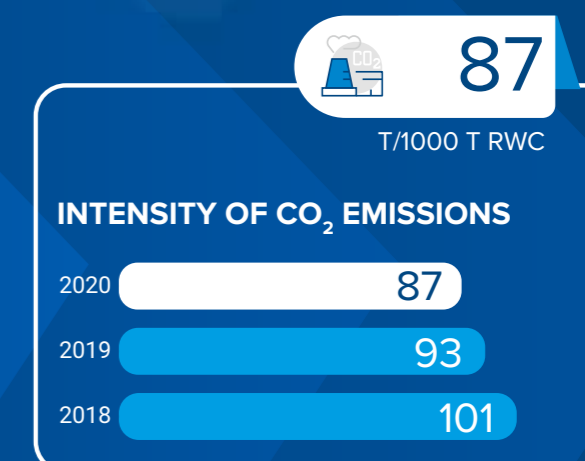
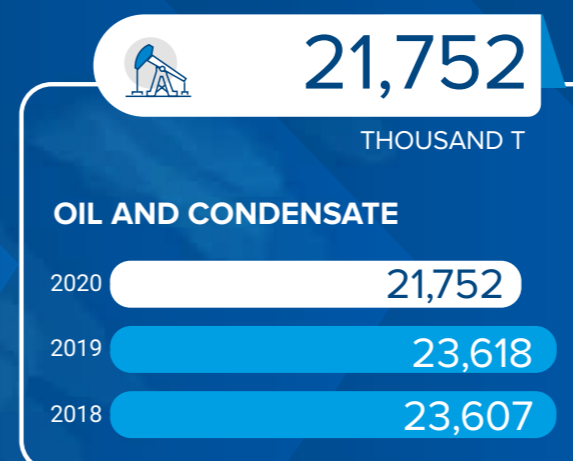
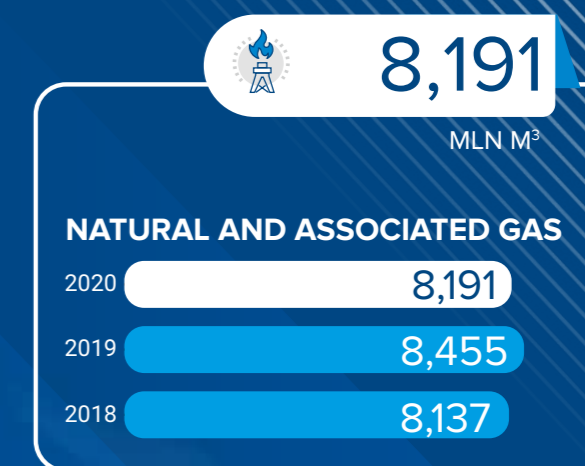
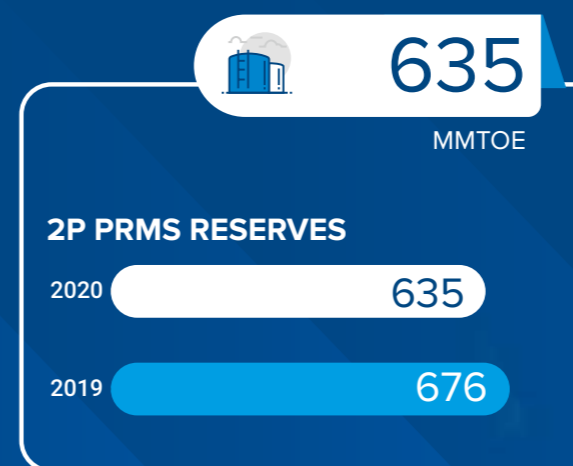


# PRODUCTION OF OIL AND GAS

## KEY INDICATORS

102-1,102-2,102-7,102-8



## CASE STUDY

In 2020, reserves of raw hydrocarbons grew by 16 mln tonnes, mainly as a result of additional exploration and re-estimation of fields of Embamunaygaz JSC, Ozenmunaygaz JSC, Kazakhturkmunay LLP, etc.

Today, about 85% of oil produced by Company's operational assets is produced by seven main fields: Uzen and Karamandybas (Ozenmunaygaz JSC), Kalamkas and Zhetybay (Mangistaumunaygaz JSC), S.Nurzhanov and East Moldabek (JSC Embamunaygaz) and Karazhanbas (Karazhanbasmunay JSC).

# OIL AND GAS TRANSPORTATION

KEY INDICATORS

102-1,102-2,102-7,102-8



64,181

THOUSAND T

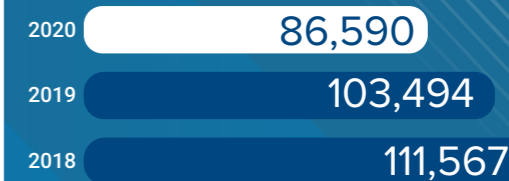
## OIL TRANSPORTATION



86,590

MLN M<sup>3</sup>

## GAS TRANSPORTATION



629

THOUSAND T

## OIL TRANSPORTATION IN THE CASPIAN



8,361

THOUSAND T

## OIL TRANSPORTATION IN THE BLACK AND MEDITERRANEAN SEAS



## CASE STUDY

In 2020, **NMSC KAZMORTRANSFLOT** transported 629,000 tonnes of oil in the Caspian using its own tanker, or 116% against the target (540,000 t).

In 2020, oil transportation in Black and Mediterranean seas reached 8,361,000 tonnes or 166% against the target (5,040,000 t).

Out of the total volume, 3,414,000 tonnes were transported by the own fleet and 4,947,000 tonnes were transported by chartered vessels.

Transportation in open seas:

- Oil transportation in the Black Sea: 3,420,000 tonnes;
- Oil transportation in the Mediterranean Sea: 4,941,000 tonnes.

# REFINING AND MARKETING

KEY INDICATORS

102-1,102-2,102-7,102-8

## CASE STUDY

### CASPI BITUM

In 2020, yield of bitumen reached 44% (4% more against the previous periods). This is a record setting maximum since commissioning of the facility. As compared to 2019, processing of less oil resulted in production of more bitumen:

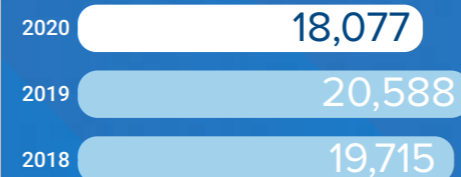
	2019	2020
Oil refining, t	886	865
Bitumen production, t	369	370



18,077

THOUSAND T

### OIL REFINING



3,167

THOUSAND T

### WHOLESALE SALES OF KMG PETROLEUM PRODUCTS PRODUCED IN ROK



# SERVICE

## CASE STUDY

### MANAGEMENT OF OFFSHORE COASTAL INFRASTRUCTURE

The following projects were successfully completed in 2020:

- MCV Barys, Berkut, Sunkar and tugboats Talas, Emba and Irgiz were built for the future Tengizchevroil expansion; 90 modules totalling to 57,000 tonnes were transported.
- 6 barges and 36 tugboats transported 25 major cargoes totalling to 3600 tonnes from Constanta Port (Romania) to Atyrau Port (RoK) for construction of KPI polypropylene production plant (Kazakhstan Petrochemical Industries Inc.).
- 1 barge was engaged for BERTLING, 2 major cargoes were transported from KCOI (RoK) to Prorva port (RoK).

Following compliance assessment by OCIMF (Oil Companies International Marine Forum), NMSC Kazmotransflot was given the highest rating A.

In 2020, one MCV (Barys) was started to be upgraded into a container carrier.

In 2020, 25, major cargoes were successfully transported from Constanta port to Atyrau river port for Construction of KPI Petrochemical Complex in Atyrau.

An investment project was initiated to purchase an Aframax tanker to transport KMG oil in open seas.

- Land and air transport
- Offshore operations support
- Drilling and integrated services
- Manufacturing oil and gas equipment
- Process automation
- Oil spill response

MORE THAN **10.5** THOUSAND VEHICLES ARE ENGAGED at our production facilities on a daily basis

# CONTRIBUTION TO ECONOMIC DEVELOPMENT

KEY INDICATORS

102-1,102-2,102-7,102-8

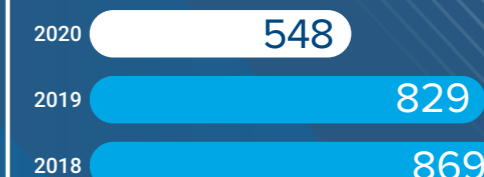
**172**  
BLN KZT

## INCOME



**548**  
BLN KZT

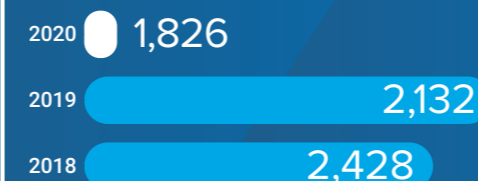
## TAXES\*



\*to the local budget

**1,826**  
BLN KZT

## PROCUREMENT



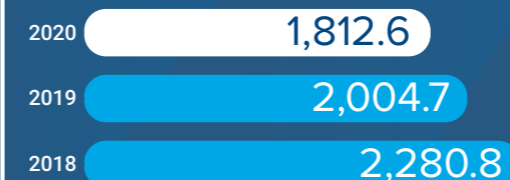
**82%**

## LOCAL CONTENT IN PROCUREMENTS, %



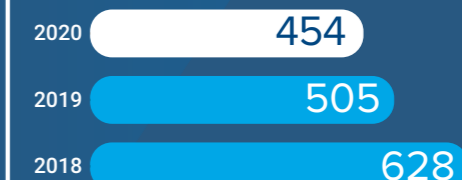
**1,812.6**  
BLN KZT

## PURCHASE OF GOODS, WORKS AND SERVICES FROM RESIDENT COMPANIES



**454**  
BLN KZT

## CAPITAL INVESTMENTS



# SOCIAL RESPONSIBILITY and HSE

KEY INDICATORS

102-1,102-2,102-7,102-8



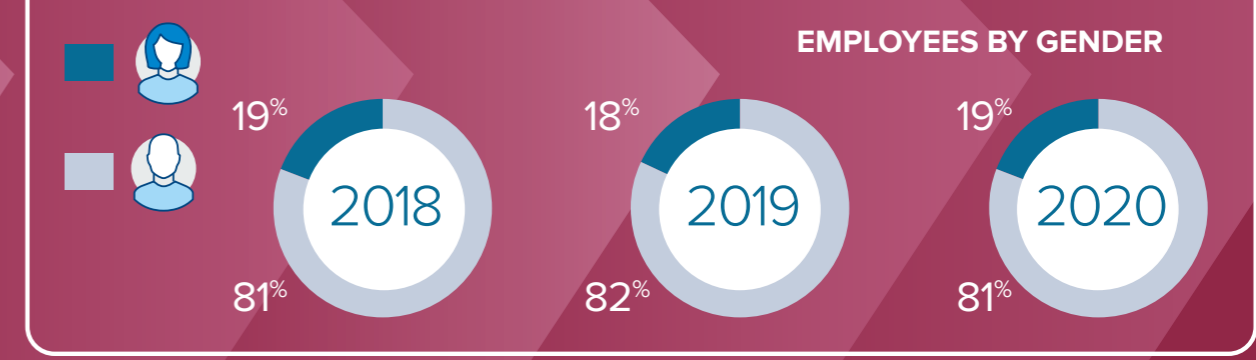
**21**  
BLN KZT



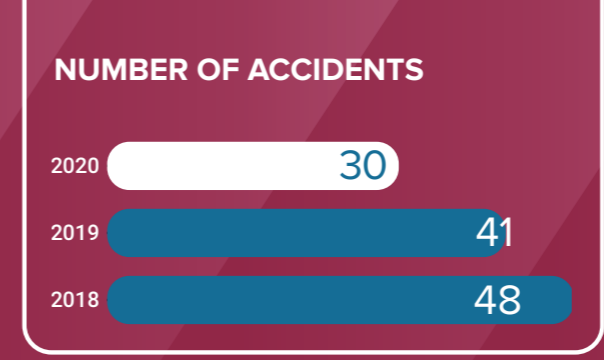
**6%**



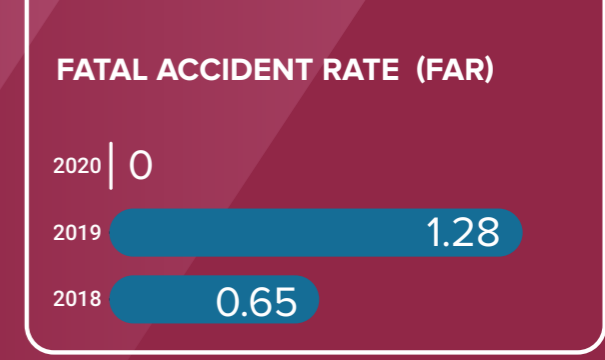
**19/81**



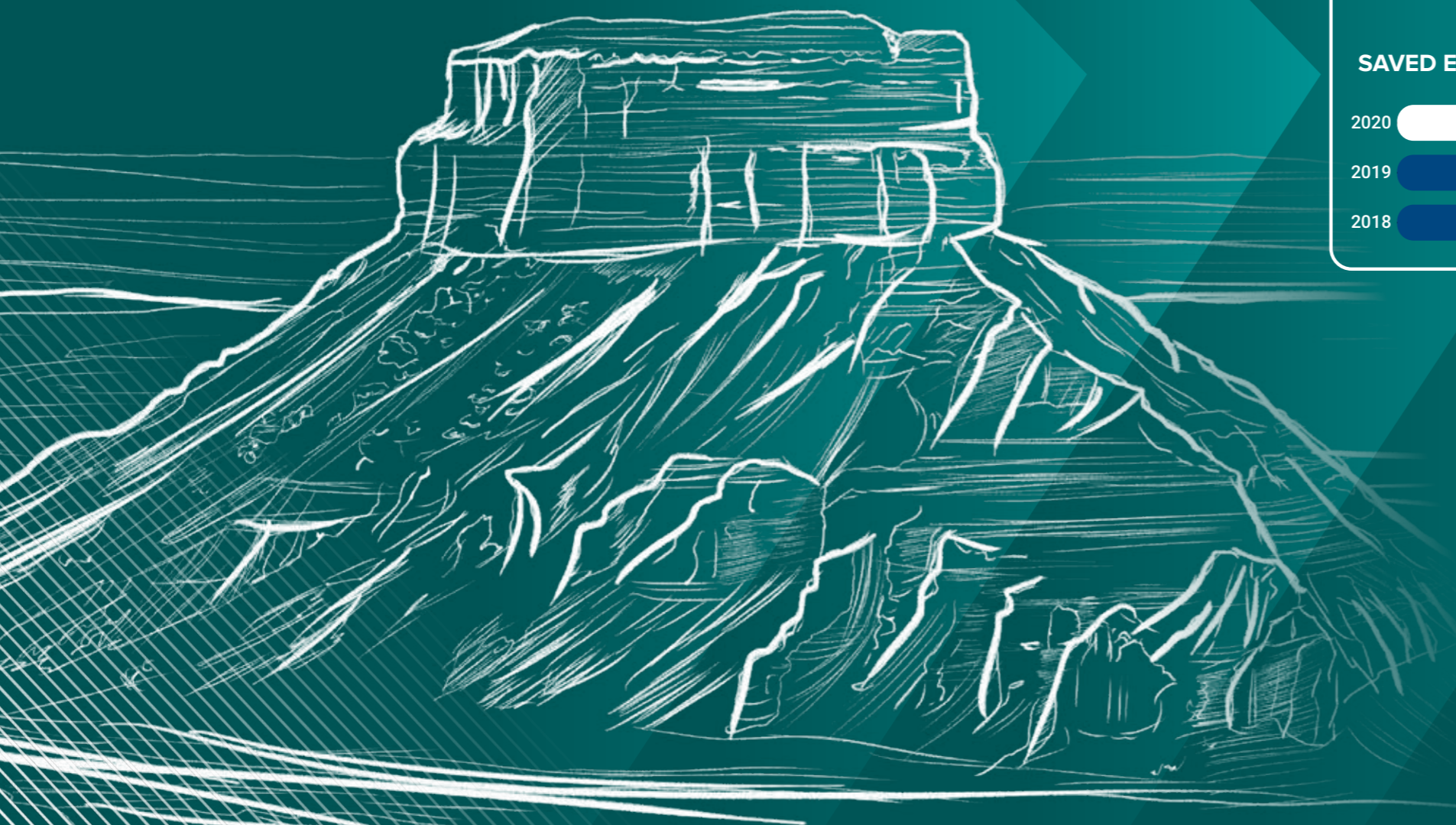
**30**



**0**



# ENVIRONMENTAL PERFORMANCE



## KEY INDICATORS

102-1,102-2,102-7,102-8

