

# **ŞİŞECAM** CHEMICALS

4Q 2018 SODA SANAYİİ Investor Presentation



# Contents



### Soda Sanayii A.Ş.

**Operational Results & Financial Performance** 



24

**Chemicals Business Segment Overview** 





### Şişecam Group Overview

# SODA SANAYİİ A.Ş. OPERATIONAL RESULTS &

# FINANCIAL PERFORMANCE



### **Key Financial Indicators**

#### TRY mn





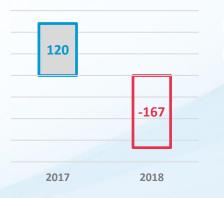
Gross Profit







Free Cashflow



٠

٠

#### 4Q 2018 Highlights

- YoY change in consolidated sales volume a) up by 1% in soda chemicals b) up by 4% in chromium chemicals
- 1% rise in USD in soda products' average per ton prices and strong pricing in chromium chemicals
- 25%-75% split between domestic and international revenues
- 10% share of intra-group revenues in consolidated topline
- Modernization, energy saving and raw material supply investments continued in line with the sustainable growth strategy in place
- New glass fiber facility became online in January 2019
- USD 1,4bn Market capitalization as of January 25th and 3month average daily trading volume of 6,1mn shares

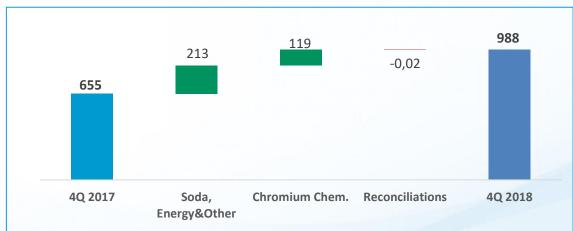


Important Notice: Şişecam and its Group Companies Soda Sanayii and Anadolu Cam were reporting third party logistic expenses by deducting from gross revenues. Starting from 4Q 2017, these expenses are now booked under S&M expenses. 4Q 2017 financial statements were restated accordingly

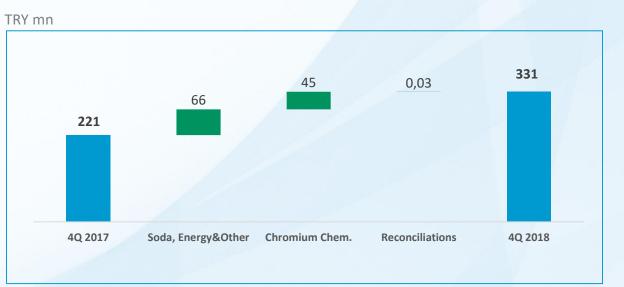
### **Key Financial Indicators**

#### Revenue Contributions by Geography & Business Segments





#### **Gross Profit Contributions by Business Segments**





### Soda Sanayii – Financial Results

TRY mn

25%

26%

32%

27%

23%

28%

33%

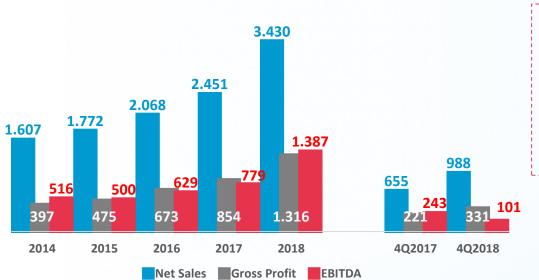
26%

30%

35%

26%

32%



38%

36%

40%

34%

32%

37%

34%

6%

10%

#### **Consolidated Financial Results**

**EBITDA Margins Adjusted to One-off Gains** 

#### Adjustments;

- 2014: TRY 92,7mn (sale of two subsidiaries; Dost Gaz & Asmaş and Paşabahçe shares)
- 2015: TRY 0,4mn (sale of Denizli Cam shares)
- 2016: TRY 13,5mn (Revaluation gain on Eurobond investments)
- 2017: TRY 43mn (Revaluation gain on Eurobond investments)
- 2018: TRY 240 mn (Revaluation gain and provision for potential losses on Eurobond investments)
- 4Q2017: TRY 40 mn (Revaluation gain on Eurobond investments)
- 4Q2018: TRY 104mn (Revaluation loss and provision for potential losses on Eurobond investments)





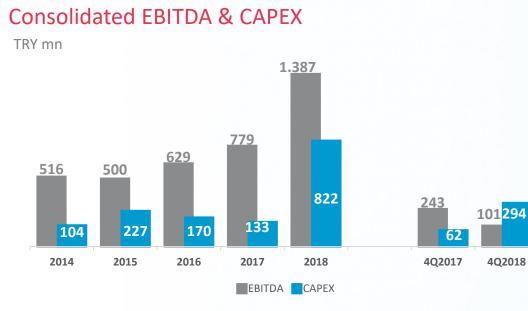
**Gross Margin** 

**EBIT Margin** 

**EBITDA Margin** 

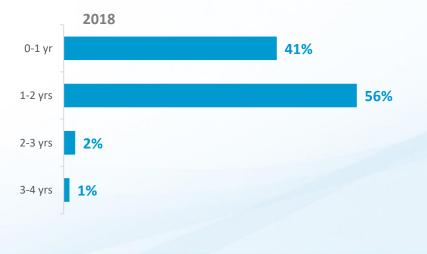
6

### Soda Sanayii – Financial Results



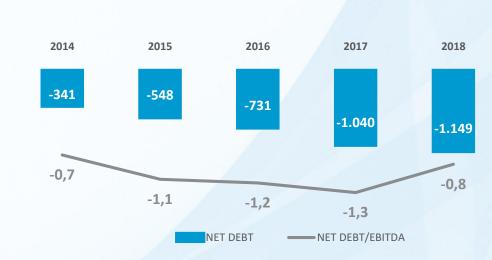
#### Maturity Breakdown of Debt

SISECAM



#### **Consolidated EBITDA & NET DEBT**

TRY mn





2018



### Soda Sanayii – Operational Results



#### **Chromium Chemicals Sales Breakdown**

Soda Production Breakdown

K Tons

SISECAM

K Tons



#### Soda Sales Breakdown

K Tons



#### Soda Sanayii Consolidated Revenues Breakdown

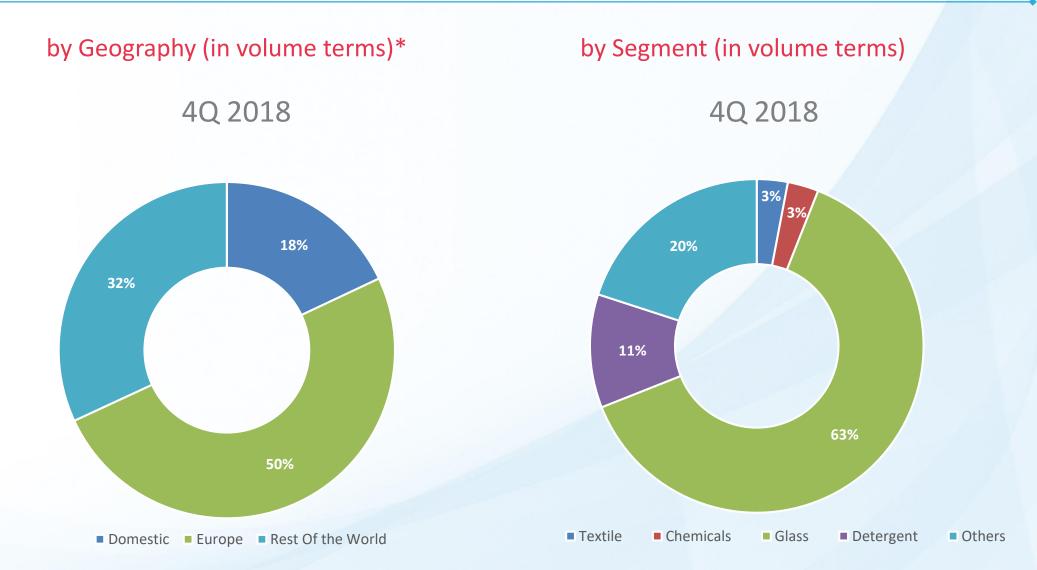
TRY mn



8

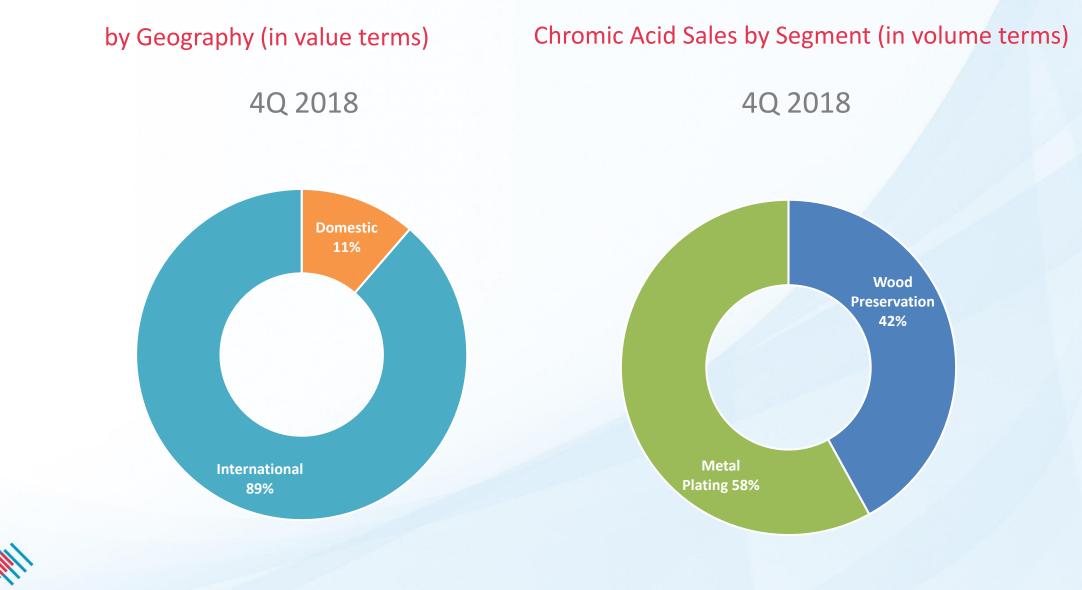
\*International Sales include sales from foreign operations + export from foreign operations + export from Turkey

### Soda Sanayii – Soda Sales Breakdown





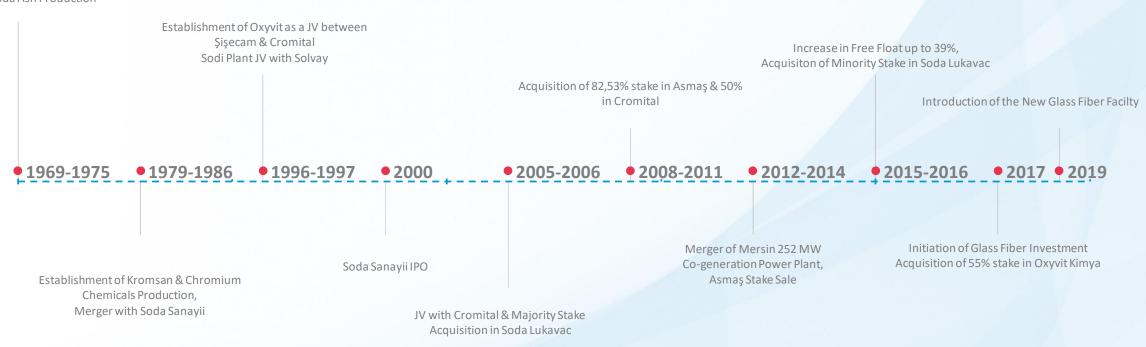
### Soda Sanayii – Chromium Sales Breakdown



SISECAM

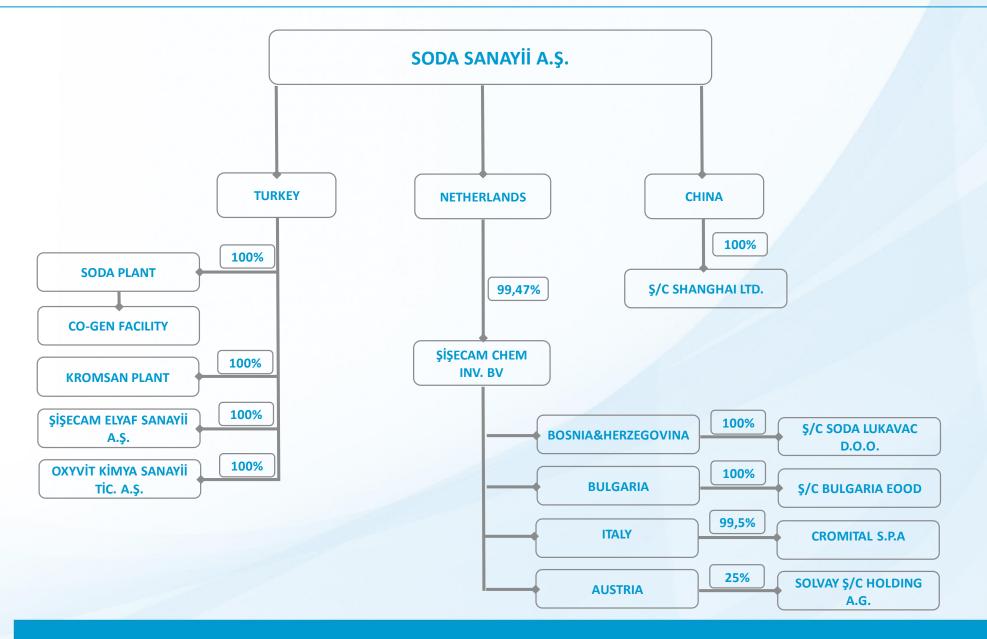
### Soda Sanayii History

Establishment of Soda Sanayii and Soda Ash Production





#### **Corporate Structure**





12

### 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
- Support profitability by cost optimization and operational efficiency.
- Increase competetitive power
- Continue to expand geographically
- Create synergies from acquisitions and strategic partnerships
- Partnership approach and reliable solution provider for customers

#### **SUSTAINABILITY**

Soda Sanayii published 2017 sustainability report



http://www.sisecamkimyasallar.com/sites/catalogs/en/Documents/surdurulebilirlik-raporlari/SodaSan\_SR2017\_ENG\_13082018.pdf

### **Competitive Advantage**

| The New Steam Generation<br>Facility in Mersin   | <ul> <li>The new steam generation facility, operational since the beginning of 2017, continues to provide cost<br/>saving</li> </ul>  |
|--|---|
| Long Term Raw Material<br>Reserves Near Mersin   | <ul> <li>Soda Sanayii has secured its long term limestone and brine reserves near the facility in Mersin</li> <li>Aiming to provide a sustainable raw material supply, investments in new salt fields continue</li> </ul>   |
| Co-location with Şişecam's<br>Glass Packaging and Flat<br>Glass Plant and Rail<br>Access within Turkey | <ul> <li>Soda Sanayii Production facilities are located in close proximity to Trakya Cam, Anadolu Cam and<br/>Paşabahçe, other key Şişecam Group companies. This provides low transportation costs, short<br/>delivery times and continuous product supply</li> </ul>   |
| Cost Efficient Exports<br>Through Mersin Port  | <ul> <li>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 in export sales</li> </ul>  |
| On the Ground Presence<br>and Access to European<br>Markets  | <ul> <li>SSL Plant (Bosnia &amp; Herzegovina): The location and level of supply in the European market enables Soda Sanayii to compete with European soda producers</li> <li>Sodi (Varna-Bulgaria): Close proximity to Şişecam's Flat Glass and Glassware plants in Targovishte-Bulgaria enables low transportation costs, short delivery times and continuous supply capabilities</li> <li>Cromital S.p.A: With its Cromital plant in Italy, Soda Sanayii maintains its leading position in Europe in</li> </ul> |
|  | the production and selling of liquid and dust basic chromium sulphate   |

14

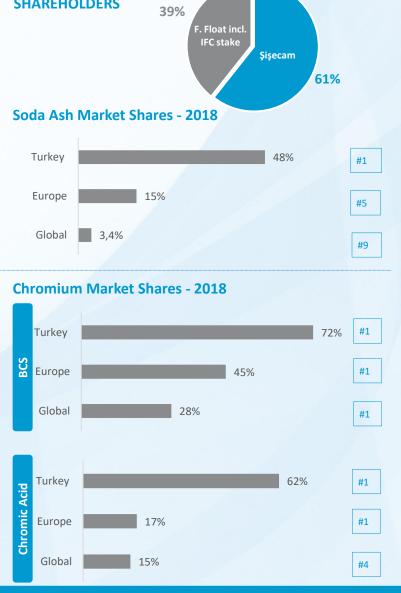
# CHEMICALS BUSINESS SEGMENT OVERVIEW

SISECAM

### Chemicals – Soda Sanayii

SISECAM

#### **SHAREHOLDERS 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 + 85 countries around the World **Bulgaria Turkey – Mersin Plants** Mersin Soda Plant: 1,4 Million tons / year Solvay Sodi (JV with SOLVAY;25%) Kromsan Chromium Compounds Plant: Chromic Turkey **Şişecam Bulgaria** Acid 24, Basic Chromium Sulfate 119, Sodium **Bosnia and Herzegovina** 375K tons / year Dichromate 105K tons Soda Lukavac Oxyvit: MSB 800, SMBS 16K tons / year Europe -----585K tons / year Global 300 Turkey BCS Europe China Şişecam Shanghai Global Italy Cromital 8,8K tons / year powder BCS Turkey Acid Chromic Europe Global

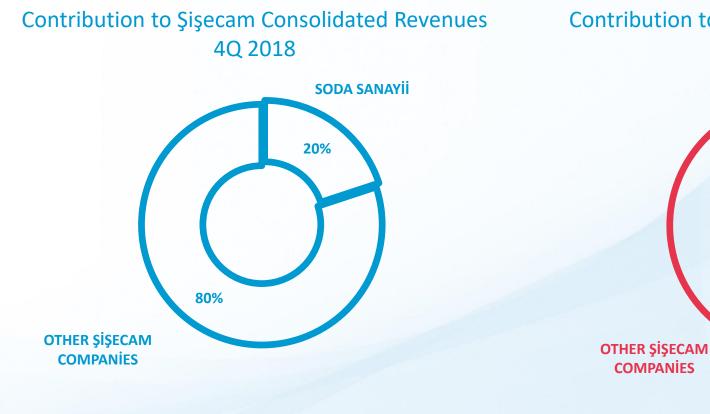


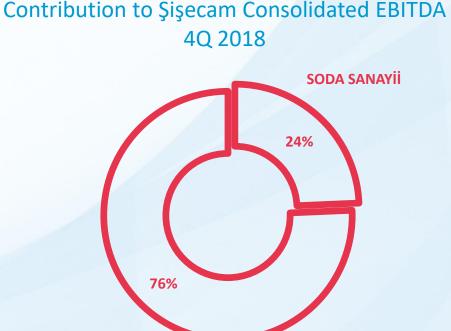
16

### Chemicals – Soda Sanayii

#### In 4Q 2018, Chemicals Segment accounted for 21% of Şişecam revenues and 28% of its adjusted EBITDA

Soda Sanayii's contribution to Şişecam revenues with its non-group sales was 20%, while its adjusted EBITDA accounted for 24% of the group's consolidated and adjusted EBITDA figure



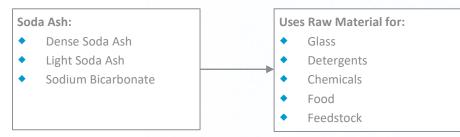


SISECAM

### Soda Ash Market

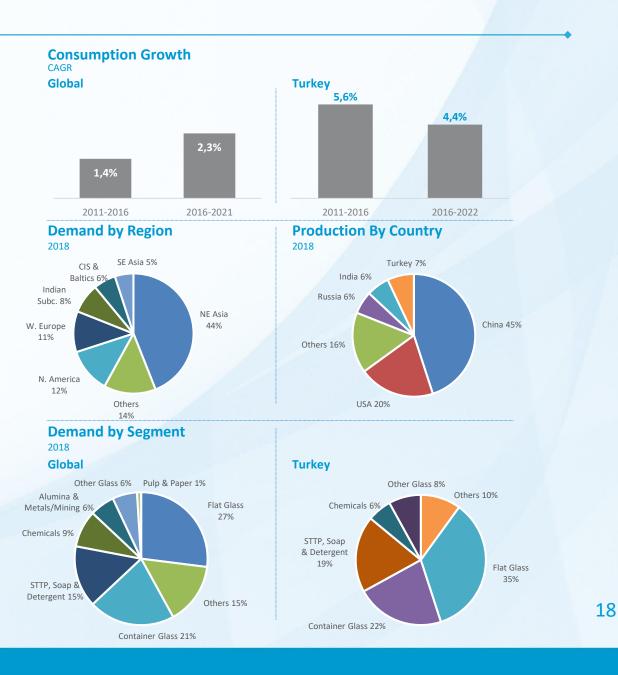
#### **Industry Dynamics**

- 58,2 Million tons global production & demand globally as of 2018
- 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 and capacity closures in China leading to strong demand and price increases in Asia Pacific region
- Average global capacity utilization rate at 83%







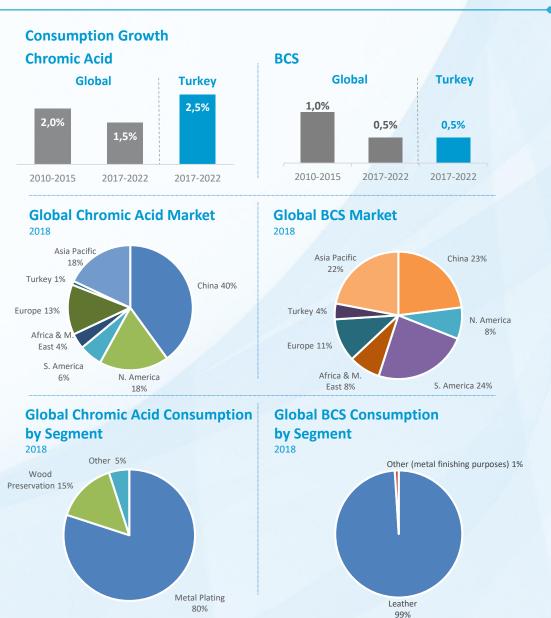


### **Chromium Market**

#### **Industry Dynamics**

- 392K tons Basic Chromium Sulphate ("BCS") global market, 153K tons Chromic Acid global market
- Demand drivers: leather, automotive, construction, wood preservation
- Largest consumers are China and Brazil
- Global capacity utilization of BCS at 57% and Chromic Acid at 64%







# Appendix

IMM ŞİŞECAM

### **Summary Financials**

| BALANCE SHEET (TRY mn)         | 2016  | 2017  | 2018  | YoY Change |
|--------------------------------|-------|-------|-------|------------|
| Total Assets                   | 3.317 | 3.881 | 6.369 | 64%        |
| Cash & Cash Equivalents        | 971   | 783   | 1.193 | 52%        |
| Financial Assets               | 108   | 552   | 750   | 36%        |
| Trade Receivables              | 412   | 480   | 736   | 53%        |
| Inventories                    | 204   | 240   | 320   | 34%        |
| Equity-Pickups                 | 281   | 328   | 413   | 26%        |
| Property, plant and equipment  | 1.209 | 1.295 | 2.094 | 62%        |
| Intangible assets              | 17    | 32    | 152   | 372%       |
| Tax & Deferred Tax Assets      | 15    | 5     | 373   | 7490%      |
| Other*                         | 99    | 165   | 335   | 103%       |
| Total Liabilities              | 714   | 688   | 1.500 | 118%       |
| Interest Bearing Liabilities   | 293   | 313   | 542   | 73%        |
| Trade Payables                 | 236   | 276   | 447   | 62%        |
| Provisions                     | 33    | 44    | 62    | 41%        |
| Tax & Deferred Tax Liabilities | 30    | 19    | 54    | 191%       |
| Other**                        | 122   | 37    | 395   | 979%       |
| Equity                         | 2.603 | 3.192 | 4.869 | 53%        |
| Equity holders of the parent   | 2.599 | 3.188 | 4.863 | 53%        |
| Minority Interest              | 4     | 5     | 6     | 39%        |

\*Other Receivables, Prepaid Expenses, Other Current & Non-Current Assets

\*\*Other Payables, Deferred Income



21

### **Summary Financials**

| INCOME STATEMENT (TRY mn)     | 2016   | 2017   | 1Q 2018 | 1H 2018 | 9M 2018 | 2018   | YoY Change |
|-------------------------------|--------|--------|---------|---------|---------|--------|------------|
| Revenue                       | 2.068  | 2.451  | 701     | 1.485   | 2.443   | 3.430  | 40%        |
| Cost of Goods Sold            | -1.395 | -1.597 | -441    | -935    | -1.458  | -2.114 | 32%        |
| Gross Profit                  | 673    | 854    | 260     | 550     | 985     | 1.316  | 54%        |
| Research and development      | -8     | -3     | -1      | -2      | -3      | -4     | 49%        |
| Sales and marketing           | -178   | -291   | -87     | -181    | -296    | -398   | 37%        |
| General and administrative    | -70    | -80    | -22     | -48     | -74     | -107   | 34%        |
| Other income (expense), net   | 29     | 28     | 18      | 51      | 149     | 110    | 290%       |
| Income from Equity Pick-ups   | 72     | 92     | 19      | 43      | 69      | 91     | -1%        |
| Impairment Gain/Loss          |        |        |         | -5      | -9      | -18    |            |
| Income/Expense from Investing |        |        |         |         |         |        |            |
| Activities                    | 14     | 43     | 34      | 132     | 354     | 248    | 479%       |
| EBIT                          | 531    | 643    | 221     | 541     | 1.175   | 1.237  | 92%        |
| EBITDA                        | 629    | 779    | 256     | 612     | 1.287   | 1.387  | 78%        |
| Financial Income, net         | 113    | 88     | 43      | 134     | 339     | 231    | 164%       |
| Income before Tax             | 645    | 731    | 264     | 674     | 1.515   | 1.468  | 101%       |
| Tax Expense, net              | -68    | -69    | -25     | -17     | -39     | 89     | -229%      |
| Net income                    | 577    | 662    | 239     | 657     | 1.475   | 1.557  | 135%       |
| Net income after Minority     |        |        |         |         |         |        |            |
| Interest                      | 576    | 661    | 239     | 657     | 1.475   | 1.556  | 135%       |
| Minority Interest             | 0,8    | 0,9    | 0,2     | 0,4     | 0,7     | 0,9    | 1%         |
| Earnings per share (TL):      | 0,576  | 0,661  | 0,239   | 0,657   | 1,475   | 1,556  | 135%       |



### **Summary Financials**

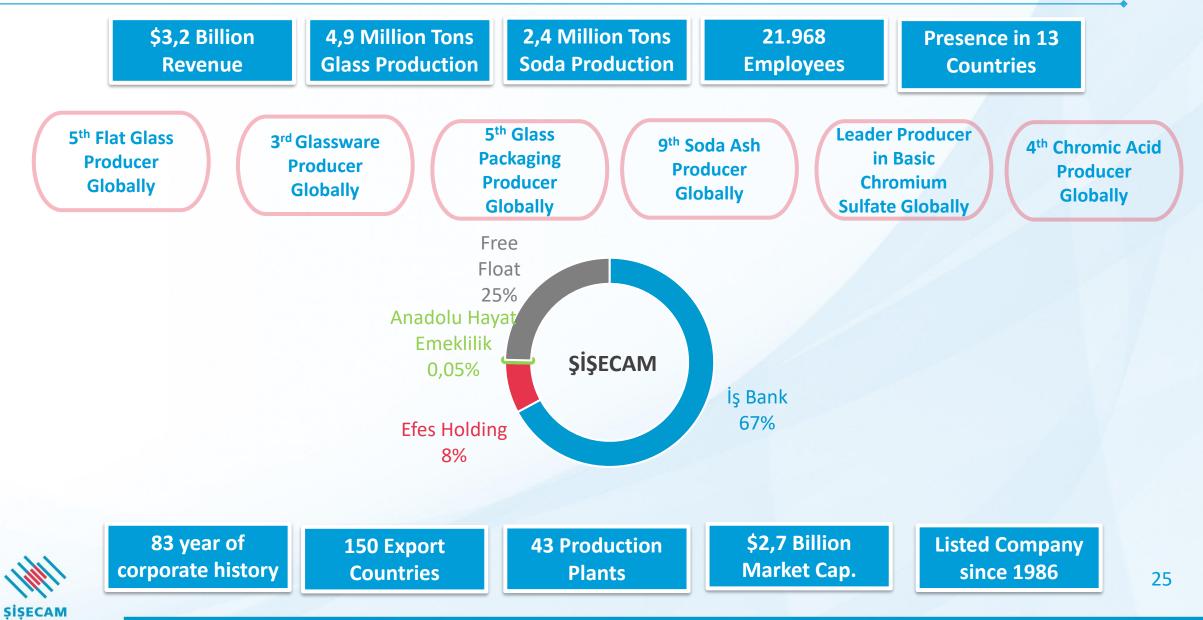
| CASH FLOW STATEMENT (TRY mn)                        | 2013 | 2014 | 2015 | 2016 | 2017 | 2018  |
|---|------|------|------|------|------|-------|
| Net Profit  | 208  | 388  | 441  | 577  | 662  | 1.557 |
| Non-cash  | 58   | -21  | -14  | -56  | -27  | -559  |
| Operating cash flows provided before changes w/c    | 266  | 367  | 427  | 521  | 635  | 998   |
| Change in w/c                                       | -207 | 149  | -24  | -12  | -135 | 81    |
| Cash flows from operating activities                | 59   | 515  | 403  | 509  | 500  | 1.079 |
| Interest paid                                       | -12  | -13  | -14  | -21  | -20  | -42   |
| Interest received                                   | 11   | 20   | 19   | 28   | 55   | 95    |
| Dividend paid                                       | -32  | -46  | -60  | -240 | -201 | -226  |
| Taxes paid  | -32  | -55  | -80  | -58  | -81  | -252  |
| Сарех   | -109 | -104 | -227 | -170 | -133 | -822  |
| Free Cash Flow                                      | -115 | 317  | 41   | 48   | 120  | -167  |
| Proceeds from sale of property, plant and equipment | 0    | 0    | 1    | 0    | 0    | 1     |
| Other cash flows from operating activities          | -2   | -7   | -2   | -3   | -4   | -4    |
| Other cash flows from investing activities          | 46   | 124  | 67   | -5   | -394 | 131   |
| Proceeds from financial liabilities                 | 335  | 45   | 33   | 16   | 32   | 175   |
| Repayments of financial liabilities                 | -253 | -80  | -63  | -82  | -51  | -60   |
| Other cash flows from financing activities          | 3    | 3    | 0    | -9   | -2   | 0     |
| FX gain/loss on cash and cash equivalents           | 42   | 22   | 132  | 147  | 111  | 329   |
| Net decrease/increase in cash and cash equivalents  | 57   | 424  | 210  | 113  | -188 | 404   |

ŞİŞECAM

**ŞİŞECAM GROUP OVERVIEW** 

ŞİŞECAM

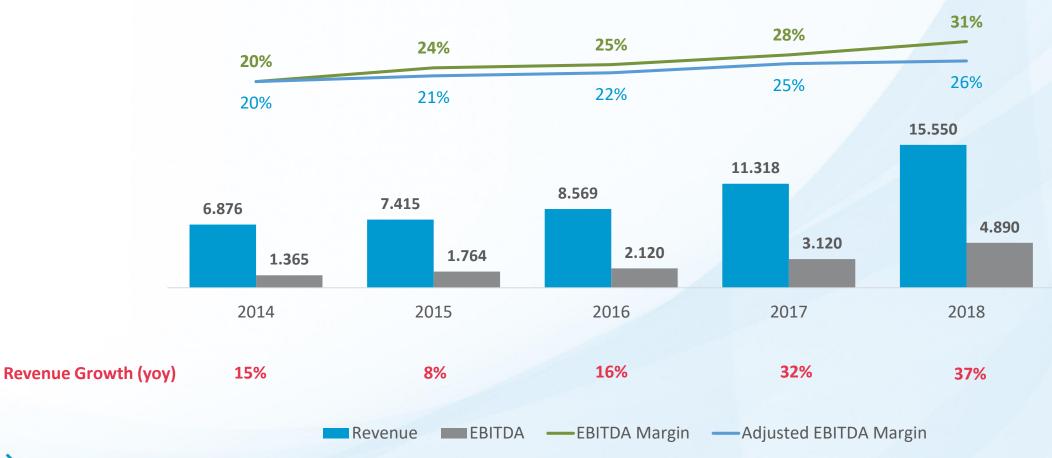
### Şişecam at a Glance



### **Financial Highlights**

### Sustained Growth in Revenue with Improving EBITDA Margin

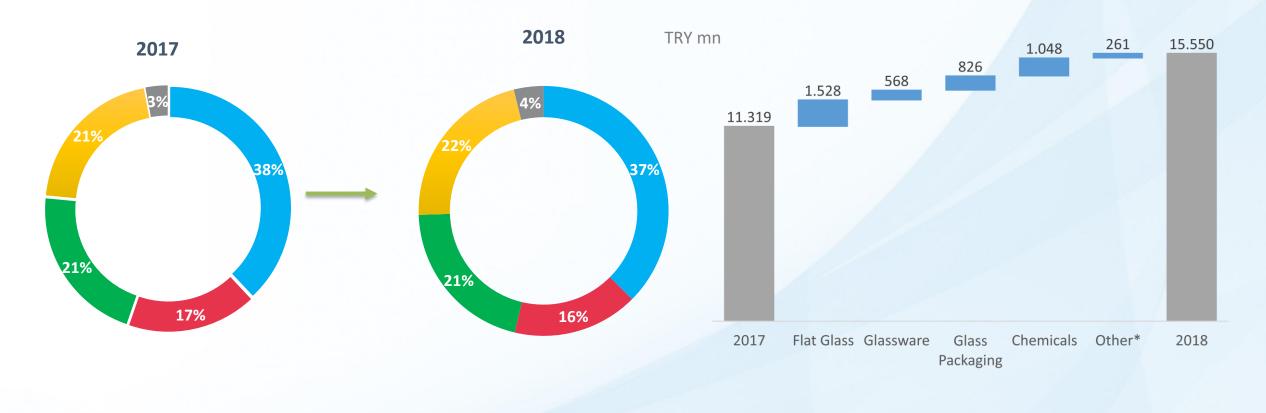
TRY mn





### **Financial Highlights - Revenue**

#### Segments' Contribution to Revenue

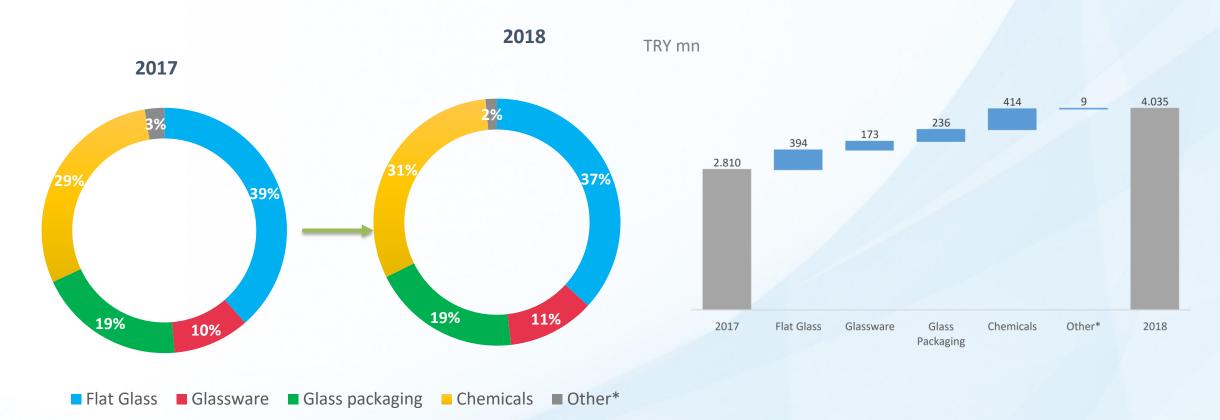


■ Flat Glass ■ Glassware ■ Glass Packaging ■ Chemicals ■ Other\*



### **Financial Highlights - EBITDA**

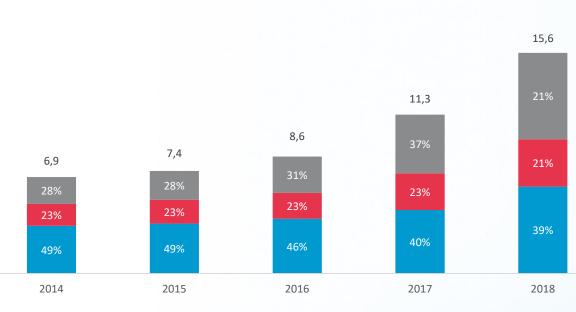
#### Segments' Contribution to EBITDA\*\*

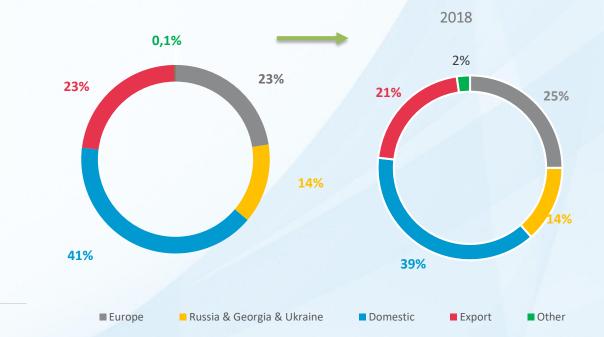




#### **Revenue & Cash Generation**

#### Revenue by Geography





■ Domestic ■ Export from Turkey ■ Sales from Foreign Operations



TRY bn

### **Revenue & Cash Generation**

#### Exports from Turkey

#### Exports of USD 757 Million in 2018 to 150 countries

#### **Top 10 Countries**

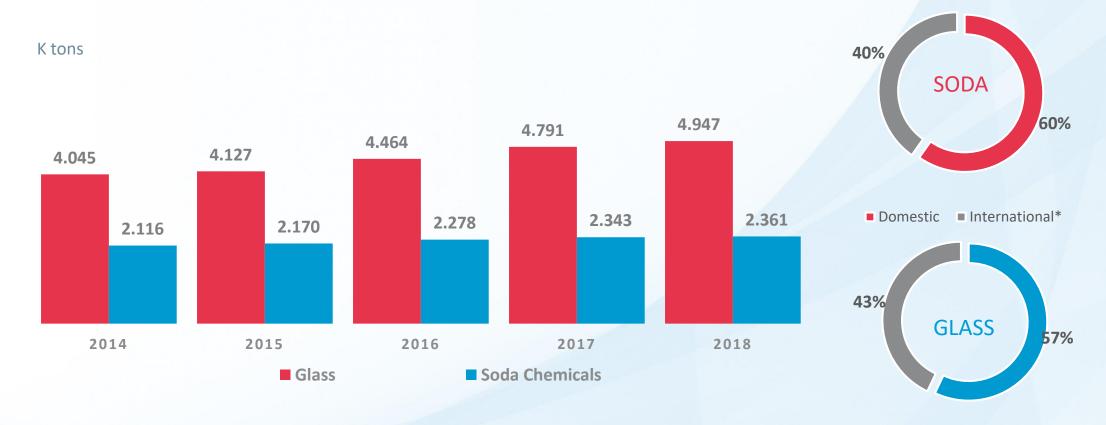
| Norti              |                  | -      | Europe                | Asia            |         |   |
|--------------------|------------------|--------|-----------------------|-----------------|---------|---|
| Mide<br>Amer<br>7% | rica             |        | 50%                   | 11%<br>Far East |         |   |
|                    |                  | Africa | Middle<br>East<br>14% | 1%              | Oceania | a |
|                    | South<br>America |        |                       | . 1             | 1%      |   |
|                    | 6%               |        |                       |                 |         |   |
|                    |                  |        |                       |                 |         |   |

| Italy          | 14% |
|----------------|-----|
| Egypt          | 7%  |
| France         | 4%  |
| USA            | 4%  |
| Bulgaria       | 4%  |
| Germany        | 4%  |
| Lebanon        | 4%  |
| United Kingdom | 3%  |
| Saudi Arabia   | 3%  |
| Spain          | 3%  |



### **Operational Excellence**

#### Increasing Production In Line with Capex Undertaken



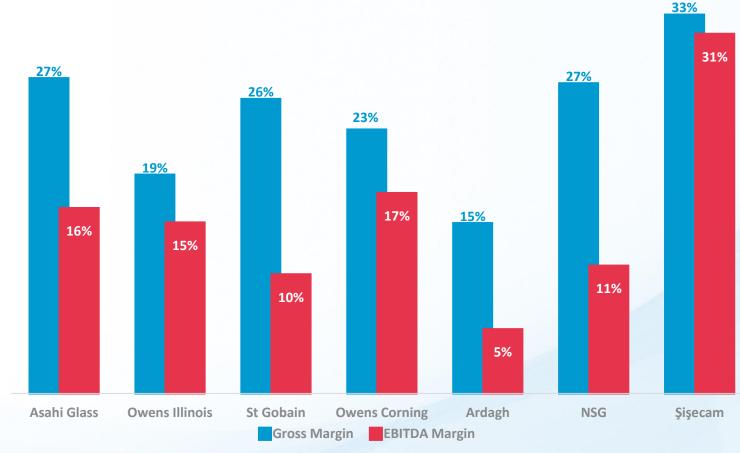
Domestic International\*



\*Production numbers are adjusted with fully consolidating HNG operations retrospectively

### **Global Presence**

#### Strong Global Player with Competitive Profitability

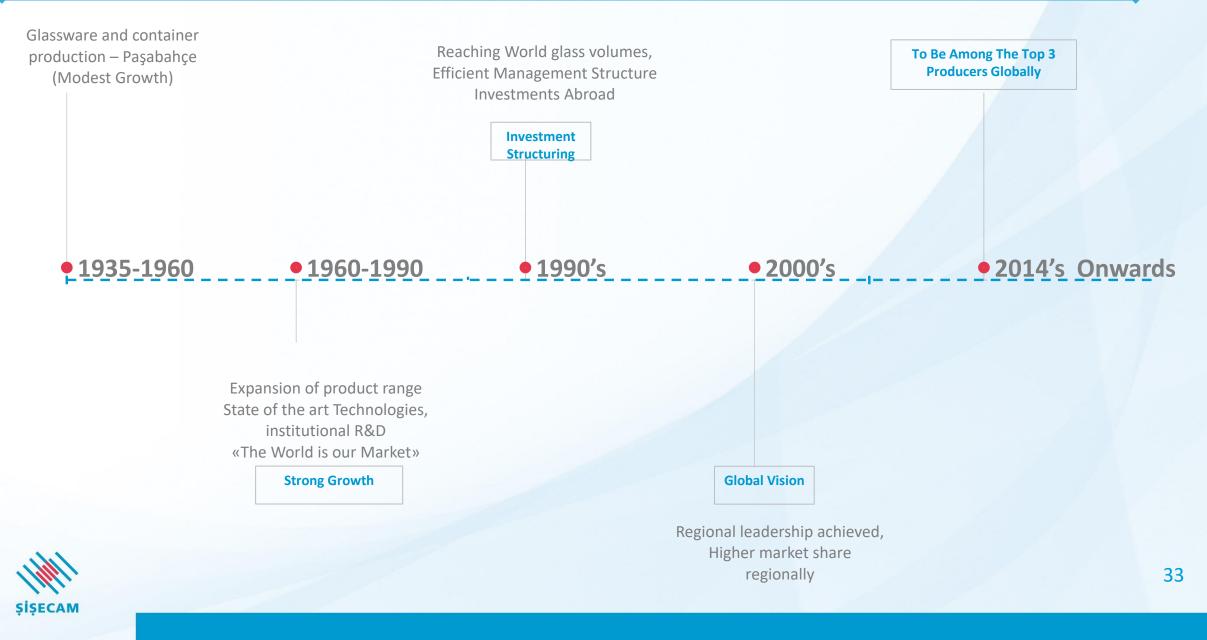


| Glass Revenues | Share in Total |
|----------------|----------------|
| Owens Illinois | 100%           |
| NSG            | 100%           |
| Şişecam        | 74%            |
| Asahi Glass    | 50%            |
| Ardagh         | 36%            |
| St Gobain      | 14%            |

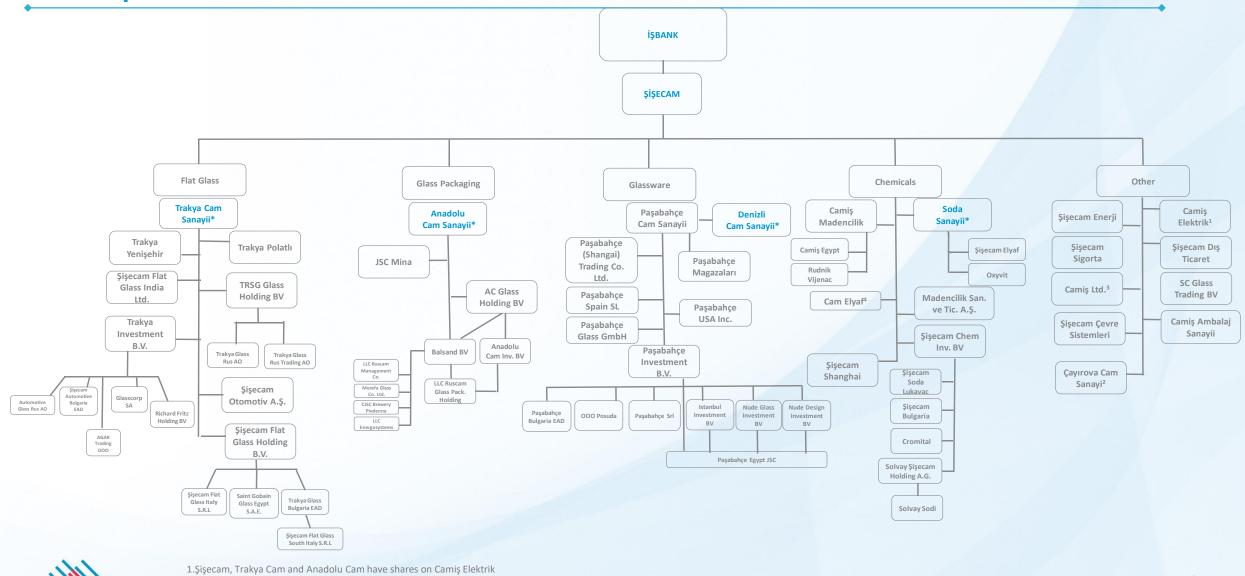


Calculations except Sisecam were made based on 2018 9M financials Sources: Bloomberg & Company Websites

### Şişecam History



#### **Corporate Structure**

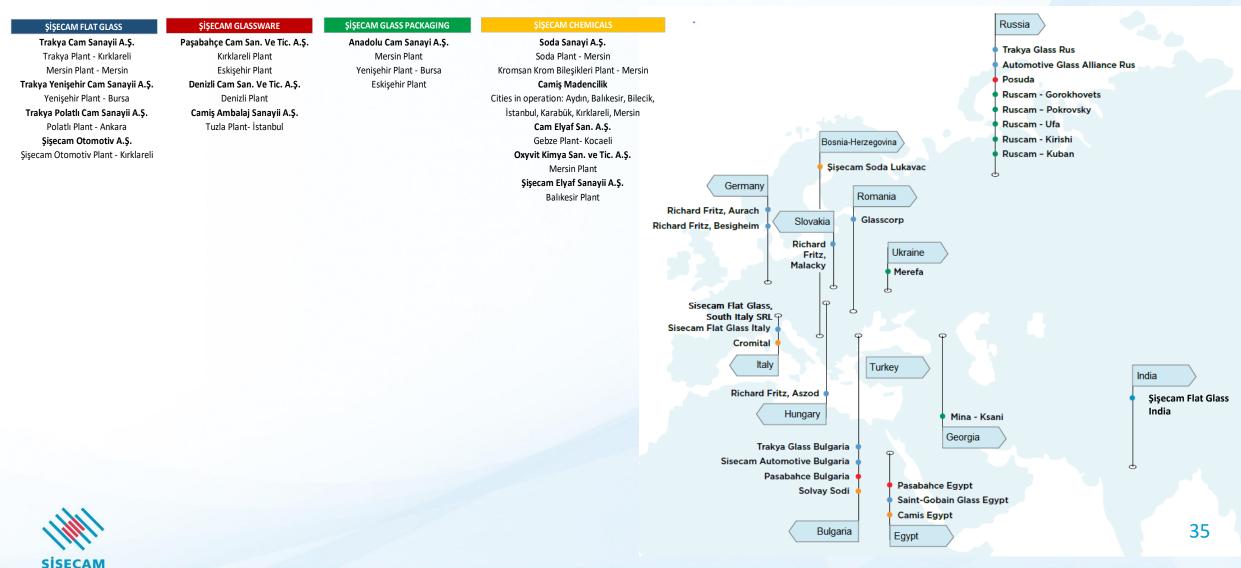




1.Şişecam, Trakya Cam and Anadolu Cam have shares on Camiş Elektrik
 2.Şişecam and Trakya Cam have shares on Çayırova Cam Sanayi
 3.Şişecam and Paşabahçe have shares on Camiş Ltd
 4.Çayırova Cam have shares on Cam Elyaf

### **Operating Territories**

#### **PRODUCTION PLANTS IN TURKEY**



### 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**

| Negative |
|----------|
| Negative |
|          |

#### **Corporate Governance**

Corporate Governance Rating of Sisecam was revised to **9,53** from **9,48** in December 2018.

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. <u>http://www.sisecam.com.tr/en/investor-relations/corporate-overview-and-governance/corporate-governance-policies</u> <u>http://www.sisecam.com.tr/en/sustainability/sustainability-reports</u>



### **Sustainability**

#### **Key Sustainability Achievements**

#### The Group is among the first 100 in "Best Emerging Markets Performers" Viego Eiris Sustainability Index

- 1.100 ton waste reduction
- 175 bin ton glass recycled and used as raw material
- 2,6 million m<sup>3</sup> water re used in production
- 11% waste water generation decreased
- Women Friendly Factory Standards implemented in all factories
- Production lines managed by women employees initiated
- Radio Frequency Technology (RFID) system use in stocks management in place
- Environmental and Energy data on line monitoring and recording
- 43% decrease in occupational accidents rate
- **7%** increase in employees commitment
- On line environmental data management & monitoring institutionalized

NATURAL RESOURCE MANAGEMENT

PRESERVE

ENVIRONMENTAL AND INSTITUTIONAL HERITAGE STEWARDSHIP

> EMPOWER DIVERSITY & INCLUSIVITY

INTERNATIONAL ENABLER TO FOSTER SUSTAINABILITY

DIGITAL INTELLIGENCE AND COMMUNITY

- 6,2 MW solar energy central established and functional
- 400 thousands GJ energy efficiency implementations completed
- **30 thousands ton** CO2 emission avoided
- Temperate Low E Glass reduces heat waste in winter by 50%
- **Temperable Solar Low E Glass**, developed for the new airport of Istanbul, received Façade Material of the Year award
- Flat Glass Group obtained **Environmental Product Declaration (EPD)** certification, first company in Turkey that aligned with European norm EN 15804

#### **PROGRESS**

AN ACTIVE SOLUTION PARTNER FOR CLIMATE CHANGE

INTEGRATION OF LOW-CARBON APPROACH

CLIMATE NEUTRAL 360° CIRCULARITY MODEL

38

SECAM

### **Sustainability**

#### **Şişecam's Sustainability Targets & Planned Actions**



#### PRESERVE

- By 2022, 5% of treated industrial wastewater reused
- By 2022, at least 20% of recycled glass used for container glass production
- By 2022, at least 10 furnaces used NOx reduction efforts by primary measures
- By 2022, at least 4 industrial synergy programs developed
- By 2022, the forest lands in mine sites increased at a rate of 20%
- By 2022, corporate purchasing procedures within framework of sustainability principles renewed
- By 2022, biodiversity and conservation practices with local communities' engagement initiated in the company's operational regions

#### EMPOWER

By 2022, zero target for occupational accidents (LTIFR\*)

#### PROGRESS

- By 2022, reduce GHG emission intensity of glass production by 5% from 2017 baseline
- By 2022, reduce annual specific energy consumption in glass production plants by 2%
- By 2022, 12 MW energy provided through renewable energy sources
- By 2022, at least one additional plant implements reactant pre-heating methodology to reduce natural gas consumption
- · By 2022, additional 2 plants implemented Waste Heat Recovery system



# 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**

|                | 2014 | 2015 | 2016 | 2017 | 2018 | 4Q2017 | 4Q2018 |
|----------------|------|------|------|------|------|--------|--------|
| USD/TL         |      |      |      |      |      | خشرا   |        |
| Period End     | 2,32 | 2,91 | 3,52 | 3,77 | 5,26 | 3,77   | 5,26   |
| Period Average | 2,19 | 2,72 | 3,02 | 3,64 | 4,83 | 3,80   | 5,51   |
| EUR/TL         |      |      |      |      |      |        |        |
| Period End     | 2,82 | 3,18 | 3,71 | 4,52 | 6,03 | 4,52   | 6,03   |
| Period Average | 2,90 | 3,02 | 3,34 | 4,12 | 5,68 | 4,47   | 6,29   |
|                |      |      |      |      |      |        |        |



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 Officergelverici@sisecam.comTel: (+90) 850 206 3885Başak Öge, Investor Relations Directorboge@sisecam.comTel: (+90) 850 206 3262

Investor Relations Team <u>SC\_IR@sisecam.com</u> Hande Özbörçek <u>hozborcek@sisecam.com</u> Sezgi Eser Ayhan <u>seayhan@sisecam.com</u> ipek İyisan iiyisan@sisecam.com Tel: (+90) 850 206 3791 Tel: (+90) 850 206 3417

