



# Preliminary Results at December 31, 2021

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February 28, 2022

Deer Park refinery, Houston, Texas



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# Forward-Looking Statement & Cautionary Note



## Variations

If no further specification is included, comparisons are made against the same realized period of the last year.

## Rounding

Numbers may not total due to rounding.

## Financial Information

Excluding budgetary and volumetric information, the financial information included in this report and the annexes hereto is based on unaudited consolidated financial statements prepared in accordance with International Financial Reporting Standards as issued by the International Accounting Standards Board ("IFRS"), which PEMEX has adopted effective January 1, 2012. Information from prior periods has been retrospectively adjusted in certain accounts to make it comparable with the unaudited consolidated financial information under IFRS. For more information regarding the transition to IFRS, see Note 23 to the consolidated financial statements included in *Petróleos Mexicanos' 2012 Form 20-F* filed with the Securities and Exchange Commission (SEC) and its Annual Report filed with the Comisión Nacional Bancaria y de Valores (CNBV). EBITDA is a non-IFRS measure. We show a reconciliation of EBITDA to net income in Table 33 of the annexes to PEMEX's Results Report as of March 31, 2015. Budgetary information is based on standards from Mexican governmental accounting; therefore, it does not include information from the subsidiary companies or affiliates of *Petróleos Mexicanos*. It is important to mention, that our current financing agreements do not include financial covenants or events of default that would be triggered as a result of our having negative equity.

## Methodology

We might change the methodology of the information disclosed in order to enhance its quality and usefulness, and/or to comply with international standards and best practices.

## Foreign Exchange Conversions

Convenience translations into U.S. dollars of amounts in Mexican pesos have been made at the exchange rate at close for the corresponding period, unless otherwise noted. Due to market volatility, the difference between the average exchange rate, the exchange rate at close and the spot exchange rate, or any other exchange rate used could be material. Such translations should not be construed as a representation that the Mexican peso amounts have been or could be converted into U.S. dollars at the foregoing or any other rate. It is important to note that we maintain our consolidated financial statements and accounting records in pesos. As of December 31, 2021, the exchange rate of MXN 20.5835 = USD 1.00 is used.

## Fiscal Regime

Beginning January 1, 2015, *Petróleos Mexicanos' fiscal regime is governed by the Ley de Ingresos sobre Hidrocarburos (Hydrocarbons Revenue Law)*. From January 1, 2006 and to December 31, 2014, PEP was subject to a fiscal regime governed by the Federal Duties Law, while the tax regimes of the other Subsidiary Entities were governed by the Federal Revenue Law.

On April 18, 2016, a decree was published in the Official Gazette of the Federation that allows assignment operators to choose between two schemes to calculate the cap on permitted deductions applicable to the Profit-Sharing Duty: (i) the scheme established within the Hydrocarbons Revenue Law, based on a percentage of the value of extracted hydrocarbons; or (ii) the scheme proposed by the SHCP, calculated upon established fixed fees, USD 6.1 for shallow water fields and USD 8.3 for onshore fields.

The Special Tax on Production and Services (IEPS) applicable to automotive gasoline and diesel is established in the Production and Services Special Tax Law "Ley del Impuesto Especial sobre Producción y Servicios". As an intermediary between the Ministry of Finance and Public Credit (SHCP) and the final consumer, PEMEX retains the amount of the IEPS and transfers it to the Mexican Government. In 2016, the SHCP published a decree through which it modified the calculation of the IEPS, based on the past five months of international reference price quotes for gasoline and diesel.

As of January 1 2016, and until December 31, 2017, the SHCP will establish monthly fixed maximum prices of gasoline and diesel based on the following: maximum prices will be referenced to prices in the U.S. Gulf Coast, plus a margin that includes retails, freight, transportation, quality adjustment and management costs, plus the applicable IEPS to automotive fuel, plus other concepts (IEPS tax on fossil fuel, established quotas on the IEPS Law and value added tax).

PEMEX's "producer price" is calculated in reference to that of an efficient refinery operating in the Gulf of Mexico. Until December 31, 2017, the Mexican Government is authorized to continue issuing pricing decrees to regulate the maximum prices for the retail sale of gasoline and diesel fuel, taking into account transportation costs between regions, inflation and the volatility of international fuel prices, among other factors. Beginning in 2018, the prices of gasoline and diesel fuel will be freely determined by market conditions. However the Federal Commission for Economic Competition, based on the existence of effective competitive conditions, has the authority to declare that prices of gasoline and diesel fuel are to be freely determined by market conditions before 2018.

## Hydrocarbon Reserves

In accordance with the Hydrocarbons Law, published in the Official Gazette on August 11, 2014, the National Hydrocarbons Commission (CNH) will establish and will manage the National Hydrocarbons Information Center, comprised by a system to obtain, safeguard, manage, use, analyze, keep updated and publish information and statistics related; which includes estimations, valuation studies and certifications. On August 13, 2015, the CNH published the Guidelines that rule the valuation and certification of Mexico's reserves and the related contingency resources.

As of January 1, 2010, the Securities and Exchange Commission (SEC) changed its rules to permit oil and gas companies, in their filings with the SEC, to disclose not only proved reserves, but also probable reserves and possible reserves. Nevertheless, any description of probable or possible reserves included herein may not meet the recoverability thresholds established by the SEC in its definitions. Investors are urged to consider closely the disclosure in our Form 20-F and our Annual Report to the CNBV and SEC, available at <http://www.pemex.com/>.

## Forward-looking Statements

- This report contains forward-looking statements. We may also make written or oral forward-looking statements in our periodic reports to the CNBV and the SEC, in our annual reports, in our offering circulars and prospectuses, in press releases and other written materials and in oral statements made by our officers, directors or employees to third parties. We may include forward-looking statements that address, among other things, our:
  - exploration and production activities, including drilling;
  - activities relating to import, export, refining, petrochemicals and transportation, storage and distribution of petroleum, natural gas and oil products;
  - activities relating to our lines of business, including the generation of electricity;
  - projected and targeted capital expenditures and other costs, commitments and revenues;
  - liquidity and sources of funding, including our ability to continue operating as a going concern;
  - strategic alliances with other companies; and
  - the monetization of certain of our assets.
- Actual results could differ materially from those projected in such forward-looking statements as a result of various factors that may be beyond our control. These factors include, but are not limited to:
  - changes in international crude oil and natural gas prices;
  - effects on us from competition, including on our ability to hire and retain skilled personnel;
  - limitations on our access to sources of financing on competitive terms;
  - our ability to find, acquire or gain access to additional reserves and to develop the reserves that we obtain successfully;
  - uncertainties inherent in making estimates of oil and gas reserves, including recently discovered oil and gas reserves;
  - technical difficulties;
  - significant developments in the global economy;
  - significant economic or political developments in Mexico;
  - developments affecting the energy sector; and
  - changes in our legal regime or regulatory environment, including tax and environmental regulations.

Accordingly, you should not place undue reliance on these forward-looking statements. In any event, these statements speak only as of their dates, and we undertake no obligation to update or revise any of them, whether as a result of new information, future events or otherwise. These risks and uncertainties are more fully detailed in our most recent Annual Report filed with the CNBV and available through the Mexican Stock Exchange (<http://www.bmv.com.mx/>) and our most recent Form 20-F filing filed with the SEC (<http://www.sec.gov/>). These factors could cause actual results to differ materially from those contained in any forward-looking statement.

# Key Highlights



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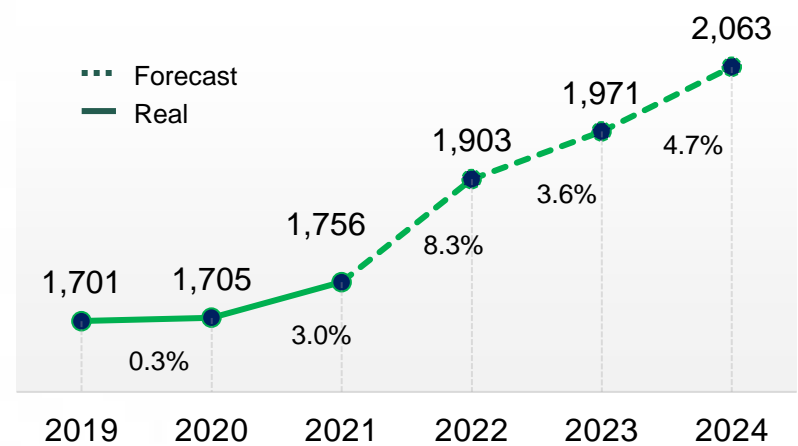
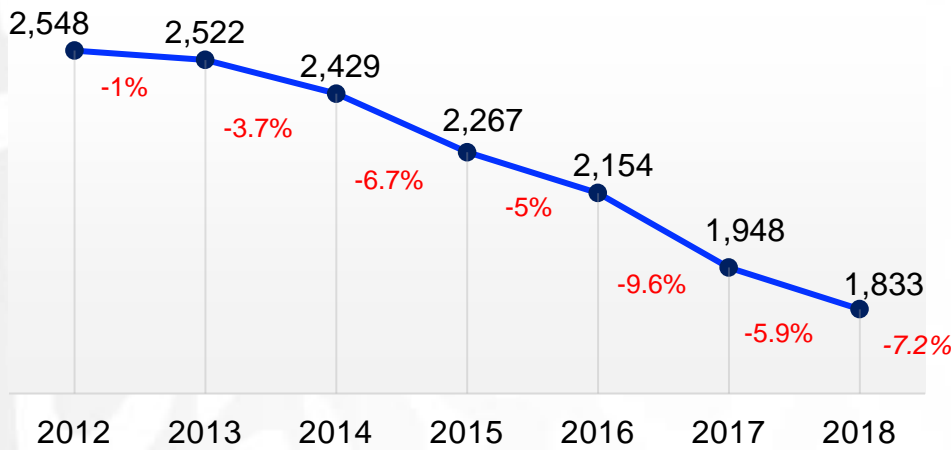
# Total Crude Oil Production<sup>1</sup>

Thousand barrels per day (Mbd)



2012-2018

2019-2024

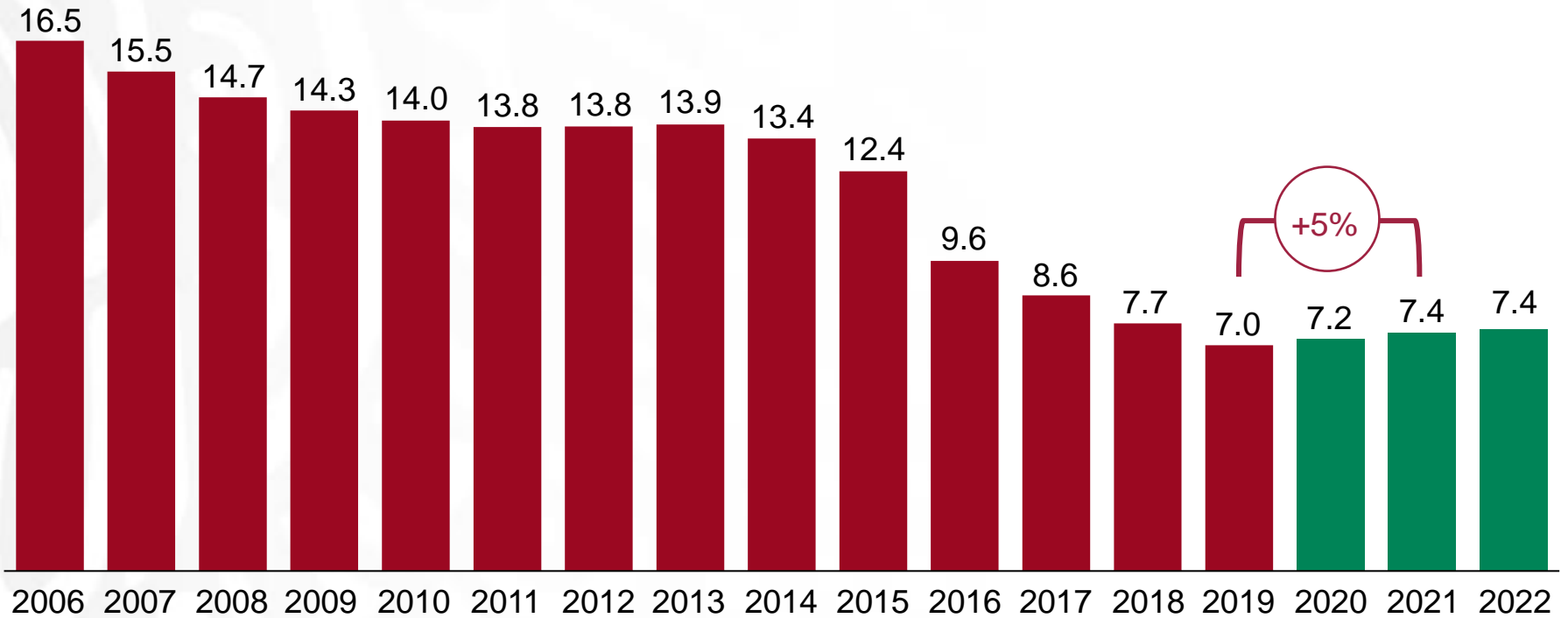


With the switch in the hydrocarbon exploration and extraction strategy implemented, the downward trend in the production profile was reversed.

Nota: Considers crude oil and condensates production; includes partners production.

# 1P Reserves' Evolution

Billion barrels of crude oil equivalent



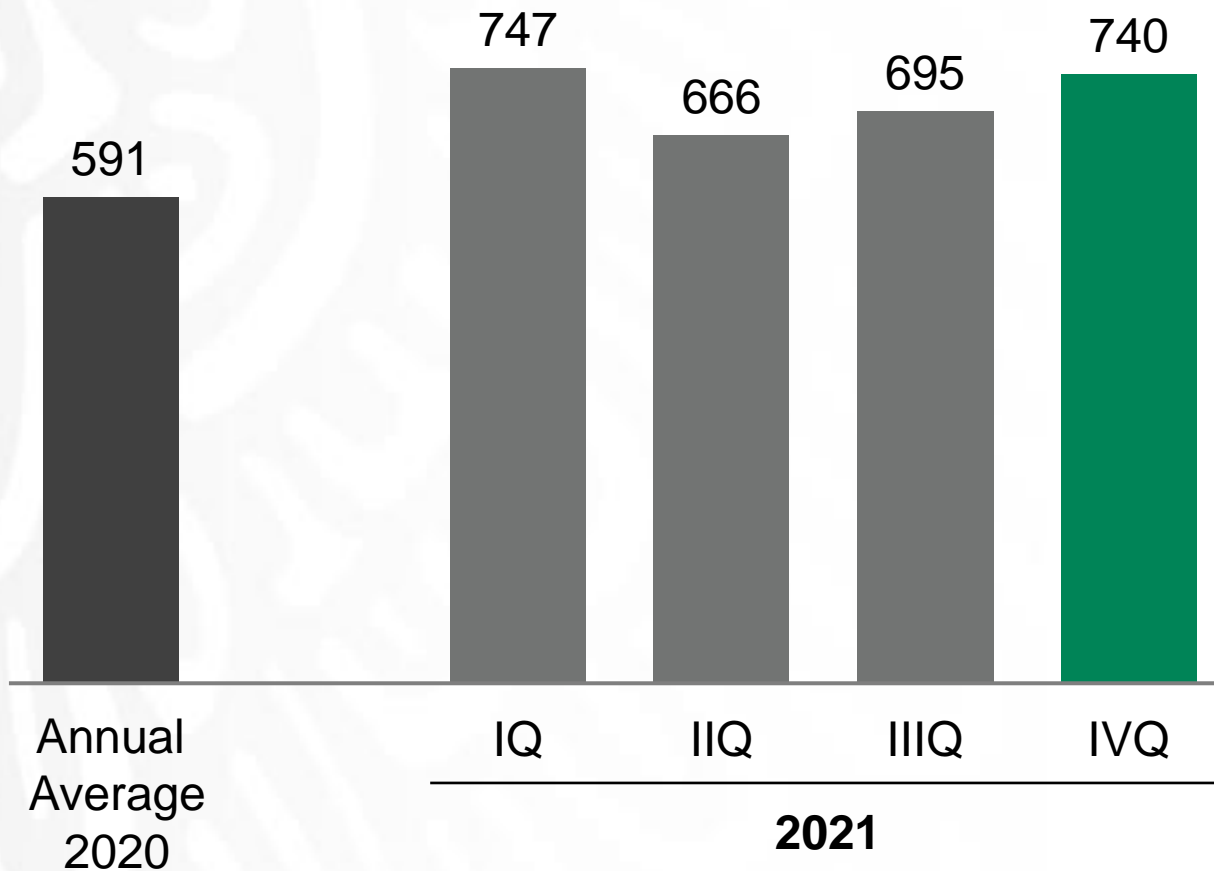
- For the third year in a row, PEMEX incorporated more resources than it consumed for production.
- A result like this had not been recorded for the last fourteen years.
- The 2022 reserves replacement rate is estimated to be 100%.

Note: Values as of January 1 of each year.

\* Preliminary.

# Crude Oil Processing

Thousands barrels per day (Mbd)



Refinery rehabilitation continues, allowing increases in the level of processing.

# Financial Variables

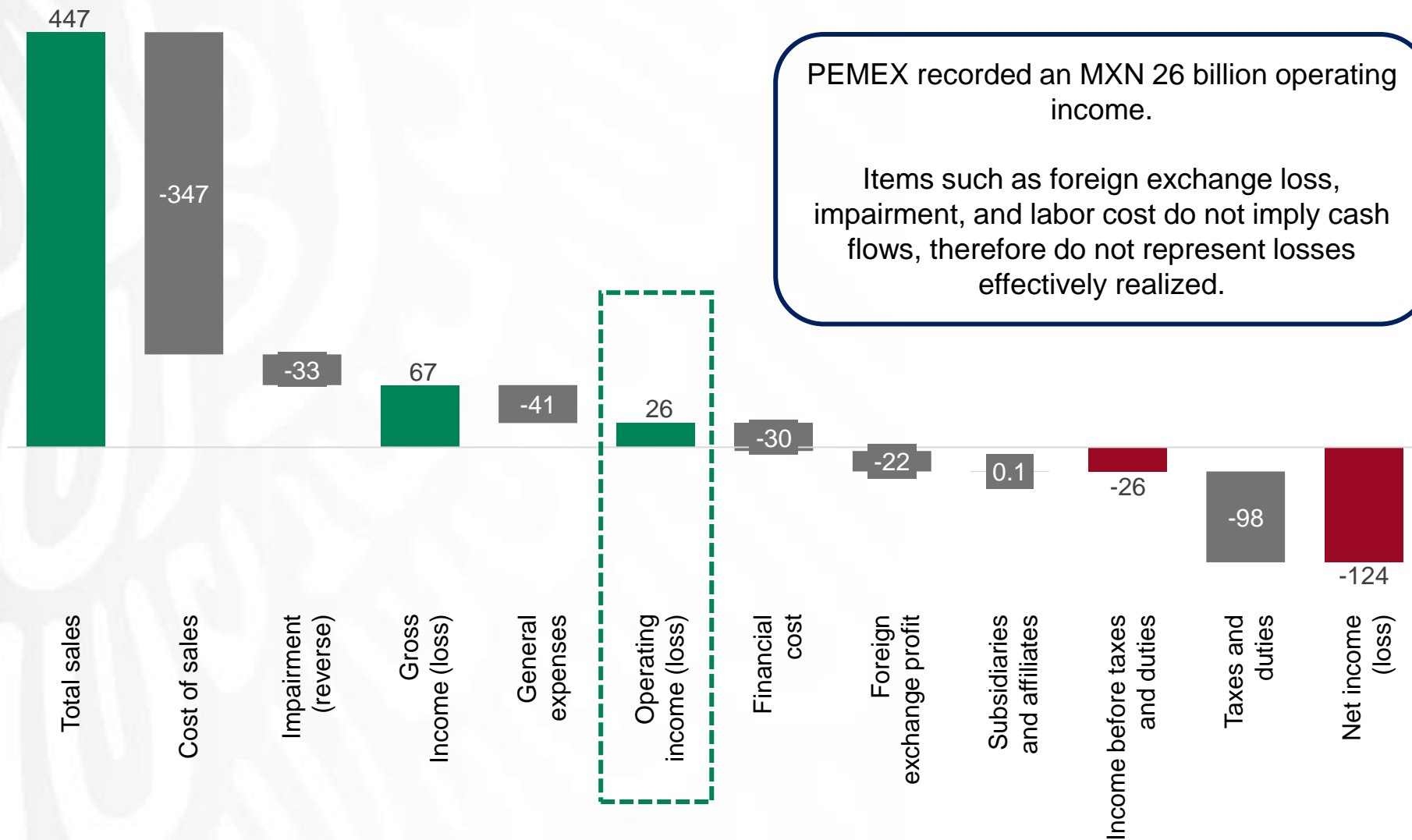


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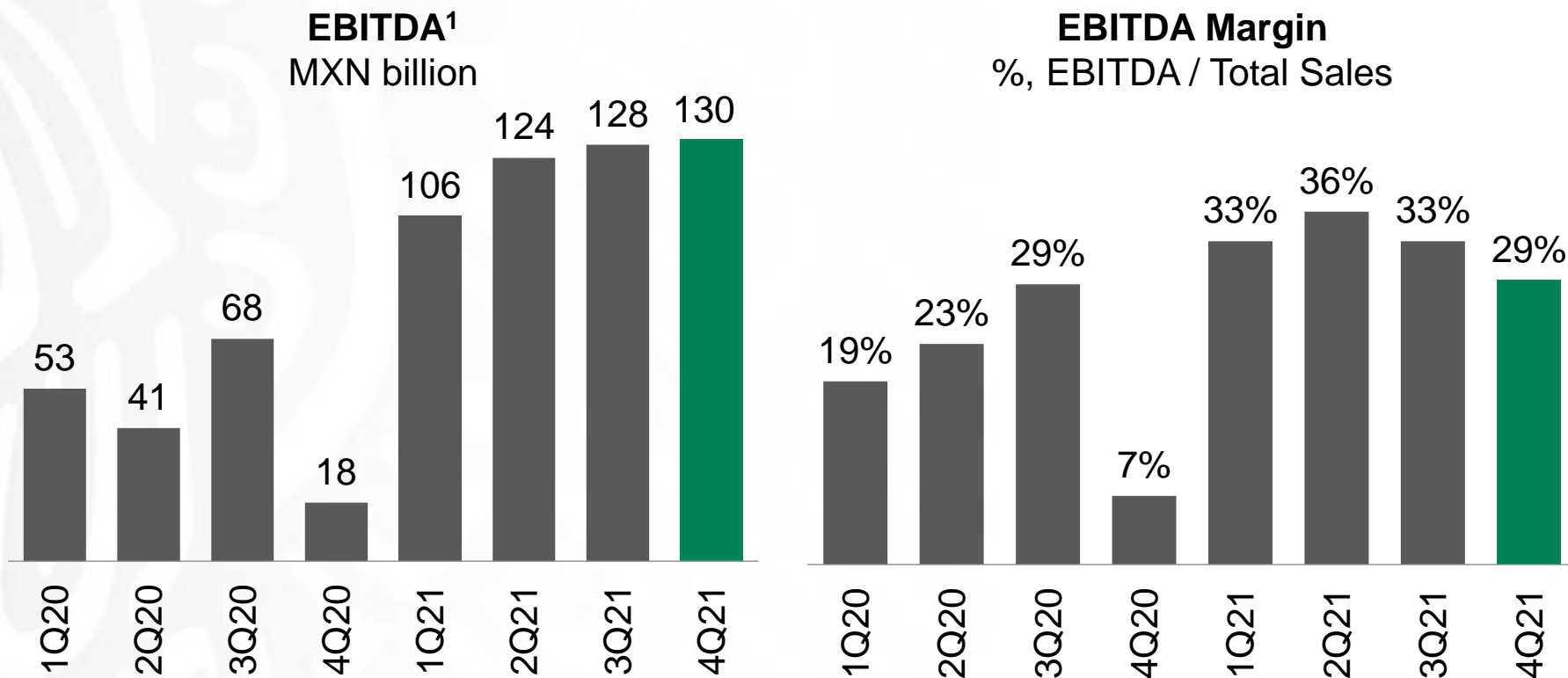
# PEMEX: Income Statement, 4Q21

MXN billion





# EBITDA and EBITDA Margin

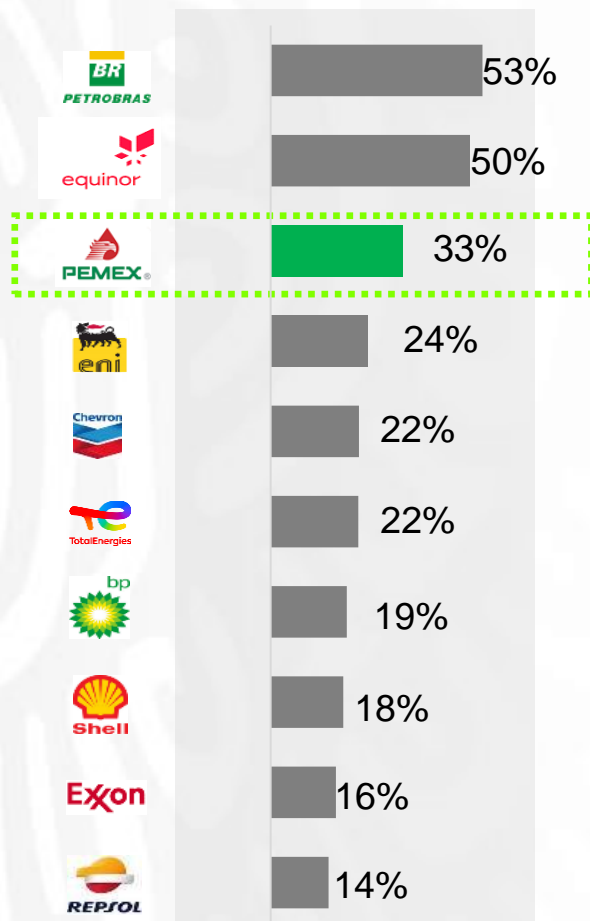


- During 4Q21, the company's EBITDA generation shows a significant improvement compared to the same quarter of 2020.
- This ability to generate cash flow from operations continues to place the company in the top positions between its peers.

1. Earnings before interest, taxes, depreciation and amortization, impairment, undeveloped wells and net periodic cost of employee benefits net of pension and medical payments

# PEMEX: a company that creates value

## EBITDA Margin, (EBITDA/Sales)<sup>1</sup>



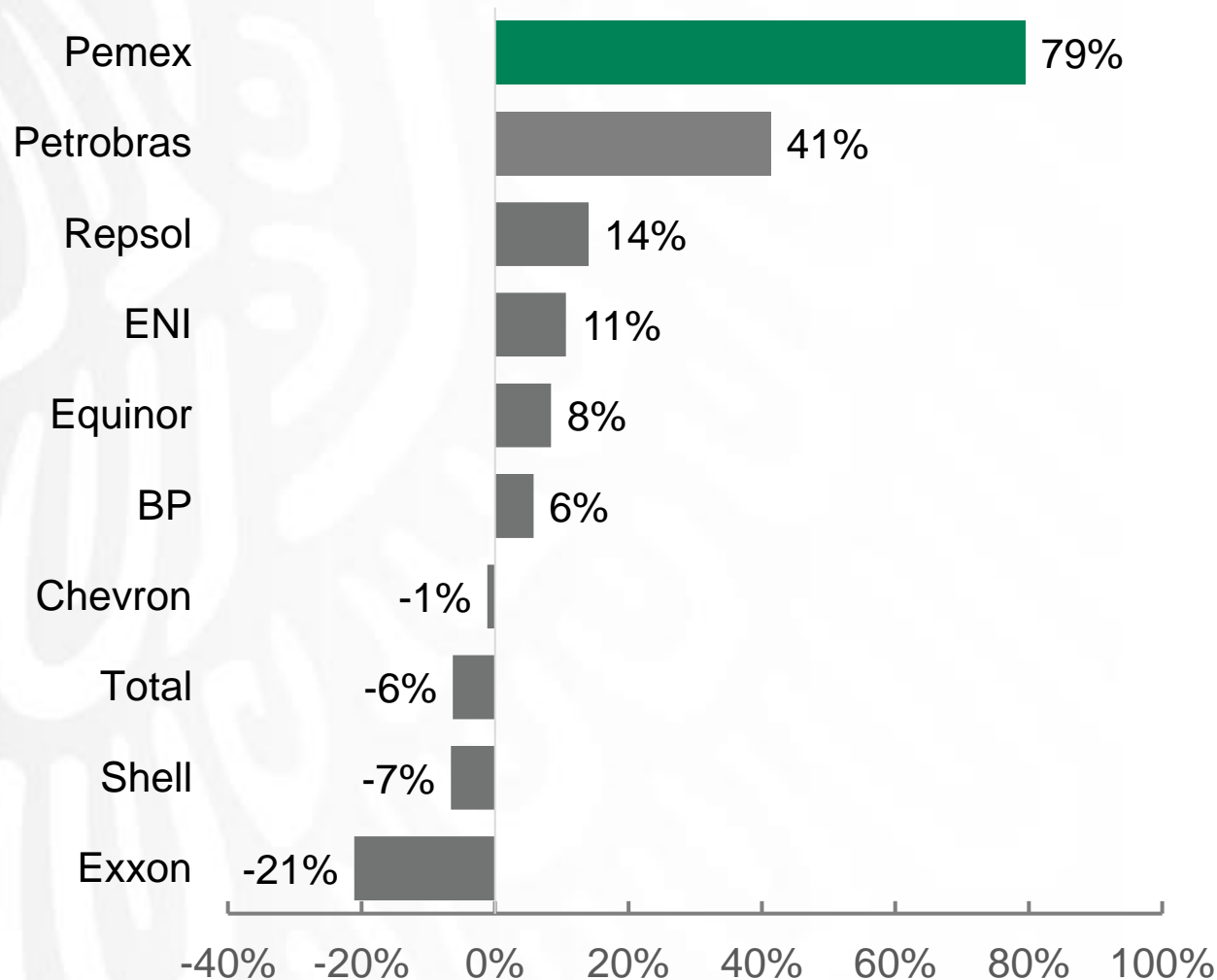
- PEMEX recorded a 33% EBITDA margin, a higher margin than the 27% average among the comparable peers.
- The company ranked top-three in economic value in the sampled companies.
- This index confirms its capacity to generate cash flow through its operation, in an economic environment recovering from the COVID-19 pandemic.

1. Does not include variables that do not generate cash flow. EBITDA for its acronym in English (earnings before interest, taxes, depreciation, and amortization)  
Source: Bloomberg and PEMEX Financial Statements under IFRS as of December 31, 2021.

# Investment (Capex) in the Oil Industry

## 2021 vs. 2020

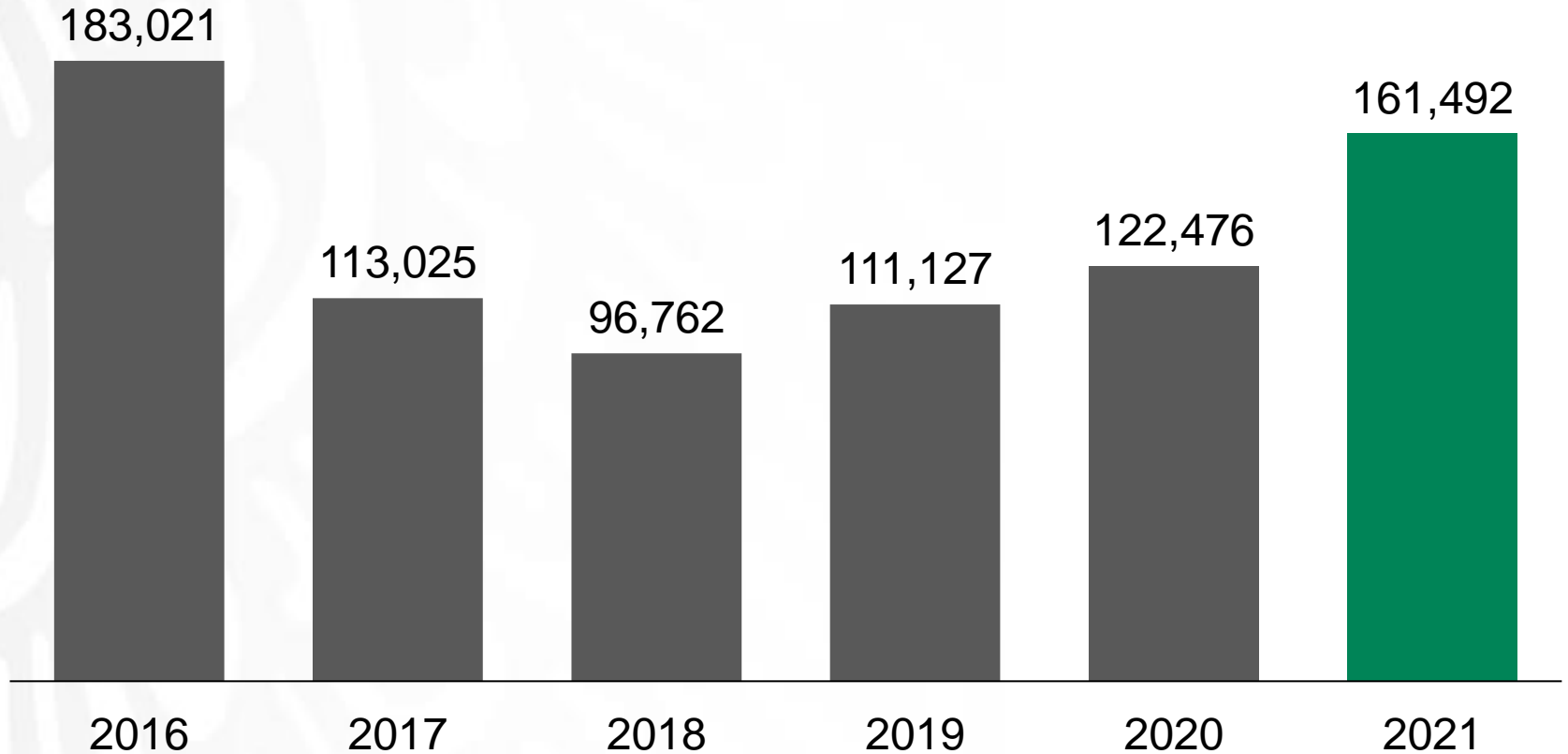
Percentage change



- PEMEX ranks as the oil company with the highest investment growth.
- The strategic objectives of the company are aimed at increasing hydrocarbon production while supporting the financial viability of the company through a greater cash flow generation.

# CAPEX Evolution, 2015-2020

MXN million



Source: 20-F PEMEX Report , 2015 - 2020.  
Preliminary Financial Statements as of December 31, 2021.

# Other Relevant Indicators



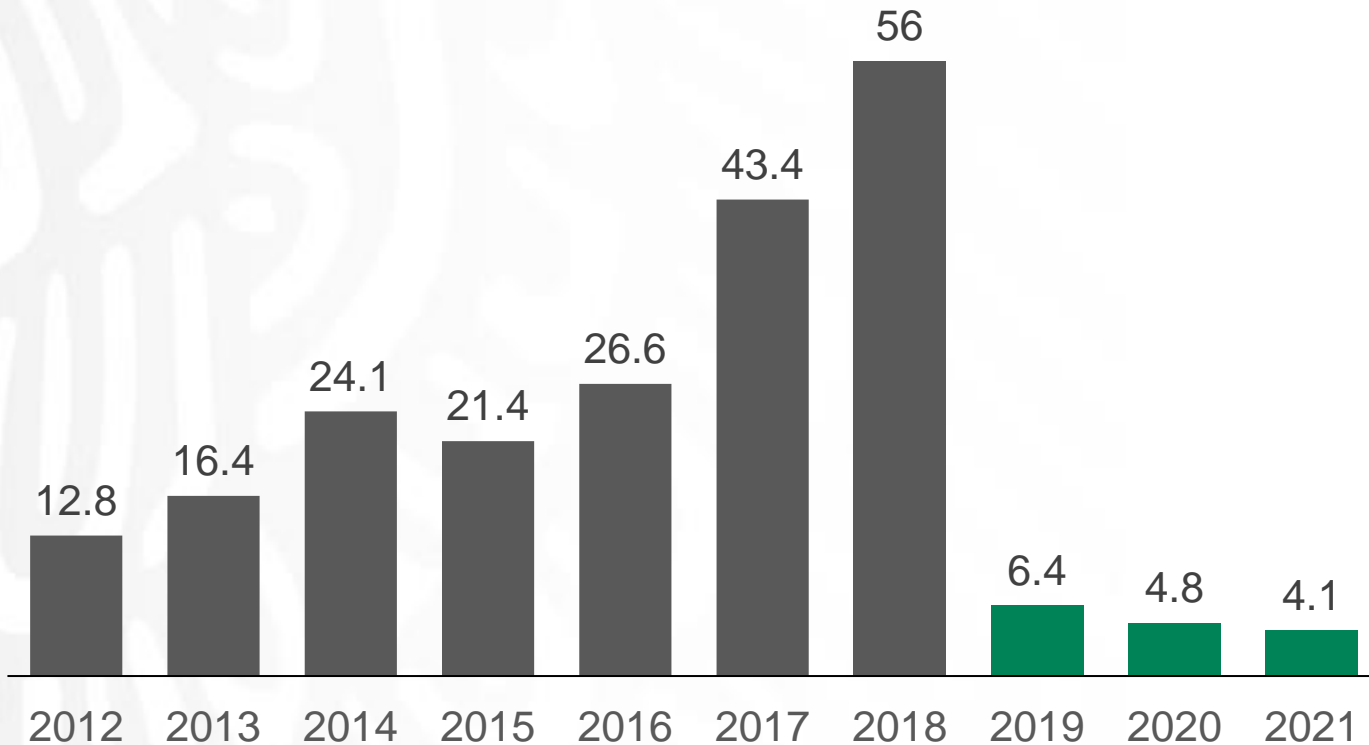
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# Fuel Theft, 2018-2021

Thousands barrels per day (Mbd)

## Deviation by illicit fuel market<sup>1</sup>



**92.7%**<sup>2</sup>  
decrease in fuel  
theft

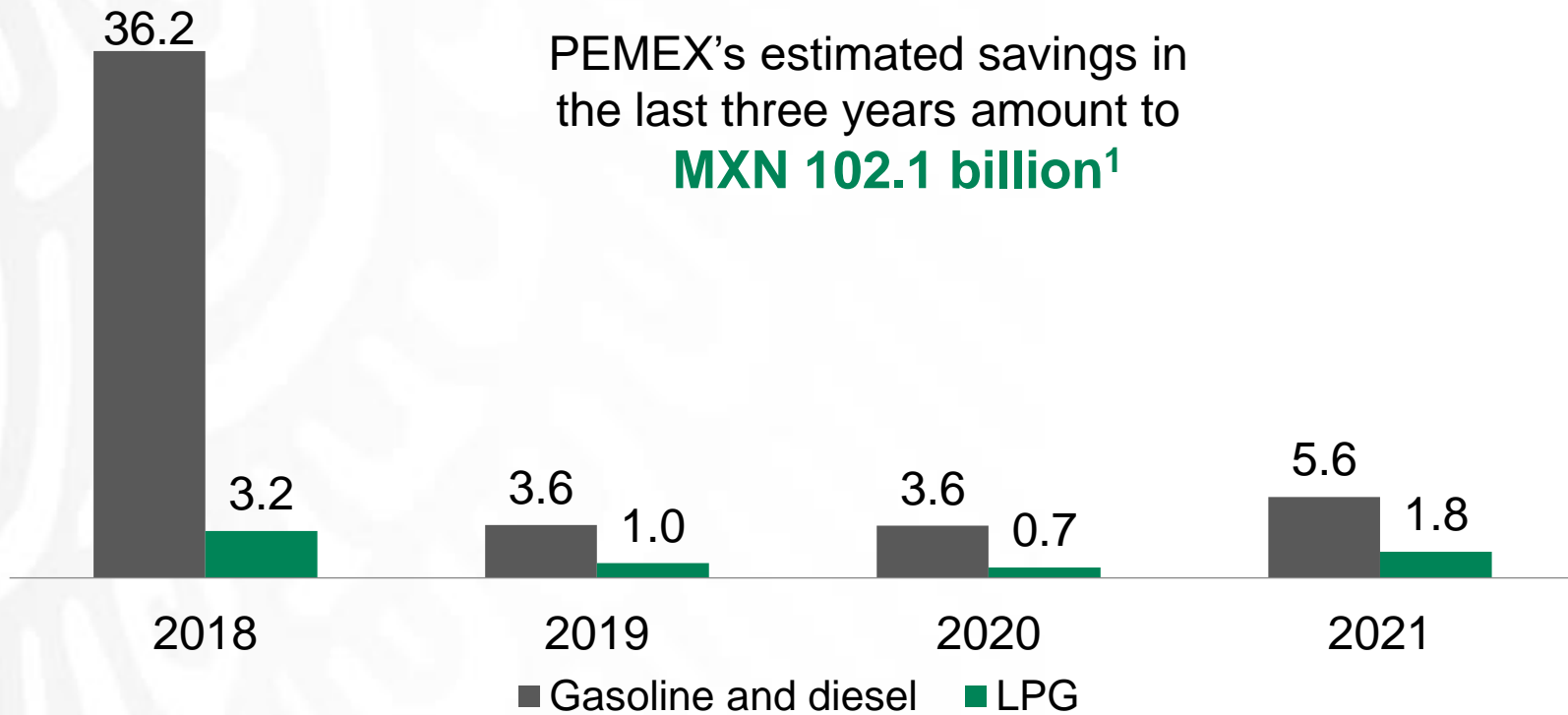
1. Data by the National Security Commission: Security Report <http://www.informeseguridad.cns.gob.mx/>
2. Comparative January-December 2019, 2020, and 2021 versus 2018.

# Successful Strategy Against Fuel Theft

MXN billion



PEMEX's estimated savings in the last three years amount to **MXN 102.1 billion<sup>1</sup>**



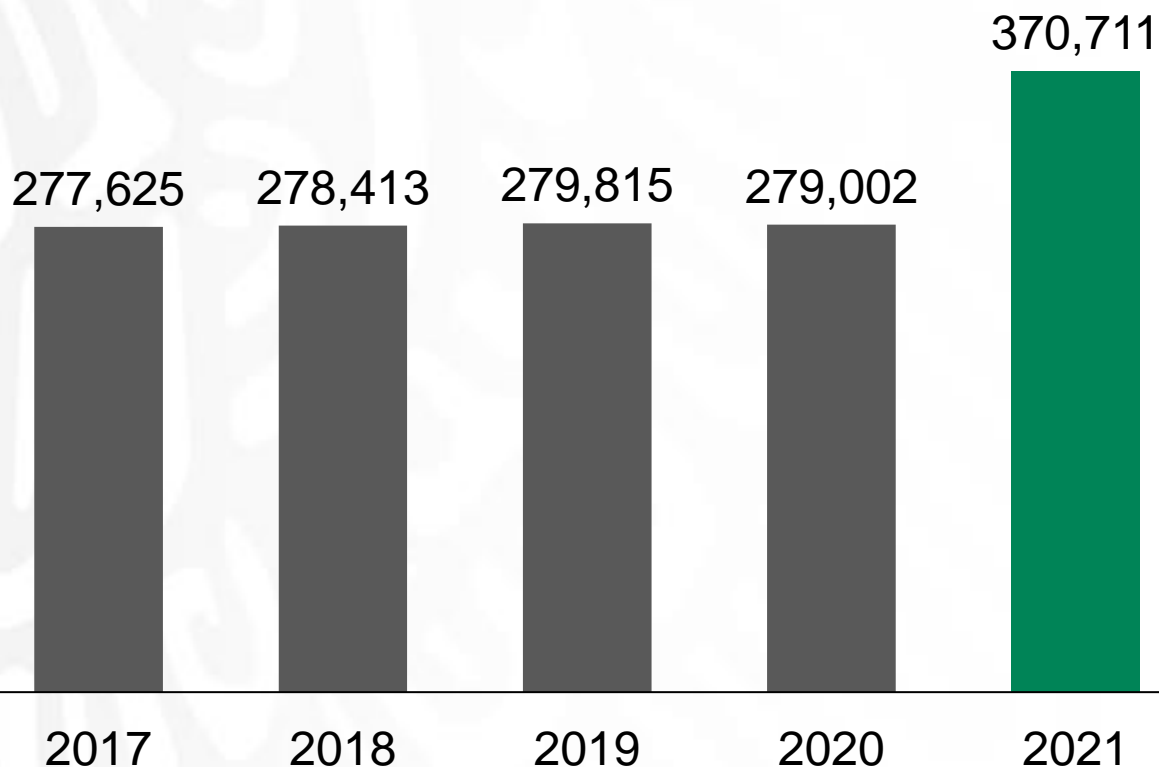
1. As compared to 2018

Note: Prices in warehouses, do not include taxes (Special tax on production and services IEPS and VAT)

# Payments to Suppliers and Contractors

## 2017-2021<sup>1</sup>

MXN million



- PEMEX has maintained payments to its suppliers and contractors even in the worst months of last year's COVID crisis.
- In 2021, payments increased by **33%** or **MXN 92 billion** as compared to 2020.

1. Payments to subsidiaries or Government entities are not considered. Amounts include Value Added Tax.

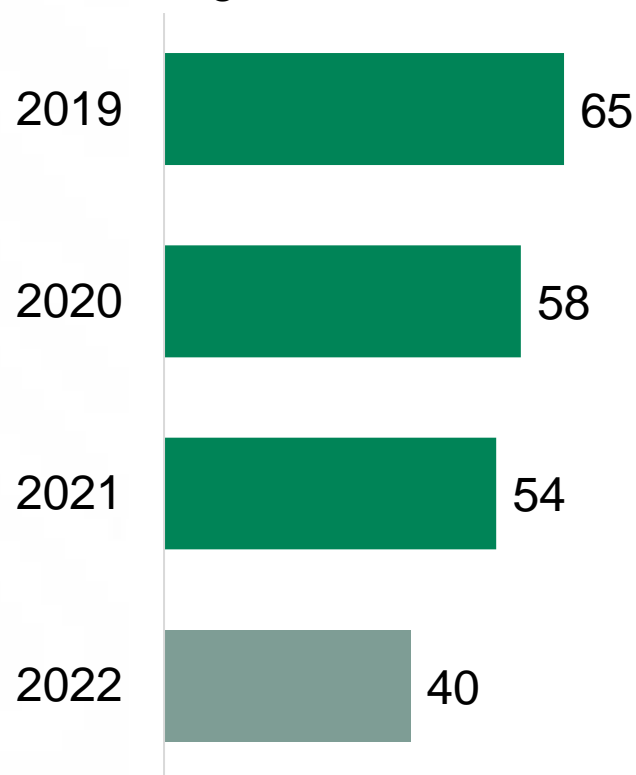


# Federal Government Support

## 2021 Support

<b>Benefit</b>	<b>Amount MXN million</b>
Tax credit for Profit Sharing Duty (DUC).	73,280
Equity contributions for debt repayment.	202,569
<b>Total</b>	<b>275,849</b>

## DUC's rate evolution Percentage



# Public Debt and Financing Strategy



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# Payments to suppliers and contractors

- Aiming to support its suppliers and contractors, Petróleos Mexicanos **strengthened** the *Productive Chains Program* for the Development of Suppliers, Contractors, and Service Providers with the *2021 Pemex Plus Productive Chains program*.
- Additionally, in collaboration with banks, the *Bilateral Factoring* scheme was implemented.
- As a result of this collaboration with the financial sector, the program represented a liquidity alternative for suppliers and contractors of Petróleos Mexicanos amounting to more than **MXN 20 billion**.



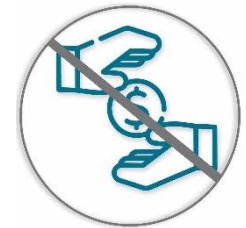
100% Discount  
on accounts  
receivable



Immediate  
receipt of  
resources



No commissions  
or interest for  
suppliers or  
contractors



No  
membership  
fee

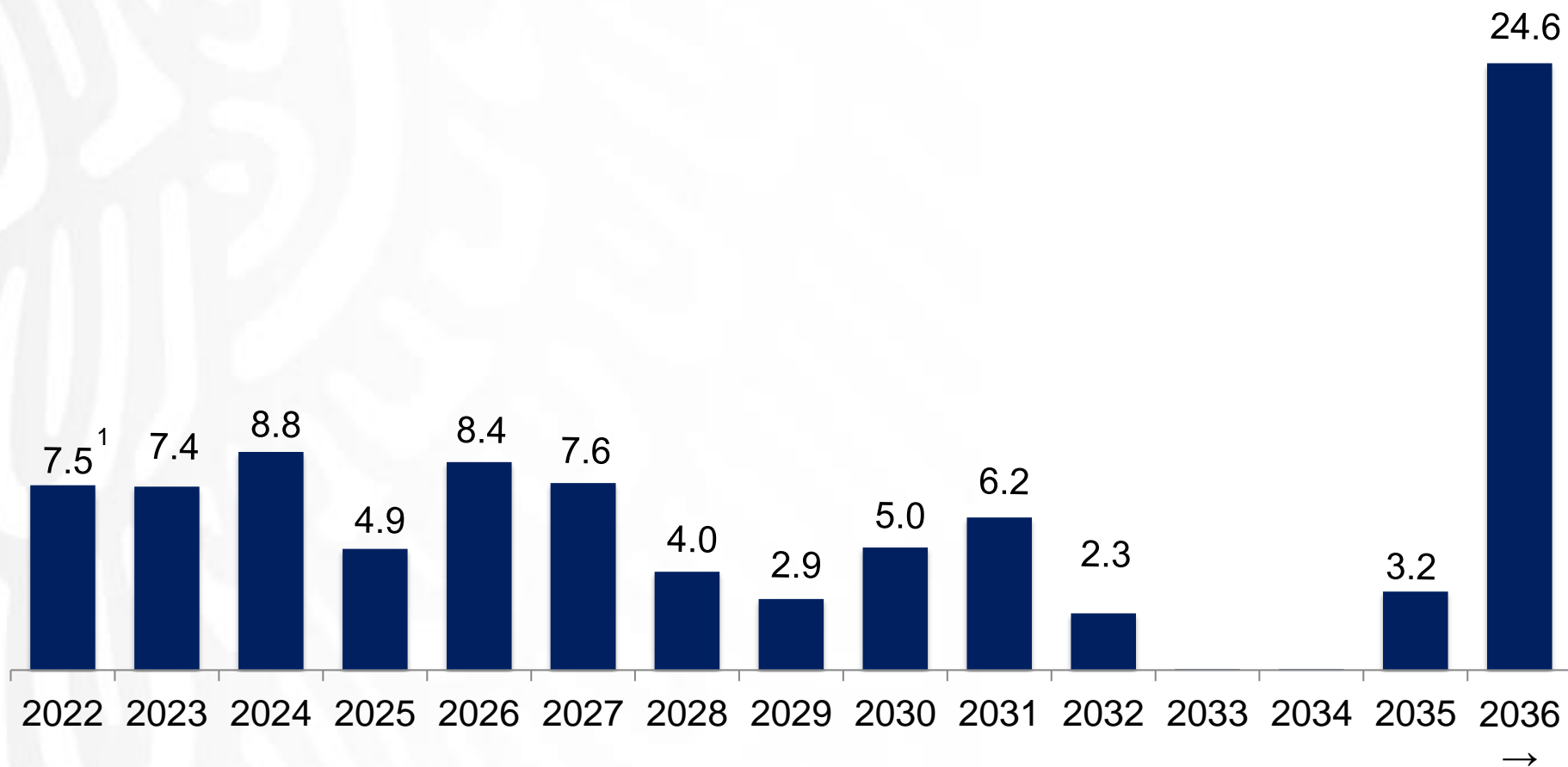
# 10-year PEMEX bond yield



Despite the volatility generated by COVID-19, the yield of the benchmark 10-year bond recovered considerably and remains stable at the end of the quarter.

# Debt Maturity Profile

USD millions



1. It does not consider the balance of the revolving credit lines drawn down, nor the accrued interest, nor the amount of the monetization of Federal Government bonds, which for accounting reasons was recorded in short-term liabilities.

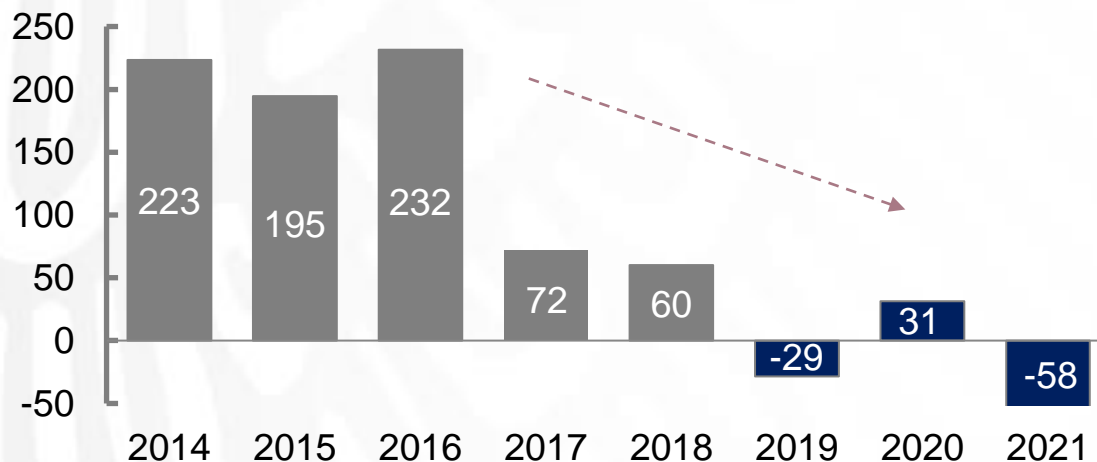
# 2021 Public Debt

MXN billion



	Approved Net Indebtedness <sup>1</sup>	Net Indebtedness Objective <sup>2</sup>
Financing	173.3	276.0
Amortizations	129.3	333.8
<b>Indebtedness</b>	<b>44</b>	<b>-57.8</b>

## Annual trajectory of net public indebtedness



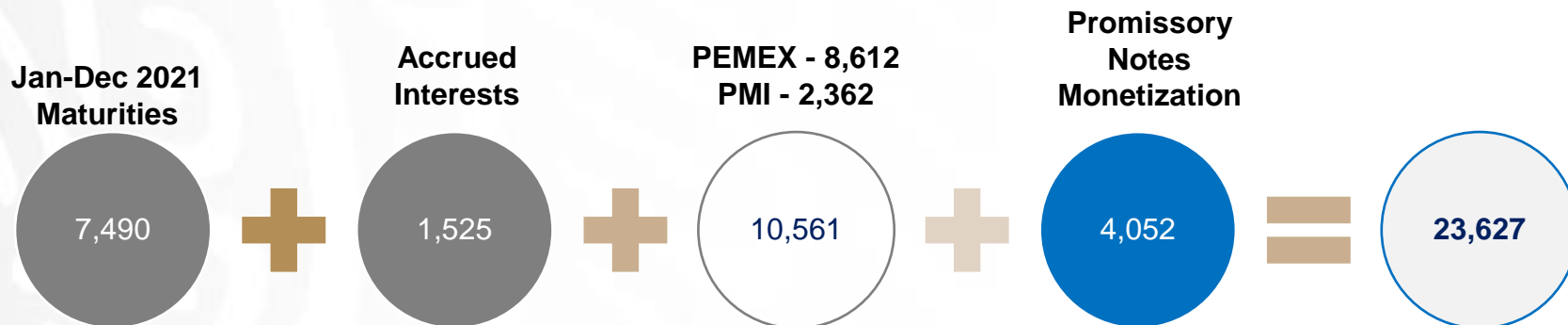
Federal Government support allowed to reduce debt by MXN 58 billion.

This is lower than the support received since a negative financial balance was approved in the 2021 PEF. Due to the deviations observed at year-end, this deficit was covered with financing resources.

1. Net indebtedness approved by Congress in terms of public credit as established in the 2021 Federal Revenue Law amounted to 22,000 million pesos in internal debt and 1,000 million dollars in external debt, which, expressed in pesos, totals 44,000 million pesos.
2. Preliminary figures.

# Short Term Debt 4Q21

USD million



In 2022, PEMEX will receive capital contributions according to its maturity profile.

Revolving credit facilities (RCFs) are recorded as short-term debt. However, these RCFs are fully committed, so PEMEX and PMI can roll them over until their expiration date.

For accounting reasons this transaction was recorded as a short-term liability. However, the maturity date is on November 24th, 2023.

# ESG<sup>1</sup> at PEMEX



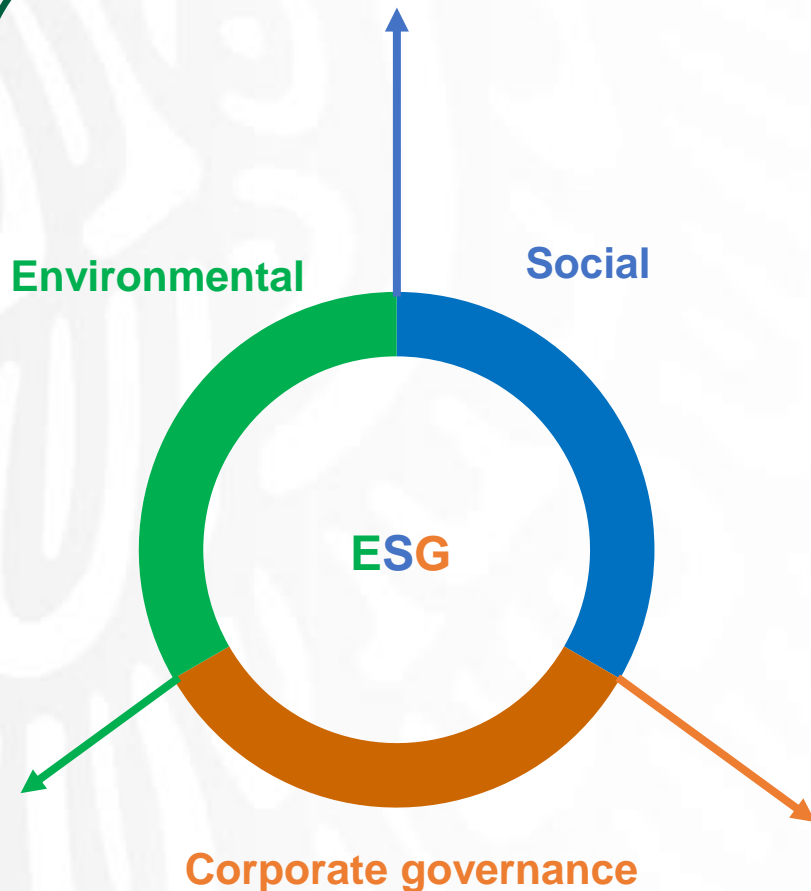
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1. Environmental, Social and Corporate Governance criteria



# ESG at PEMEX (1/2)



- PEMEX is committed to safety, occupational health, environmental protection and sustainable development.
- **PEMEX is taking specific actions to mitigate the effects of risks related to environmental, social, and corporate governance (ESG) factors.**

- In October 2021, CRPEMEX instructed to the responsible areas to prepare an initial three-year program to address these environmental risks.
- Through this program, a goal to address Priority 1 risks during 2022 was established.
- Specific resources will be allocated by EPS.

Enviromental risk inventory (period 2022-2024)		
Priority	Number of risks <sup>1</sup>	Estimated attention cost <sup>1</sup> MXN million
Priority 1	38	2,250.6
Priority 2	53	4,209.0
Priority 3	91	1,327.9
Priority 4	38	414.6
Priority 5	6	53.00
<b>Total</b>	<b>226</b>	<b>8,255.08</b>

➔ 2022

2023 - 2024

1. As of December 31, 2021. This inventory is periodically reviewed and updated in order to address all risks with the highest priority.

# Exploration & Production

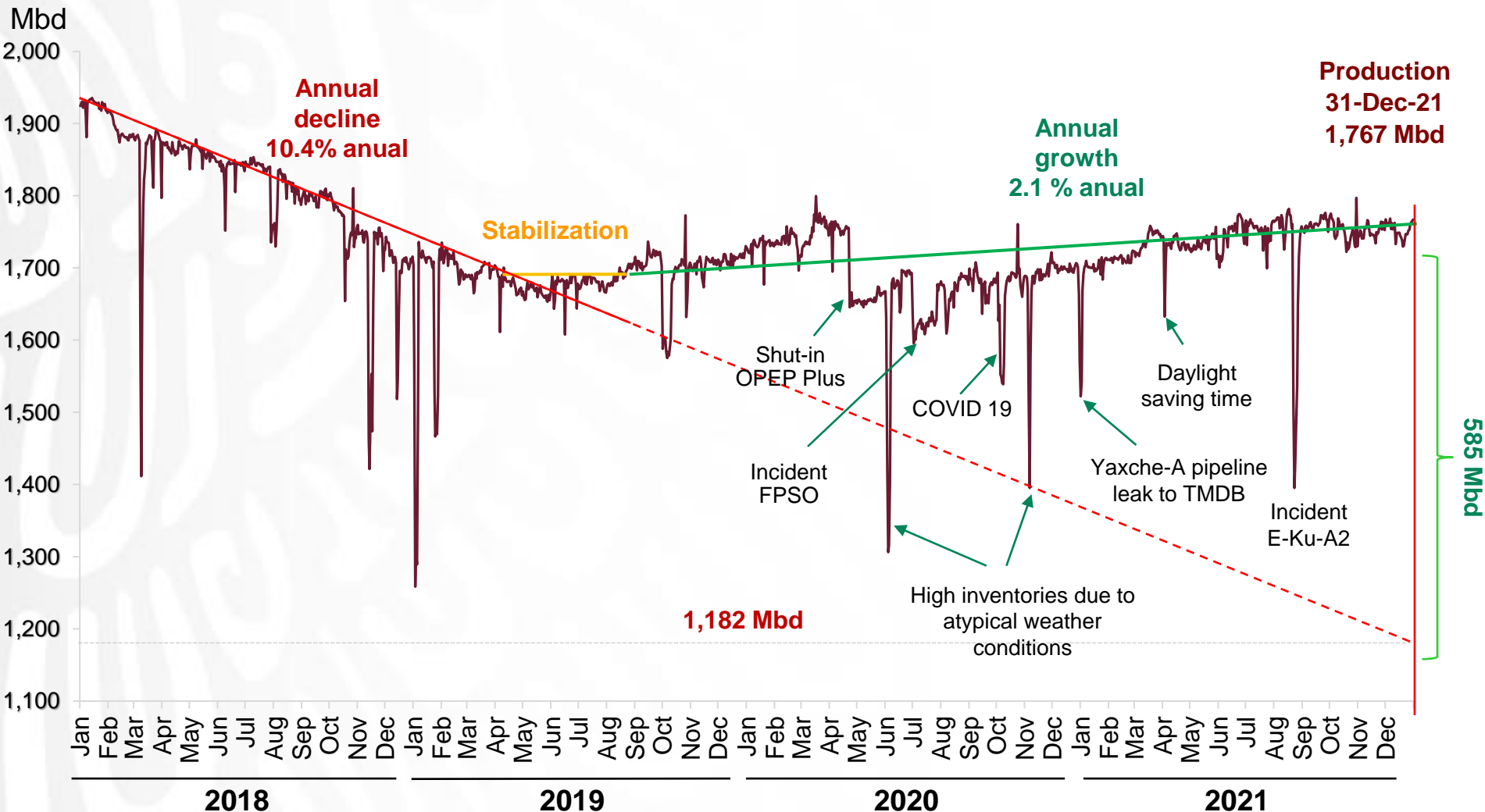


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# The implemented actions resulted in a 585 Mbd increase above 2018's decreasing trend

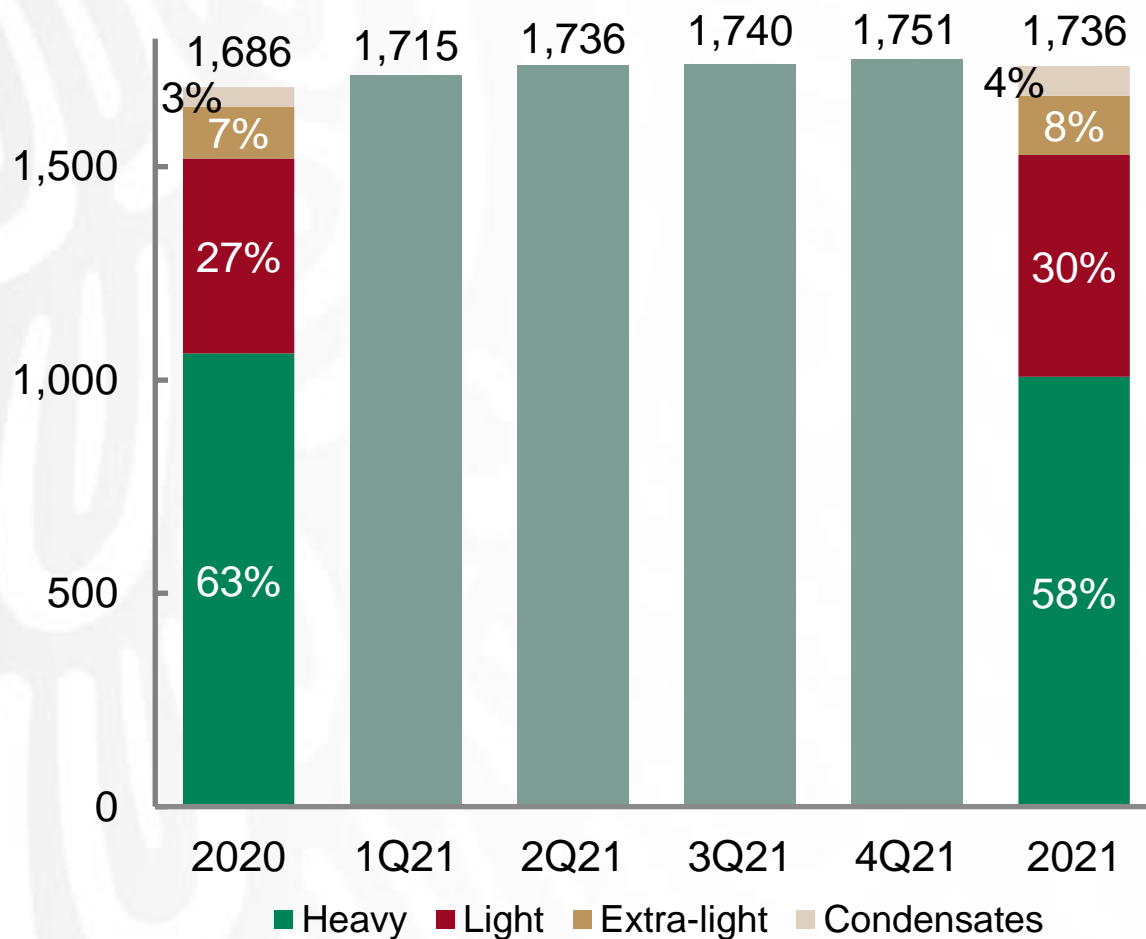
## Liquids Daily Production



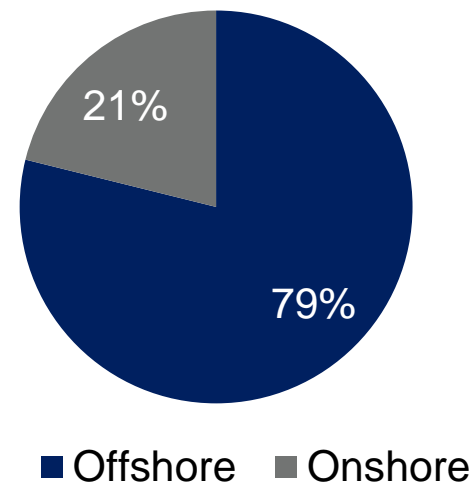
Note: Liquids daily production includes crude oil and condensates without production from commercial partners

# Quarterly performance of liquids' production

## Liquids Production Mbd



## Crude Oil Production 2021



# New Fields Project produced 322 Mbd at the end of 4Q21

31-Dec-21  
322 Mbd

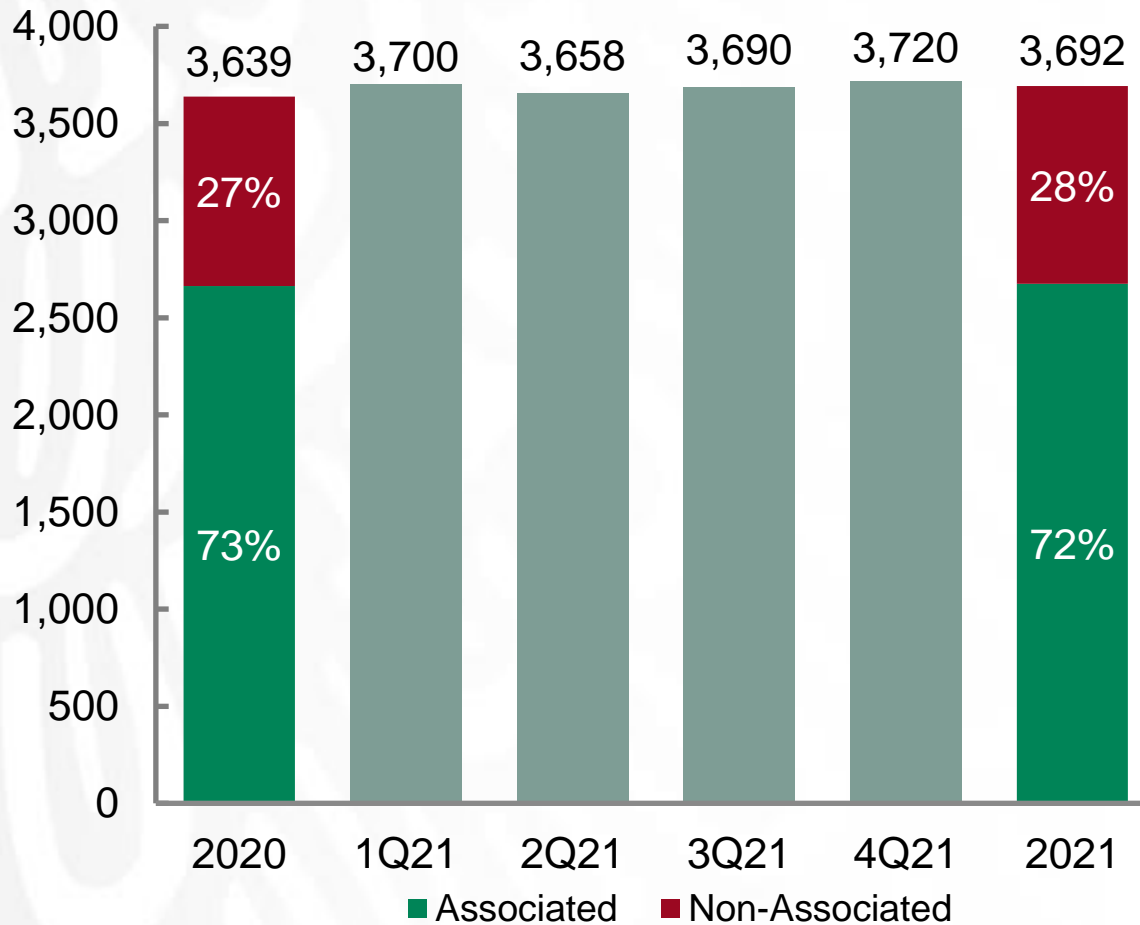
Mbd	Field	Wells (#)	Qo (Mbd)	Field	Wells (#)	Qo (Mbd)
	Cheek	4	18.1	Xikin	2	2.2
	Manik	3	11.2	Xolotl	1	5.1
	Esah	1	0.0	Cibix	5	4.4
	Cahua	2	1.7	Valeriana	1	0.4
	Camatl	1	0.8	Pachil	1	0.8
	Hok	3	0.0	Quesqui	8	85.2
	Itta	4	20.3	Tupilco	1	9.4
	Koban	2	11.0	Racemosa	1	5.3
	Mulach	8	29.0	Terra	1	1.0
	Octli	5	18.2	Ixachi	10	31.4
	Pokché	4	4.3	Tum	1	0.0
	Teca	2	5.6	Kuun	1	0.7
	Tetl	3	12.9	<b>Total</b>	<b>90</b>	<b>322.0</b>
	Tlacame	6	11.2			
	Tlamatini	6	26.2			
	Uchbal	3	5.7			

2019	2020	2021
6.9	78.7	221.9

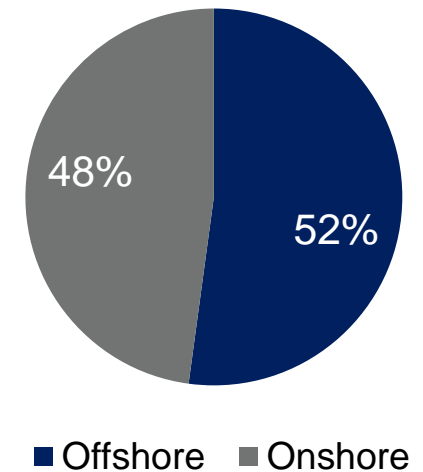
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	2.6	3.5	4.6	5.2	5.2	6.4	6.8	7	7.8	8.1	11.6	13.5
2020	20.4	21.8	33.9	47	47.5	57.5	77	108.9	122.1	124.6	137	146.5
2021	144.5	157.0	162.0	164.9	185.3	215.4	233.3	248.0	271.3	285.0	285.0	295.3

# Quarterly performance of natural gas production

**Natural Gas Production<sup>1</sup>**  
MMcfd



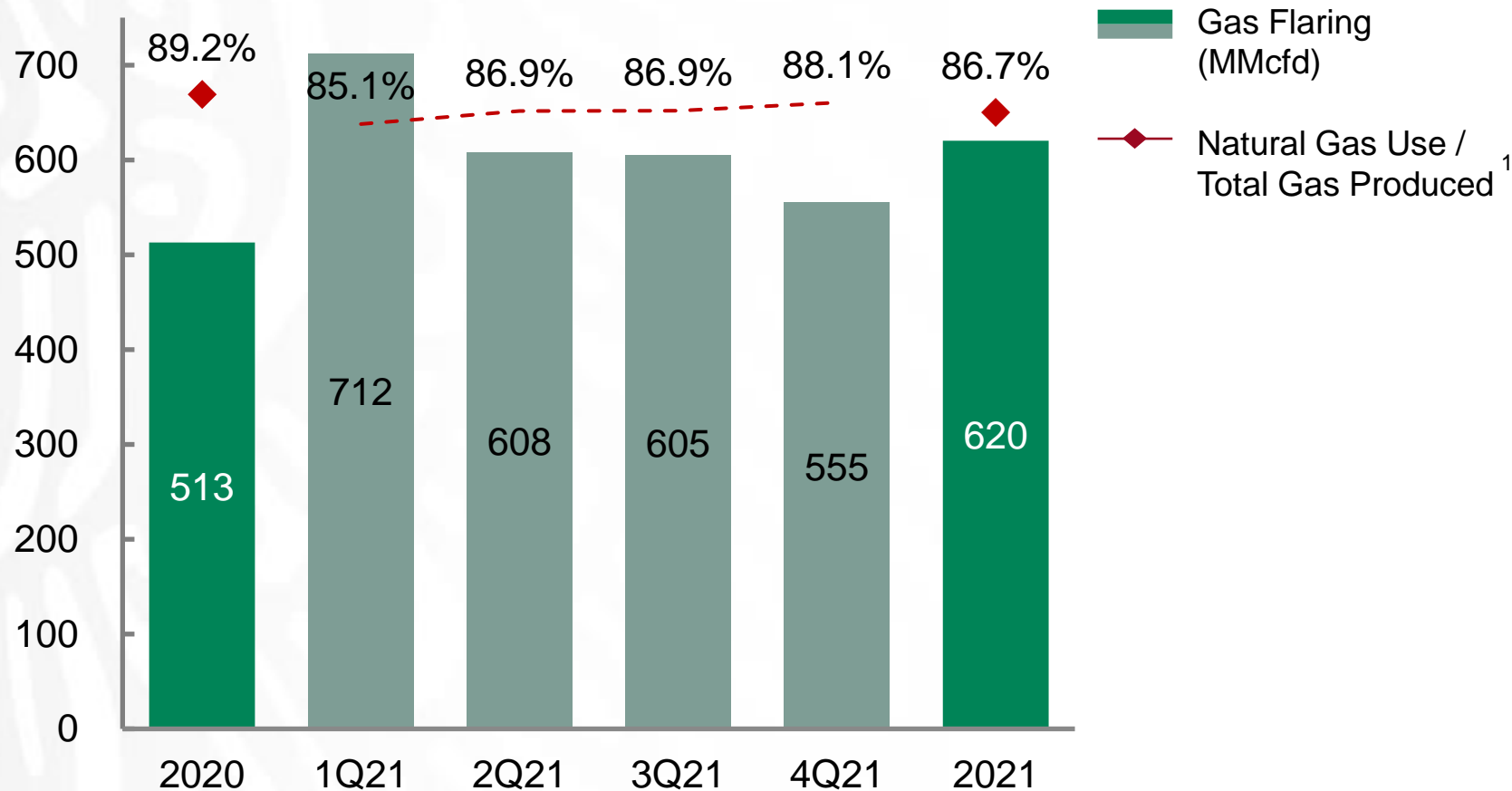
**Natural Gas Production 2021**



1. Does not include nitrogen

# Natural Gas Use

MMcfd

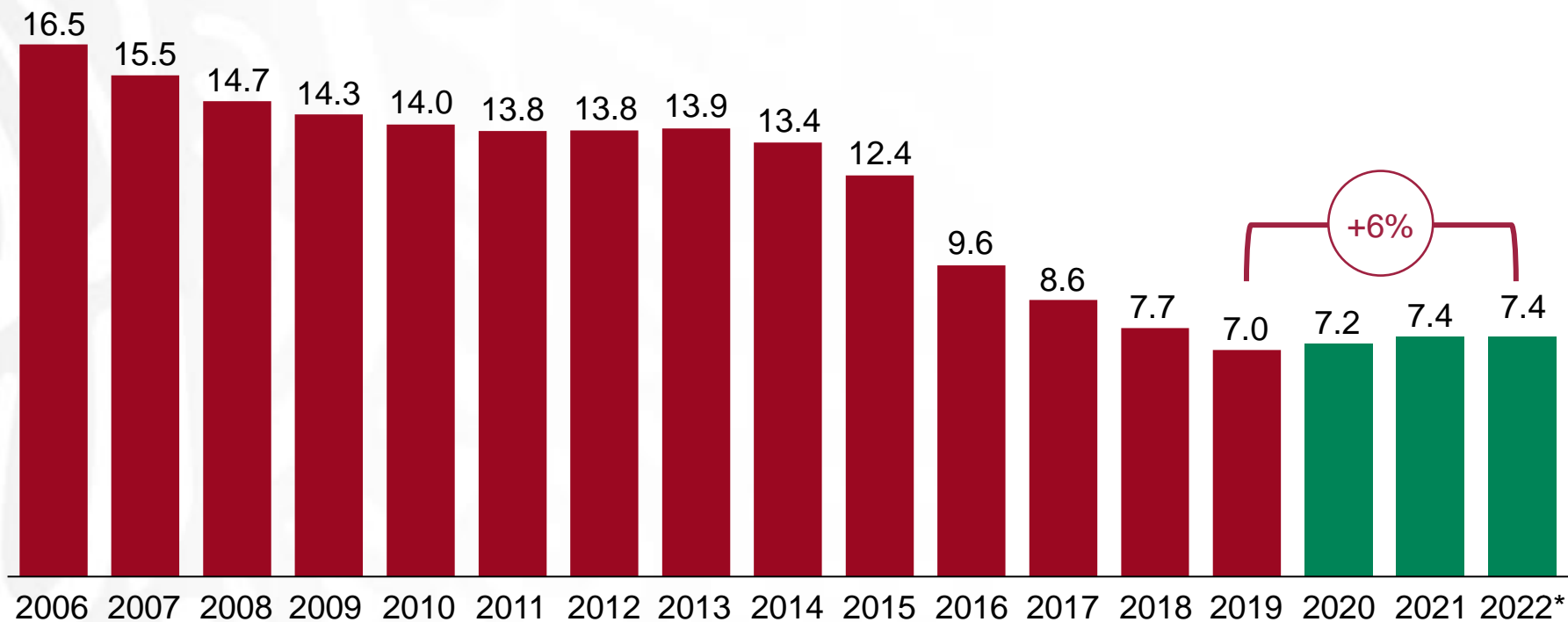


1. Include nitrogen



# 1P Reserves' Evolution

Billion barrels of crude oil equivalent

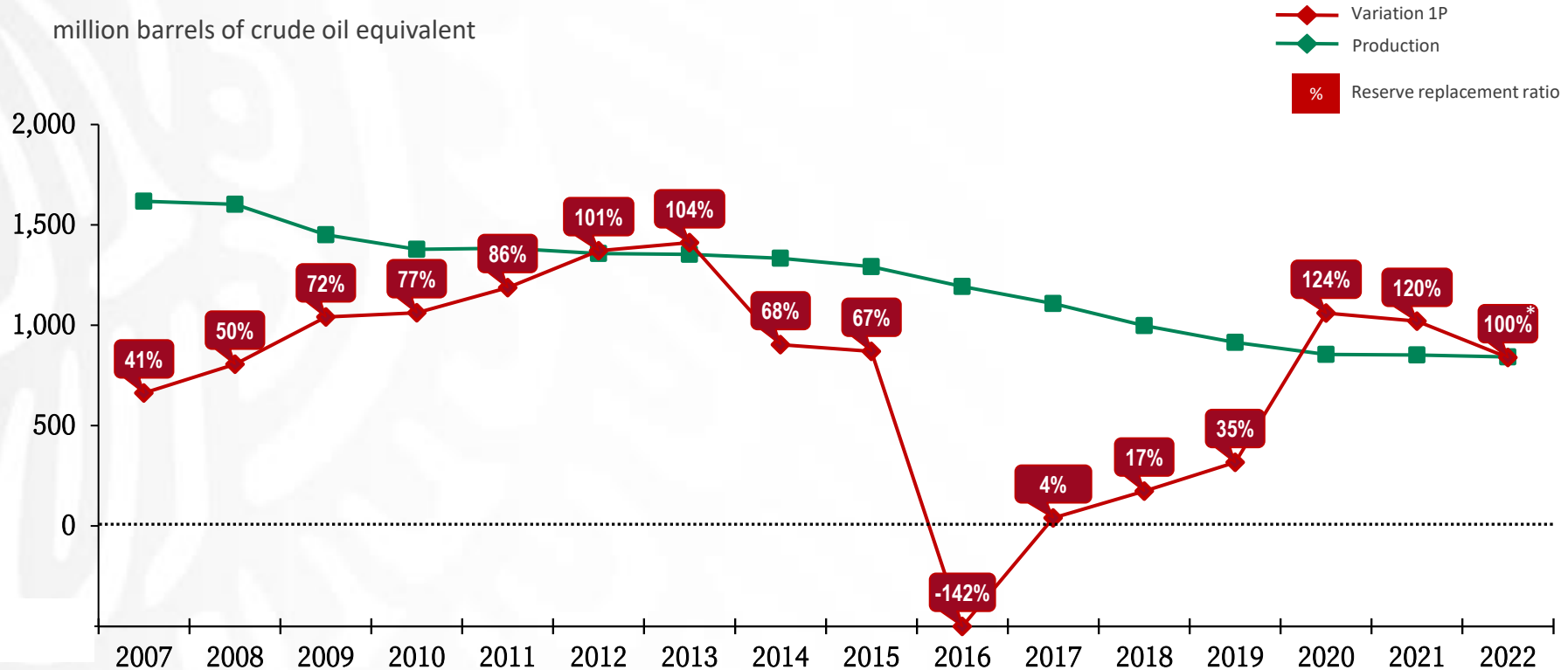


- For the third year in a row, PEMEX incorporated more 1P resources than it consumed for production.
- Results like this had not been recorded for the last fourteen years.

Note: Values as of January 1 of each year.

\* Preliminary.

# Reserve Replacement Ratio Percentage



- In the last three years, proven reserves have been restored with respect to the year's production.

Note: Values as of January 1 of each year.

\* Preliminary.

# Industrial Processes

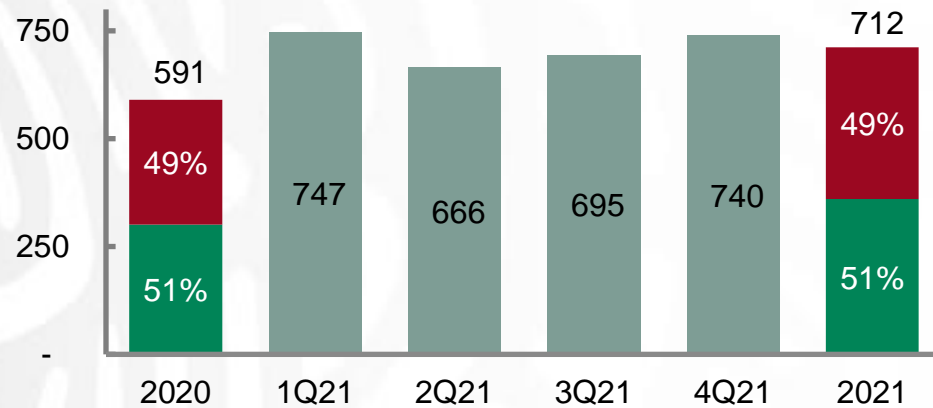


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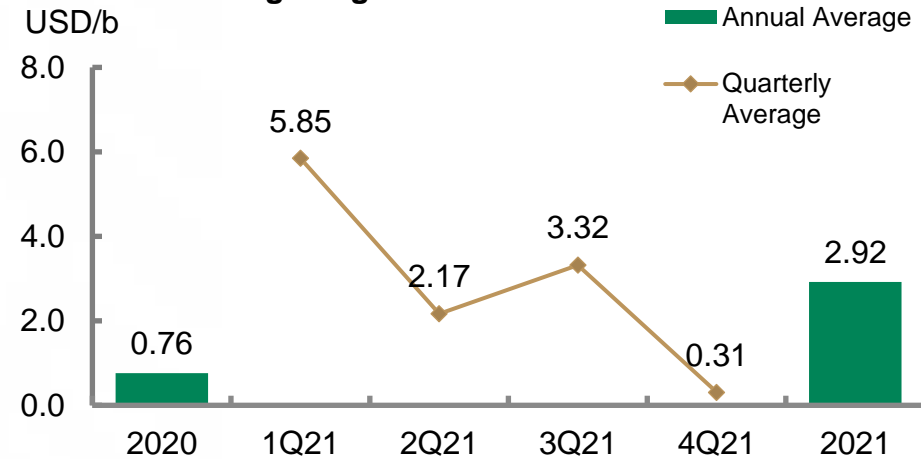


# Crude Oil Process and Petroleum Products Production

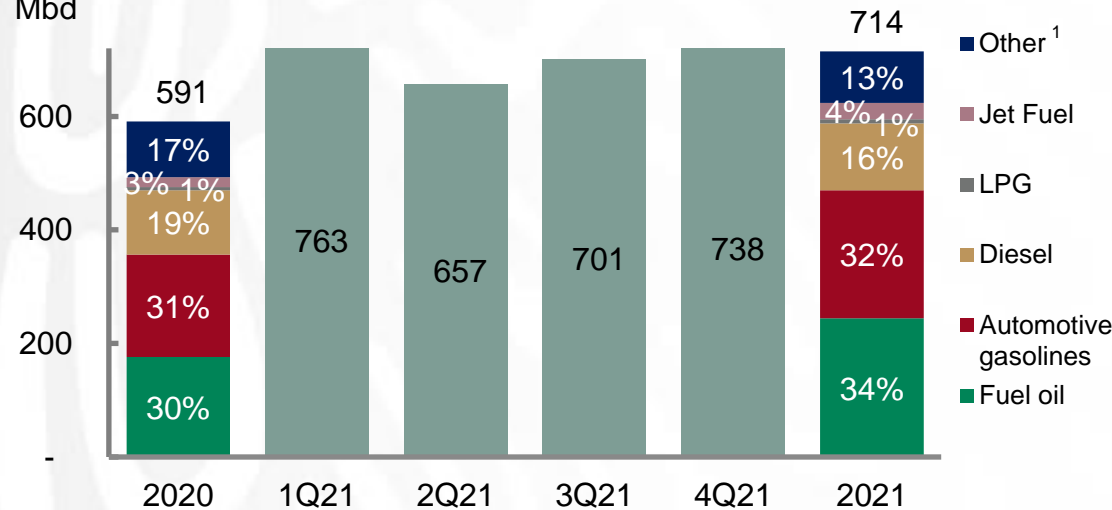
## Crude Oil Processing Mbd



## Variable Refining Margin USD/b



## Production of Oil Products Mbd



• In 2021, crude oil process increased by 20%, and oil products production by 21%, as compared to 2020, as a result of the progress of the National Refining System Rehabilitation Program.

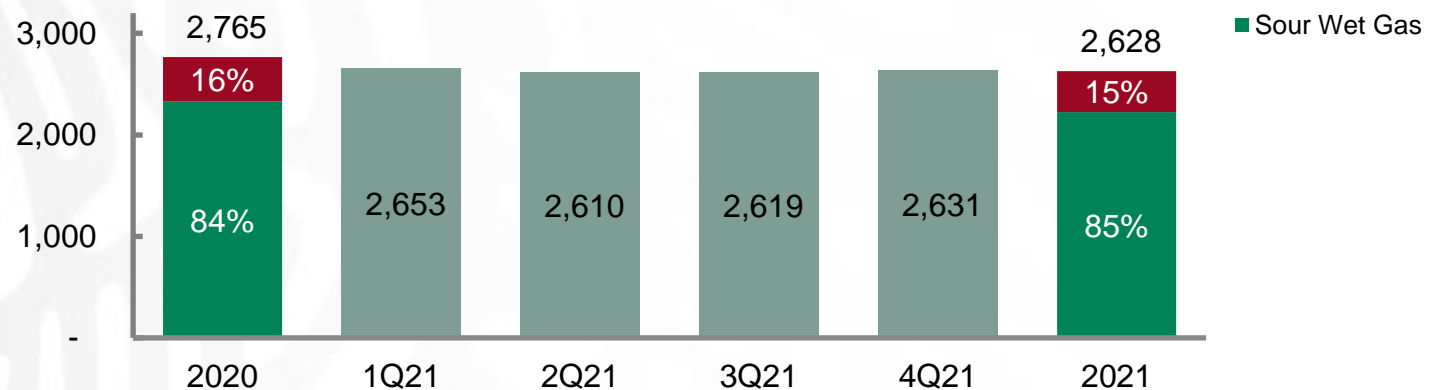
• The variable refining margin of the National Refining System averaged 2.92 USD/b, driven by higher reference prices for refined products.

1. Includes dry gas, gasoil, light cyclic oil, aeroflex, asphalts, coke, lubricants and paraffins.

# Gas Processing and Production

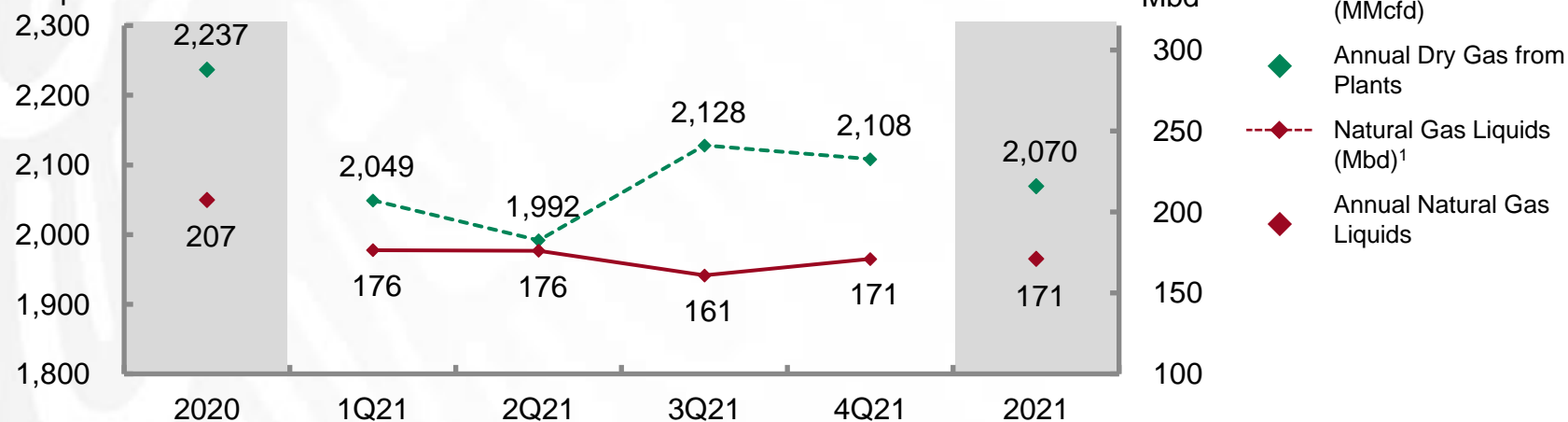
## Wet Gas Processing

MMpcd



## Dry Gas and Gas Liquids Production

MMpcd

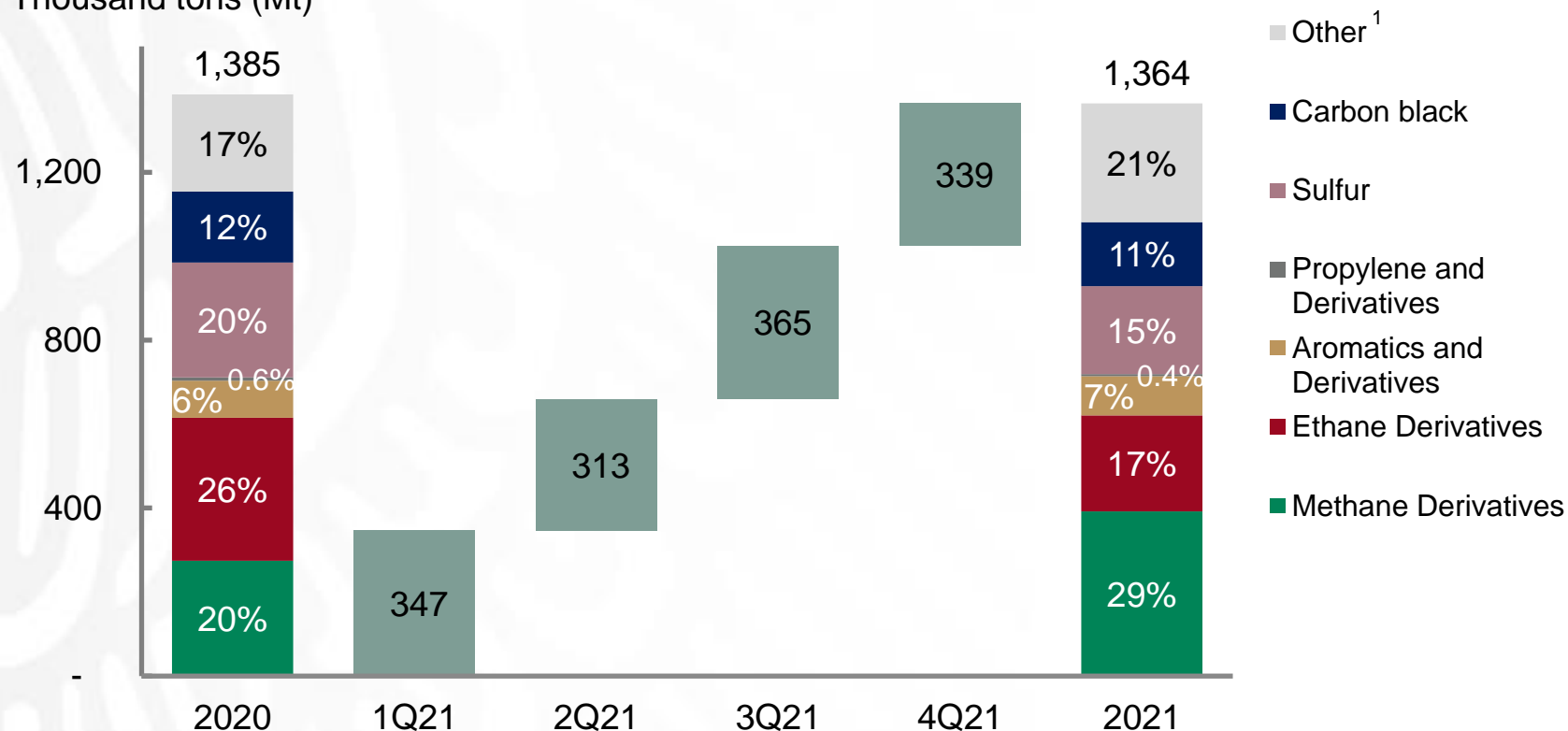


1. Includes fractioning fluents.

# Petrochemicals Production

## Production of petrochemicals

Thousand tons (Mt)



- In 2021, the total petrochemicals production amounted to 1,364 Mt, comparable to the 2020 record.
- The methane derivatives production increased by 118 Mt, mainly as a result of the operational continuity of the ammonia plant VI at Cosoleacaque petrochemical complex.
- Other petrochemicals' production increased by 52 Mt, due to higher production of carbon dioxide.

1. Includes Carbon dioxide, crude butadiene, polyethylene waxes, CPDI, petrochemical specialties, heptane, hexane, hydrogen, isopentanes, pyrolysis liquids, nitrogen, oxygen and pentanes.

# Questions and Answers



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**Antonio Lopez Velarde**  
Acting Chief Financial Officer



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**Reinaldo Wences**  
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# INVESTOR RELATIONS

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