

Echem

EGYPTIAN PETROCHEMICALS HOLDING CO.

LINK

your eye on events

NOVEMBER 2018



**STANDING
OUT FOR
FUTURE
SUCCESS**

OVERTURE

Hope is the key to success. Where there's a will there is a way. Driven by perseverance and persistence, ECHEM took upon itself the challenge of unraveling any obstacle in order to push Petrochemicals industry forward. Thanks to our adopted strategies that helped us address regional & global industry challenges.

Such efforts have also helped us to improve ECHM'S overall performance in addition to maximizing utilization of Egypt's natural resources to improve production capacities at current projects. It moreover assisted in targeting potential refining and petrochemicals investments. Those projects involve a range of specialized products upon which many industries are based and thus help to secure local market needs.

In this regard, the fiscal year (FY) 2017/2018 has witnessed a remarkable progress through placing seven projects under execution in order to cherish the growing of Egypt's petrochemical industry and enable optimum serving of the national economy.



Not only has ECHEM focused on Egyptian expansion plans (projects), but it has also paid much attention into completing its companies' development program, ones that included securing feedstock and regulating annual overhauls. This is in addition to continuous improvement plans and long-



standing commitment to health, safety and environmental stewardship. The acts that resulted in inauguration of SIDPEC projects that helped in enhancing production quality and rationalizing energy consumption via applying CO2 "capture and liquefaction" environment-friendly technology.

Our role is not limited to developing projects that improve Egypt's balance of payments. Investment in community is an investment in our long term success. Wherever we are, we strive to be a good neighbor sharing the concerns of our communities and working to create a better future. In this respect, cooperation with water companies is one form of fruitful projects within government development plans.

I believe that the upcoming days behold a bright investment future for the petrochemical industry in Egypt. Such prominent industry attracts many investments and avails thousands of direct and indirect job opportunities. We believe that this rests on sincere employees' dedication that will place Egypt as a prolific competitor on the regional petrochemicals production map.

President & Chairman of the Board

Chem. Saad Helal

ECHEM's Ordinary General Assembly Meeting



H.E. Minister of Petroleum and Mineral resources, Eng. Tarek El Molla, headed ECHEM ordinary general assembly meeting on Sunday 16th September, 2018 at the ministry of petroleum premises to endorse the fiscal year 2017/2018 results.

During the meeting, **ECHEM President and Chairman, Chemist. Saad Helal**, highlighted the company's achievements during the same fiscal year. He pointed out that six new Egyptian petrochemical projects with an approximately Total Investments of 2 Billion USD are under execution. He added that such projects will have a great impact on the petrochemical industry as they will provide local market with raw materials. Those projects are:

- Suez project for Methanol Derivatives.
- Sidpec Propylene & Polypropylene production project.
- EthydcO project for Rubber Butadiene.
- Electricity plant.
- Medium Density Fiberboard (MDF) wood panels.
- MOPCO marine berth for the export of Urea & Ammonia liquid fertilizer project and storage and loading facilities.

On equal footing with projects' implementation, Chemist. Saad Helal also confirmed ECHEM'S adherence to ensure the applying of Environmental & safety standards to guarantee employees' safety as well as following safe operating procedures at current operating units. He outlined that compliance with HSE regulations has led to highly positive outcomes especially recognized in Al

Amin unit and carbon dioxide recovery projects inaugurated by H.E. Minister of Petroleum and Mineral Resources earlier this year. It is worth mentioning that those projects aim at improving environment through reducing carbon emissions.

Moreover, ECHEM Chairman stated that the company's vision to establish more promising projects aimed at maximizing the efficiency of raw materials utilization for specialized petrochemical products. Those future projects shall serve diversified industry sectors projects like that of Al-Alamein petrochemicals complex.



Development and improvement of the petrochemical system is one of the main axes of the national project to transform Egypt into a regional hub for the trade of Energy, stated Eng. Tarek El Molla. His Excellency also spotlighted the importance of performance improvement and continuous update for the company's vision in order to be able to cope with local and international markets.

Al-Alamein Petro-Refinery Complex



Striving to boost economic growth & sustainability in Egypt by creating new fruitful opportunities which satisfy the local markets with crucial products, The Egyptian Petrochemicals Holding Company (EChem) utilizes its full potential for implementing Al-Alamein Petro-Refinery Complex .

Echem in collaboration with Fluor, is developing and studying the feasibility of the project to produce 1.4 million tons of petroleum products in addition to 1.3 million tons of specialty petrochemical products, based on 2.7 million tons per year mix of crude oil and condensate as

the main feedstock for the project. The project location is expected to be at Industrial zone, New Al-Alamein City.

In light of the outstanding economic returns of the project, channels of communication with a number of local and international companies are currently being opened to discuss cooperation in terms of licenses, shareholding, financing and product marketing. The project will contribute to meet some of the needs of the local and international markets with its specialized petrochemical products serving many vital industrial sectors such as synthetic rubber, adhesives and solvents.

Protocol signed to provide drinking water, Al Nahda district- Alexandria



A cooperation protocol was signed between Egyptian Petrochemicals Holding Company (ECHEM), Sidi Kerir Petrochemicals Company (SIDPEC), Egyptian Ethylene and Derivatives Company (ETHYDCO), and Egyptian Natural Gas Company (GASCO) along with Holding Company for Water and Wastewater (HCWW) and Alexandria water Company.

The event took place on Tuesday 14th August, 2018 under the patronage of ministry of petroleum and mineral resources at ECHEM headquarters. The initiative aims at providing clean and safe drinking water to villages lacking access at al-Nahda Road, in the governorate's district of Amreya -Alexandria. The signature was witnessed by Chemist. Saad Helal, ECHEM President and Chairman, and heads of participating oil companies, in addition to Eng. Mamdouh Raslan, Chairman of Holding Company for water and wastewater (HCWW) and Eng. Ahmed Gabr, head of Alexandria Water Company.

The Protocol signature comes under social responsibility initiatives undertaken by ECHEM and oil sector companies to improve the environmental and health situations of vulnerable families and children. The key objective of this initiative is to provide adequate clean water to maintain their

health, thus goes hand in hand with government development plans.

According to the protocol, Oil companies shall provide proper funding needed for water supply projects in addition to water meters installation in four Egyptian villages: Al Hwais, Al Karnak, Abu Simbel 1 and Abu Simbel 2 at Al Nahda district.



Furthermore, they will collaborating with Alexandria Water Company in raising awareness upon necessity of water consumption at the time being.



Gastech 2018
(17-20 September 2018)



MOC 2018
(17-19 April 2018)



Gastech 2018
(17-20 September 2018)



Sidi Kerir Petrochemicals Co. (Sidpec) signed a contract with W.R. Grace & Co. to provide process technology licensing for a polypropylene (PP) plant (12th October 2018)

Public Figures

Tawfiq al-Hakim

Tawfik Al-Hakim born in Alexandria in 9th of October 1898. He was prominent Egyptian writer and is considered as one of the pioneers of the Arabic novel and drama in Arabic literature, his overarching role have been reflected significantly on the political and social life in Egypt. .



From an early age he showed a sensitivity and love for literature. His eager for theater had begun with attending performances of such famous actors as George Abyad. At secondary education, he began writing short plays with different genres such as short stories, essays, and patriotic songs.

After studying law at Cairo university, he moved to Paris, to begin his postgraduate studies at Sorbonne university. However, his attention turned increasingly to theatres and Opera. After four years in Paris,

he finished his studies and returned to Egypt, he worked in the Ministry of Justice and in the Ministry of Education. However, he decided to devote himself entirely to writing, full of ideas for transforming Egyptian theatre.

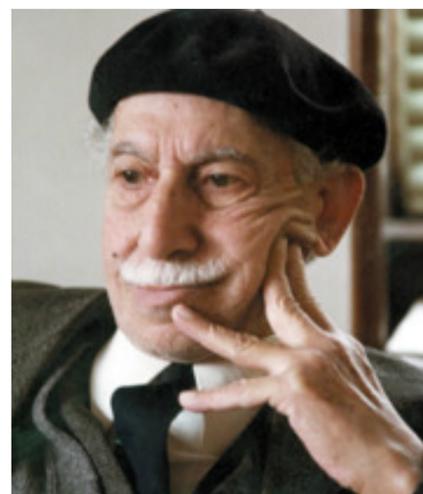
The theatrical art of al-Hakim could be classified into three phases:

1. Initial phase: The group of plays he wrote in his early life in which he expressed his personal experience and attitudes towards life such as (The Groom) and (Before the Ticket Office). These plays were more based on Al Hakim's personal opinion in criticizing social life.
2. Second phase: This dramatic style produced plays to be read not acted which is called intellectual theatre. Thus, he refused to call them plays and published them in separate books.
3. Objective phase: This style aiming to contribute in the development of the Egyptian society by fixing some values of the Egyptian society.

The Egyptian government awarded Tawfiq Al-Hakim the



"Necklace of the Republic" in recognition of his great efforts in promoting Art and Literature. Also in 1961, he had received the State Appreciation Prize for Literature. Al-Hakim had passed away in Cairo in 1987, after enriching the modern Arabic literature with his creative works, that reflected his distinctive style in theatrical writing, leaving his fingerprint on the whole society.

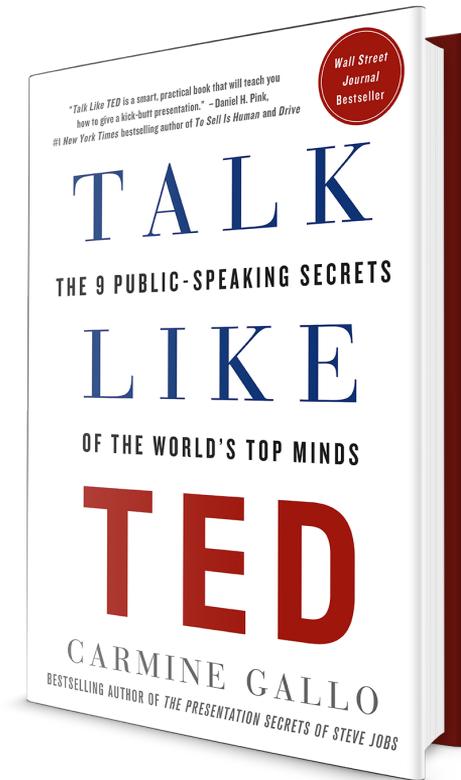


Book Review

Talk Like TED

9 Public-Speaking Lessons from The World's Greatest TED Talks

Carmine Gallo is an American author, presenter, and journalist. He is the author of the bestselling book *"The Presentation Secrets of Steve Jobs"*. Carmine is the President of Gallo Communications Group who works as a communications skills coach and speaker.



He is also a founder for Forbes magazine where he writes articles for the Leadership. He is regarded as an expert in his field in business communications and leadership skills.

Carmine Gallo's top 10 Wall Street Journal Bestseller "Talk Like TED" will give anyone who is insecure about their public speaking abilities the tools to communicate, the ideas that matter most of them, the skills to win over hearts and minds, and the confidence to deliver the talk of their lives.

Carmine Gallo has analyzed the top TED talks and interviewed the most popular TED presenters to uncover the nine secrets of all successful TED presentations. TED talks have launched movements, increased awareness and raised funds for worthy causes redefining the elements of a successful presentation. With more than one billion views, TED

talks have set the world on fire and have become the gold standard of presentations.

Gallo provides a step-by-step method that makes it possible for anyone to create, design, and deliver a TED-style presentation that is engaging, persuasive, and memorable.

The nine public speaking lessons from the world's greatest TED talks as presented in the book are:

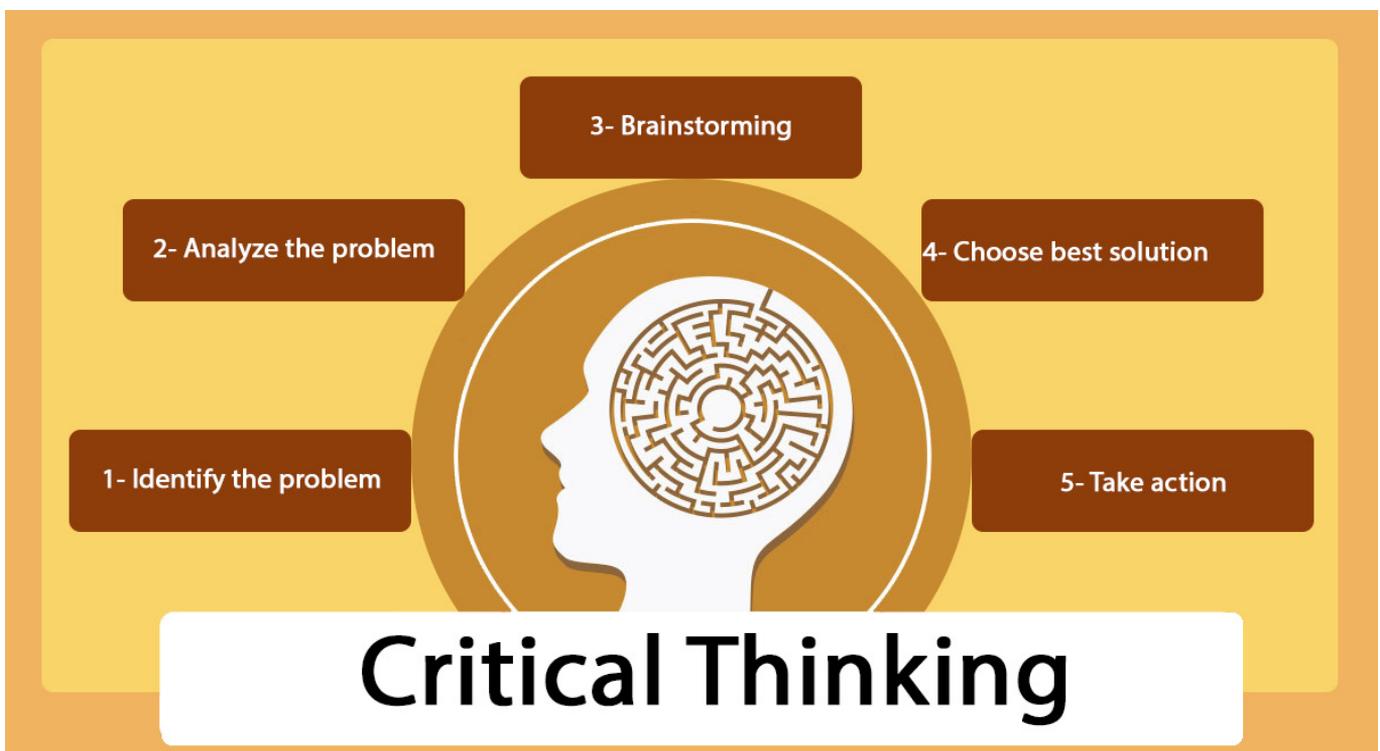
1. Unleash the monster within you
2. Mastering the Art of Storytelling
3. Have a Conversation
4. Teach People Something New
5. Deliver Jaw-Dropping Moments
6. Lighten Up: Use humor without telling a joke
7. Stick to the 18-Minute Rule
8. Paint a Mental Picture with Multisensory Experiences
9. Stay in Your Lane

Management Tips

How to Think Critically To Solve Problem

Critical thinking is the process of rationally analyzing and attempting to solve a problem accurately and efficiency without relying on assumptions or guess. One of the central strategies to critical thinking and problem solving as complete and understanding as possible of the problem. This means restating the problem in a number of different ways to learn about its dimensions, related problems, and where to look for information about the problem and possible solutions. Assessing a problem using critical thinking may reveal it's not a problem at all, or that it's impossible to solve given present circumstances, which allows a business leader to focus on reducing its harmful effects instead of searching for complete solution.

Like any other skill, learning to think critically or problem-solve takes time, perseverance and practice. Knowing which steps to take and how to apply them helps us master the process.



Steps to Critical Thinking As It Relates To Problem Solving:

- **Identify the Problem**

The first task is to determine if a problem exists. Sometimes when you think this point through, you may come to the conclusion that there really isn't a problem, just a misunderstanding. If that's the case, fine. If not, and you determine that there is indeed a problem, you need to identify exactly what it is. According to Barry Lubetkin, a New York clinical psychologist, how systematically someone weighs the pros and cons of a problem and how clearly the person can define and state it, is also an indication of highly developed intelligence.

- **Analyze the problem**

Look at it from different angles. Once you've determined the problem, analyze it by looking at it from a variety of perspectives. Is it solvable? Is it real or perceived? Can you solve it alone or do you need help? Sometimes by looking at it from many angles you can come up with a resolution right away. You may also reveal a bias or narrow point of view that needs to be broadened.

- **Brainstorm and come up with a several possible solutions**

Problems can be solved in many ways. Brainstorm a list of several possible solutions. Put down anything that comes to mind and then go over the list and narrow it down to the best possibilities. Having several viable options leads to obtaining the best results.

- **Decide which solution fits the situation best**

Go over your list of possible solutions. Different situations call for different solutions. Quite often what works in one situation, may not work in a similar one. Take time to determine what will

work best for the problem at hand. One solution usually does not fit all.

- **Take action**

Implement your solution. Every problem has a solution; even if it is to accept the situation and move on. Instead of approaching problems and challenges as insurmountable obstacles, we can view them as opportunities to hone our critical thinking and problem-solving skills.

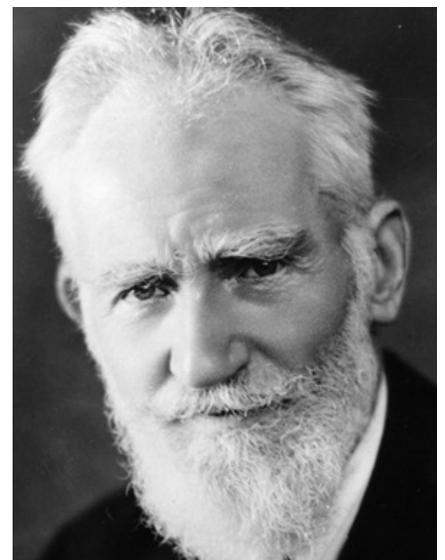
Every problem we are able to resolve increases self-confidence and self-worth. Thinking critically not only helps us handle future challenges more skillfully, it also broadens our life experience and helps us gain perspective.



Quotes

Don't lose faith. Promise yourself that you will be a success story, and I promise you that all the forces of the universe will unite to come to your aid; you might not feel today or for a while, but the longer you wait the bigger the prize.

— *George Bernard Shaw* —



QUIZ

What is the origin of the word Atlas (the Book of Maps)?

1. Latin
2. Farsi
3. Greek

What is the largest gulf in the world?

4. Gulf of Mexico
5. Gulf of Alaska
6. Gulf of Oristano



What is the fastest marine creature?

1. Pisces
2. Tuna fish
3. Sharks

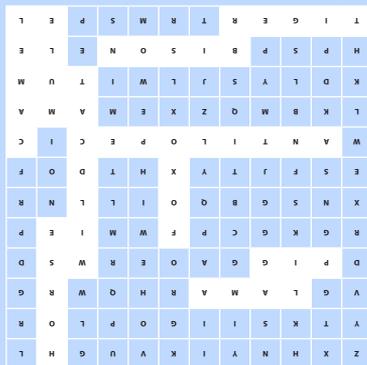
2
1
3

Answers:

CROSSWORDS



- | | |
|----------------|-----------------|
| TIGER | ANTILOPE |
| LAMA | CAMEL |
| WILDCAT | FOX |
| PIG | MULE |
| BISON | HORSE |



THE CORRECT ANSWER:

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

Issued By ... Board & Media Affairs

CHIEF EDITOR
Ayat Bahgat

EDITORIAL STAFF
Sarah Mohsen
Sarah Maher
Rasha Ragab

EDITORIAL & DESIGN TEAM
Amr Fawzy
Tamer El Kafrawy
Ahmed Saad