

## INVESTOR PRESENTATION







## CONTENT

- **A** Overview
- **B** World LPG market
- C Turkish LPG market & Aygaz
- **D** The LPG value chain
- **E** Participation portfolio
- F Natural gas

- **G** Other participations
- **H** Financial highlights
  - I Appendix
- **J** Glossary
- **K** Disclaimer
- **L** Contacts



## Aygaz overview 2021 **\* 15.9 billion** REVENUE 2.2 m tons SALES OF LPG LPG MARKET SHARE **LEADING LPG DISTRIBUTOR** of TURKEY **NATURAL GAS REFINERY** AYGAZ DOĞALGAZ **◯** Tüpra<u>s</u> **DIVERSIFIED PARTICIPATION PORTFOLIO O** ENTEK **IN ENERGY POWER GENERATION**



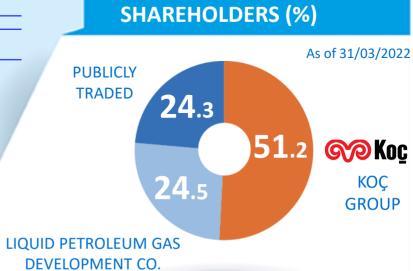


## >

## **Overview**

	SUMMAI			
(Cons. In m TL)	2021	2020	2019	<b>2021-2020</b> Change
Revenue	15,893	10,145	10,211	57%
EBITDA**	705	444	492	69%
Net Profit*	670	-25	273	-
EBITDA Margin	4%	4%	5%	-
Net Profit Margin	4%	-0.2%	3%	4
Volume (000 tons)	2,245	2,150	2,068	4%

<sup>\*</sup> Parent company's share \*\* Except other income and expenses







## >

## **Core business - LPG distribution**

**Generic brand for LPG** 

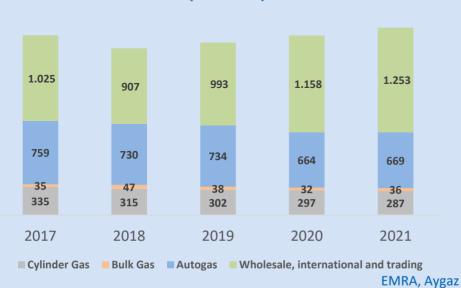
27<sup>th</sup> largest industrial company of Turkey, as of 2020

**Most preferred LPG brand in Turkey since its foundation** 

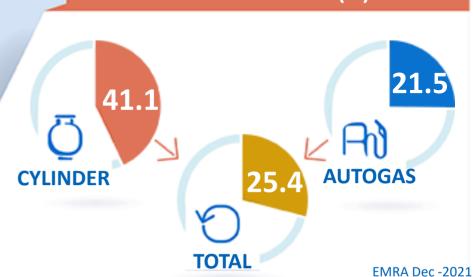
Market leader with 3 brands

AYGAZ Mogaz Lipetgaz





## **MARKET SHARES (%)**







## B

## **World LPG market**

## **WORLD LPG CONSUMPTION (m tons)**



- Despite the consistent growth for a decade, global LPG demand contracted by 2.6% YoY in 2020 due to pandemic effects.
- 300 billion USD business size worldwide
- Sources of LPG production;



#### LPG AS A COMMODITY











Mixture of
Hydrocarbons
(Butane and
Propane)

Portable and versatile

Low GHG Emission; Eco-friendly Diversity of
Supply sources;
Abundant
reserves

Cleaner, safer And cheaper at home & transportation

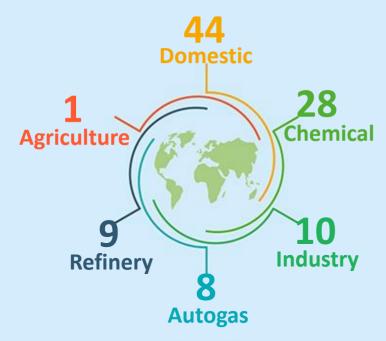
WLPGA Statistical Review of Global LP Gas Report, 2021





# **World LPG consumption**

World LPG Consumption
By Sectors (%)



World LPG Consumption
By Regions (%)

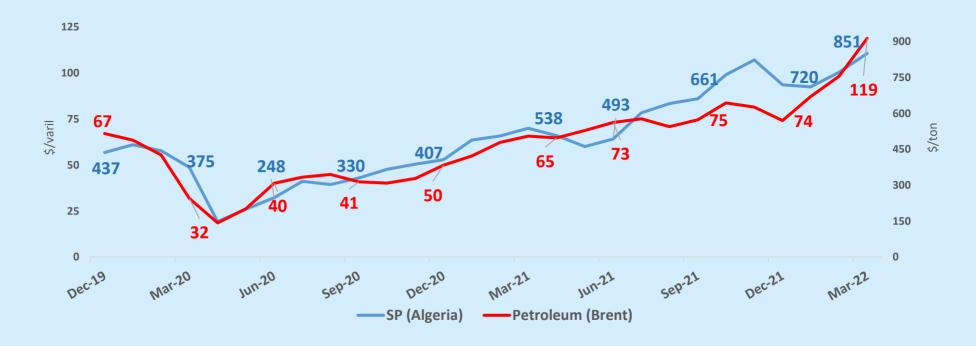


WLPGA Statistical Review of Global LP Gas Report, 2021





## **Prices of LPG and brent**



- There is a correlation between LPG and oil price
- Seasonality can also affect LPG price
- March 2022 Sonatrach LPG price is at 851 USD/ton and up by 18% compared to December 2021 and 58% higher than March 2021 level.

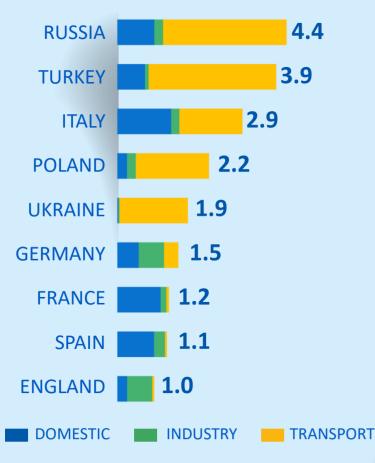
Sonatrach / Market data





## **Turkish LPG market**





WLPGA Statistical Review of Global LP Gas Report, 2021

### 3.9 m tons #2 in Europe #10\* in the World

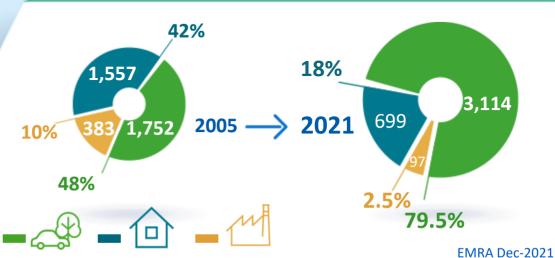
## ~90 distribution companies

Leading 3 players in the cylinder market and first 8 players in the autogas market hold over 80% of the total market

## Liberal market with regulatory body-EMRA

\* when p. chemical and refinery is excluded

#### **EVOLVING FROM CYLINDER TO AUTOGAS (000 tons)**

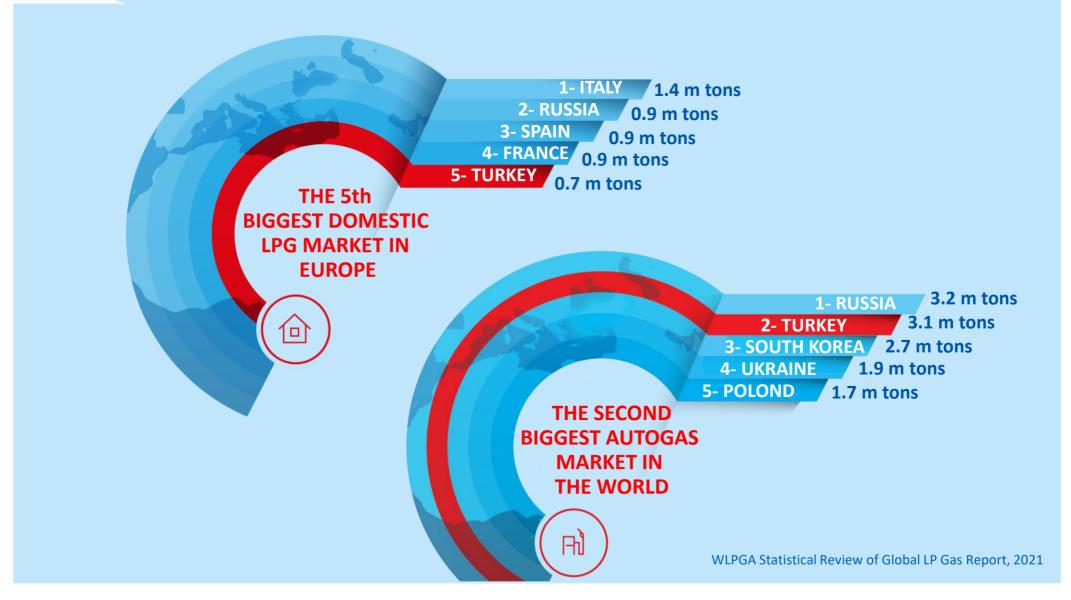








# LPG market ranking



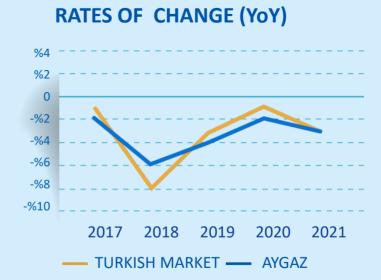






# Cylinder market starting to stabilize





### **General factors affecting cylinder market;**

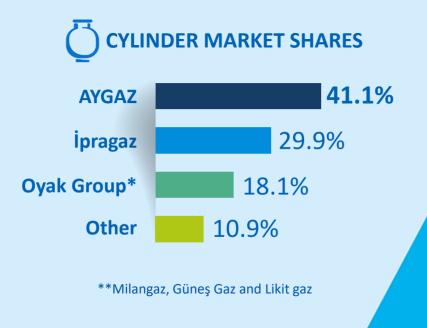
- Pressure on demand due to rising LPG prices
- Continuation of natural gas grid expansion despite deceleration
- Effects of urban transformation
- Contraction in commercial sales







# Leader of cylinder LPG market



- Generic brand
- Market maker
- Largest dealer network with high sales efficiency
- 60% market share in residential use
- Fully integrated production cycle; Cylinder and gas appliances factory in Gebze plant
- Aygaz Ekspres; digital solutions for optimizing dealers' business&delivery

Aiming to maximize customer satisfaction&loyalty

2021	Number of dealers	Sales Volume (tons)	Avg dealer sales (tons)
Aygaz cylinder dealers	2,259	287,306	127
Total cylinder dealers	6,110	699,062	114

Dec- 2021 EMRA data







# World's 2nd biggest autogas market

#### **AUTOGAS MARKET**



### **RATES OF CHANGE (YoY)**



### Factors affecting autogas market;

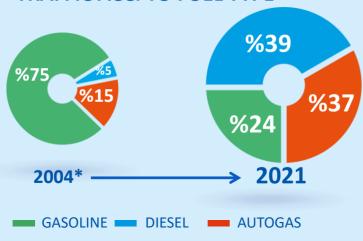
- 30% more economic on average compared to gasoline.
- Fierce price competition among national and local players
- Increasing interest of car manufacturers to LPG and conversions with car guarantees

**EPDK** 

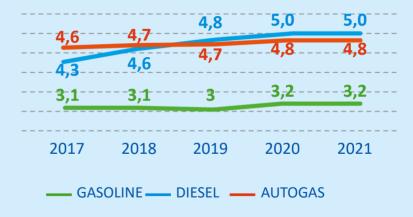


# Autogas; most widely-used passenger car fuel of Turkey





#### **TURKISH CAR PARK (m cars)**



\* Fuel type unknown: 5%

- Largest LPG vehicle fleet in the world; 16% of the world
- Approx. 11,000 autogas stations all over Turkey

#### **CAR OWNERSHIP PER PERSON**

**575**/1.000 **150**/1.000 EUROPE TURKEY

TÜİK, ACEA

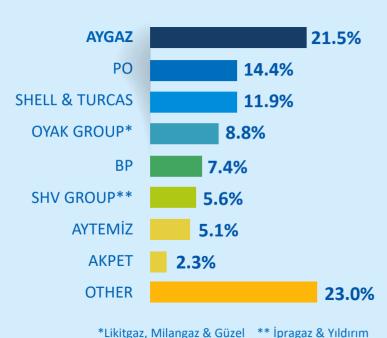




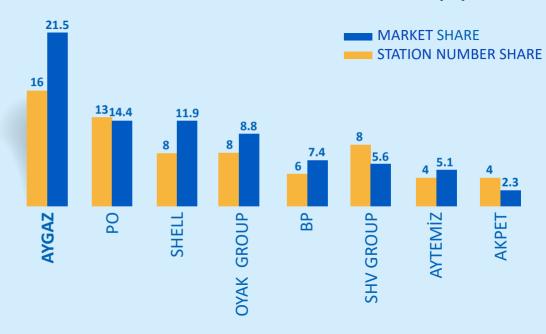
# Leader of the autogas market in

# **Turkey**

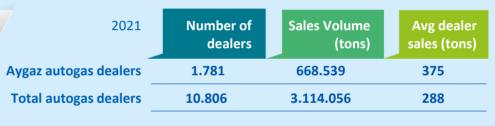




## **MARKET SHARE & STATION NUMBER SHARE (%)**



- Largest dealer network with high sales efficiency
- Creating network synergy with sister company Opet
- Core business is LPG unlike other fuel distributors

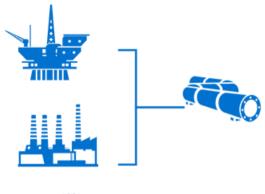


EMRA December 2021





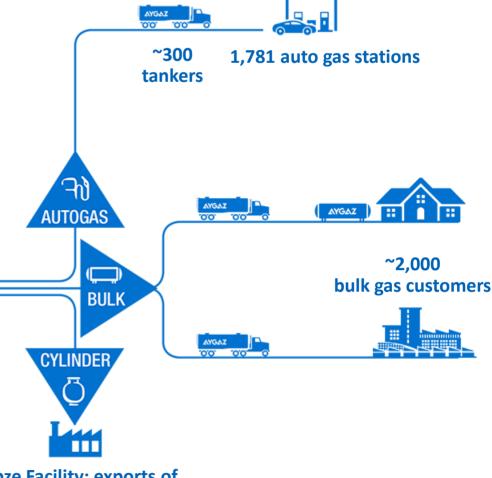
# The LPG value chain



2.2 million tons of LPG supply Moving&floating storage capacity of 37,000 m3

Fixed storage capacity of 178,400 m3

3 LPG ships belonging to the fleet of Anadoluhisarı Tankercilik



Gebze Facility; exports of cylinders and gas devices



~200 cylinder vehicles

cylinder gas dealers

As of end of 2021





# Competitive supply chain



## **BIG PLAYER**

- #1 purchaser in Mediterranean
- **#1** importer in Turkey
- **#1 LPG exporter in Turkey**
- **#1** storage owner in Turkey (~24% of TR)



## **ADVANCED MODEL**

- **Direct imports to 5 different locations**
- Most diversified supply portfolio in Turkey Diversified supplier & origins Diversified supply pattern (ex-refinery, FOB, CIF)
- Only company in Med capable of discharging a VLGC in single port



#### **FLEET MANAGEMENT**

- **Top-notch LPG fleet owner**
- Total capacity: 28,800 cbm, Average age: 15 yrs
- Single LPG vessel charterer (in/out) in Turkey
- **Reduces logistics costs**
- Provides flexibility in sourcing and inventory management



## OVERLAND TRANSPORTATION

- **Biggest LPG truck fleet in Turkey** >500 vehicles
- **Transporting 1.4 million ton/year**
- 45 million km/year













Financial Investments: Koc Finansal Hizmetler A.S. (3.93%), Ram Dis Ticaret A.S (2.5%), Tat Gida Sanayi A.S. (0.08%)

F

# **Natural** gas



#### **LNG SALES**



**Transportation** and regasification



15% market share, 300 industrial customers 2021 sales: 82 mcm

## **PIPELINE NATURAL GAS SALES**



Started in 2021 sales: 2010 246 mcm

### **PROJECTS**

**LNG & Pipeline gas import** 

# SALES VOLUME (mcm) 1.279







G

# Other participations

**POWER GENERATION** 

**O ENTEK** 

60 MW

TOTAL INSTALLED CAPACITY: 436 MW

**Natural Gas** 

Combined Cycle (NGCC): 112 MW

8 Hydro Assets: (HEPP): 265 MW

Wind powered plant

akpa

#### **SALES AND MARKETING**

Direct sale of cylinder gas and carboy water throughout Turkey

Fuel trade at its fuel stations

#### **STRATEGY**

Selective growth depending on opportunities and liberalization in the market



Founded in 2013 as a 50-50 partnership with Opet to purchase real estate and manage or lease these properties as fuel or autogas stations

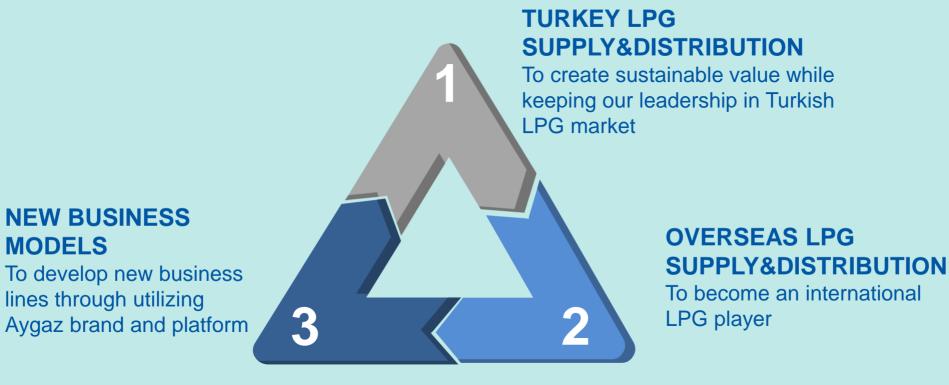
Currently owns 21 stations







# Long term strategic plan of Aygaz





**NEW BUSINESS** 

lines through utilizing

**MODELS** 



## Bangladesh Investment - United Aygaz LPG Ltd.

 Bangladesh average GDP growth rate between 2015-2020 is 11% and it is one of the most densely populated countries in the world.



148 K ton CAGR 53% 1.2 million ton

**Bangladesh LPG Market** 

2013

85% domestic consumption

- Aygaz aims to operate in supply, filling and distribution of LPG through a green field investment.
- Aygaz's partner, United Enterprises & Co. Ltd. (UECL) was established in 1978 and has become one of
  the pioneering companies in the country. UECL has a diverse investment portfolio spanning from power
  generation to healthcare, education, real-estate, construction, port, yarn spinning, specialized services,
  shipping, mineral oil distribution and logistics among others.
- The critical success factors for Aygaz within this investment stand out to be its **60 years** of expertise in the sector, brand power and the supply and operational advantages that are planned to be created. WLPGA, World Bank





## Bangladesh Investment : United Aygaz | AYGAZ



- Bangladesh LPG market, which grew by 28% and reached 1.2 million tons in 2020, is the fastest growing LPG market in the world with an average annual growth rate of 53% in the last 5 years.
- In line with the investment plan, company's capital is increased from 1.120 billion Bangladesh Taka ("BDT") up to 2.140 billion BDT (approx. 25 million USD) in February 2022.
- Initial facility investment in Chittagong is ongoing as planned:
  - Final CPA (Port Authority) permit, which is critical for LPG supply at the facility, is obtained.
  - It is planned to put the 2 spheres into use by June.
  - After the inspection of the facilities by government authorities, it is planned to obtain the final operation license and start filling operations at full capacity.
- As of the end of March, the number of employees of United Aygaz has reached to 54.











## Parcel Delivery- Sendeo Dağıtım Hizmetleri A.Ş.

(previous title: Aygaz Aykargo Dağıtım Hizmetleri A.Ş.)



- Turkish e-commerce sector had grown by **35**% on average between 2015 and 2019. In 2019 sector growth reached **39**% YoY. In 2020 it is further up by **66**% **YoY** with the impacts of the pandemic.
- Cargo distribution business, which continues to grow rapidly in line with the e-commerce, is a
  business line where Aygaz aims to create additional value by utilizing its current assets. These
  assets can be listed as its brand power, widespread dealer network, facility infrastructure and
  home delivery expertise that is currently reaching 50 thousand houses on daily basis.



Facility infrastructure



Strong dealer network





• **B2C** segment including the end-user delivery is the primary focus which is expected to increase its portion in cargo sector.

TUBİSAD, E-Ticaret Bilgi Platformu





## Sendeo Dağıtım Hizmetleri A.Ş.



- In line with the investment plan, company's capital is increased from 143.5 million TL up to 423.5 million TL in February 2022.
- After starting Istanbul operations in May 2021, expansion to all 81 cities is completed in February 2022.
- Sendeo delivered more than 40.000+ daily packages in April through 8 transfer centers and 5 distribution depots. As a result, total number of packages distributed in the first three months of 2022 surpassed 2 million.
- Total office and field staff reached 815 as of end of March 2022.









# Aygaz key takeaways



Brand Power Long-term Strategy Builder



Diversifier & Portfolio

Financial Strength

#### STRATEGIC PRIORITIES

Sustain its market leadership in LPG by;

- Investing in the future with the responsibility of being the industry's highly reputable, reliable and consumer-oriented brand,
- Prioritizing high safety standards and product quality,
- Developing innovative products and services with solutions that place innovation and digitalization at the core.

#### Ensure sustainable growth to move its current position forward by:

**Logistics Network** 

- Following and seizing opportunities for mergers, acquisitions and investments at home and abroad,
- Improving efficiency in all processes from sourcing to selling LPG,
- Aiming to create value for all stakeholders.





## Shareholder value

BIST Code AYGAZ

Bloomberg Code **AYGAZ.TI** 

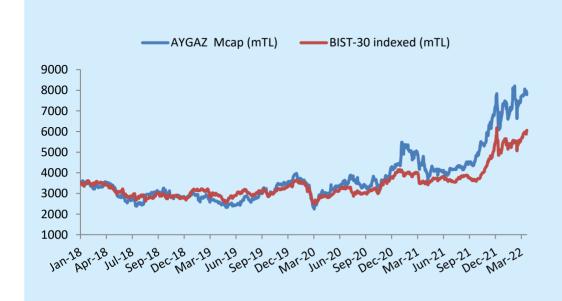
Reuters Code AYGAZ.IS

IPO Date **13.01.1988** 

Free Float Rate 24.3%

#### **STRENGTHS**

- Sustainable operating profitability from core business; LPG
- Resistant to economic fluctuations and crises
- Regular dividend payments
- Corporate governance practices at international standards;
  - SAHA Corporate Governance and Credit Rating Services upgraded Aygaz's corporate governance rating score to 9.50 on June 21, 2021.









# H Financial highlights



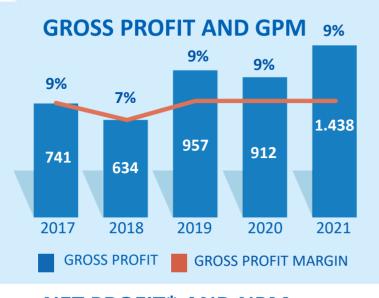
Revenue figure fluctuations are mainly due to;

- FX rate changes
- Commodity price changes





# **Financial highlights**



#### **EBITDA\*\* AND EBITDA MARGIN**





NET PROFIT NET PROFIT MARGIN

#### **PROFIT MARGINS**



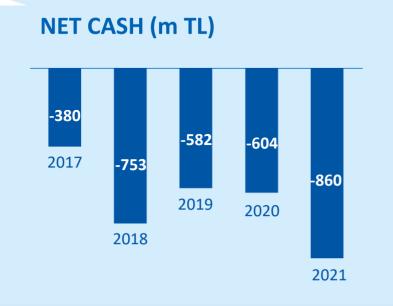
Bar figures: m TRY

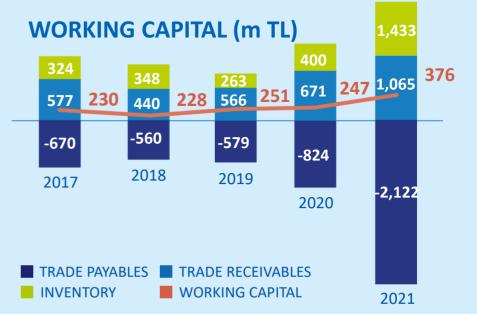




<sup>\*</sup> Parent company's share \*\* Except other income and expenses

# > Financial highlights





#### **CURRENT RATIO**



## **RETURN ON EQUITY**

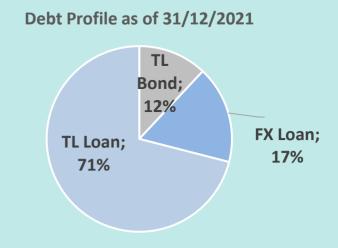






# **Financial highlights**

(m TL)	12M 2021	9M 2021	12M 2020
ST Borrowings	112	108	221
Current portion of LT Borrowings	955	966	346
LT Borrowings	1,486	824	997
Total Financial Debt	2,553	1,898	1,564
Cash and cash equivalents (-)	1,693	1,308	961
= Net Debt	860	589	604



- Maturity structures of the debts are wide-range and long term.
- FX position is actively monitored and managed including derivatives.
- Credit Rating: Our company's credit rating process carried out by JCR Eurasia Rating has been completed and following ratings has been assigned; the Long-Term National Rating "AA+ (Trk) / (Stable Outlook)", the Short-Term National Rating "A-1+ (Trk) / (Stable Outlook)", the Long-Term International (foreign and local currency) Rating "B / (Stable Outlook)".





## **Risk Policy**

## FX & Interest Rate Risk

- •Zero FX exposure target after natural hedges (ie. LPG inventories)
- Portfolio with fixed/variable interest rates
- Proactive management of FX and interest rate with derivatives

# Leverage & Liquidity Risk

Limits for financial ratios and active liquidity risk management:

- •Net Financial Debt/EBITDA -- Current Ratio -- Share of long term debt
- Effective management of Net Working Capital

# Counterparty & Receivables Risk

- Customer/dealer credit risk assessment
- Collaterals (letters of credit, pledges etc.) to mitigate collection risks
- Deposit is kept within bank based limits

## Commodity Risk

- Operational hedge: Optimum stock policy & forward pricing mechanism
- Financial hedge: Expected inventory exposure for the year end is hedged by using derivatives

## Operational Risk

- Changes in legislation are monitored
- Compliance and KYC processes are in place





## **Sustainability Efforts - ESG**

- Member of Koç Group who has committed to be Carbon Neutral by 2050 in line with the European Green Deal.
- **LPG** is a cleaner product compared to other fossil fuels and Aygaz's main product line **autogas** offers lower carbon emission.
- First Turkish energy company publishing "B" level sustainability report in Turkey according to GRI standards
- Continuously included in Borsa Istanbul **Sustainability Index** since 2018.
- Corporate Governance Rating Score of 9,50
- Representation of women 11% within the BoD, 22% within the executive management
- R&D Center; the first among the LPG distribution companies in Turkey
- **GreenOdor Project**; patented sulfur-free odorant for LPG the first in the world- aiming to prevent 40 tons of sulfur emission per year.
- Cylinder Loading Robot; the first for the sector, especially in terms of occupational health and safety
- Continuous contributor to Vehbi Koç Foundation; Turkey's first private foundation focusing on social development
- "Don't Stay Silent Against Violence!" Project; as a signatory of the United Nations (UN) Global Compact and
  Women's Empowerment Principles since 2016, Aygaz launched a communication campaign to draw attention to
  domestic violence, which saw a rise during the COVID-19 pandemic.
- **Diabetic Children's Camp**; continuous supporter of the Diabetic Children's Camp, organized by the Child and Adolescent Diabetics Association since 2004.
- "What will the weather be like tomorrow?" Project; social responsibility campaign launched to raise awareness against climate change.
- Aygaz Firefly Education Unit; education program, which included courses such as Algo Digital Information, Enjoy Learning Math, Enjoy Learning Science and Enjoy Learning Hygiene
- **Aygaz Library**; project that Aygaz brought to life with the aim of putting together the cultural and historic heritage of its geography with writing and imparting them onto future generations.













# Appendix





1

## **Income statement summary**

(m TRY)	2017	2018	2019	2020	2021
Revenue	8,469	9,554	10,211	10,145	15,893
cogs	(7,728)	(8,920)	(9,254)	(9,233)	(14,455)
<b>Gross Profit</b>	741	634	957	912	1,438
<b>Operating Profit</b>	265	71	365	288	418
Profit Before Tax	621	250	306	31	697
Net Profit*	577	228	273	-25	670
EBITDA**	352	160	492	444	705
	MARGINS				
<b>GP</b> margin	9%	7%	9%	9%	9%
<b>OP</b> margin	3%	1%	4%	3%	3%
NP margin	<b>7%</b>	2%	3%	-0.2%	4%
EBITDA margin	4%	2%	5%	4%	4%

<sup>\*</sup> Parent company's share \*\* Except other income and expenses





## **Balance sheet summary**

(m TRY)	2017	2018	2019	2020	2021
Cash & Cash Eq.	593	648	665	961	1,693
Trade Receivables	577	440	566	671	1,065
Inventories	324	348	263	400	1,433
Inv. Acc. Under Equity Method	2,273	2,305	2,059	1,847	2,161
Prop. Plant & Eq.	678	687	713	696	772
Financial Debt	(973)	(1,401)	(1,247)	(1,564)	(2,553)
Trade Payable	(670)	(560)	(579)	(824)	(2,122)
Equity*	2,923	2,502	2,478	2,317	2,698
Total Assets	4,966	5,013	4,955	5,395	8,333
Net Cash (Debt)	(380)	(753)	(582)	(604)	(860)
Working Capital	230	228	251	247	376

<sup>\*</sup> Parent company's share

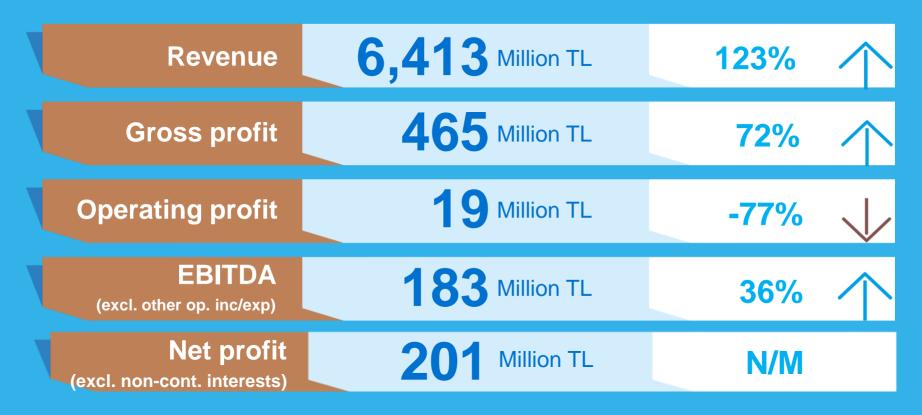




3

## Quarterly Financials – Q1 2022

QUARTERLY / (YoY)

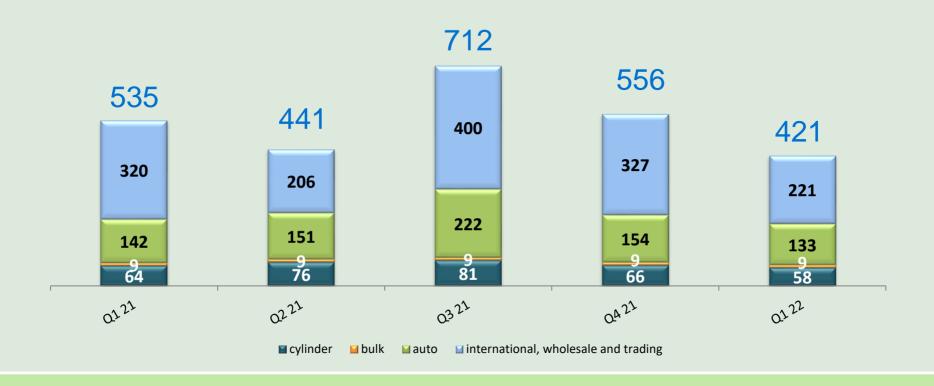


• In Q1 2022, gross profit is up by 72% YoY due to higher LPG prices and FX rate; while operating profit eroded by increasing operating expenses caused by inflation and new investments as well as FX losses classified under other income and expenses from operations.





## Aygaz LPG Sales (Quarterly) (000 tons)



#### Q1 2022 sales volumes were realized as;

108 thousand tons in wholesale (+65% YoY)

110 thousand tons in international ( -5% YoY)

3 thousand tons in trading (-98% YoY)

EMRA, Aygaz





### <sup>5</sup> Market Shares





As of February 2022 EMRA report, Aygaz cylinder and autogas market shares are 41.7% and 21.6% respectively.

(41.6% and 21.8% in February 2021)

#### Turkish LPG Demand (000) tons



## According to February 2022 EMRA report,

- Turkish cylinder gas consumption and total LPG demand for the first two months of 2022 is down by 11% and 2% YoY respectively.
- Turkish auto gas consumption is at the same levels as previous year.

EMRA, Aygaz





6

#### **Subsidiaries and Affiliates**

Subsidiaries	Principal activity	Participation
Anadoluhisarı Tankercilik A.Ş	Shipping	100%
Kandilli Tankercilik A.Ş.	Shipping	100%
Kuleli Tankercilik A.Ş.	Shipping	100%
Kuzguncuk Tankercilik A.Ş.	Shipping	100%
Akpa Day. Tük. Lpg ve Akar. Ürün. Paz. A.Ş.	Marketing	100%
Aygaz Doğal Gaz Toptan Satış A.Ş.	Natural gas	100%
Aygaz Doğal Gaz İletim A.Ş.	Natural gas	100%
Sendeo Dağıtım Hizmetleri A.Ş. (previous title: Aygaz Aykargo Dağıtım Hizmetleri A.Ş.)	Cargo Transport/Distribution	55%
Bal Kaynak Su İth. İhr. Sanayi ve Ticaret A.Ş	Water distr.	100%

**AYGAZ UK London Branch**: The London branch of the company - established in 2019 to engage in trading that will help increase trade volume with third parties in foreign markets, support import, export and transit operations, and create added value from the supply chain.





#### **Subsidiaries and Affiliates**

Affiliates	Principal activity	Participation
Enerji Yatırımları A.Ş.	Energy	20%
Entek Elektrik Üretimi A.Ş.	Electricity	50%
Opet Aygaz Gayrimenkul A.Ş.	Real Estate	50%
United Aygaz LPG Ltd - Bangladesh	LPG distribution	50%

Financial Assets	Principal activity	Participation
Koç Finansal Hizmetler A.Ş.	Finance	3.93%
Ram Dış Ticaret A.Ş.	Trade	2.50%
Tat Gıda Sanayi A.Ş.	Food	0.08%





### Forward looking statements for 2022

#### Sales volume

- Cylinder: 280-290 thousand tons
- Autogas: 690-720 thousand tons

#### Market share

- Cylinder: 41.0%-43.0%
- Autogas: 21.5%-22.5%





## Glossary

LPG	Liquid Petroleum Gas
<b>EMRA</b>	Energy Market Regulatory Authority
WLPGA	World LPG Association
SP	Sonatrach Price
PETDER	Petroleum Industry Association
FOB	Free On Board
CIF	Cost, Insurance & Freight
Med	Mediterranean
VLGC	Very Large Gas Carrier
EYAŞ	Enerji Yatırımları A.Ş.
LNG	Liquid Natural Gas
Mcm	Million Cubic Meters
Bcm	Billion Cubic Meters
NGCC	Natural Gas Combine-Cycle
MW	Megawatt (one million watts)
BIST	Borsa Istanbul (Istanbul Stock Exchange)
IPO	Initial Public Offering
GHG	Greenhouse Gas Protocol





### K

#### **Disclaimer**

- This presentation may contain forward-looking statements that reflect the company management's current views with respect to certain future events. Although it is believed that the expectations reflected in these statements are reasonable, they may be affected by a variety of variables and changes in underlying assumptions that could cause actual results to differ materially.
- Neither Aygaz nor any of its directors, managers or employees nor any other person shall have any liability whatsoever for any loss arising from use of this presentation.





#### **Contacts**

#### investorrelations@aygaz.com.tr

Gökhan Dizemen, CFO

gokhan.dizemen@aygaz.com.tr

+90 212 354 1764

Ali Sencer Turunç,

Corporate Finance and

**Strategy Director** 

sencer.turunc@aygaz.com.tr

+90 212 354 1723

Selin Sanver,

**Investor Relations Manager** 

selin.sanver@aygaz.com.tr +90 212 354 1659

www.aygaz.com.tr



