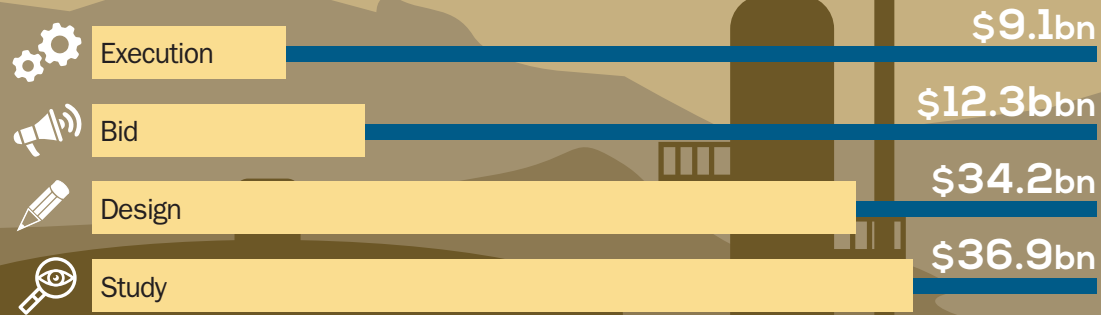


DOWNSTREAM DELIVERY

After years of weak sales amid low oil prices, the GCC petrochemicals industry is looking forward to a rush of projects as capacity is expanded

GCC petrochemical project pipelines by stage



158.8

Total output in millions of tonnes a year in 2016 – the highest level seen in five years

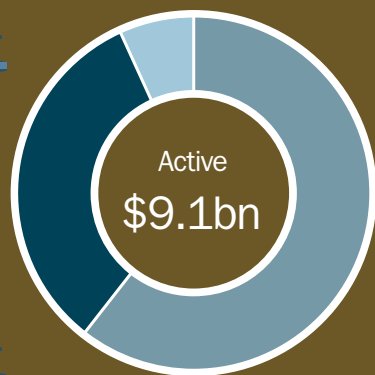
\$71bn

Sales revenue earned in 2017, representing an increase of 6% on 2016*

102

Number of chemical products produced in the region in 2016

Total active and planned project values by country

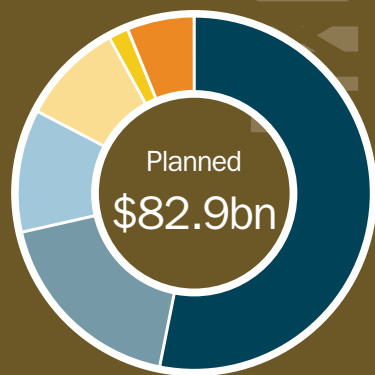


SAUDI ARABIA

Active \$2,970m
Planned \$44,060m
Combined \$47,030m

KUWAIT

Planned \$7,800m

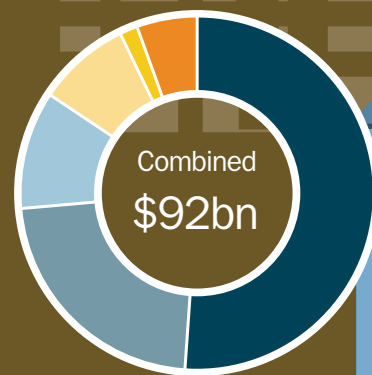


OMAN

Active \$5,512m
Planned \$15,200m
Combined \$20,712m

BAHRAIN

Planned \$1,500m



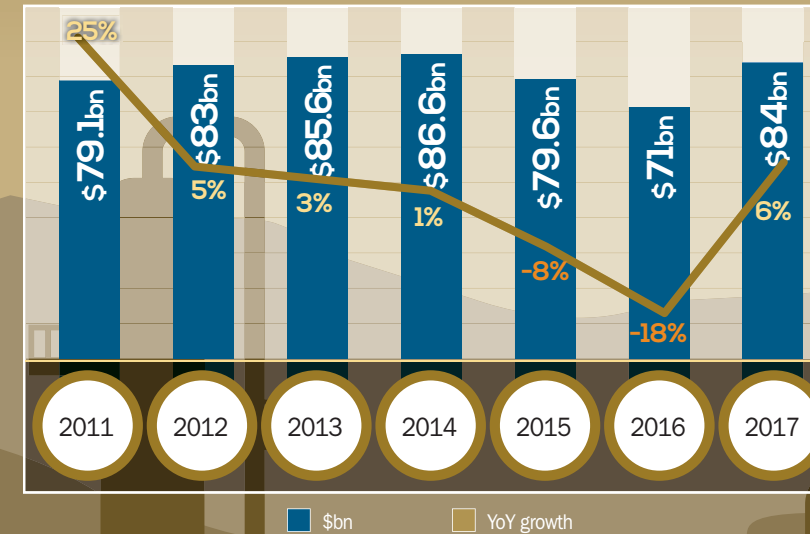
UAE

Active \$620m
Planned \$9,280m
Combined \$9,900m

OTHERS

Planned \$5,082m

GCC chemical industry sales*



2%

GCC region's approximate share of 2016 global chemical sales

28%

Manufacturing value added by these products, equal to \$43.8bn

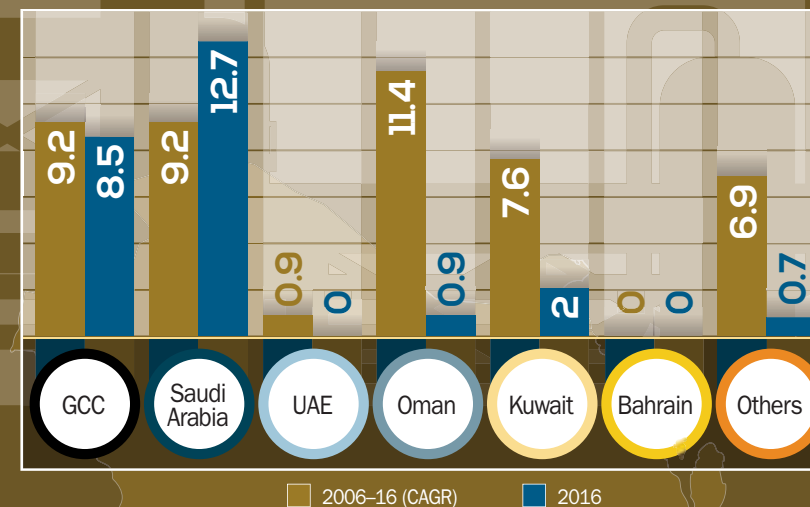
61%

Proportion of industry workforce made up of GCC nationals in 2016*

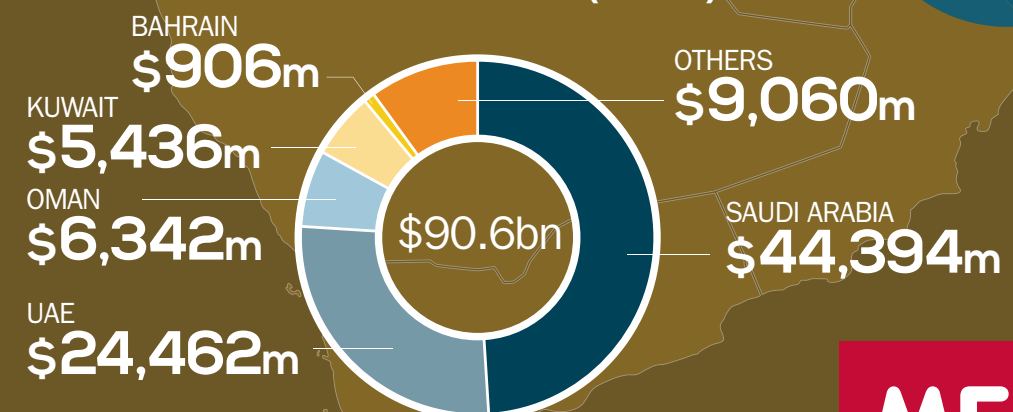
\$584m

R&D spending reported in 2016, showing a decline of 20%

GCC chemical production capacity growth (%)



Official GCC chemical revenue (2016)



Sources: MEED Projects; Gulf Petrochemicals & Chemicals Association, GCC national statistics
* GPCA member companies only (2017 data an estimate)