

MARCH 2018

Empowering The Industry For Future Generations



OVERTURE



For almost 2 decades now, ECHEM stands tall among mega petrochemical producers worldwide, distinguished with its diversity, sincerity and flexibility in each and every opportunity implemented. The continuous development, cutting edge technologies and world class environmental standards tremendously boosted ECHEM's performance and helped enlist Egypt as a thriving player in the national and international market.

I've been honored to Chair this renowned entity & witness the sincere efforts exerted and reflected in the development of ECHEM's operating production plants & forthcoming projects expansion in Alexandria Governorate.

For the 2nd year in a row, the Company's development strategy has embraced a smart integration program with synchronized overhaul schedule for the operating projects, that when put into action, resulted in securing feedstock, avoiding unplanned stops while providing industrial facilities like steam and industrial water. In addition, EPC, SIDPEC & ELAB's revamping have

tremendously enhanced production quality, rationalized energy consumption and preserved ecological standards. Talking figures, total production rates for the fiscal year 2016/2017 marked an excess with 92% over the preceding year, whereas total sales rate reached 98% over planned.

Wrapping up this year's achievements, the fiscal year 2016/2017 has recorded a remarkable progress by placing ETHYDCO's 2nd Train on stream. Worth mentioning that the company's endeavors have been gratified with Global Water Award 2017 for Industrial Water Project of the Year.

I believe that the upcoming days behold a bright investment future for the petrochemicals industry in Egypt in the light of the wise governmental reforms, sincere employees dedication and extensive R&D activities that will place Egypt as a prolific competitor on the regional petrochemicals production map.

**President &
Chairman of the Board**

Chem. Saad Helal

LAUNCHING THE 2ND EDITION OF EGYPT'S PETROLEUM SHOW CONFERENCE AND EXHIBITION (EGYPS 2018)



His Excellency President Abdel Fattah El Sisi, the President of the Arab Republic of Egypt, inaugurated the second edition of the Egypt Petroleum Show (EGYPS), under the patronage of the Ministry of Petroleum and Mineral Resources. EGYPS 2018 (14- 16 February 2018) held at Egypt International Exhibition Center (EIEC) in New Cairo seek to demonstrates Egypt's self-sufficient strategy and vision in oil, in maximizing the added value of petroleum products, and in turning Egypt into a regional energy hub.

Prime Minister Sherif Ismail, Petroleum Minister Tarek el Molla in addition to a number of statesmen welcomed the Egyptian president upon arrival. The Secretary General of the Organization of Arab Petroleum Exporting Countries (OAPEC), the Gas Exporting Countries Forum chief and the head of the World Petroleum Council are also taking part in the event.

The EGYPS 2018 exhibition provides the largest and most important platform for industry professionals to gain insights into the upcoming oil and gas opportunities in Egypt and North Africa, from future licensing rounds, project requirements to short and long-term strategic plans and priorities. Minister of Petroleum, Tarek el Molla addressed the conference, saying today's event is an important platform for exploring promising opportunities in the petroleum market and increasing cooperation

with world companies.

He said the petroleum sector achieved over the past four years unprecedented successes that made Egypt the core of attention of many world companies.

Molla lauded steps taken by the Egyptian government to boost the national economy through liberalizing the pound, adopting daring economic reforms, developing investment-related legislations and fixing the energy subsidy mechanism.

The Egyptian Petrochemicals Holding Company (ECHEM) participated in the exhibition as a corner stone for the petrochemical industry in Egypt, to promote for its forthcoming opportunities while attracting foreign and local investments. The company as well sought exposure with the regional and global markets to monitor the state-of-the-art technologies and exchange experience applied worldwide.

The conference, which lasted for three days, was an opportunity to exchange views and technical expertise, and to learn about the latest technologies applied in the global oil and gas industry. More than 400 local and international companies, 10,000 participants and 11 pavilions of major countries in the petroleum industry participated in the event.

SIGNING FOUR CONTRACT AGREEMENTS



H.E. Minister of Petroleum and Mineral Resources, Eng. Tarek El Molla, witnessed the signature of two urea selling and supplying contracts for Suez for Methanol Derivatives project, as well as two supply commercial propane supply contracts for Sidi Kerir Petrochemicals (Sidpec) Polypropylene new project.

H.E. Eng. Tarek El Molla, pointed out that Suez for Methanol Derivatives project, is seen as a new leap in the Egyptian petrochemical industry as it is the first of a kind to produce Methanol products used in making fertilizers, ready mix concrete, and adhesives. The project represents an example of integration between the Oil and Gas sector's companies.

The Methanol Derivatives contract was signed by Eng. Gawdat Al Sadeq Head of Suez Petroleum Services Company (SUPSC), Eng. Saad Abu El Maaty Head of Abu Qir Fertilizers Company, and Eng. Ibrahim Abd ElSalam Head of Misr Fertilizers Production Company (MOPCO).

The project's investments reach around 50 Million USD and aim at producing 18 Thousand T/Y of Urea-Formaldehyde concentrate (UFC) 85, 43 Thousand T/Y of UFC 65, and 26 Thousand T/Y of Sulphonated naphthalene

formaldehyde.

Meanwhile, Sidpec's project was signed by Mohamed Abady, Head of Sidpec, Hesham Radwanm, Head of the Egyptian Natural Gas Company Gasco, and Abdel Megeed Hegazy, Head of the Egyptian Ethylene and Derivatives Company ETHYDCO.

The project comes as a part of the national petrochemical strategy, with designed capacity of around 450 Thousand T/Y of polypropylene and investments exceeding 1 Billion USD.

Its worth mentioning that Sidpec's project shows the integration between the sector's companies as it receives Propane from Gasco and electricity from ETHYDCO.



ECHEM'S SEMINARS ...

Economics Of Oil, Gas & Petrochemicals Industries



The Egyptian Petrochemicals Holding Company (ECHEM) organized a series of seminars about the Economics of the Oil, Gas & Petrochemicals industries. The seminars have been delivered by ECHEM's General Manager for Investment Planning, Dr. Gihad Rashwan who discussed the status and prospects of petrochemicals industry in the Arab countries. He commenced the seminar with a quick review of the industry importance in regional & global economic growth as a milestone for a number of vital applications.

Dr. Gihad Rashwan also highlighted features and phases of development through the state-of-art technologies applied for achieving environmental compliance and enhancing industry economics by finding new energy resources such as the integration between refinery and petrochemicals.

By the end of this seminar, Dr. Rashwan outlined that the petrochemicals industry is currently witnessing

significant progress worldwide, he stated that the near future behold a brighter prospective for the Arab states among Egypt as attractive markets which have competitive features and promising opportunities for investing in petrochemicals to meet numerous manufacturing sectors needs.

On the other hand, the second seminar addressed the sharp price fluctuations of Crude oil over the past three years. Dr. Gihad pointed out the reasons of this increasing and its impacts on economics especially in the Arab States and ways to tackle such new challenges.

The seminars held at ECHEM's training premise in September & October 2017, with the participation of various company departments and affiliates to enhance employees awareness and provide them with a fine level of information and knowledge needed to boost performance and effectiveness.

SUCCESS STORY

EMPOWERING THE INDUSTRY
FOR FUTURE GENERATIONS



Public Figures

Omar Samra



Omar Samra , an Egyptian adventurer, mountaineer, entrepreneur, inspirational speaker and future astronaut. He was born in London on 11 August 1978, and moved to Cairo when he was only weeks old. He graduated from the American University in Cairo (AUC) in 2000 with a BA in Economics and minor in Business Administration. He was also awarded MBA degree at the London Business School.

At the age of 16, Samra had the opportunity to travel to Switzerland and climb a small mountain there. Climbing a small mountain there left a big impression on the young Samra and it is then that he set himself the ambition of one day climbing the highest mountain on earth. Afterwards, he went on to trek and climb extensively in the UK, Himalayas, Alps, Andean,

Patagonian and Central American mountain ranges. Other adventures include traversing the Costa Rican jungle in 3 weeks, cycling across the Atlas Mountains of Morocco, around Andalusia in Spain and from London to Paris. As a keen traveler, Samra has been to over 80 countries and published writings about his traveling experiences in both English and Arabic.

Samra became the first Egyptian and youngest Arab to climb Mount Everest. He was also the first Arab to climb the mountain from its Nepali South face. In 2007, Samra joined a team of 4 and after an expedition that lasted 9 weeks, they were able to reach the summit.

In April 2008, Samra climbed the highest mountain in Africa, Mount Kilimanjaro, (Tanzania) by the Machame route. So far, he has climbed the mountain 5 times. In 2010, Samra helped found The Right To Climb, an initiative to raise funds and awareness for mental disability in Egypt through climbing Mount Kilimanjaro. To this day, more than 50 climbers have helped raise over \$250,000 for mental disability in Egypt.

Samra succeeded to climb Carstensz Pyramid (the highest mountain in Australasia), Aconcagua (highest mountain in South America), Mount Elbrus (the highest mountain in Europe), Mount McKinley (the highest

mountain in Alaska and North America) and He also succeeded in reaching the highest point on the Antarctic continent which marked the 6th of his attempt to climb the highest mountain on every continent, 7 in total. During his climb Samra faced -50 C temperatures, 70 km/hr winds and the challenge of living for 2 weeks in 24 hours of sunlight. This expedition also marks the beginning of Samra's pursuit to offset the carbon emissions from his entire 7 Summits climb, to achieve a carbon neutral 7 Summits challenge, raising the Egyptian flag on the highest points on earth.

In addition to climbing mountains he also became the first Egyptian to Ski to the Geographic South Pole. In 2015, Omar has made it to the North Pole. After skiing to both geographic poles, and climbing the highest mountain on every continent before that, Samra succeeded in becoming the first Egyptian to complete what is known as the "Explorers Grand Slam" among less than 40 people throughout history.

Samra won a competition among 2 million participants to represent Egypt on a commercial space mission sometime in 2018. If completed, Omar would become the first Egyptian in space. He is a perfect example of someone who preserved to achieve his dreams. He is absolutely making all Egyptians proud.

Management Tips

Emotional Intelligence

Emotional Intelligence is the ability to recognize, understand and manage our own emotions while being aware of, knowledgeable and influencing the emotions of others. In practical terms, this means being aware that emotions can drive our behavior and impact people. It is the ability to manage those emotions especially when we are under pressure.



When emotional intelligence first appeared to the masses in 1995, it served as the missing link in a peculiar finding mostly people with average IQs outperform those with the highest IQs. This anomaly threw a massive wrench into what many people had always assumed was the sole source of success—IQ. Decades of research now point to emotional intelligence as the critical factor that sets star performers apart from the rest of the pack.

Emotional intelligence is made up of four core skills that pair up under two primary competencies; personal competence and social competence.

PERSONAL COMPETENCE is made up of your self-awareness and self-management skills, which focus more on you individually than on your interactions with other people. Personal competence is your ability to stay aware of your emotions and manage your behavior and tendencies.

SOCIAL COMPETENCE is made up of your social awareness and relationship management skills. Social competence is your ability to understand other people's moods, behavior, and motives in order to improve the quality of your relationships. There are a variety of additional traits that constitute to emotional intelligence including: self-

awareness, self-management, social awareness and relationship management.

SELF-AWARENESS is your ability to accurately perceive your emotions and stay aware of them as they happen.

SELF-MANAGEMENT is your ability to use awareness of your emotions to stay flexible and positively direct your behavior.

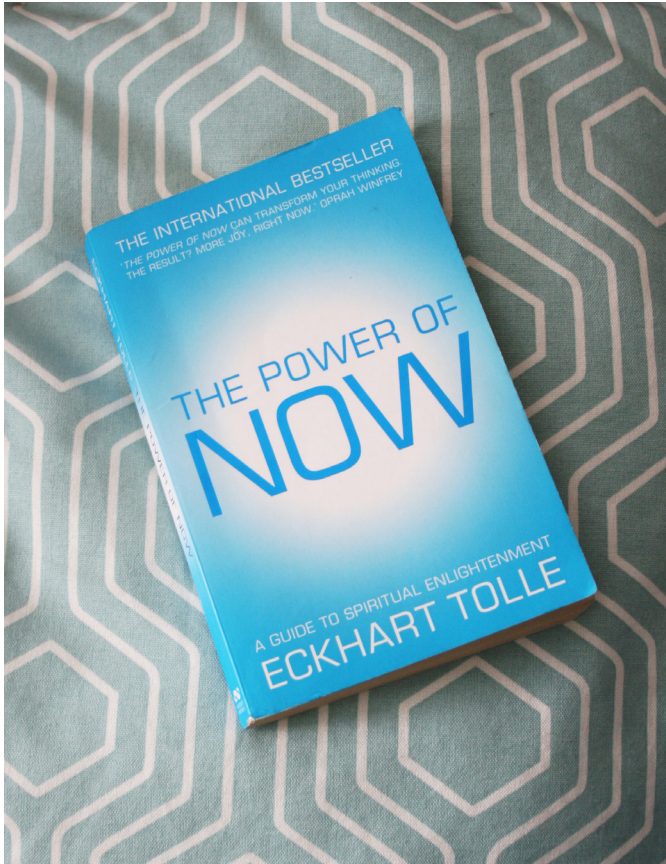
SOCIAL-AWARENESS is your ability to accurately pick up on emotions in other people and understand what is really going on.

RELATIONSHIP MANAGEMENT is your ability to use awareness of your emotions and the others' emotions to manage interactions successfully.

Emotional intelligence helps people understand each other better and is vital to fruitful human interaction. It bridges gaps and solidifies bonds, resulting in healthier relationships. We should start by understanding ourselves and by understanding ourselves, we will be able to enrich others more effectively leading to long-lasting and strong bonds.

Book Review

The Power of Now: A Guide to Spiritual Enlightenment



Eckhart Tolle is a German writer, public speaker, and spiritual teacher. The New York Times has called him (The Most Popular Spiritual Author in The Nation). He became well known for his bestsellers self- help books (The Power of Now) and (A New Earth). Tolle describes his childhood as unhappy, particularly his early childhood in Germany after suffering from long periods of depression. His depression reached its peak until he endured his "Inner Transformation Experiment" which is marked as a turning point in his life. Tolle's landmark bestseller (The Power of Now) was recommended by Oprah Winfrey and has been translated into 33 languages. In 2009, it was estimated that three million copies had been sold in North America alone.

(The Power of Now) is intended to be a guide for day-to-day living that stresses the importance of living in the present moment

while avoiding thoughts of the past or future. The book's major idea is that people's emotional problems are rooted in their way of thinking. The author believes that individuals should be aware of their "present moment" instead of losing themselves in worry and anxiety about the past or future.

Eckhart Tolle's message is simple: living in the now is the truest path to happiness and enlightenment. And while this message may not seem stunningly original or fresh, Tolle's clear writing, supportive voice and enthusiasm make this an excellent manual for anyone who's ever wondered what exactly "living in the now" means. More importantly, within a chapter of reading this book, readers are already holding the world in a different container - more conscious of how thoughts and emotions get in the way of their ability to live in genuine peace and happiness.

Tolle introduces major triggers to reach your Spiritual Enlightenment

1. Life is just a series of present moments
2. All pain is a result of resistance to the things you cannot change
3. Free yourself from the mind
4. Focus on the Now
5. Self-healing; learn how to heal yourself from pain
6. Enlightenment: rising above thought
7. The misconception of time & focus on the Power of Now

(The Power of Now) as well describes methods of relaxation and meditation to aid readers in anchoring themselves in the present. These suggestions include slowing down life by avoiding multi-tasking, spending time in nature, and letting go of worries about the future.

For a Better Life ...

5 Benefits of Reading

When was the last time you read a book, or a substantial magazine article? Do your daily reading habits center around tweets, Facebook updates, or the directions on your instant oatmeal packet? If you're one of countless people who don't make a habit of reading regularly, you might be missing out: reading has a significant number of benefits; here is a list of the top five benefits of reading.

1. STRESS REDUCTION

No matter how much stress you have at work, in your personal relationships, or countless other issues faced in daily life, it all just slips away when you lose yourself in a great story. A well-written novel can transport you to other realms, while an engaging article will distract you and keep you in the present moment, letting tensions drain away and allowing you to relax.

2. KNOWLEDGE

Everything you read fills your head with new bits of information, and you never know when it might come in handy. The more knowledge you have, the better-equipped you are to tackle any challenge you'll ever face. Remember, you might lose everything; including your job, your possessions, your money, even your health but knowledge can never be taken from you.

3. VOCABULARY EXPANSION

The more you read, the more words you gain exposure to, and they'll inevitably make their way into your everyday vocabulary. Being articulate and well-spoken is of great help in any profession, and knowing that you can speak to higher-ups with self-confidence can be an enormous boost to your self-esteem. It could even aid in your career, as those who are well-read, well-spoken, and knowledgeable tend to get promotions more quickly than those with smaller vocabularies and lack of awareness.

4. MEMORY IMPROVEMENT

When you read a book, you have to remember an assortment of characters, their backgrounds, ambitions, history, as well as the various arcs and sub-plots that weave their way through every story. That's a fair bit to remember, but brains are marvelous and can remember these things with relative ease. Amazingly enough, every new memory you create strengthens existing ones and assists in short-term memory recall as well as stabilizing moods.

5. BETTER WRITING SKILLS

This goes hand-in-hand with the expansion of your vocabulary: exposure to published, well-written work has a noted effect on one's own writing, as observing the cadence, fluidity, and writing styles of other authors will invariably influence your own work. In the same way that musicians influence one another, and painters use techniques established by previous masters, so do writers learn how to craft prose by reading the works of others.

There's a reading genre for every literate person on the planet, and whether your tastes lie in classical literature, poetry, fashion magazines, biographies, religious texts, young adult books, self-help guides, street lit, or romance novels, there's something out there to capture your curiosity and imagination. Step away from your computer for a little while, open a book, and replenish your soul for a little while.

Quotes

Remember, happiness doesn't depend upon who you are or what you have, it depends solely upon what you think.

-Dale Carnegie-

QUIZ

For the Olympics and World Tournaments, the dimensions of basketball court are

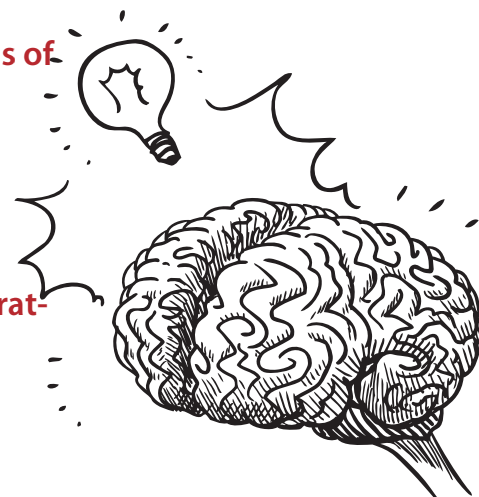
1. 26 m x 14 m
2. 28 m x 15 m
3. 27 m x 16 m
4. 28 m x 16 m

Each year World Red Cross and Red Crescent Day is celebrated on

1. May 8
2. May 18
3. June 8
4. June 18

Fire temple is the place of worship of which of the following religion?

1. Taoism
2. Judaism
3. Zoroastrianism (Parsi Religion)
4. Shintoism



3
1
2
Answers:

PETROCHEMICALS PUZZLE

Governorates in which our petrochemical projects take place are ..

Alexandria

Damietta

Port Said

Suez

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

THE CORRECT ANSWER:

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

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