

30th WORLD LPG FORUM

3-5 OCTOBER 2017

MARRAKECH



INCREMENTAL WATERBOURNE EXPORTS ARE GAS-BASED (INCREASINGLY RICH IN PROPANE)



USA WILL REMAIN THE LARGEST EXPORTER

EXPORTS NEED TO MOVE TO S.E. ASIA

FREIGHT COSTS ESPECIALLY WILL AFFECT PRICES



US HAS EXCEEDED THE MIDDLE EAST (IN TON-MILES)

BW LPG

EXPORTS WILL GROW FASTER THAN PRODUCTION

HIGH LPG PRICES



ASIAN MARKET: STRONG GROWTH IN DEMAND FOR LPG

IMPORTS FROM US INCREASING

SAFETY FIRST

IT ONLY TAKES A SINGLE MOMENT...



NEED FOR "CHRONIC UNEASE"



LIQUEFIED PETROLEUM GAS SAFETY ASSOCIATION OF SOUTH AFRICA

- COOPERATION
- COORDINATION
- CONSOLIDATION



ILLEGAL FILLING!

WE COORDINATE WITH THE LOCAL FIRE DEPT. & CONDUCT PAIDS TOGETHER. ALSO WORK WITH POL. (DEPT. OF LABOUR) & POLICE

SAFETY IS CRITICAL TO SUSTAINABILITY

GOVT. SHOULD WORK WITH LOCAL ASSOCIATIONS

BACK to the FUTURE

IRANIAN PRODUCTION WILL RISE



RUSSIA SIBUR



WE HAVE INCREASING DEMAND FOR LPG FROM PETROCHEM COMPANIES (SEGMENT)

IN RUSSIA, SLACK OF LPG WILL BE EXPORTED

FEEDSTOCK A LARGE PART OF OUR BUSINESS

MARINE BUNKER FUEL

CHINA & INDIA WILL CONTINUE TO GROW

10% IN 2017

PROCESS SAFETY

KEEPING ELECTRICITY IN THE WIRES, GAS IN THE PIPES WATER BEHIND THE DAM

Contact



THE ENEMY OF SAFETY

KEEP IT SIMPLE



2-DAY SUMMIT ON HUMAN FACTORS

SHARE INDUSTRY BEST PRACTICES

COLLECT DATA FROM OUR MEMBERS

10 LIFE-SAVING RULES

FOR DRIVER: 10% OF SALARY AS INCENTIVE

WORK WITH YOUR MOST ARDENT DISSIDENTERS

WE PRODUCED HUMAN FACTOR PUBLICATIONS

WITH EXTRA CLASSIFICATION FOR "HUMAN FAILURE"



THE ROADS ARE BATTLEFIELDS, THE DRIVERS ARE SOLDIERS... IT IS OUR RESPONSIBILITY TO MAKE SURE THEY ARE EQUIPPED FOR BATTLE

SAFE TO LOAD

NO NIGHT DRIVING



BETTER TRUCKS (ELECTRONIC BRAKING SYSTEM ETC) IN-CABIN CAMERA (MONITOR SEAT BELT USE)

DATA COLLECTED CONSTANTLY

REWARDS FOR GOOD DRIVING

SMART DRIVER APP



GLOBAL LPG SUPPLY & DEMAND (10YR VIEW)



LPG CONSUMPTION ON THE RISE

ATTRACTIVE FEEDSTOCK FOR PETROCHEM INDUSTRY

AUTO GAS



ONE TO WATCH OUT FOR



ELECTRIC VEHICLES

3 FACTORS TO CONSIDER

WILL CONTINUE TO INCREASE

INCREASE 15 MILLION TONS/YEAR

CHALLENGE DEMAND IS LIKELY TO GROW FASTER THAN SUPPLY



UGI CORPORATION

PROPANE + BUTANE

PLACE OF MOST PRODUCTION GROWTH IN NEXT 10 YEARS

FREIGHT IS NOT LIKELY TO BE AN IMPEDIMENT (IN THE FLOW OF LPG FROM AREAS OF PRODUCTION TO CONSUMPTION)

INCREASE IN EXPORTS OF PETROCHEM PRODUCTS

OPPORTUNITY FOR LPG (AS A MARINE FUEL)

REQUIRES INITIAL CAPITAL INVESTMENT

EG. FOR LPG CARRIERS

DASHBOARD (YOU CAN'T FIX WHAT YOU CAN'T SEE)



"BULK COMPETE" TRAINING PROGRAM FOR EVERY EMPLOYEE

TRAINING PROGRAMS



AN INNOVATION CULTURE (FROM THE START)

GASMAR "7 YRS WITHOUT LOST TIME ACCIDENTS"