



**Engineer Mohammad Adel Al Mouzi**

**AFA Board Chairman**

- It is my great pleasure to welcome you all in the opening ceremony of the 24<sup>th</sup> AFA International Technical Conference, held in Hashemite Kingdom of Jordan as severally convened before. I also seize the opportunity to extend, in my name and on behalf of AFA board members, all thanks to the Jordanian government and AFA companies for the support provided to such Conference proceedings.
- Our Conference today has become an event sought by international companies specialized in fertilizer industry technology, equipment and chemical production, in order to present their latest developments in this concern. In the same vein, the Conference is considered an opportunity for Arab fertilizer industry specialists and experts to meet with their peers in international companies and raise the state-of-the-art developments via regional working papers presenting companies expertise in different technical fields.
- Since its establishment AFA works and sets its mechanisms and programs according to the latest developments witnessed and challenges faced by

fertilizer industry. This method is clarified in AFA annual plans, which take in consideration all Arab fertilizer industry needs and coping with international developments. AFA purpose from the previous effort has been to raise the level of efficiency, improve the standard of performance and promote such an industry on scientific basis. Therefore, this year Conference is convened under the title “The Available Best Technologies in Fields of Energy, Environment Protection, Water Rationalization and Production Methods Maintenance and Development”

- Arab fertilizer industry occupies an effective and vital status internationally, bearing in mind the Arab region abundance of resources; namely phosphate material, natural gas, potash and sulfur. Furthermore, Arab fertilizer industry possesses a foundation of trained human capacity, hence being an attracting factor for the establishment of common projects and the encouragement of foreign investments with the state-of-the-art production technologies.
- In such a field Arab fertilizer industry occupies a high percentage of the international production and Arab exports of fertilizer products, including inter alia

Product	Arab Production against International Production (%) for 2010	Arab Exports against International Exports (%) for 2010
Ammonia	9	18
Urea	12	40
Phosphate Rock	27	75
Phosphoric Acid	16	55
Tri-super phosphate	32	34
Di-ammonium phosphate	12	25

..... etc.

The above numbers are a result of the increasing productivity of such materials. The productivity of such materials are further expected to reach very high percentages

during the period 1980-2016 as planned according to the underway projects. For example:

Product	Unit	1980	2010	*2016	% of development from 1980 to 2016
Ammonia	Product	2	13.6	21	950%
Urea	Product	2.5	16.4	24	860%
Phosphate Rock	Product	31	48.2	54	74%
Phosphoric Acid	P2O5	1.3	5.8	6.9	438%
Tri-super phosphate	Product	0.9	1.9	3.2	256%
Di-ammonium phosphate	Product	0.9	5.2	6.4	611%
Potash	Product	-	1.9	2.5	27.5%
Sulfur	Product	1.7	6.1	12	605%

#### Ladies and Gentlemen

- Today's world is a world of economic and industrial blocs; the world main power. Thus, we should work on enhancing Arab economic integration by promoting opportunities for economy development via coordinating efforts to set comprehensive Arab strategies. Taking in consideration, the Arab region being rich with technical, human and financial potentials assisting the effective Arab situation.

#### Ladies and Gentlemen

- I would like also to take this opportunity to warmly thank the Jordanian companies, which supported and contributed in the convening of such a Conference:

- Jordan Phosphate Mines Company
  - Arab Potash Company
  - Nippon Jordan Fertilizer Company
  - Indo-Jordan Chemicals Company
  - Arab Fertilizers and Chemical Industries (Kemapco)
  - Jordan National Shipping Lines
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- With reference to the program of the 24<sup>th</sup> AFA International Technical Conference, it includes 23 working papers submitted by 14 Arab and non-Arab countries highlighting three major sectors, that is to say:
    - Nitrogenous Industries
    - Phosphate Industries
    - General Topics (Health, Safety and Environment ....)
  - All of the stated above papers present distinct regional and international expertise, aiming at identifying the latest developments in related industry technologies and enhancing such an industry competitiveness, environmental and human friendliness and societal and developmental responsibility bearing.
  - At the end, I would like to re-thank my colleagues in AFA board and secretariat for their continuous efforts exerted to advance Arab fertilizer industry.

Wishing you all success

Best Regards

Engineer Mohammad Adel Al Mouzi

AFA Board Chairman