

The Global Chemical Industry: Catalyzing Growth and Addressing Our World's Sustainability Challenges

THE CHEMICAL INDUSTRY
DIRECTLY ADDED
\$1.1 TRILLION
TO GLOBAL GDP IN 2017

equivalent to
the GDP of
Indonesia



THE CHEMICAL
INDUSTRY IS THE
5TH LARGEST
MANUFACTURING SECTOR



120 
MILLION JOBS
ARE SUPPORTED BY THE
GLOBAL CHEMICAL INDUSTRY

equivalent to the
population of Mexico

FOR EACH JOB
IN THE CHEMICAL INDUSTRY,

7 

ADDITIONAL JOBS ARE
CREATED ELSEWHERE
IN THE ECONOMY

\$5.7
TRILLION
SUPPORTED IN
GROSS VALUE ADDED

equivalent to 7% of global GDP
(or equivalent to the combined GDPs
of India, Brazil, and Mexico)



\$2.6 TRILLION
GDP
83 MILLION
JOBS



THE ASIA-PACIFIC
CHEMICAL INDUSTRY MADE
THE LARGEST ANNUAL
CONTRIBUTION IN 2017,
FOLLOWED BY EUROPE
AND NORTH AMERICA

OUT OF THE OVER \$300 BILLION
PAID BY THE INDUSTRY IN
WAGES AND SALARIES, NEARLY
\$200 BILLION
OF CONSUMER SPENDING
IS INJECTED INTO
LOCAL ECONOMIES
ACROSS THE WORLD
EACH YEAR



DIRECT EMPLOYMENT OF
15 MILLION
IS EQUIVALENT TO
THE POPULATION
OF KOLKATA,

THE 14TH LARGEST CITY IN THE WORLD

CHEMICAL
MANUFACTURING IS
HIGHLY
PRODUCTIVE
WITH
\$75,000
GVA PRODUCED BY
EACH EMPLOYEE

\$51 BILLION
IN GLOBAL CHEMISTRY R&D
INVESTMENT
IN 2017



IN THE US, THE BASIC CHEMICAL
INDUSTRY IS CHARACTERIZED BY
ABOVE-AVERAGE
PATENT INTENSITY

