

CHEMICALS & PETROCHEMICALS INDUSTRIES

MUST CLOSE GAP IN EMISSIONS BY 2030

46% reduction in emission is required to achieve temperature rise of 1.5°C by 2030

Source: Oliver Wyman Forum's Climate Action Navigator

In 2021

4.73 TRILLION U.S. DOLLARS

chemical industry's total worldwide revenue reached the highest value of the last 15 years.

4%

OF TOTAL U.S. EMISSIONS COMES FROM CHEMICAL INDUSTRY

10%

OF ALL FOSSIL FUELS PRODUCED ARE CONSUMED BY THE CHEMICAL INDUSTRY

2 Gigatons

OF GREENHOUSE GAS EMISSION PER ANNUM GLOBALLY

1.5%

*EU27 OVERALL CHEMICAL SECTOR OUTPUT

- Above 2021 levels (Jan-Mar 2021)

*European Union

EMISSION

WATER

KUMHO PETROCHEMICAL, ULSAN & YEOSU, KOREA

CHALLENGE

Kumho were seeking to outsource their cooling and wastewater operations to improve reliability and optimize operations costs, water quality and consumption.

SOLUTION

Veolia supports Kumho production plants by ensuring continuous supply of water in the required quality and quantity, including an increased cooling demand, whilst not increasing operation costs.

10,500 m³
per day

Wastewater

Almost

3,000

wastewater treatment plants are managed by Veolia worldwide.

ONLY 2% OF THE 165 BILLION CUBIC METERS OF WASTEWATER COLLECTED AND TREATED IN THE WORLD IS REUSED

27,000 m³
per day

Industrial water

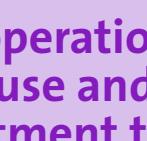
54,000 m³
per hour

cooling water (4 sites)

Treating
5.2 billion

cubic meters of wastewater.

Veolia helps achieve your *ESG Goals



Reducing operation costs through reuse and recycling water treatment technology



Minimizing environmental impact for sustainability



Offering of technology and expertise to enhance the value of resources

*environmental, social & governance