



Urea & Ammonia Supply Outlook for GCC Producers 2002-2006

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Sources
IFA, Fertecon & GCC Producers



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Introduction :



The GCC Fertilizer Industry started back in the 60's to take advantage of the vast reserves of natural gas in the region. The first fertilizer complex was set up in Kuwait and was completed back in 1966 with an initial annual production capacity of 107,000 metric tonnes of Ammonia and 168,000 metric tonnes of Urea.

Today, almost all GCC countries have established their own plants with a total annual production capacity of about 5 million metric tonnes (Mt) of Ammonia and over 6 Mt of Urea and exports to over 40 countries worldwide.



GCC Producers

Production & Export Availability :



Company	Country	Est.	Product	Annual (in 000mt)	
				Prod.	Export
PIC	Kuwait	1963	NH3	485	85
			Urea	650	644
SABIC	S. Arabia	1969	NH3	2,200	500
			Urea	2,800	2,450
QAFCO	Qatar	1969	NH3	1,430	473
			Urea	1,600	1,597
GPIC	Bahrain	1979	NH3	425	113
			Urea	570	567
FERTIL	U.A.E	1980	NH3	430	68
			Urea	600	540
TOTAL			NH3	4,970	1,239
			Urea	6,220	5,798

GCC Main Markets :



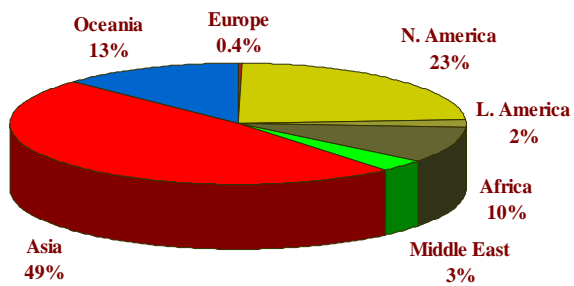
Urea Markets

USA	Canada	Vietnam	Thailand	Philippines	India	Sri Lanka
S. Africa	Bangladesh	Korea	Japan	Malaysia	Myanmar	Nepal
Australia	N. Zealand	Ethiopia	Sudan	Kenya	Mozambique	Taiwan

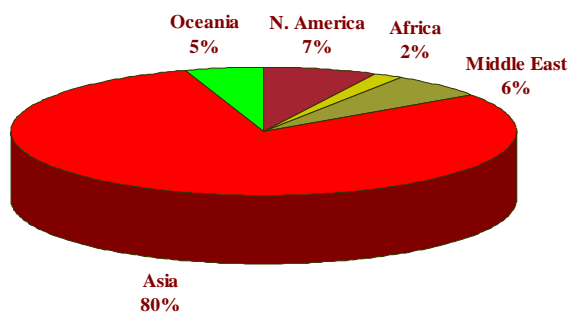
Ammonia Markets

India	S. Africa	USA	Korea	Australia	Jordan	Thailand
Taiwan	Philippines	Tunisia				

GCC Urea Regional Distribution – 2001 :



GCC Ammonia Regional Distribution – 2001 :



Advantages of GCC Producers :



GCC producers play an important role in the Fertilizer Industry and their success has been attributed to the :

- ▣ Vast Reserves of Natural Gas.
- ▣ Low Production Cost.
- ▣ Reliability of Supply/Availability.
- ▣ Geographical Location/Freight Advantage.
- ▣ Quality Assurance.
- ▣ Political Stability.

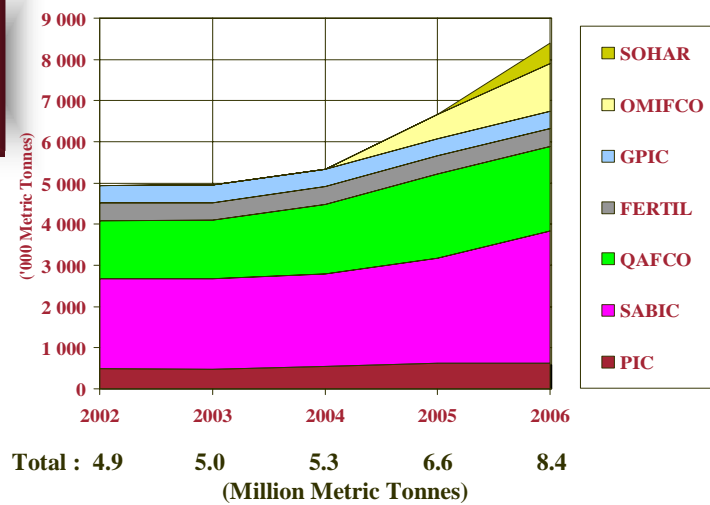
GCC Future Projects 2002-2006

(Metric Tonnes)

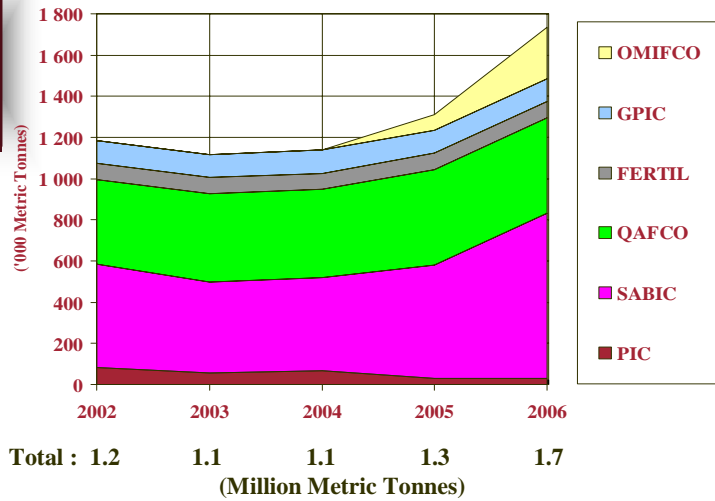


Company	Unit	Project Type	Start Date	Product	Annual Capacity	Export Availability
PIC	UREA A & NH3 II	Convert to Granular	2002	Urea NH3	1,006,500 620,400	1,006,500 16,500
QAFCO	QAFCO IV	New Plant	2004	Urea NH3	1,100,000 700,000	1,100,000 60,000
SABIC	SABIC IV	New Plant	2004	Urea NH3	720,000 500,000	720,000 50,000
OMIFCO (Oman)	UREA & NH3	New Plant	2005	Urea NH3	1,668,000 1,156,000	1,650,000 250,000
Sohar Fertilizer (Oman)	UREA & NH3	New Plant	2006	Urea NH3	1,160,000 660,000	1,150,000 -

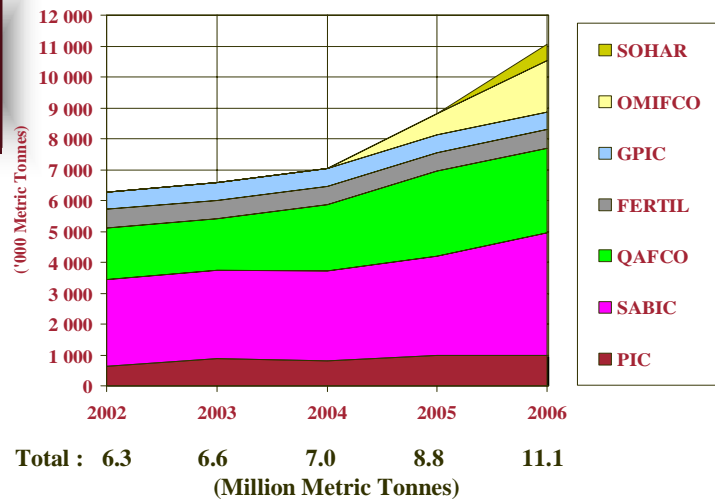
Ammonia Capacity Development 2002-2006



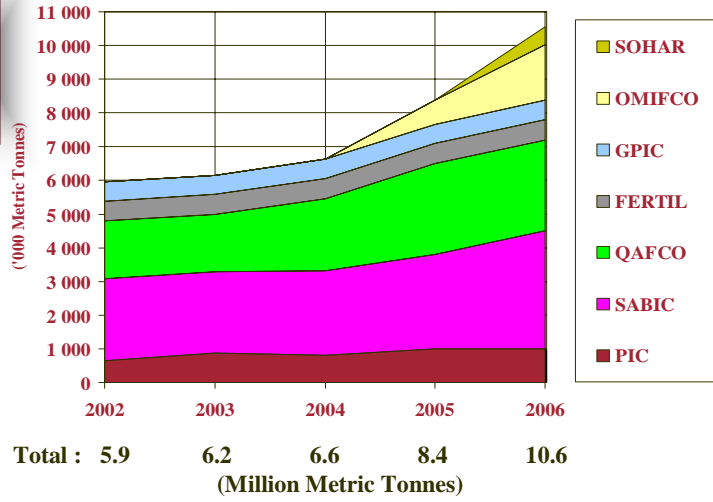
Ammonia Export Supply Development 2002-2006



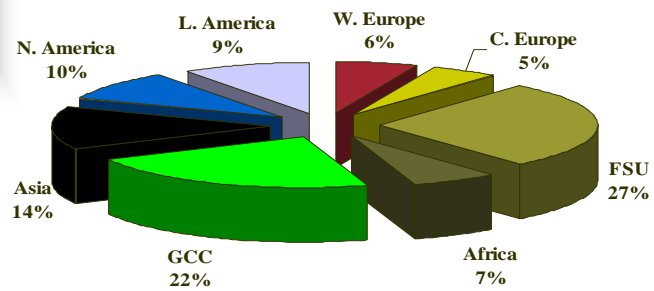
Urea Capacity Development 2002-2006



Urea Export Supply Development 2002-2006

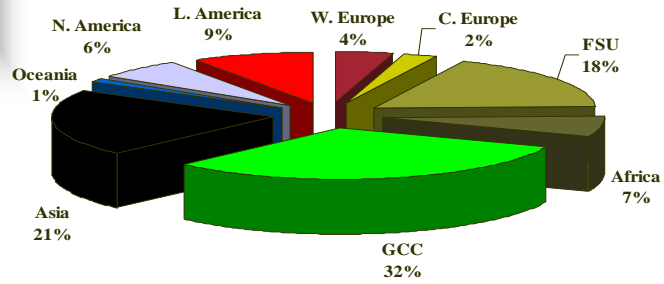


GCC Urea Supply vs. World 2002



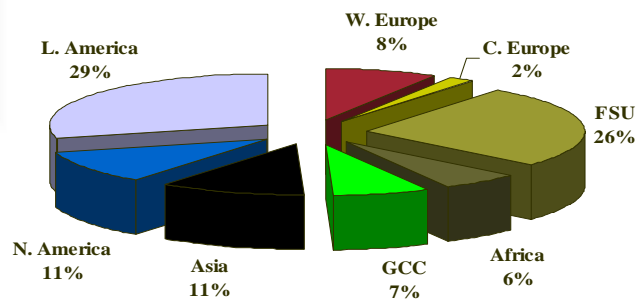
Total GCC Quantity : 5.9 Million Tonnes

GCC Urea Supply vs. World 2006



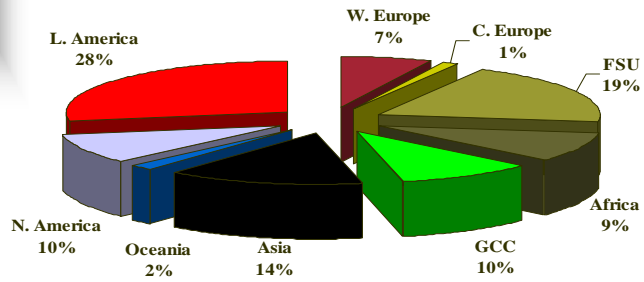
Total GCC Quantity : 10.6 Million Tonnes

GCC Ammonia Supply vs. World 2002



Total GCC Quantity : 1.2 Million Tonnes

GCC Ammonia Supply vs. World 2006



Total GCC Quantity : 1.7 Million Tonnes



The End ...
Thank You

