pentathlon League Closing Ceremony
16th April 2019**



Constitutional Amendments Session - 10th April 2019



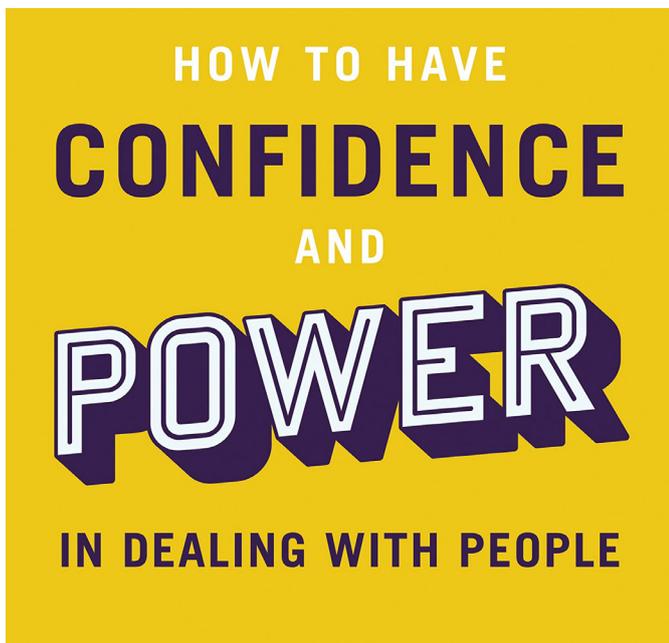
**Echem's Participation in Constitutional
Amendments voting 20th - 22nd April 2019**

Book Review

How to Have Confidence and Power in Dealing with People

Leslie T. Giblin is an American writer and a recognized expert in human development. In “How to Have Confidence and Power in Dealing with People” Giblin has developed a method for dealing with people that can be used with parents, teachers, bosses, employees, friends, colleagues and even strangers. This book gives a confident approach to explain how to interact with others as they really are, not as you would like them to be.

Giblin shows you how to get what you want at any time, instead of feeling miserable about your interpersonal skills, by understanding people’s human nature, building mutual confidence and spreading your influence in dealing with them.



Throughout his book, the author introduced certain triggers guiding his readers on how to deal with people successfully in every area of their life.

1. Put responsibility on yourself to become a better person.
2. Accept different feelings that all humans crave.

3. Start with respecting other people.
4. Accept who you are, with your strong and weak points.
5. Give approval and take it in return.
6. Be appreciative of yourself and others.
7. Make every conversation a trade, “listen & talk”.
8. Keep positive interactions.
9. Start conversations by asking people about themselves.
10. Wait until someone asks about you to and then talk about yourself.
11. Speak keenly when you are asked about something.
12. Ask for advice and opinions from others.
13. Accept disagreements calmly.
14. Leave an interaction with a touch of praise.

Quotes by Giblin

“If you’re not using your smile, you’re like a man with a million dollars in the bank and no checkbook.”

“Don’t build yourself up by cutting others down. True progress in life will be determined by your own efforts and worth.”

“If you want to have power with people, you must learn to work with human nature, rather than against it.”

Management Tips

10 Tips for New Managers



You did it. You've worked hard and have been promoted to manager. Congrats! Now, get to work!

Being promoted to manager for the first time is both exciting and challenging. New managers often enter their roles with a wave of emotions ranging from terrified to delighted. Your knowledge of management has most likely been academic, abstract or gathered as a team member. However, as a new manager, you're no longer observing, but doing, and being judged on those actions.

No matter what kind of business or field you work in, these 10 tips will help you in mastering the managerial skills.

1. Prepare Before the Promotion

Most of the time people have a decent idea of when they will be getting promoted to a management position. If this is a goal for anyone who hasn't reached this level yet, then it is crucial to your success to begin preparing for this role now. Take time to watch other managers, learn from them, and even take education courses on business management to be prepared.

2. Education Never Stops

Author Vernon Howard once said "Always walk through life as if you have something new to learn and you will." Even as a manager, it is important to be humble and willing to learn. Those who you work with are always going to be better than you at something, so it is imperative to a managers' success that they also be learning.

3. Focus on the Big Picture

One of the most common new manager tips you will hear from senior-level management all the way down to coffee-running interns is to never micromanage your team. Instead, focus on the big picture of team productivity and simply be aware of what they must accomplish to reach deadlines. By allowing your team to manage themselves, you help to avoid the cycle of despair that comes with micromanagement.

4. Learn Leadership Skills

There are numerous leadership development books and websites out there, so it's time to start reading. Countless successful leaders have taken the time to put their knowledge and experience out there for the world to see.

5. Get to Know Your Team

Building a personal connection with your team members is a great new manager tip to learn how to be a more effective leader. Not only should you ask about their job responsibilities and career aspirations, but also ask about their family, lifestyle, and hobbies to develop a relationship of trust. Having occasional team building activities is a great way to get to know your team.

6. Be the Boss, Not a Friend

Although you should get to know your team on a personal level, it is still important to realize when at the office you are their boss and not their friend. Being a friend at work can cause feelings of bias or favoritism to arise in other employees, sparking problems for the team's morale. If you do develop friendships with others in the office, be sure to maintain professional interactions.

7. Treat Every Team Member with Respect

Respect means something different to everyone. As a manager it will be up to you to determine what that is and how to show

it to each individual member of your team.

8. Always Be Available

You should always be easily accessible to your team with an "open-door" policy. Let them know the best way to communicate with you and be sure to always respond to their inquiries, issues, and concerns in a timely manner. This level of availability will garner respect and make it easier for your team to keep you on daily operations.

9. Become an Active Listener

One of the most vital new manager tips on this list is to pay close attention to your staff whenever they approach you for a conversation. Make a point to never interrupt them and always repeat back the key points they mention to affirm you heard what they had to say.

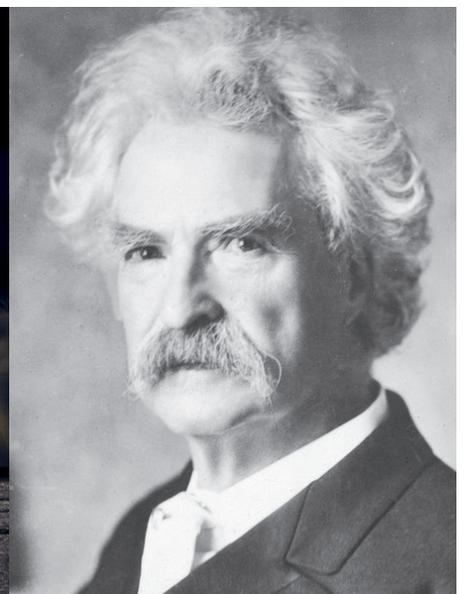
10. Lead by Example

Avoid the "do as I say, not as I do" mindset like the plague and ensure you are working just as hard, if not harder, than everyone else. This will generate a great deal of respect from your employees and motivate them to do their best.

Quotes

Keep away from people who try to belittle your ambitions. Small people always do that, but the really great make you feel that you, too, can become great.

Mark Twain



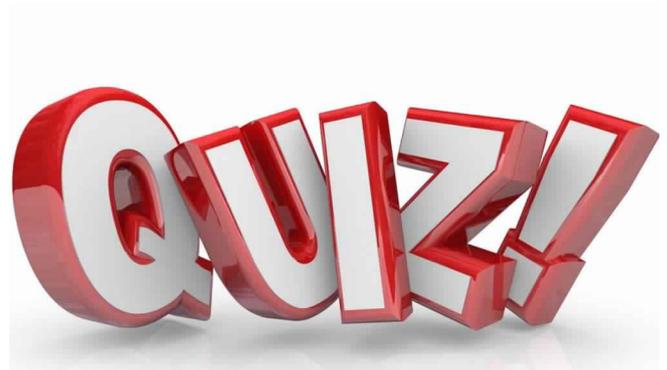
QUIZ

Mexico desert is called ?

1. Gobi
2. Sonoran
3. kalahari

The first Olympic Games were held at

1. Brazil
2. Japan
3. Greece



The first man who has Flown around the earth with a spaceship....

1. Yuri Gagarin
2. Sergei Korolev
3. Konstantin Tsiolkovsky

1
3
2

Answers:

CROSSWORDS

Find the islands below :

Corsica

Madeira

Bohol

Faroe

Muriya



X	A	Y	I	R	U	W	R
A	F	C	V	L	V	W	T
R	G	J	I	O	D	I	U
I	H	D	B	S	A	L	V
E	X	T	U	Y	R	B	C
D	S	M	L	O	H	O	B
A	N	S	P	I	E	Z	C
M	Y	F	A	R	E	O	K

THE CORRECT ANSWER:

K	E	O	R	A	F	Y	M
C	Z	E	I	P	S	N	A
B	O	H	O	L	M	S	D
C	B	R	Y	U	T	X	E
V	L	A	S	B	D	H	I
U	I	Q	O	I	J	G	R
T	W	A	L	V	C	F	A
R	M	U	R	I	Y	A	X



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