

2Q 2017 SODA SANAYII

Investor Presentation



Contents

- Soda Sanayii A.Ş.

 Operational Results & Financial Performance
- Chemicals Business Segment Overview
- 20 Appendix



SODA SANAYİİ A.Ş. OPERATIONAL RESULTS & FINANCIAL PERFORMANCE



Key Financial Indicators



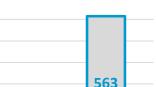






1H 2017

1H 2016





Gross Profit





Net Income

2Q 2017 Highlights

Consolidated sales volume a) up by 7% in soda chemicals b) up by 10% in chromium chemicals

Globally supressed pricing environment; a) 8% yoy decline in avg. soda ash prices b) 3%-6% decrease in chromium chemicals products prices

Continued to deliver strong topline growth and a high level of profitability thanks to operational efficiency investments

Growing competition with 500K ton capacity addition of local natural soda producer

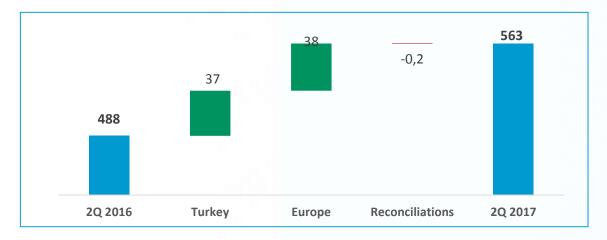
Continued modernization, energy saving and raw material supply investments in line with the sustainable growth strategy in place

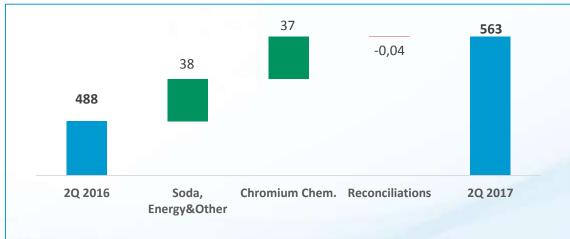
Distributed TRY 200mn cash dividends & increased the share capital by TRY 150mn through bonus share issuance Soda Sanayii's market capitalization is USD 1,35bn as Aug 18 and the company's 3-month average daily trading volume is 2,5mn shares



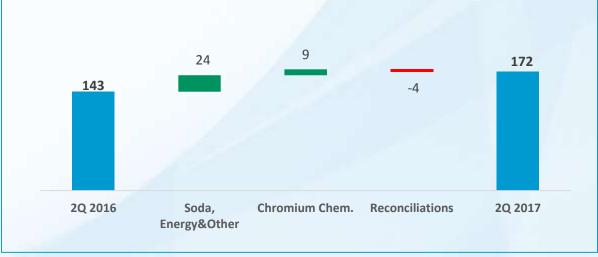
Key Financial Indicators

Revenue Contributions by Geography & Business Segments





Gross Profit Contributions by Business Segments

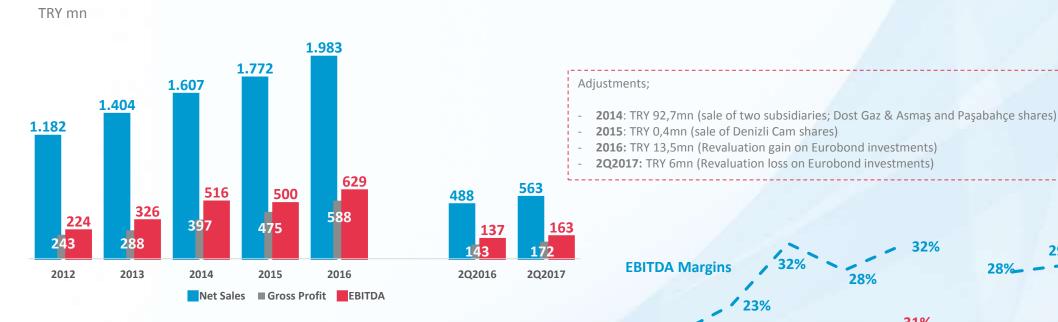




Soda Sanayii – Financial Results

Consolidated Financial Results

EBITDA Margins Adjusted to One-off Gains

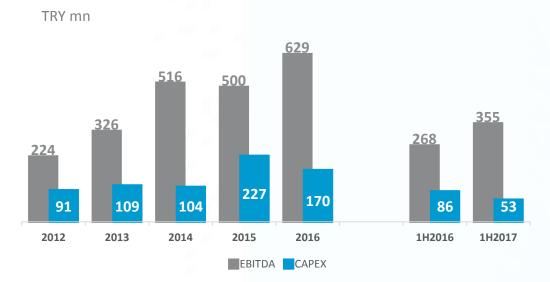


Gross Margin						29%	
EBIT Margin	•					23%	
EBITDA Margin	19%	23%	32%	28% [32%]	28%	29%



Soda Sanayii – Financial Results

Consolidated EBITDA & CAPEX



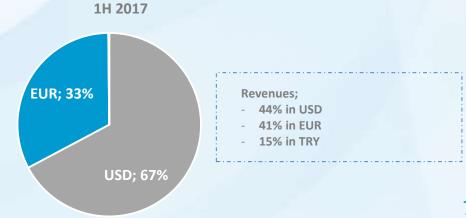
Maturity Breakdown of Debt



Consolidated EBITDA & NET DEBT



Currency Breakdown of Debt

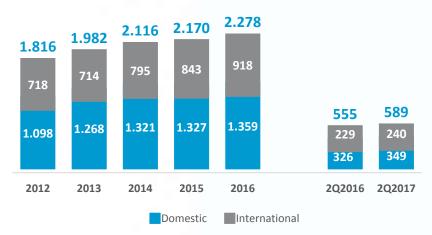




Soda Sanayii – Operational Results

Soda Production Breakdown

K Tons

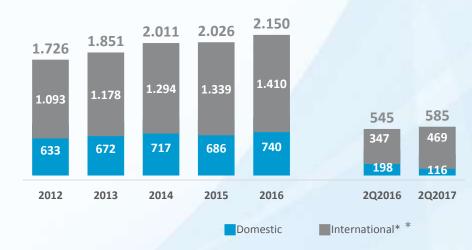


Chromium Chemicals Sales Breakdown**



Soda Sales Breakdown**

K Tons



Soda Sanayii Consolidated Revenues Breakdown

TRY mn 1.983 1.772 1.607 1.404 1.182 1.214 1.091 911 786 678 563 488 439 769 696 681 618 505 2012 2013 2014 2015 2016 2Q2016 2Q2017 International * Domestic



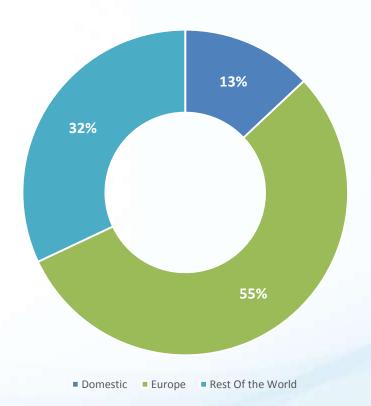
^{*}International Sales include sales from foreign operations + export from foreign operations + export from Turkey

^{**}Starting from 2017, white sulphate sales are categorized under soda segment rather than chromium chemicals segment. 2Q2016 sales volume data of both segments were revised accordingly

Soda Sanayii – Soda Sales Breakdown

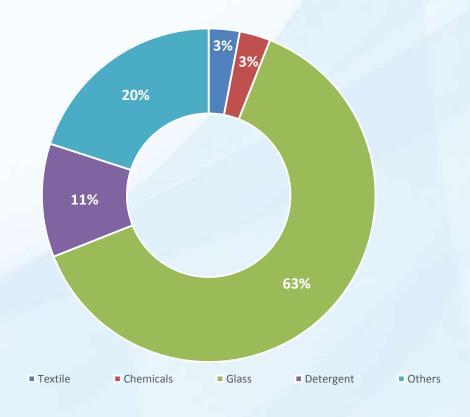
by Geography (in volume terms)*

2Q 2017



by Segment (in volume terms)

2Q 2017





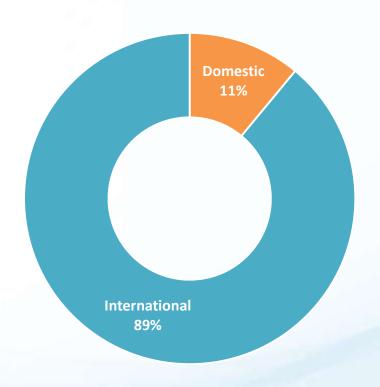
Soda Sanayii – Chromium Sales Breakdown

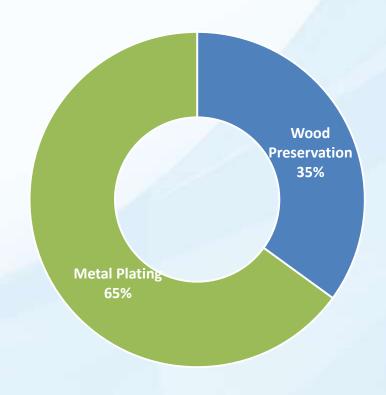
by Geography (in value terms)

Chromic Acid Sales by Segment (in volume terms)

2Q 2017

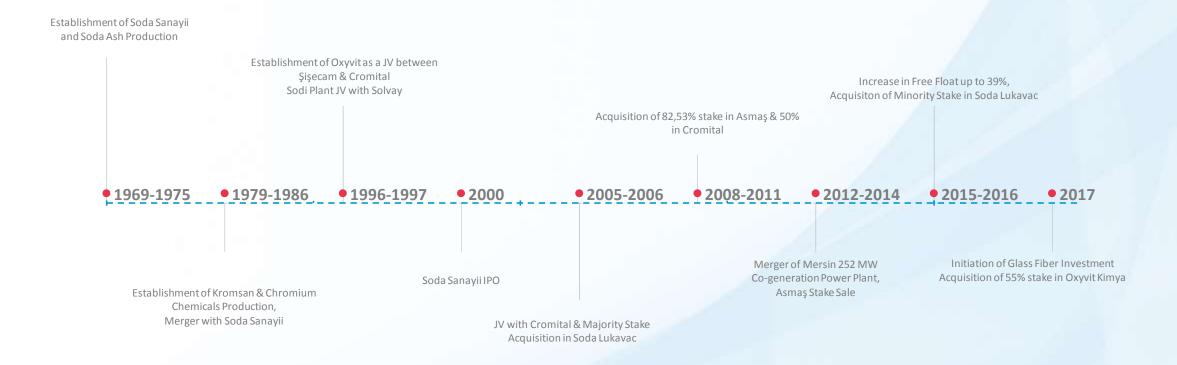
2Q 2017





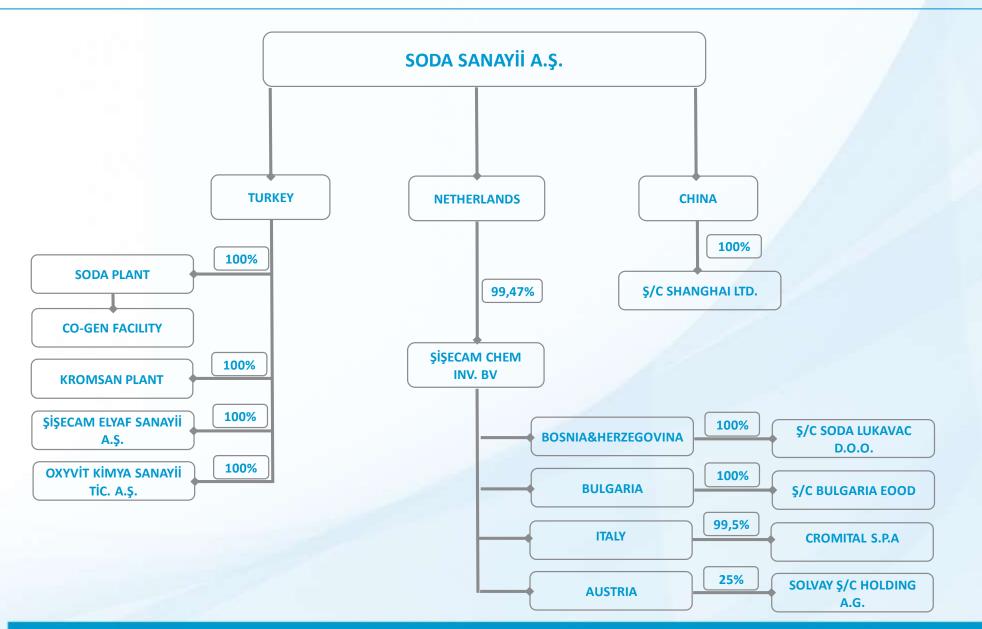


Soda Sanayii History





Corporate Structure





Vision & Strategy

VISION

- Strengthen current position in global soda ash market
- Target strong leadership in its all activities in global chromium chemicals market

STRATEGY

- Maintain sustainable & profitable growth
- Strengthen the position among leading players
- Continue to expand geographically
- Creating synergies from acquisitions and strategic partnerships
- Supporting profitability with continuous cost reduction
- Partnership approach and reliable solution provider for customers

SUSTAINABILITY

Soda Sanayii published 2016 sustainability report



Competitive Advantage

The New Steam Generation Facility in Mersin

- Within the scope of cost optimization objective, ongoing investment for the new steam generation facility, which utilizes solid fuel, was launched at the end of 2016
- Existing Co-generation facility will continue to run, providing the possibility of utilizing different types
 of energy sources i.e. natural gas and solid fuel

Long Term Raw Material Reserves Near Mersin Soda has secured its key raw materials for the long-term with significant reserve life and high quality limestone and brine

Co-location with Şişecam's Glass Packaging and Flat Glass Plant and Rail Access within Turkey

- Production facilities of some of the other key Şişecam Group companies and consumers of Soda Sanayii products, Trakya Cam, Anadolu Cam and Paşabahçe are in close proximity to Soda Sanayii
- This provides for low transportation costs, short transportation times and continuous supply capabilities

Cost Efficient Exports
Through Mersin Port

 Mersin Port, the largest port in the Eastern Mediterranean region, is only 16km away from the plant, providing low transportation costs and short transportation times

On the Ground Presence and Access to European Markets

- SSL Plant (Bosnia & Herzegovina): The location and level of supply in the European Market enables Soda Sanayii to compete with European soda producers
- Sodi (Varna-Bulgaria): Being close to Şişecam's Flat Glass and Glassware plants in Targovishte-Bulgaria enables low transportation costs, short transportation times and continuous supply capabilities
- Cromital S.p.A: With its Cromital plant in Italy, Soda Sanayii maintains its leading position in Europe in liquid and dust basic chromium sulphate, chromic acid and bichromate market



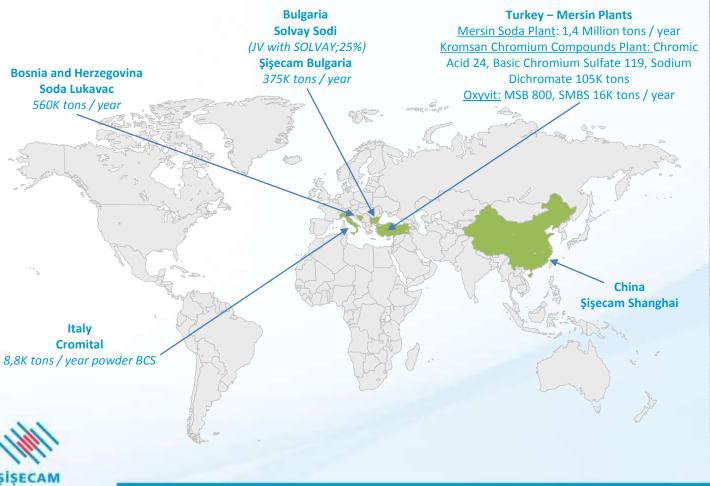
CHEMICALS BUSINESS SEGMENT OVERVIEW

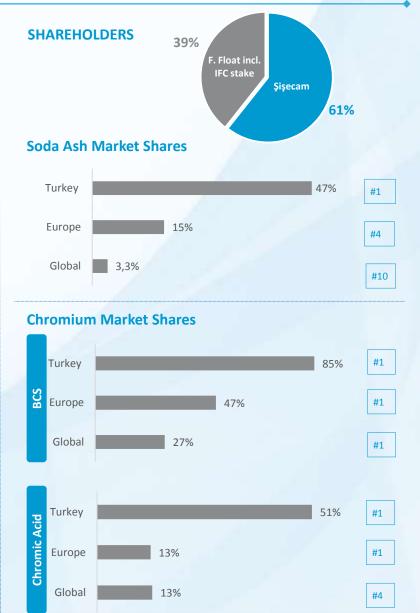


Chemicals – Soda Sanayii

Operations & Global Presence

Soda Sanayii, being the flagship company of Şişecam Chemicals, is a leading soda and chromium chemicals producer operational in 5 different facilities incl. Sodi JV and exporting products to +70 countries around the World



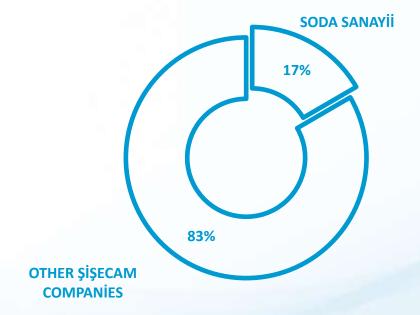


Chemicals – Soda Sanayii

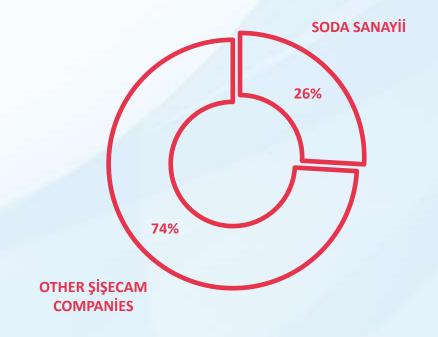
In 2Q 2017, Chemicals Segment accounted for 19% of Şişecam revenues and 30% of its adjusted EBITDA

Soda Sanayii's contribution to Şişecam revenues with its non-group sales was 17%, while its adjusted EBITDA accounted for 26% of the group's consolidated and adjusted EBITDA figure

Contribution to Şişecam Consolidated Revenues 2Q 2017



Contribution to Şişecam Consolidated EBITDA 2Q 2017





Soda Ash Market

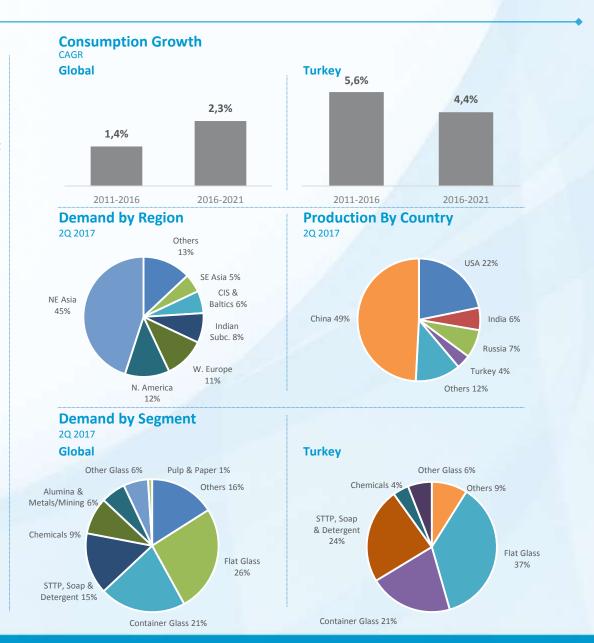
Industry Dynamics

- 56,5 Million tons production / demand globally
- 75% synthetic, 25% natural
- Demand drivers: growing flat glass, container glass and detergents sectors
- Balanced market in Europe, strong demand from developing regions on the back of fast growing construction, automotive and detergent sectors
- Stong environmental checks in China
- Average global capacity utilization rate at 86%



Regional Breakdown of Global Soda Ash Production Capacity





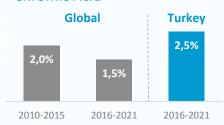
Chromium Market

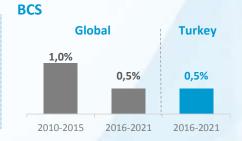
Industry Dynamics

- ◆ 380K tons Basic Chromium Sulphate ("BCS") global market, 155K tons Chromic Acid global market
- Demand drivers: leather, automotive, construction, wood preservation
- Largest consumers are China and Brazil
- Global capacity surplus leading to a prices pressure
- Global capacity utilization of BCS at 57% and Chromic Acid at 64%



Consumption Growth Chromic Acid





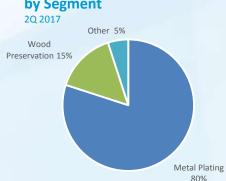
Global Chromic Acid Market



Global BCS Market



Global Chromic Acid Consumption by Segment



Global BCS Consumption by Segment

by Segment
2Q 2017

Other (metal finishing purposes) 1%

Leather

99%



Appendix



Summary Financials

BALANCE SHEET (TRY mn)	2016 YE	1H 2017	Change
Total Assets	3.317	3.470	5%
Cash & Cash Equivalents	971	828	-15%
Financial Assets	108	262	143%
Trade Receivables	412	459	11%
Inventories	204	212	4%
Equity-Pickups	281	274	-3%
Property, plant and equipment	1.209	1.226	1%
Intangible assets	17	17	-1%
Tax & Deferred Tax Assets	15	11	-26%
Other*	99	182	85%
Total Liabilities	714	730	2%
Interest Bearing Liabilities	293	278	-5%
Trade Payables	236	235	0%
Provisions	33	40	22%
Tax & Deferred Tax Liabilities	30	13	-57%
Other**	122	164	35%
Equity	2.603	2.740	5%
Equity holders of the parent	2.599	2.736	5%
Minority Interest	4	5	18%

^{*}Other Receivables, Prepaid Expenses, Other Current & Non-Current Assets



^{**}Other Payables, Deferred Income

Summary Financials

INCOME STATEMENT (TRY mn)	2Q 2016	2Q 2017	Change	1H 2016	1H 2017	Change
Revenue	488	563	<i>15%</i>	964	1.122	16%
Cost of Goods Sold	-345	-391	13%	-688	-763	11%
Gross Profit	143	172	20%	276	359	30%
Research and development	-2	-1	-54%	-3	-1	-52%
Sales and marketing	-24	-42	75%	-46	-74	61%
General and administrative	-21	-17	-21%	-39	-42	8%
Other income (expense), net	2	-3	-243%	0	0	-75%
Income from Equity Pick-ups	15	27	81%	32	52	62%
Income/Expense from Investing						
Activities	0	-6	NA	0	-5	NA
EBIT	114	130	14%	220	289	31%
EBITDA	137	163	20%	268	355	32%
Financial Expense, net	17	0	-99%	5	41	722%
Income before Tax	131	130	0%	225	330	47%
Tax Expense, net	-19	-14	26%	0	-46	NA
Net income	111	116	4%	198	284	43%
Net income after Minority Interest	111	116	4%	0	284	NA
Minority Interest	0	0	17%	0	0	NA
Earnings per share (TL):	0,148	0,154	4%	0,264	0,378	43%



Summary Financials

CASH FLOW STATEMENT (TRY mn)	2012	2013	2014	2015	2016	1H 2016	1H 2017
Net Profit	133	208	388	441	577	198	284
Non-cash	83	58	-21	-14	-56	52	35
Operating cash flows provided before changes w/c	216	266	367	427	521	250	319
Change in w/c	-69	-207	149	-24	-12	-107	-7
Cash flows from operating activities	147	59	515	403	509	143	312
Interest paid	-13	-12	-13	-14	-21	-12	-10
Interest received	7	11	20	19	28	16	26
Dividend paid	0	-32	-46	-60	-240	-240	-200
Taxes paid	-27	-32	-55	-80	-58	-19	-59
Capex	-91	-109	-104	-227	-170	-86	-53
Free Cash Flow	23	-115	317	41	48	-198	16
Proceeds from sale of property, plant and equipment	1	0	0	1	0	0	0
Other cash flows from operating activities	-5	-2	-7	-2	-3	-2	-1
Other cash flows from investing activities	9	46	124	67	-5	2	-173
Proceeds from financial liabilities	60	335	45	33	16	8	1
Repayments of financial liabilities	-106	-253	-80	-63	-82	-62	-23
Other cash flows from financing activities	0	3	3	0	-9	-9	0
FX gain/loss on cash and cash equivalents		42	22	132	147	0	37
Net decrease/increase in cash and cash equivalents	-30	57	424	210	113	-261	-144



ŞİŞECAM GROUP OVERVIEW



Şişecam at a Glance

~\$3 Billion Revenue

4,6 Million Tons Glass Production

2,3 Million Tons Soda Production

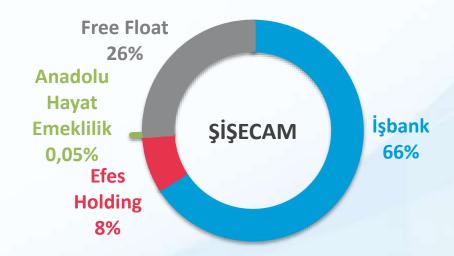
21.715 Employees Presence in 13
Countries

5th Flat Glass Producer Globally

3rd Glassware Producer Globally 5th Glass Packaging Producer Globally

10th Soda Ash Producer Globally Leader Producer in Basic Chromium Sulfate Globally

4th Chromic Acid Producer Globally





81 year of corporate history

~150 Export Countries

44 Production Plants

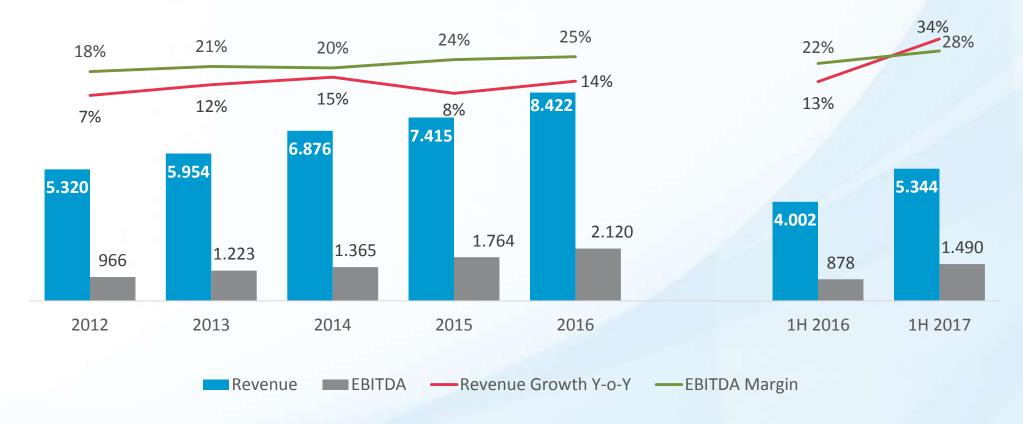
\$2,8 Billion Market Cap.

Listed Company since 1986

Key Financial Indicators

Sustained Growth in Revenue with Improving EBITDA Margin

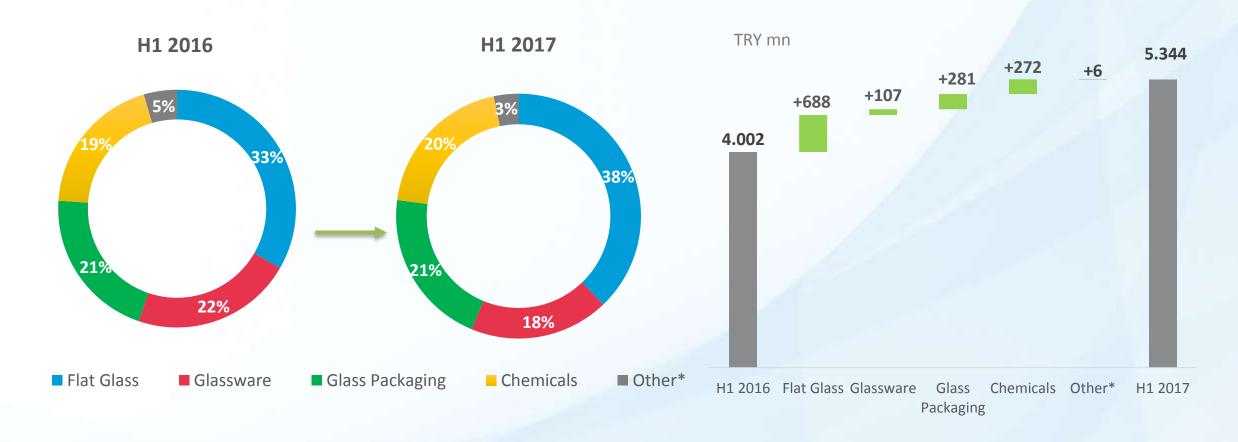
TRY mn





Financial Highlights - Revenue

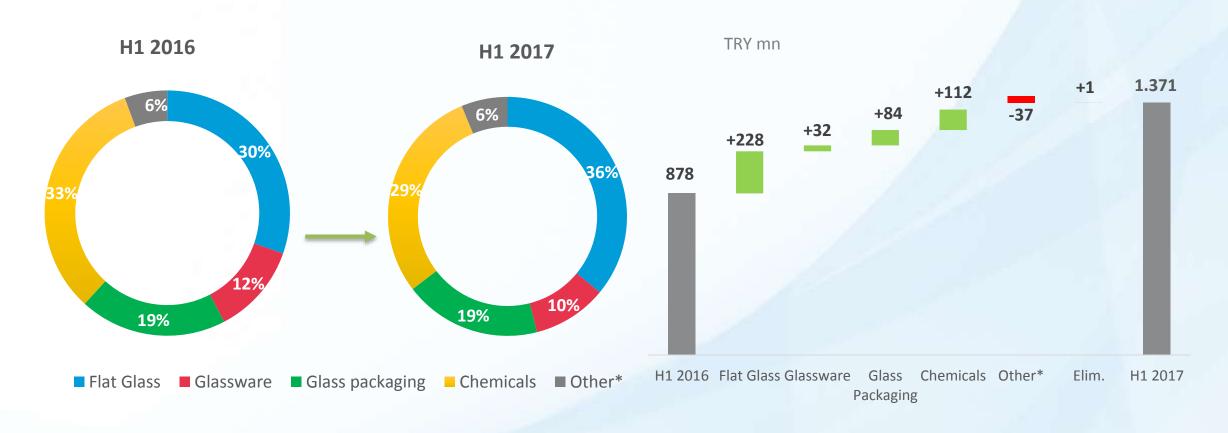
Segments' Contribution to Revenue





Financial Highlights - EBITDA

Segments' Contribution to EBITDA**



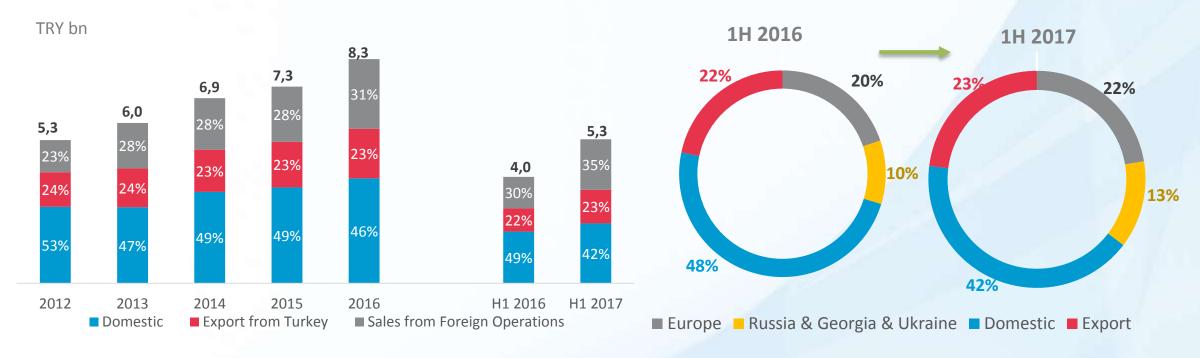


^{*}Consists of energy trade of Şişecam

^{**} Excluding income from revaluation gain from financial instruments, sale of Eskişehir Oluklu and Omco

Revenue & Cash Generation

Revenue by Geography

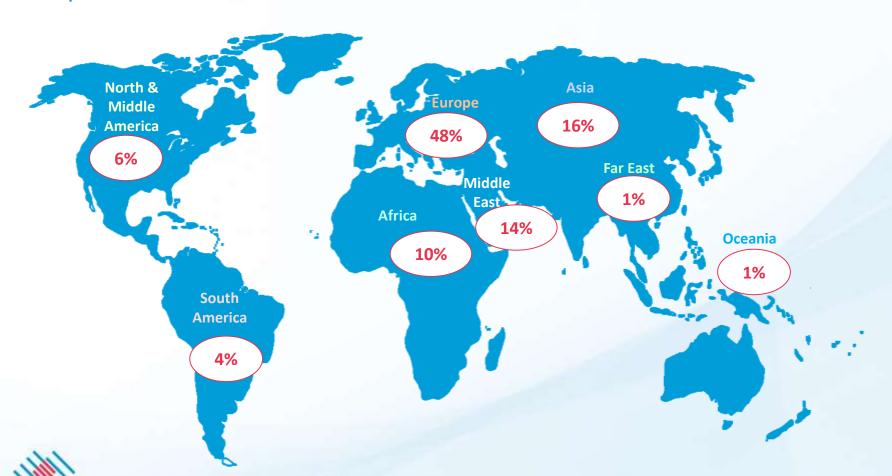




Revenue & Cash Generation

Exports from Turkey

Exports of USD 376 Million in 2017 H1 to 146 countries

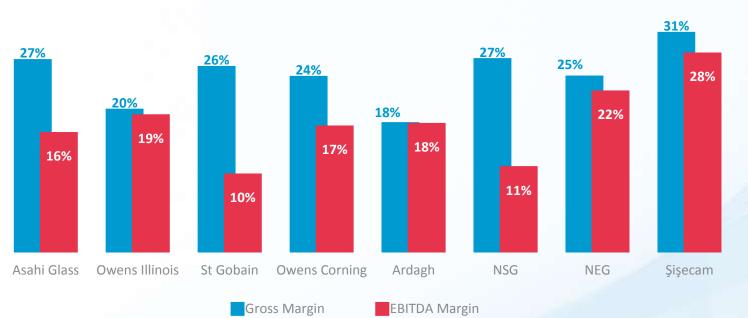


Top 10 Countries

Italy	14%
Egypt	6%
China	5%
USA	4%
UK	4%
France	4%
Bulgaria	4%
Lebanon	4%
Spain	3%
Germany	3%

Global Presence

Strong Global Player with Competitive Profitability

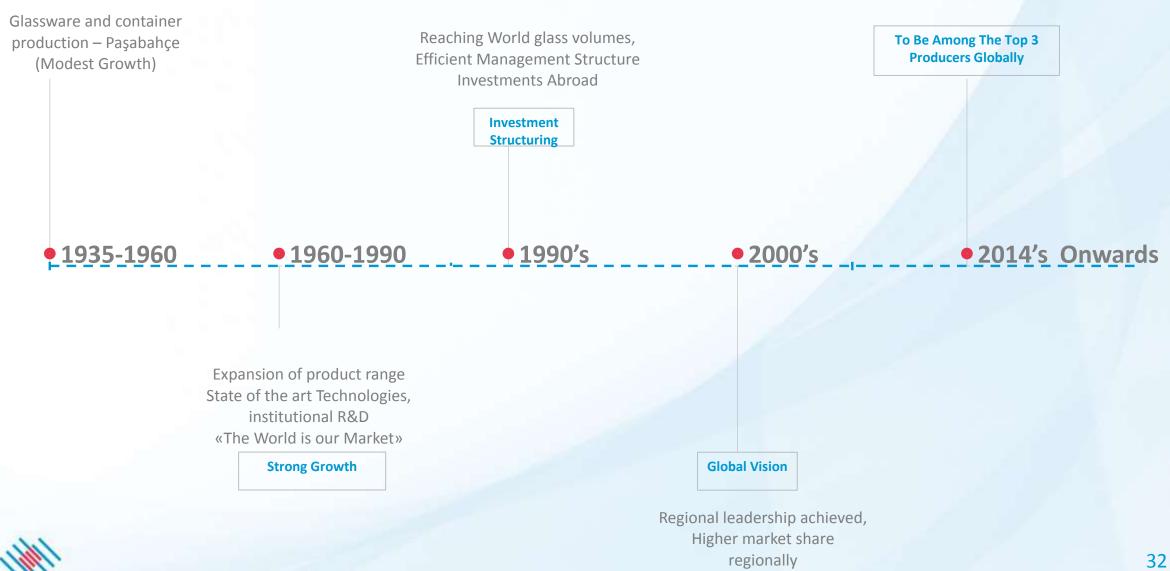


Glass Revenues' Share in Total

NEG	100%
Owens Illinois	100%
NSG	100%
Şişecam	77%
Owens Corning	32%
Asahi Glass	50%
Ardagh	40%
St Gobain	26%

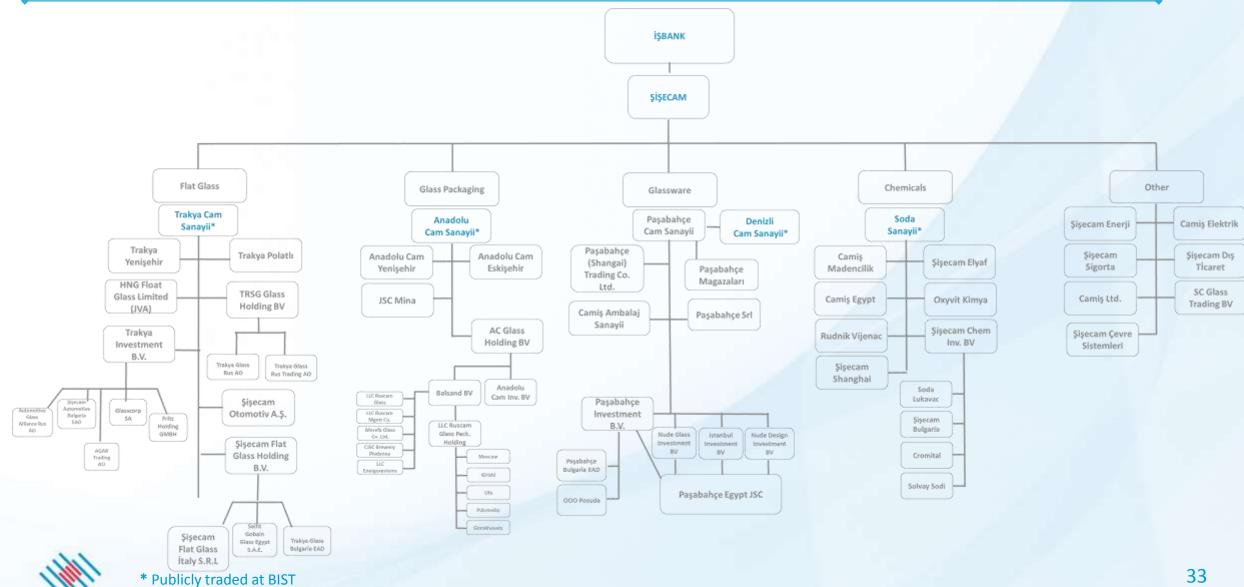


Şişecam History





Corporate Structure



Operating Territories

SISECAM GROUP PRODUCTION PLANTS IN TURKEY

SISECAM FLAT GLASS

Trakya Cam Sanayii A.Ş.

Trakya Plant - Kirklareli Mersin Plant - Mersin

Trakya Yenişehir Cam Sanayii A.S.

Yenisehir Plant - Bursa

Trakya Polatlı Cam Sanayii A.Ş. Polatlı Plant - Ankara

Şişecam Otomotiv A.Ş.

Sisecam Otomotiv Plant – Kirkdareli

ŞIŞECAM GLASSWARE

Paşabahçe Cam San, ve

Tic. A.Ş. Kırklareli Plant Eskisehir Plant

Eskisehir Plant

Denizli Cam San. ve Tic. A.S. Denizli Plant

Camiş Ambalaj Sanayil A.Ş. Tuzla Plant - İstanbul

Sanayi A.Ş. Eskişehir Plant

OMCO-İstanbul Kalıp San. ve Tic. A.S.

Anadolu Cam San. A.S.

Yenisehir Plant - Bursa

Anadolu Cam Eskisehir

Anadolu Cam Yenişehir San.

Mersin Plant

Gebze Plant - Kocaeli

SISECAM GLASS PACKAGING

Soda San. A.S.

Soda Plant-Mersin Kromsan Krom Bileşikleri Plant-Mersin

Camis Madencilik A.S.

Cities in Operation: Aydın, Balıkesir, Bilecik, İstanbul, Karabük, Kırklareli, Mersin

Cam Elyaf San. A.Ş. Gebze Plant-Kocaeli

Oxyvit Kimya San. ve Tic. A.Ş. Mersin Plant





Prudent Risk Management Policies

Leverage	Leverage with conservative NET DEBT / EBITDA levels
Liquidity	Maintain sufficient liquidity to meet short-term funding and finance equity portion of Capex
FX Position	FX position limited to +/- 25% of shareholder's equity
Counterparty	Not only a diversified relationship banks portfolio, but also access to international debt capital and loan markets at favorable rates.
Interest Rate	Balanced fixed and variable rate loan book
Derivatives	Limited to hedging only, no speculative trading



Credit & Corporate Governance Ratings

Credit Ratings

MOODY'S	LT FCY Rating	Ba1	Stable
S&P	LT FCY Rating	ВВ	Negative

Corporate Governance

Corporate Governance Rating of Sisecam was revised to 9,44 from 9,35 in December 2016.

As a Corporate Policy, Şişecam continues to strive for reaching the highest level of Corporate Governance practices, where its heritage of «good corporate governance practices» has already been evidenced by the recent rating received.

Sustainability remains at the core of operations and strategy, with continuously improved practices. http://www.sisecam.com.tr/en/sustainability/sustainability-reports



Social Responsibility

Energy Consumption Values by Source (GJ)								
	Natural Gas	LPG	Electricity	Anthracite	Other	TOTAL		
2013	46,871,900	42,000	3,934,600	3,348,800	36,500	54,233,800		
2014	48,940,700	39,700	4,010,600	3,267,300	19,400	56,277,700		
2015	46,429,900	44,700	3,863,600	3,203,100	69,200	53,610,400		
2016	46,943,100	27,700	3,917,700	4,497,700	77,200	55,463,400		



Sustainable Energy Measurement and Tracking System

By means of the on line energy monitoring system (SEOI5), which was established in line with our global targets, main energy consumption litems at 16 facilities instantaneously monitored and facilities can be compared based on the energy consumption at Headquarters. With the instant measurements, a significant database is generated in relation to energy consumption which allows on line system failures and/or low performance monitoring and requesting immediate remediation to ensure optimum performance and productivity.



ORC Waste Heat Recovery

"Organic Rankine Cycle (ORC) Waste Heat Recovery (WHR)" technology was approved as the most suitable waste heat recovery technologies and it was decided to beimplement in 3 plants with glass melting processes.

Trakya Glass Mersin ORC waste heat recovery (WHR) facility, which has the highest energy recovery potential, was completed in 2016, in December 2016, the preiminary tests of the plants were performed with a potential of 4.2 MWh electricity generation. The maximum electricity production capacity of this facility is 4.82 MWh, With the waste heat recovery implemented at the factories, the electricity demand supplyied from grid will be reduced by around 35–40% annually. ORC WHR at its maximum capacity results in o 16,500 tons of CO₂ ennual reduction.

Affiliaritation - Anna between five to ten acres within the lates of the Groups backlets are not ability as finest alies while bipocan hierarchic fereits are also being a finest alies while bipocan hierarchic fereits are also being conducts operations. To the sinst Lane, Platherich A.5 beautic a Dancare Hermonal Front this has reached. Also pures (2000 dances) in a Lameraphina of thereached in Hermanical Color dances in a Lameraphina of thereached in Hermanical Color dances. The accordance is a Lameraphina of the Hermanical Color dance in the Special Color dances are found to the special provided the Color dances are found to the special provided the Color dances. The second three destances. There are approximately 6,000 these and suppress on the particular, results 2000 of the Hermanical Color dances. The second color dances are color dances and color dances are found to the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region. Effects to set people forms of the Persian region.

Speciam Group provides Education incombine behoving to its employees and their challen who attend school, Under the program, Speciam sweeted scholarships totaling TRY 1.678,343 to staff and their challen is 2016.



Glass and Glass Again on Social Media!

Facebook and instagram accounts of Glass and Glass Agein were opened in the reporting period. Information regarding commisseably activities are shared and questions of locuers regarding recycling are answered through the social media accounts, where we also provide information regarding glass recycling.

Instagram /Cam/veridenCamPropris Facebook /Camyersdencam



"Green Point Industry Award" for Glass and Glass Again

Sisecam Group was deemed worthy of the Green Point Industry. Award, organized by CEVRO Foundation for the third time this year, in the category of "Environment Themed Social Responsibility Practices" for the studies conducted with "Class and Class Again" project. Speciare strough Caphresis squerts CNAP - The Cophresis sports Child wear inspeciary invanidation by Speciare marks the narrier Caphresis states (Sports CNA) with the objection of attracting eventy pression to protein exist contributions to the objection and moral development of protein through sports activates. After leaving started operators, all the Cophresis Sports in States compare in SSES, ill determed helenated chall status from the Central Directions of Worth and Sport in SSEA. Project for the Protection of Kalamis Sea Turbs Population—The Kalami could be Meran province stands call as one of the workfix treat important spaceau, areas of endangered ear fairthe species. Under the Project for the investigation, Examination and Protection of the Populations of Kalamis Sea Turbin in Merain Province, copyring stock 2007 in cooperation with Sode Sandyri A.S. and Sensin Lawesty, protection is provided for the resting situe of the endangered specker "Caretta Caretta" and "Chessina Mydas" further. Thanks to this sance 2007, with 1,705 sea turbs near recorded in 2011—an all-time high in addition, as part of the others to raise assumess, the Company educated the local population on the satisfact while carrying out institutions to protect the endangered are further.



Şişecam Group listed on the "BIST Sustainability Index" of Istanbul Stock Exchange

Sisecam Group is listed on the "BIST Sustainability Index", which includes companies traded on Istanbul Stock Exchange with a high sustainability performance and is aimed at enhancing sustainability understanding, knowledge and practices among Istanbul Stock Exchange companies in Turkey.



As \$isecam Group, we have been participating in CDP Climate Change program since 2011 and CDP Supply Chain program since 2012. \$isecam was one of the 50 companies joining the platform from Turkey in 2016.



Disclaimer

This information in this document has been obtained by Soda Sanayii A.Ş. from sources believed to be reliable, however, Soda Sanayii A.Ş. cannot guarantee the accuracy, completeness, or correctness of such information. This document has been issued for information purposes only. The financial reports and statements announced by Soda Sanayii A.Ş. to the public and the relevant corporations are accepted to be the sole material. Soda Sanayii A.Ş. does not accept any liability whatsoever for any direct or consequential loss arising from any use of this document or its contents due to the misleading information in this document. All estimations contained in this document are the opinions of Soda Sanayii A.Ş. and can be subject to change without notice. This document cannot be interpreted as an advice to the investors and Soda Sanayii A.Ş. cannot be held responsible for the results of investment decisions made on account of this document. This document has been issued specially to the person, whom the document is concerned and may not be reproduced, distributed or shared with third parties for any purpose.

FX Rates

	2012	2013	2014	2015	2016	H12016	H12017
USD/TL							
Period End	1,78	2,13	2,32	2,91	3,52	2,89	3,51
Period Average	1,79	1,90	2,19	2,72	3,02	2,92	3,64
EUR/TL							
Period End	2,35	2,94	2,82	3,18	3,71	3,20	4,00
Period Average	2,30	2,53	2,90	3,02	3,34	3,26	3,93



Soda Sanayii A.Ş. Şişecam Genel Merkezi D-100 Karayolu Cad. No:44A 34947 Tuzla/İstanbul Turkey

Tel: (+90) 850 206 50 50 Fax: (+90) 850 206 40 40

Contact Details

Görkem Elverici, Chief Financial Officer

gelverici@sisecam.com Tel: (+90) 850 206 3885

Başak Öge, Investor Relations Director

boge@sisecam.com Tel: (+90) 850 206 3262

Investor Relations Team

SC_IR@sisecam.com

Hande Özbörçek Kayaer

hozborcek@sisecam.com Tel: (+90) 850 206 3374

Sezgi Eser Ayhan

<u>seayhan@sisecam.com</u> Tel: (+90) 850 206 3791

