



ŞİŞECAM

22 FEATURE

DESIGNING THE FUTURE WITH INNOVATION

34 INTERVIEW
ON HEALTH
WITH
DR. ÜMİT AKTAŞ

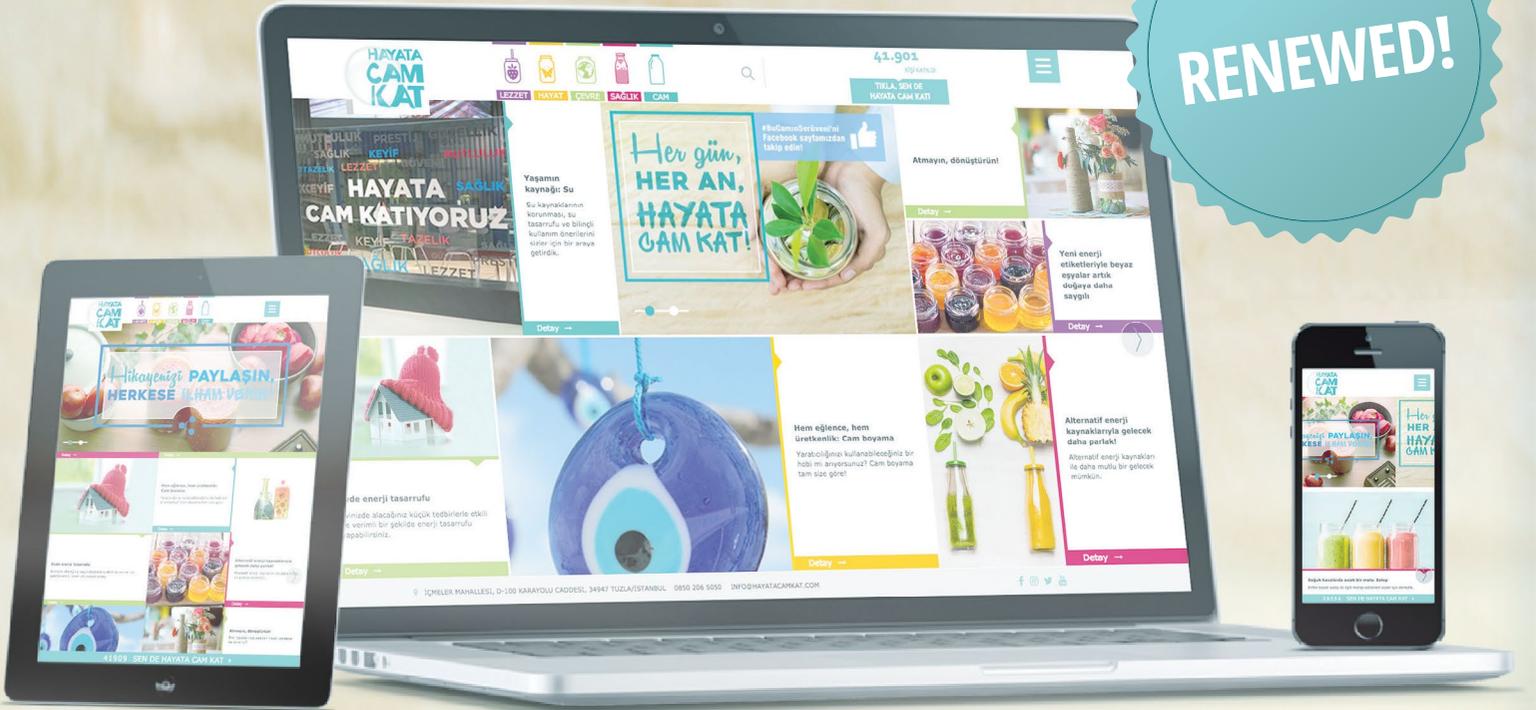
38 TRAVEL
CITIES THAT
LOVE
WATER

46 ART
MUSEUMS
WITH A PENCHANT
FOR GLASS

**ADD
GLASS
TO LIFE**

**GO AHEAD, YOU ALSO
#ADDGLASSTOLIFE**

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Published digitally for the employees of Türkiye Şişe ve Cam Fabrikaları A.Ş. and its subsidiaries.

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04

NEWS

Luminous Designs from Paşabahçe
Paşabahçe Stores' Ottoman Collection Combines the Traditional with the Aesthetic
Şişecam Glass Packaging Received 7 Design Awards in 2016
Dazzling Paşabahçe Products Presented at the Ambiente Fair
Şişecam Flat Glass Attended the 8th Energy Efficiency Forum and Fair
Şişecam Glass Packaging Products Left Their Mark on the CPhI Pharmaceutical Exhibition
Şişecam Flat Glass Hosted the Bulgarian Ambassador
PÜKAD's Visit to Şişecam Flat Glass
Şişecam Glass Packaging Set a New Export Record
Şişecam Glass Packaging Convened with Wholesale Customers
Chef Arda Türkmen Signed His New Cookbook at Paşabahçe Stores
Soda Sanayii A.Ş. Hosted a Special Event
Governor Visit to Paşabahçe's Eskişehir Plant
Şişecam Group Chose Balıkesir for Its New Investment
Seniority Incentive Awards Ceremony at Şişecam
News from Şişecam Academy
A Variety of Events for the Şişecam Employees of the Future

20

SUSTAINABILITY

From the Brundtland Commission to the Millennium Development Goals... A Close Look at the History of Sustainable Development Goals



22

FEATURE

Designing the Future with Innovation



34

INTERVIEW

On Health with Dr. Ümit Aktaş



38

TRAVEL

Cities that Love Water

42

GASTRONOMY

Ice-Cold Coffee



46

ART

Museums with a Pendant for Glass



49

SOCIAL RESPONSIBILITY

Glass is Glass Again

50

SOCIAL RESPONSIBILITY

Çayırova Sports Club's 2016 Achievements



52

NEWS FROM US

Şimdi! Events Continue at Full Speed

54

FROM THE PRESS

56

INDUSTRY RELATIONS

57

HEALTH

Work Life and Eye Health

LUMINOUS DESIGNS FROM PAŞABAHÇE

PAŞABAHÇE'S BRAND NEW PRODUCTS COMBINE ELEGANCE
WITH EXCITING DESIGNS.

ELEGANTLY PRESENTED FOODS WITH

MINI PATISSERIE

A BRAND KNOWN FOR ITS INTRIGUING DESIGNS, PAŞABAHÇE'S BRAND-NEW FOOD DISPLAY STANDS WILL ADD SPARKLE TO TEA TIME. WITH 4 NEW ITEMS THAT ARE EACH MORE ELEGANT THAN THE LAST, THE MINI PATISSERIE COLLECTION WILL BE THE HIGHLIGHT OF FOOD PRESENTATION.

Paşabahçe's new Mini Patisserie collection is perfect for those who prefer to use glass for food presentation. The collection features 4 elegant and fun food display stands in different forms, three of which also come with a dome cover. The delicate engravings, slim base and gleam of Mini Patisserie's food display stands make them the ideal choice for both tea parties and unforgettable food presentations in the home and elsewhere.



CARRE JUG

BRINGS A MODERN LOOK TO THE DINNER TABLE

PAŞABAHÇE WILL BE THE GUEST OF HONOR AT DINNER TABLES WITH THE NEWEST JUG ADDED TO ITS CARRE COLLECTION. THE CARRE JUG COMBINES THE ITALIAN STYLE OF THE 1980S WITH A MODERN LOOK.

Paşabahçe once again demonstrates its focus on good design with the jugs recently added to its Carre collection.

The Carre jugs will be a cherished item in your kitchen and dinner table thanks to their practicality and elegance.

The durable, angular design combines the Italian style of the 1980s with a modern look. Its secure handle allows for ease of use, while its trefoil mouth helps to easily strain the fruits and herbs in your beverage.





PAŞABAHÇE COLLECTIONS BRING

SPRINGTIME BREEZE

INTO HOMES

PAŞABAHÇE CONTINUES TO EXPAND ITS PORTFOLIO WITH THE NEW SPRING-INSPIRED BOHO, HAPPY SHARING, CROCHET, İZNIK, AND ÇİİNİ SERIES.

The collections feature a great many options from glassware and tableware to jugs, cake sets, and tea sets, all decorated in the trendiest colors of the year to bring springtime breeze into homes. Paşabahçe's spring collections offer innovative products as well as popular colors and patterns. The Happy Sharing series, for instance, includes jars with chalkboard labels, a tree-printed carafe whose flowers turn pink when filled with cold water, as well as printed mugs in different sizes.

NUDE STEM ZERO

GLASS AT ITS MOST DELICATE FORM

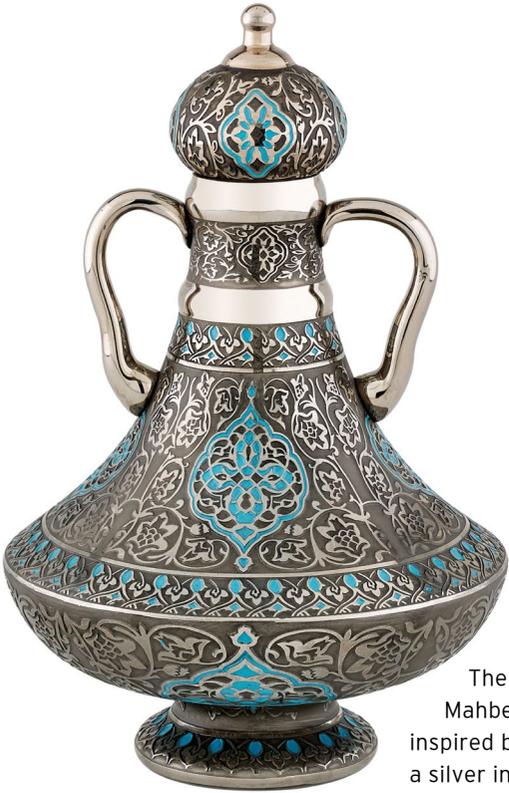
ŞİŞECAM GROUP'S GLOBAL DESIGN BRAND NUDE OFFERS A BRAND-NEW EXPERIENCE TO WINE LOVERS WITH ITS NEW WINE GLASS COLLECTION STEM ZERO, WHICH FEATURES A SLIM STEM AND BASE.

Comprised of six glasses for wine and champagne, the collection boasts a simple, elegant, and sophisticated design. Created by the Nude design team, the glasses in the collection feature a slim stem and base to enhance the effect of sensations like touch, taste, and smell. These fine, lightweight glasses help focus all attention on the senses to remove the barrier between wine lovers and their wine. The collection is available for sale on www.nudeglass.com and at Paşabahçe stores in Turkey!



PAŞABAHÇE STORES' OTTOMAN COLLECTION

COMBINES THE TRADITIONAL WITH THE AESTHETIC



MAHBER
JUG

The look of the Mahber Jug was inspired by the form of a silver ink pot from the 1600s-1700s found at the Topkapı Palace. Produced in a limited-edition run of 2,000 jugs, the Mahber Jug features all-handmade relief patterns gilded in 24-carat platinum foil.



MAHIZER
BOWL

The patterns on the Mahizer Bowl were inspired by the Silverware Collection at the Topkapı Palace Museum, specifically a silver bowl from the 16th century and a tray featuring the signature of Suleiman the Magnificent.



NEW

HANDMADE ITEMS

Brand-new handmade items in elegant and modern designs are now available at Paşabahçe Stores. These new items have already drawn great interest from customers.



CABARE

NOW AVAILABLE

IN MORE STORES

Paşabahçe Stores' Cabare collection, which features items designed for cafes, bars, and restaurants, is now available at more stores. In addition to the existing sales points at Capacity, Suadiye, Maslak, Bodrum, Adana and Mesa Koru, the new sales points include Caddebostan, Capitol, Buyaka, Mall of Istanbul, Mavibahçe, Armada, Zorlu, and Palladium.



AN EXCLUSIVE GIFT:

SENBEN & BENSEN

As a brand that's known for offering exclusive gift options for special days, Paşabahçe Stores has created a brand-new, romantic alternative for Valentine's Day: the SenBen & BenSen Eau de Cologne Set. Inspired by the penetrating scent of love, the SenBen & BenSen Eau de Cologne Set stands out with its unique formulas for men and women as well as their complementary packaging. Designed for Valentine's Day, the SenBen & BenSen Eau de Cologne Set was sold for a limited time ahead of February 14.

PAŞABAHÇE STORES'

CLUB CARD

MAKES SHOPPING EVEN
MORE ENJOYABLE

Paşabahçe Stores invites customers to join the Paşabahçe CLUB. Paşabahçe Stores' CLUB Card not only earns you points but also amplifies the joy of shopping through seasonal offers and exclusive deals. Those who become members of Paşabahçe CLUB, the new customer experience enhancement program, will get to use their CLUB Card to earn 5% points on one-time payments with a credit or debit card. Those who sign up for Paşabahçe CLUB can also enjoy a 10% Welcome Discount on a single purchase made within the first month of signing up. You can sign up for Paşabahçe CLUB membership by visiting www.pasabahcekulup.com or Paşabahçe Stores.



GIFTCARD

GOT A MAKEOVER!

Choosing a gift for your loved ones is now easier than ever, thanks to the revamped GIFTCARD. Paşabahçe Stores has renewed its GIFTCARDS for those who wish to leave the gift choice up to their loved ones. With a much more elegant look in its new colorful box, the GIFTCARD now comes with the option to add any one of 7 greeting cards, which come with the messages "Happy Birthday," "Congratulations," "Wishing You Happiness," "Happy New Year," "Life is the Best Gift," "Best of Luck" and "Thank You." These revamped GIFTCARDS are sold at 5 different price points between 50 TL and 500 TL, available at Paşabahçe Stores or on www.pasabahcemagazalari.com.



ŞİŞECAM GLASS

PACKAGING

RECEIVED 7 DESIGN AWARDS IN 2016

FUELED BY ITS CONTINUED FOCUS ON DESIGN, ŞİŞECAM GLASS PACKAGING RECEIVED 7 AWARDS IN ONE YEAR FOR ITS NOTABLE ACCOMPLISHMENTS IN BOTH THE NATIONAL AND INTERNATIONAL ARENAS.

Şişecam Glass Packaging received the Silver and Competency Awards at the Crescent and Stars of Packaging Competition 2016 as well as the Superior Design Award at the Design Turkey Industrial Design Awards with its bottle design for Kestane Natural Mineral Water. The bottle design also received the World Packaging Organisation's (WPO) WorldStar Award, a prestigious international award that Şişecam received for the 9th time in 2016. With 3 awards in total, the Kestane Natural Mineral Water bottle design is now a source of pride in itself for Şişecam Glass Packaging.

63 AWARDS IN 10 YEARS

Şişecam Glass Packaging also received 2 awards for its Kemal Kükrer Salad Dressing bottle design, which were the Competency Award at the Crescent and Stars of Packaging Competition and the Superior Design Award at Design Turkey, as well as the Good Design Award at Design Turkey for its Hatay Gazoz and Frida Mineral Water bottle designs. As a company that combines design with engineering, years of know-how and an expert team, Şişecam Glass Packaging has received 63 awards to date since the establishment of its Design Center 10 years ago.



NUDE

TOOK HOME THE PRIZES AT GERMAN DESIGN AWARDS 2017



Organized by the German Design Council, the German Design Award is known for discovering and rewarding the most innovative and exceptional designs in the industry. This year, Nude received awards for three of its projects at the reputable design competition. The German Design Award jury gave an Excellent Product Design Award to Finnish designer Mikko Laakkonen's whisky set Malt, which also received the Red Dot Award, as well as Special Mention prizes to Tomas Kral's table lamp Blow and Sinem Hallı's potted-plant system Roots.



BEST TABLETOP ACCESSORY:

MIST



The Mist Collection designed by Tamer Nakışçı for Nude Glass was chosen as one of the best tabletop accessories at the Wallpaper* Design Awards 2017, where the world's most prestigious design magazine Wallpaper* rewards the top designs each year. Prior to receiving this title, the Mist Collection also won the Design Plus award in 2016.

NUDE DESIGN RECEIVED

iF DESIGN

AWARD

Nude design team member Hazal Balaşar's new collection Chill, a set that consists of a marble-detailed carafe, glass and bowl, received the iF Design Award 2017 in the Product Discipline.





PAŞABAĞÇE

WON AN iF DESIGN AWARD FOR HELIO



**DESIGN
AWARD
2017**



PAŞABAĞÇE RECEIVED AN iF DESIGN AWARD FOR THE HELIO TABLE LAMP FROM ITS NUDE COLLECTION.

Paşabağçe continues to crown its products with awards. The Helio table lamp from the Paşabağçe Nude collection received an award from iF Design, one of the world's most respected independent award organizations. A showcase featuring thousands of products from all around the world, iF Design drew in more than 200 guests from 20 countries at this year's event, held on March 10, 2017 at the BMW Museum in Munich.

MODERN AND ENVIRONMENTALLY FRIENDLY

Noted for its modern appearance, the Helio table lamp created by product designer Sinem Hallı draws inspiration from the Edison lightbulb. The delicate form of the lamp softens the light as well as magnifying it. Constructed entirely out of glass, Helio was designed to cleverly hide the entire electrical circuit while demonstrating an environmentally friendly approach through the economical use of both labor and materials.



DAZZLING PAŞABAHÇE PRODUCTS PRESENTED AT THE AMBIENTE FAIR



PAŞABAHÇE'S
INTRIGUING
PRODUCTS DREW
GREAT PRAISE
FROM VISITORS
AT AMBIENTE, THE
WORLD'S LARGEST
CONSUMER-GOODS
FAIR.

As a participant in the Ambiente fair held at Messe Frankfurt on February 10-14, 2017, Paşabahçe showcased ambitious designs and products in an impressive 657 m2 booth featuring sections with different themes.

PRODUCTS PRESENTED AT THE AMBIENTE FAIR:

Summer/Winter Corner: Çini tableware and kitchenware collection, Boho collection, and Midas collection.

Mediterranean Kitchen Corner: Gastroboutique's new mix & match sets, Borcam's Crème Caramel and Soufflé ramekins.

Guzzini Kitchen/Zestglass Corner: Guzzini Oven Glass Project by Paşabahçe's high-quality ovenware with accessories.

B2B Corner: Highlights included samples of items produced by Paşabahçe for the world's biggest brands as well as the high-quality products licensed by Coca-Cola.

Handmade items: Audiences were wowed by the one-of-a-kind, handmade items crafted by expert glassblowers at the Paşabahçe Denizli Plant.

Restaurant Corner: The new plate collection Linden, which draws inspiration from the elegant, tranquil texture and feel of natural wood.

Patisserie Corner: The Mini Patisserie collection, featuring new and smaller versions of Paşabahçe's classic cake stands with dome lids from the Patisserie Collection, debuted at the Ambiente fair.

Beer Corner: Both brand-new and classic beer glasses from Paşabahçe. The Revival Series' Craft Beer Collection.

Paşabahçe Baby Collection Corner: Ambiente saw the debut of baby products scheduled to be launched this year, including baby bottles, baby food containers, and apple graters.

Cocktail Corner: The Timeless series and the TinCan cocktail series.

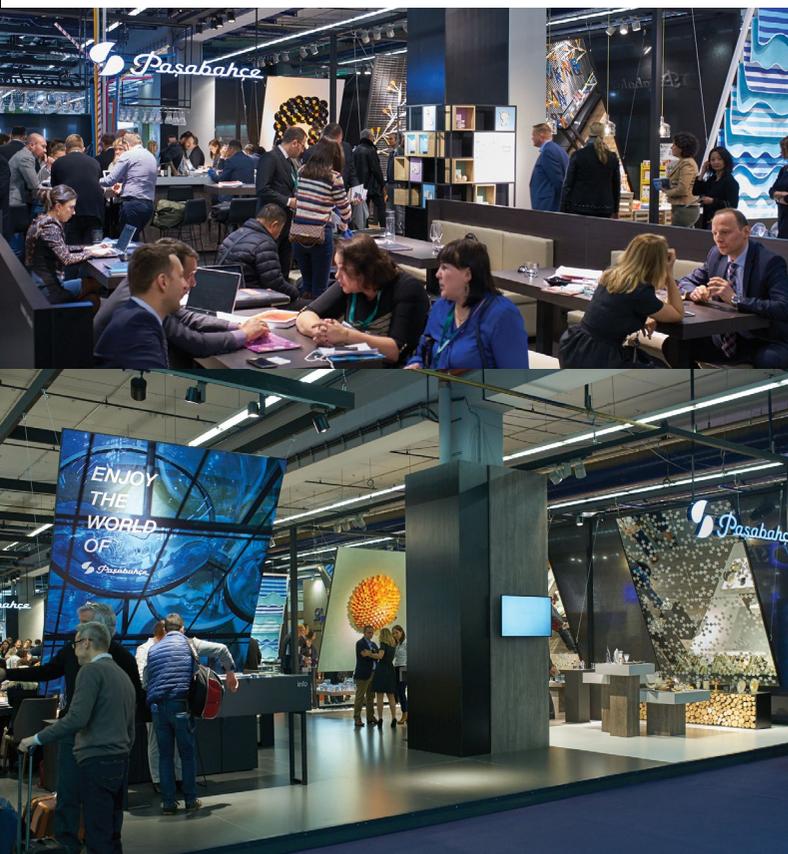
Innovation Corner: Midas tea glasses, After Glow collection, Insert Glass, Glassify, and Borcam dishes with silicon attachments.



NUDE

MAKES A SPLASH AT THE MAISON&OBJET TRADE SHOW

Nude presented its newly launched collections as well as those that received design awards in an 84 m² booth at the Maison&Objet trade show from January 20-24, 2017.



NEW COLLECTIONS

PRESENTED AT NY NOW

Nude presented its existing collections as well as its new Camp, Alba, Cupola and Stem Zero series at the NY Now trade show held from February 5-8, 2017.



ŞİŞECAM FLAT GLASS

ATTENDED THE 8TH ENERGY EFFICIENCY FORUM AND FAIR

ŞİŞECAM FLAT GLASS INTRODUCED ITS ENERGY-EFFICIENT, HIGH-TECHNOLOGY PRODUCTS AT THE EIGHTH EDITION OF THE ENERGY EFFICIENCY FORUM AND FAIR.

Şişecam Flat Glass's high-technology products drew a great deal of interest from visitors at the 8th Energy Efficiency Forum and Fair. Held at Istanbul WOW Convention Center Yeniköy on January 11-12, 2017, the event also drew participation from Şişecam Flat Glass, as the company introduced its energy-efficient products as well as new glass items that add value to life. At its 50 m2 booth, the company presented the Şişecam Temperable Solar Control Low-E Glass as well as the Isıcam K 3+ and Isıcam S 3+ insulated glasses in the exterior glass section.

VISITORS INSPECTED PRODUCTS ON-SITE

Şişecam Colorless Flat Glass, Şişecam Colored Flat Glass, Şişecam Ultra Clear Flat Glass, Şişecam Tentesol, and Şişecam Tentesol

Titanium products were also presented to visitors in the exterior glass section of the Şişecam Flat Glass booth. Visitors were also able to test Isıcam's superior insulation qualities for both hot and cold temperatures in the "Isıcam K Test Tunnel" and the "Isıcam S Test Refrigerator," which helped visitors gain information about these energy-efficient glass products as well as experiencing them on-site. At its booth in the convention center, Şişecam Flat Glass presented its extensive product range to visitors, including the Isıcam S T and Isıcam K T insulated glass models displayed in the open space. The "solar glasses" manufactured for the solar energy industry and used as the top layer of solar panels and solar thermal collectors were also shown in the open space.





ŞİŞECAM CAM AMBALAJ



ŞİŞECAM GLASS PACKAGING

PRODUCTS LEFT THEIR MARK ON THE CPHI PHARMACEUTICAL EXHIBITION

ŞİŞECAM GLASS PACKAGING WAS A HIT WITH CPHI 2017 VISITORS THANKS TO ITS EXTENSIVE PRODUCT RANGE AND PRODUCTION CAPABILITY.

Şişecam Glass Packaging presented its products for the pharmaceutical industry at CPhI Istanbul 2017, which took place from March 8-10. Now in its fourth year, CPhI Istanbul brought together more than 200 brands from 25 countries on 4 continents, thus gathering the pharmaceutical industry in Turkey as well as the suppliers who serve the industry under one roof. Europe's biggest pharma event, CPhI's Istanbul edition also featured Şişecam Glass Packaging, which presented its extensive product range to visitors. Organized for the pharmaceutical industry and held at the Istanbul Expo Center, the event served as the setting for Şişecam Glass Packaging to once again demonstrate its expertise in glass packaging, while the company's extensive product range and production capability made it a hit with visitors.

CLEANROOM PROTOCOL

As a company that can produce both amber and clear glass packaging for the pharmaceutical industry, Şişecam Glass Packaging also follows the "Cleanroom" protocol, a requirement for pharmaceutical bottle production, at its Eskişehir plant. Extending over an area of approximately 2000 m², the "Cleanroom" is certified annually by the accredited International Cleanroom Control and Engineering (I.C.C.E.) to meet ISO Class 8 requirements. The "Clean Room" also meets European Pharmacopoeia (Ph. Eur.) standards as a space where microbiological analyses are conducted with samples taken from products, packaging materials, equipment, and personnel. As the only manufacturer producing glass packaging for the pharmaceutical industry in Turkey, Şişecam Glass Packaging also operates as a supplier for many national and international firms.





ŞİŞECAM FLAT GLASS

HOSTED THE BULGARIAN AMBASSADOR

ŞİŞECAM HOSTED NADEZHDA NEYNSKY, BULGARIA'S AMBASSADOR TO ANKARA, AT THE FLAT GLASS SHOWROOM DURING HER VISIT TO ŞİŞECAM HEADQUARTERS.

During her site visit, Ambassador Neynsky was introduced the Flat Glass Group and its investments, as well as examining in person the products manufactured for the architecture, automotive, home appliance, and solar energy industries. The Ambassador also tested the durability of insulated glasses in both hot and cold temperatures with the Isıcam K and Isıcam S Test setups, as well as testing the Şişecam Laminated Glass in the safety and security glass cabin. Both testing setups are located in the Showroom, which allows visitors to discover through experience the products that inspire creative uses of architectural glass.



PÜKAD'S VISIT TO

ŞİŞECAM FLAT GLASS

As a company that uses its connections with glass manufacturers, where its products meet with consumers, to host various informative events for the industry, Şişecam Flat Glass hosted the Aynur Acar, the General Secretary of the Window and Door Industry Association (PUKAD), as well as consultant Oktay Alptekin, at the Şişecam Headquarters. During the visit, General Secretary Acar and Alptekin provided information about PUKAD's planned projects for 2017 as well as touring the Flat Glass Showroom at the headquarters.



ŞİŞECAM GLASS PACKAGING

SET A NEW EXPORT RECORD

WITH EXPORTS TOTALING 125 THOUSAND TONS IN 2016, ŞİŞECAM GLASS PACKAGING BROKE NOT ONLY ITS OWN RECORD BUT THE INDUSTRY'S, AS WELL.

In keeping with its vision to become a global firm, Şişecam Glass Packaging is broadening its export. Thanks to its new marketing and sales strategies, Şişecam Glass Packaging exported 125 thousand tons of products in 2016, thus setting a historic record as well as achieving its yearly export goal. Şişecam Glass Packaging's previous export record was 78 thousand tons in 2008. According to Şişecam Glass Packaging Group President

Abdullah Kılıç, the company exports to 35 countries, including Italy, Israel, Iraq and Romania. Kılıç announced that the company aims to double the share of exports in total sales, stating, "Şişecam Glass Packaging's high performance not only boosted Turkey's total glass packaging exports and contributed to the decrease of imports, but it also played an important role in meeting domestic demand."

ŞİŞECAM GLASS PACKAGING

CONVENED WITH WHOLESALERS CUSTOMERS

Şişecam Glass Packaging hosted 49 of its leading wholesale customers in Turkey at its Eskişehir Plant on February 14-15, 2017. During the two-day site visit, the company provided information about the glass packaging process from production to the end user as well as hosting a tour of the plant production area.

Hosted by Şişecam Glass Packaging executives, the event started with an opening presentation by Şişecam Glass Packaging Sales Manager Kemal Erkmen, continued with a presentation

by the Customer Technical Services Directorate, and ended with a question and answer section. The second day of the event included a visit to Şişecam Glass Packaging's plant production area. This visit proved popular with attendees, as it provided them with the opportunity for a thorough look at the entire process of glass packaging production, from glass batching to the final product. After the meeting, the attendees also shared information regarding industry dynamics and the glass packaging market.





CHEF ARDA TÜRKMEN SIGNED
HIS NEW COOKBOOK AT

PAŞABAHÇE

STORES

PUBLISHED WITH THE SPONSORSHIP OF PAŞABAHÇE AND FEATURING PAŞABAHÇE PRODUCTS FOR THE PREPARATION AND PRESENTATION OF RECIPES, THE COOKBOOK "ARDA'S KITCHEN" IS ALSO AVAILABLE FOR SALE AT PAŞABAHÇE STORES.

Paşabahçe Stores hosted the book signing event for popular celebrity chef Arda Türkmen's new cookbook, "Arda's Kitchen." Arda Türkmen met with visitors at the book signing held at Paşabahçe's "Yaşam" Store at the Kanyon Shopping Mall on Thursday, January 26 at 3:00 P.M.

ARDA TÜRKMEN: "PAŞABAHÇE IS THE PRIDE OF TURKEY"

In his cookbook, Arda Türkmen thanked Paşabahçe, which he described as the "pride of Turkey," for providing the products he chose for the preparation and presentation of his dishes. Those who wish to become chefs in their own kitchen can purchase the cookbook featuring 95 delicious recipes from Paşabahçe Stores.



SODA SANAYİİ A.Ş.

HOSTED A SPECIAL EVENT

Soda Sanayii A.Ş. teamed up with the Mersin Metropolitan Municipality's Department of People with Disabilities and the Theater Directorate as sponsors to host a theater group comprised of children with mental disabilities. Following their rehearsal of the Shakespeare adaptation "King Lear and His Thorny Roses," the theater group enjoyed lunch with their families at Soda Sanayii's social complex as well as a visit to the zoo. Soda Sanayii A.Ş. General Manager Mehmet Gürbüz said the event made them very happy, adding, "Our children are our future. Supporting them and their families is our top priority. Ensuring that our children with mental disabilities are a part of social life is very important for their development. As a company, we are ready to do what we can."



GOVERNOR VISIT TO

PAŞABAHÇE'S

ESKİŞEHİR

PLANT

Eskişehir Governor Azmi Çelik visited Paşabahçe's Eskişehir Plant on February 7, 2017. During the site visit, Eskişehir Plant Manager Osman Öztürk provided information to the Governor about the plant. The Governor noted that Eskişehir is a city of firsts when it comes to industry and commerce, adding that Paşabahçe is among the well-rooted institutions that shape the industrial development of the province. Upon remarking on the importance of brands renewing themselves in the highly competitive environment of today, Governor Çelik also shared his gratitude for Paşabahçe as an environmentally friendly company that creates employment opportunities.





ŞİŞECAM GROUP

UNDERTAKES HUGE INVESTMENT IN BALIKESİR!

ŞİŞECAM GROUP WILL BUILD ITS 400-MILLION-TL FIBER GLASS MANUFACTURING PLANT INVESTMENT IN BALIKESİR.

The land allocation contract for the fiber glass manufacturing plant Şişecam Group will build with a 400 million TL investment was signed in a ceremony held at the Balıkesir Organized Industrial Zone (OIZ). Among the attendees were Şişecam Group Vice Chairman and CEO Prof. Dr. Ahmet Kırman, Balıkesir OIZ Chairman and Balıkesir Governor Ersin Yazıcı, Balıkesir Metropolitan Municipality Mayor Ahmet Edip Uğur, Balıkesir Chamber of Industry Chairman İsmail Uğur, Balıkesir Chamber of Commerce Chairman Fahri Ermişler, and Şişecam Chemicals Group President Burhan Ergene.

“WE INVEST OUR EARNINGS INTO OUR COUNTRY”

Şişecam Group Vice Chairman of the Board and CEO Prof. Dr. Ahmet Kırman emphasized that Şişecam Group continues to create added value for Turkey as he explained the company's choice of making its investment in the Balıkesir OIZ. “As a Group, we considered 3 essential criteria when determining the province where we would build our investment. We made our assessments based on important criteria like proximity to raw materials, proximity to our customer,

and logistic advantages before we came to a decision. Following our assessments, we chose to invest in the Organized Industrial Zone in Balıkesir, both due to its proximity to raw materials and our clients, and due to the logistic opportunities it provides. Kaolinite and boron, the main raw materials we will use in production, are found in Balıkesir. The province also stands out due to its logistical advantages.”

Balıkesir OIZ Chairman and Balıkesir Governor Ersin Yazıcı also made a statement, where he said, “We are happy that Şişecam Group will invest in Balıkesir. This investment is important in terms of the value it will add to both Balıkesir and the national economy.” Balıkesir Metropolitan Municipality Mayor Ahmet Edip Uğur also expressed confidence that Şişecam will put industry in Balıkesir in a league of its own, while Balıkesir Chamber of Industry Chairman İsmail Uğur said, “By investing in Balıkesir, Şişecam Group will generate profits not only for itself but also for Balıkesir. We love our city and our country a great deal. We will continue to make investments at full speed and grow together to achieve a stronger Balıkesir and a stronger Turkey in the future.”



SENIORITY INCENTIVE AWARDS CEREMONY AT

ŞİŞECAM

THE COMPANY HELD AN AWARDS CEREMONY TO HONOR EMPLOYEES WHO ACHIEVED SENIORITY DUE TO THEIR YEARS OF SERVICE.

Now in its 81st year, Şişecam Group once again honored those employees who achieved seniority due to their years of service. A total of 195 employees who completed 10, 15, 20, 25, and 30 years of service came together at the Seniority Incentive Awards Ceremony held at the İş Bankası Tuzla Technology and Operations Center (TUTOM) on January 20, 2017. Held with the participation of Şişecam Group's Executive Board Members and Group employees, the Awards Ceremony began with an opening statement by Şişecam Group Vice Chairman and CEO Prof. Dr. Ahmet Kirman. Employees who work at the plants were also honored in separate ceremonies held at each plant.



Şişecam Group
Vice Chairman
and CEO
Prof. Dr. Ahmet Kirman

FROM THE BRUNDTLAND COMMISSION TO
THE MILLENNIUM DEVELOPMENT GOALS...A CLOSE LOOK AT THE HISTORY OF

SUSTAINABLE DEVELOPMENT GOALS

THE CONCEPT OF SUSTAINABLE DEVELOPMENT TOOK SHAPE AT THE UNITED NATIONS CONFERENCE ON ENVIRONMENT AND DEVELOPMENT, HELD AT RIO DE JANEIRO IN 1992. THE FIRST INTERNATIONAL INITIATIVE TO CREATE ACTION PLANS AND STRATEGIES FOR TRANSITIONING INTO A MORE SUSTAINABLE DEVELOPMENT MODEL, THE CONFERENCE BROUGHT TOGETHER MORE THAN 100 GOVERNMENT OFFICIALS AND REPRESENTATIVES FROM 178 COUNTRIES, AS WELL AS REPRESENTATIVES FROM A SERIES OF NON-GOVERNMENTAL ORGANIZATIONS.

As an idea, "Sustainable Development" was considered a solution to the environmental problems addressed in the Brundtland Commission's 1987 report, "Our Common Future." The views expressed in the report, which sought to both examine the negative effects of human activity on our planet and to research development models, were also supported by books such as Rachel Carson's "Silent Spring" (1962), Garret Hardin's "Tragedy of the Commons" (1968), the Ecologist magazine article "Blueprint for Survival" (1972), and the report "Rome's Limits to Growth" (1972), published for the Club of Rome.

The concept of "Sustainable Development" first rose to prominence in the international arena at the UN Conference on the Human Environment held in Stockholm in 1972. The term became popular 15 years later, thanks to the "Our Common Future" report published by the World Commission on Environment and Development.

This report provided the "classic" definition of sustainable development: "to meet the needs of the present without compromising the ability of future generations to meet their own needs." The Millennium Summit held in New York in 2000 saw the ratification of the United Nations Millennium Declaration, which set forth 8 key objectives—including environmental sustainability, poverty eradication, and equality for women—that were estimated to be achieved by 2015. Today, these key objectives are known as the Millennium Development Goals (MDGs). The Johannesburg Plan of Implementation (JPOI) adopted at the World Summit on Sustainable Development (WSSD) held in Johannesburg in 2002 once again emphasized the international commitments made to ensure sustainable development. The Rio+20 Conference 2012 also saw the publication of the paper, "The Future We Want." At this conference, the participating nations renewed their commitment to all sustainable

development agreements and plans adopted until 2012 as well as the 17 goals reinforced in Rio.

The Millennium Development Goals (MDGs) have served as a historic and effective global initiative to determine a great deal of significant and top-priority social issues that affect the entire planet, such as extreme poverty and hunger, diseases, lack of education, gender inequality, and environmental problems. The goals were combined into eight groups and broken down into measurable targets that were planned to be achieved between 2000 and 2015. The MDGs contributed to the increase of global awareness, political accountability, improved standards, social feedback, and societal pressure, as well as playing an important role in the progress made in these areas. Due to the widespread belief that global environmental targets must have greater weight than poverty eradication goals in a world that's combatting dangerous levels

of climate change and other environmental issues, a report was published ahead of the Rio+20 Summit in June 2012. Launched by the United Nations Secretary-General Ban Ki-Moon, the United Nations High-Level Panel on Global Sustainability (GSP) put together the report, which recommended a series of Sustainable Development Goals (SDGs) to be adopted by all nations of the world. The 17 SDGs adopted by world leaders during the Rio+20 Summit are significant in terms of steering the planet in a more sustainable direction.

In addition to environmental threats, humanity also faces other serious risks that form part of the sustainable development agenda. With an increase rate of 75-80 million per year, the world's population is expected to reach 9 billion by the mid-21st century and 10 billion by the end of the century.

In addition to global population growth, the rapid increase in per-capita income in emerging

IMPORTANT MILESTONES IN SUSTAINABLE DEVELOPMENT



1987
Brundtland Commission: "Our Common Future"



1992
United Nations Conference on Environment and Development (UNCED) - Rio de Janeiro



1993
United Nations Commission on Sustainable Development



2000
Millennium Summit - New York: UN Millennium Declaration / Millennium Development Goals (MDGs)



2002
World Summit on Sustainable Development (WSSD) - Johannesburg: Johannesburg Plan of Implementation (JPOI)



2012
Rio+20 - "The Future We Want" - 17 Sustainable Development Goals (SDGs)

economies like China and India also indicates that nearly 1 billion people battling hunger, predominantly in Africa and South Asia, will continue to require more grain and feed grain, while meat consumption will increase in countries with growing economies. The social division in world economies—or, to put it more clearly, inequality—is another important issue. Moreover, given the intense period of globalization since 1980, income equality has increased with the start of the digital era. The income difference between workers who receive higher education and workers who do not has increased in the extreme.

TECHNOLOGY, THE PRIVATE SECTOR, AND THE CRITICAL PATHS TO SUSTAINABLE DEVELOPMENT

Given the rise in standard of living as well as ecological challenges, the world will need new technologies and methods to sustain life. Technological and social change will prove instrumental in achieving this. The private sector will not only need to switch to a low-carbon energy system, but it will also have to focus on research and development, infrastructure investments such as those in renewable energies, legislative regulations, and new urban design strategies. Although

certain market-based strategies (like the carbon tax) can lead to the alleviation of some political issues in situations where the private sector's decisions are steered in the right direction, the complexity of the policy, planning, and decision-making processes in this interim will inevitably affect many shareholders.

This is why, in order to achieve the Sustainable Development Goals (SDGs), the global know-how available in many different industries and regions will have to be consolidated in an unprecedented way. Governments, international institutions, the private sector, academic circles, and civilians

will have to work together, using their technical expertise to determine the critical paths to success. Consequently, the networks established to solve the sustainable development issues we will encounter in upcoming years—in areas such as energy, food supply, urbanization, climate change, and others—will prove crucial. When it comes to the major challenges of sustainable development, new social media and information technologies offer comprehensive problem-solving opportunities on a global scale. Today, it's become a part of our daily lives to use online networks, software, and applications geared towards collaboration, crowdsourcing, and group problem-solving. We must ensure the participation in this process of universities, non-governmental organizations, governments, and, in particular, the young people who will become the experts and leaders of the digital era, and together, we must determine the paths to the goal of sustainable development using network-based problem-solving mechanisms. (<http://www.un.org/sustainabledevelopment/sustainable-development-goals/>).



DESIGNING



THE FUTURE WITH INNOVATION

ONE OF THE WORLD'S LEADING COMPANIES IN ITS FIELD IN TERMS OF RTD AND INNOVATION EFFORTS, ŞİŞECAM GROUP IS WORKING ON DEVELOPING THE PRODUCTS AND TECHNOLOGIES OF TOMORROW, TODAY.

As glass continues to influence our lives in many ways both seen and unseen, an industry-wide transition into products that offer high added value can only be achieved in direct correlation with the innovation as well as research and development activities in this field. The company's goal is to rank among the top 3 companies in the world in terms of its core businesses, all the while remaining a leader in the competitive international area. To this end, Şişecam Group operates with the knowledge that the path towards this goal involves the manufacturing of products with added value and developing technologies, and continues to invest in Research and Technological Development (RTD) at full speed.

GREAT INVESTMENT IN RTD AND INNOVATION

A global player with production operations in 13 countries, sales to 150 countries, and more than 21 thousand employees, Şişecam Group is one of the top companies in the world in terms of the RTD and innovation it uses to create new products and technologies in flat glass, glass packaging, glassware, fiber glass, and chemicals. Thanks to the RTD efforts it's carried out since 1976, Şişecam

Group has become one of the leaders of corporate RTD efforts in Turkey, and the company remains one of the country's top investors in this area.

THE PRODUCTION TECHNOLOGIES OF THE FUTURE

The heart of the Group's RTD activities lies in the Şişecam Science and Technology Center in Gebze Çayırova, an award-winning green building that boasts a total indoor area of 9,400 m². The biggest and most well-equipped center of its kind in Turkey as well as one of the select centers in the world, the Şişecam Science and Technology Center was established in 2014 with an investment exceeding 40 million TL. The center not only operates in glass science and technology but also shapes the future of chemicals in terms of new products and production technologies.

In this issue of our magazine, we focus on the innovation and RTD activities of Şişecam Glass Packaging, a subsidiary of Şişecam Group, whose essential values include the manufacturing of value-added products in all the Group's areas of operation.

SHAPES THE FUTURE OF THE INDUSTRY WITH ITS

INNOVATIVE

APPROACH

AS A COMPANY THAT POSITIONS INNOVATION AMONG ITS PRINCIPAL AREAS OF FOCUS, ŞİŞECAM GLASS PACKAGING USES ITS PRODUCTION CAPABILITY, DESIGN EXPERTISE, AND HIGH-QUALITY PRODUCTS TO OFFERS ITS CUSTOMERS INNOVATIONS THAT CREATE VALUE.

Innovations must set new standards via features that can guide a technology or industry in a new direction. The concept of innovation, which could be viewed as a culture on its own, requires know-how as well as special effort and focus.

Guided by this vision, Şişecam Glass Packaging aims to utilize its innovation-focused experience and expertise to bring transformative changes to the industry. To reach this goal, the company focuses on innovations in design that improve glass packaging products, ensure sustainability and efficiency, and allow it to produce more while consuming less. In doing so, the company fulfills its main goals of offering faster and more services to its customers while reducing their costs and making life easier

overall. As a company that views innovation as an essential part of its work processes, Şişecam Glass Packaging relies on its technology and design expertise to shape its innovative projects.

INNOVATION AND INDUSTRY 4.0

There are a great many technologies that the fourth industrial revolution has brought and will continue to bring, including Big Data and analytics, the Internet of Things (IoT), additive layer manufacturing (ALM), and augmented reality (AR), among many others. Another such technology is Simulation, or the testing of a product by utilizing computer-aided analysis methods prior to manufacturing to generate the

optimum design. This technology also reduces time to market (TTM), which poses a significant advantage in terms of pleasing the customer. By integrating the concept of "Computer-Aided Design" into its Simulation-Driven Product Development processes, Şişecam Glass Packaging has successfully used simulations to create a database for the strength of glass packaging products. With this technology, both new designs and improvements to existing ones can be tested in a computerized setting for their mechanical reactions to factors such as pressure, vertical load, and impact, thus enabling the company to reshape its designs based on the results. Simulation-Based Optimization also allows for the generation of the

optimum design, keeping in mind parameters such as form, weight, and stress. The company also aims to test in a computerized setting the wall thickness values of glass, which is a crucial parameter for production efficiency and yield. To this end, the company established the necessary infrastructure for Computer-Aided Production under the umbrella of Simulation-Driven Product Development. As a company that aims to provide change for the industry by internalizing the philosophy of innovation, Şişecam Glass Packaging considers the advantages provided to customers at each step as it continues to work to develop innovative products with an optimum and quick design process.

Innovative Products

AS A COMPANY THAT PROMOTES AN INSTITUTION-WIDE ECOSYSTEM OF INNOVATION, ŞİŞECAM GLASS PACKAGING MAKES PRODUCTION, USE, AND LIFE EASIER BY MARKETING INNOVATIVE PRODUCTS TO MEET THE NEEDS OF THE INDUSTRY.

CREAM CHEESE GLASS JAR PROJECT

The IS machine-compatible glass jar project is used as a standard product. The innovative design of the heat-treatable head allows for the use of two molds,

thus preventing any leaks. This design also provides a hermetic seal, which prevents microorganisms and air from reaching the jar. The product is marketed with both peelable and non-peelable vacuum lids.

While the twist-off lid is cheap, practical, and easy to open, the pano and omnia lids that are commonly found in Europe are used on glass-type flat jars. The pano and omnia lids are manufactured in special sealing machines by compressing the edges of the lids.

NFS ULTRA-LIGHT WATER AND MILK BOTTLES

The NFS glass packaging technology allows for the manufacture of lighter products that come with the

advantage of raw material and energy savings without compromising on durability. The NFS Ultra-Light Water Bottle is 30 percent lighter than standard water bottles, while the NFS Ultra-Light Milk Bottle is 35 lighter than standard milk bottles. The lightness of the product also creates a logistical advantage, reducing the total load by 20 percent during transportation. The product is also recyclable, making it 100 percent sustainable.



ŞİŞECAM GLASS PACKAGING



ULTRA-LIGHT MINERAL WATER BOTTLE

The Ultra-Light Glass Bottle was also used for mineral water packaging. When Şişecam Glass Packaging received a request from one of its customers for an

environmentally friendly and low-cost packaging option, it resulted in the manufacture of a mineral water bottle as light as 125 grams. The experts at Şişecam Glass Packaging used computer-aided analysis results to design one of the lightest mineral water bottles, which they then manufactured in collaboration with the plant. The products developed in this important project are currently available in the 20-cl mineral bottle market. Şişecam Glass Packaging later received a request for the same product for 25-cl volume, and a sample run of 25-cl bottles was successfully completed.

SECURA

The Non-Shattering Casing project Secura was developed to ensure either that glass packaging does not break, or that it does not shatter when broken. This important project reduces the risk of shattering without damaging the clarity of glass. With Secura,

the glass packaging remains inside a casing that minimizes the risk of shattering when the glass packaging is broken. The project increases the resistance of glass against impact and prevents the glass from shattering when broken, and is thus expected to find application in many industries as well as contributing to the recycling of glass. The company aims to make Secura available to consumers within 2017 by marketing it to a wider market through RTD efforts.



PASTEURIZABLE COLORED ORGANIC BOTTLE

A product that was born from the meeting of environmentally friendly glass packaging with environmentally friendly organic dye, the Pasteurizable Colored Organic Bottle is free of heavy metals and BPA and comes with

a low carbon footprint. Produced with transparent organic dye technology, the Colored Organic Bottles can also be used for pasteurized products. The organic dye used in the coating ensures an environmentally friendly production process for the bottle, which also allows for the application of labels and print.

DOUBLE-CHAIN TWIST-OFF HEAD

The first project of its kind in the world, the Double-Chain Twist-Off Head project resulted from the company's use of two separate head molds for the periodically changing lid requirements of Şişecam Glass Packaging customers who operate in jar filling. When starting this project, Şişecam Glass Packaging aimed to create a product design that would enable the company to use one mold instead of two, thus ensuring that its customers' periodically changing needs could be met at all times, as well as to lower the company's overall costs. The first double-chain twist-off head prototype was tested on an existing product in 2011, with the result being a success. The product was later marketed after it also passed tests by Şişecam Glass Packaging customers who operate in jar filling.





PETITE RAKI BOTTLE

One of Şişecam Glass Packaging's development projects, the Petite Raki project was born from the idea of creating a different branding area on bottles. For this project, a modifiable seal area was applied to the bottles to present information such as the product name and logo. The guiding question during the design process was "What types of seal areas can we create other than the standard, circular ones?" During the initial sketches, the design team concluded that this area could be unified with the body of the product. These new, wing-like areas were transformed into a new area of communication with the consumer. The next idea was to apply this new design to different product packaging alternatives as a way of creating

communication between the consumer and the product. Thus, the design was modified for three different bottles for olive oil, vodka, and raki. The project team ultimately chose the design for the raki bottle, as it also paved the way for new improvements in production technology. To craft the wings out of glass, the team applied never-before-used techniques and solutions during both mold design and production. Different trial runs were run, including one where the wings were crafted out of glass and one where they were not, and both were successful. Şişecam Glass Packaging's design allows the consumer to view the amount of product inside when the wings are not filled with glass; when they are filled with glass, the unique design of the designated section

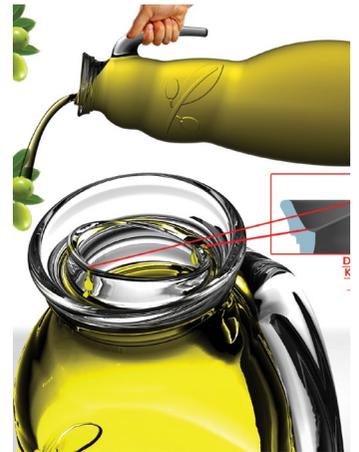
within the glass surface gives the appearance of a second form within the first, an effect that is even more prominent with colored product inside the packaging. The bottle is now available on the market.

CHAMELEON HEADS

Another example of Şişecam Glass Packaging's innovative approach, the Chameleon Heads design project allows 9 separate lids to be used with a single body, thus making the body of the bottle available for use with 9 separate product groups. Thanks to this project, the same body can be used to create different heads, helping the company to achieve an increase in both product yield and product diversity. The product is currently in the concept stage.

NON-DRIP HEAD

The Non-Drip Head is a bottle head design aimed to prevent products like oil and vinegar from dripping down the edge of the glass bottle after they're poured. The product has been registered and is currently in the production testing stage.



WE OFFER OUR CUSTOMERS

“ INNOVATIVE SOLUTIONS

IN DESIGN ”

ŞİŞECAM GLASS PACKAGING'S HEAD OF DESIGN, TAMER ÖZTÜRK, TALKS ABOUT HOW THE CONCEPT OF INNOVATION IS APPLIED AT ŞİŞECAM GLASS PACKAGING AND HIGHLIGHTS THE IMPORTANCE OF DIGITALIZATION FOR BOTH INNOVATION AND THE INDUSTRY-WIDE TRANSFORMATION IT BRINGS.



Tamer Öztürk,
Şişecam Glass
Packaging Design
Manager

What's the importance of innovation in the glass industry? Could you tell us about the transformative changes it will bring to the industry?

When we talk about the fourth industrial revolution, or the digitalization of industry, we observe that never-before-seen innovations and/or incremental innovations, which involve changes to an existing product or system, are extremely important. On the other hand, people today also talk about disruptive innovation, which could be

exemplified by the emergence of 3D printers.

The digitalization of company-wide processes, the more effective use of big data, and the switch from mass production to customized mass production have given rise to transformation in the industry. The major changes include the shortening of time to market via the production of more complicated, smaller-lot products for the customer, the expansion of customer-specific production and the achievement of maximum

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automation in manufacturing to boost production flexibility, the ability to create flexible and collaborative processes by producing more with less, and the increase of overall efficiency through the effective use of energy. In summary, the biggest innovation on a global scale is that your “Way of Doing Business” is changing.

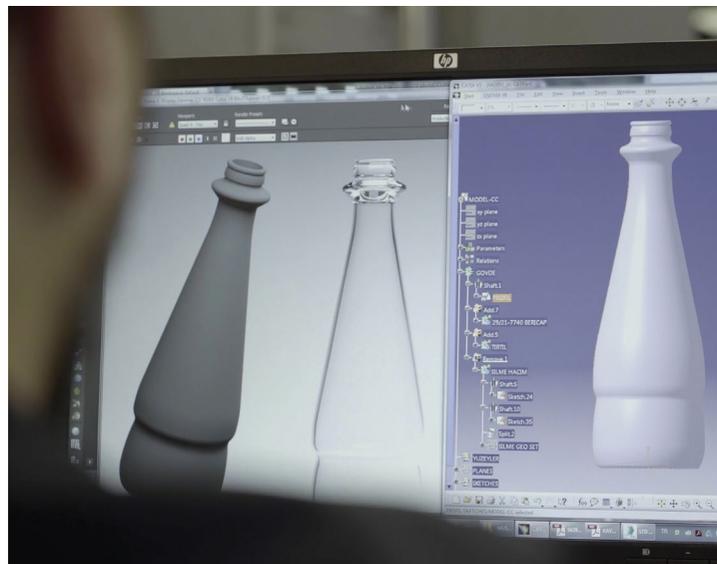
Is there something your department achieved for the first time? Could you tell us about it?

As the Design Department of Şişecam Glass Packaging, we’re focusing on creating a market where complicated, high-budget items can be made simpler and more affordable. To this end, we care a great deal about improving glass packaging products, achieving sustainability in our products and production processes, and undertaking innovations that make production more efficient.

We test our products at the design stage to ensure that they can be used hassle-free in real life. This testing process is also applied to items that are in production but that could be made lighter or better. Here, we take advantage of these products’ computer-aided analysis. Our 125-g mineral water bottle in our Ultra-Light Product Pressurized Product category is one such example. We used our experience in the analysis process to improve this design, which was later marketed as a product. Prior to that, in 2010, we paved the way for another significant accomplishment with our glass packaging project developed as an alternative to tin packaging for aerosol products. We made sure that the bottle’s wall was thick enough to withstand the pressure exerted in the existing closing mechanism of tin aerosol packaging, as well as ensuring that the glass bottle’s interior and exterior surfaces would allow

AT ŞİŞECAM GLASS PACKAGING, WE GREATLY VALUE DIGITALIZATION AND THE USE OF DATA. LATELY, WE HAVE FOCUSED ON USING OUR MANY YEARS OF KNOWLEDGE AND DATA TO TEST AND ANALYZE OUR PRODUCTS AND DESIGNS IN A COMPUTERIZED SETTING.

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for the fixed-position assembly and leak-proof quality of the plastic/tin valve used in this closing mechanism. We then manufactured our patented glass head design, and later went on to receive an international design award with the 15-cl standard olive oil bottle featuring this head.

Şişecam was also the first company in the world to develop the double-chain twist-off head project, which was created with the aim to ensure that Şişecam Glass Packaging’s jar-filling customers’ periodically changing needs could be met at all times, as well as to lower the company’s overall costs. The first double-chain twist-off head design was successfully tested on an existing product in 2011 before it was manufactured.

How do customer expectations shape innovation in the industry? Based on customer feedback, what area needs improvement the most?

We believe in the idea that “The product is designed in the mind of the customer,” so we make a point of interacting with the customer in every phase of design and development. By doing so, we’re able to experience the full scope of business development with the customer and create authentic products as a result. We offer innovative solutions for our customers’ demands by considering several factors like differentiation in design, differentiation in product, differentiation in quality, differentiation in customer relations, differentiation in designing a product for the

customer by adapting to the customer, and differentiation in coming together with the customer. In other words, we aim to be a company that provides more and faster services to our customers. As a company, we want to lower the amount of time and money our customers waste, to focus on formulas that make their lives easier and lower their total costs, and to provide guidance as a way of making them feel valuable.

What are the latest trends in the industry?

If we look beyond our industry, I think that the trend across all sectors is digitalization and integration. By integration, I mean the vertical and horizontal integration of a company. We could think of this as the effective, integrated operation of all elements in a company, like marketing, sales, planning, production, logistics, as well as the customer. This also entails the procurement of instant data flow and feedback. Other important parameters include the creation of an ecosystem instead of a value chain within the company, and for a company’s employees—who are essentially its first customers—to be educated and trained in this matter.

Does the high cost prove a deterrent for investments in innovation? What are your thoughts on the return of this investment?

Investments in innovation can be expensive at first. You have to conduct R&D, numerous research projects, invest in equipment and software for testing purposes, and then observe how your products perform with customers and in the market. You do optimization again and again when needed. Yet the cost shouldn’t be a deterrent. If we look to companies in the near past that have invested in innovation, and if we consider the profit margins

they earned as a result, we can clearly see that investment costs should not be a deterring factor. Then there are disruptive innovations, where the results of said innovation become incredibly interesting. When you consider the relationship between speed and cost, it's also clear that investments which require a great deal of capital up front end up costing less in the long run, as is the case with 3D printing, industrial robots, sensors, and drones. Conversely, R&D investments aren't always directly related to whether a company is innovative. When consider the top 10 companies in the world that invest the most in R&D, we see that not all of them rank among the top 10 most innovative companies.

What do you think about the innovative force of the Turkish glass industry? Do you think there are different steps that should be taken?

When I consider the necessity of digitalization and use of the Industrial Internet of Things (IIoT), I believe that education, awareness, and teamwork will generate many innovations. As I said before, the first steps that must be taken are the digitalization of company-wide processes, the use of data, and the creation of awareness regarding an integration culture instead of a value chain. Additionally, when you consider "cyber-physical systems" as a whole, it's very important to simulate and optimize the entire process, from raw material to getting the product to the customer. Here, I'm talking about creating a digital simulation of the entire production line, fabrication, and the product, building a digital duplicate of the product. All these factors will boost customer satisfaction and, therefore, company credibility.

Could you tell us about the innovative projects that are currently in development?

As a department, we greatly value digitalization and the use of data. Lately, we have focused on using our many years of knowledge and data to test and analyze our products and designs in a computerized setting. To this end, we have started to first test the wall thickness values we want to achieve in our glass packaging products in the design phase, before moving on to production. I believe our next goal will be to simulate our entire production line.

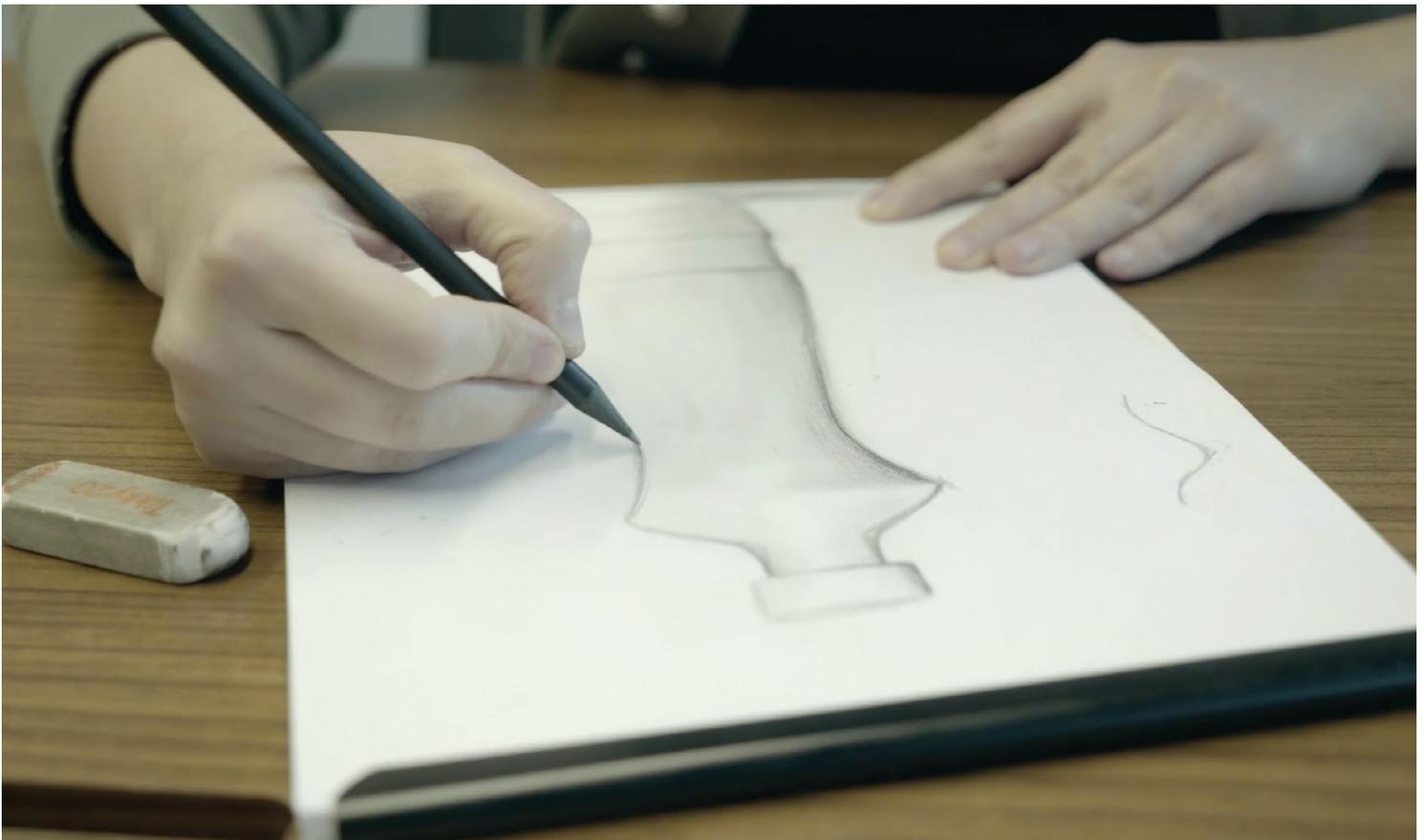
Another one of our innovation projects is the "Secura" Non-Shattering Casing project, which increases the resistance of glass against impact and prevents the glass from shattering when broken. The project is also expected to contribute to the recycling of glass. We expect this project will find areas of use in many industries, and we aim

to make "Secura" available to consumers within 2017.

Last but not least, another one of our innovative product projects is our Pasteurizable Organic Colored Bottle. Born from the meeting of environmentally friendly glass packaging with environmentally friendly organic dye, the product is free of heavy metals and BPA and comes with a low carbon footprint.

Has Şişecam Glass Packaging undertaken any innovations that opened new markets for the company?

Our IS machine-compatible glass jar, which is used as a standard product, comes with an innovative design that features a heat-treatable head, which allows for the use of two molds and prevents any leaks. This design also provides a hermetic seal, which protects the jar from microorganisms and air. This is a new market for us.



ACADEMY

SEMINARS
CONTINUE!

The popular Academy Seminars were started in 2016 to provide Şişecam employees with information they can use in their work and daily lives in a short amount of time. These seminars continue in 2017 with different topics and speakers. The company has planned a series of seminars -throughout the year at Şişecam Headquarters and Şişecam plants. The first seminar of 2017 was Özlem Çakır's "Manage Your Personal Brand," held on March 14. Held at Şişecam Headquarters, the event drew in nearly 250 attendees, who learned about the finer points of building an effective and successful image, the effect of this image on people, body language, and outfit selection.



2017 EDUCATION

PREFERENCES
MADE

Following the analysis of needs for 2017, the Education and Development Catalog was prepared on the basis of position/job family. By perusing the catalog, employees were able to notify Şişecam Academy of their course preferences from February 10-23. In addition to the courses listed in the catalog, the company also plans to centrally manage participation in school or certificate programs.



ENGLISH

COURSES
STARTED

Şişecam Academy started its English Language Development Program in February 2017. The 18-month program started with in-class education for 10 groups at the Şişecam Headquarters and 8 at Şişecam plants. In addition to in-class education, the program also features courses on a digital platform made available to users. In order to help employees improve their English language skills, the program was designed as a hybrid curriculum, in contrast to existing schemes. The different methods and techniques used in the program ensure that it adapts to the user's learning speed, is consistently available, supports effective learning via instant feedback and assessment, enables users to connect to other users, and supports participants in being lifelong learners.



E-LEARNING

METHODS
ON THE RISE

The company has started to adopt different methods in Education Technologies in order to focus on company-wide production. To this end, Şişecam Academy provided all employees with access to e-learning sessions on "Global Leadership Model" and "Protection of Personal Data" in January and February. With the aim of increasing company-wide production activities in 2017, Şişecam Academy seeks to benefit more from technology to offer employees greater innovations in education technologies.

NEW CHANGES TO

FLEXIBLE FRINGE BENEFITS

emeğinize
sağlık



Started in 2015, the Flexible Fringe Benefits System was once again presented to employees in 2017 with existing and new offers. Following the selections made via the Flexible Fringe Benefits portal:

- Of the 4,400 white-collar employees in total, 3,602 signed up for health insurance with in-patient treatment coverage, 774 for in-patient + out-patient treatment coverage, and 24 for in-patient + out-patient + dental/vision coverage.
- A total of 554 employees signed up for health insurance coverage for their spouses and kids, with 774 family members offered health care coverage.
- 3,685 employees joined the Flexible Fringe Benefits System by making their selection via the portal.
- 384 employees chose to contribute to the Personal Pension System.
- 2,181 employees chose the Discounted Fuel Card, which was added to the system this year.

Additionally, blue-collar employees not included in the Flexible Fringe Benefits System were once again offered Complementary Health Insurance, with coverage provided to 7,496 blue-collar employees this year.

OCCUPATIONAL HEALTH AND SAFETY TRAINING

IN MERSIN

The first Occupational Health and Safety Training of the year at the Şişecam Flat Glass Mersin Plant was held on January 2-3, 2017, at the Tarsus OIZ conference room, with 177 attendees. All plant managers in the training, led by the Şişecam Flat Glass Mersin Plant General Manager. Participants were given

information about the topics in regulation, particularly to meet the main goal of occupational health and safety, which is "To ensure a healthy and safety workplace environment, to determine ahead of time and take the necessary precautions against the factors that may pose a threat to employee

health, to provide employees with a comfortable and safe workplace environment with a minimized risk of occupational accidents or occupational illnesses, to protect the mental and physical health of employees, and to ensure the continuity of production." The managers at the Şişecam Flat

Glass Mersin Plant emphasized their focus on the subject to increase awareness. Additionally, the personnel of the Şişecam Flat Glass Mersin Plant were presented with awards for following the Occupational Health and Safety Rules in 2016 and serving as an example to other employees.





A VARIETY OF EVENTS FOR THE ŞİŞECAM EMPLOYEES OF THE FUTURE

ŞİŞECAM GROUP CONTINUES TO SUPPORT YOUNG GENERATIONS WITH A RANGE OF EVENTS AT THE UNIVERSITY LEVEL.

Şişecam offered employment to 4 management trainees (MTs) who participated in the "Young Talent in Finance All-in-One" Management Trainee (MT) program designed for the Financial Affairs Job Family. The MTs, who were offered the position following a selection and placement process, began work at Şişecam on November 1, with a welcome breakfast at the Financial Affairs Directorate where company executives were in attendance. The new employees were then placed into a comprehensive, month-long orientation program, which included a visit to the Mersin Plant, group visits, e-Learning courses, and coffee meetings with high-level executives. The success of the Finance MT program is expected to serve as an example for future MT programs.

ORIENTATION INTERNSHIP PROGRAM

Now in its second year, the "Orientation Internship Program" co-hosted by Sabancı University saw 12 Sabancı students intern at Şişecam for 2 weeks in January. Participants in the program got to experience the operations in various departments, have discussions with executives and employees, as well as enjoying a chat with Vice Chairman and CEO Prof. Dr. Ahmet Kirman. The participants greatly enjoyed the internship program, which ended with a technical visit to the Kırklareli Plant of Paşabahçe Cam San. ve Tic. A.Ş.

NOVEMBER-MARCH EVENTS

Şişecam continues to host events at the university level for the 2016-2017 school year. Between November and March, 60 events in total were held at 29 universities, including technical trips, interview simulations, case competitions, and university talks. These events also drew the support of 46 Şişecam Group employees and executives.

10,000 APPLICANTS FOR THE INTERNSHIP PROGRAM

The application process for the "Şişecam First Step Summer Internship Program," which ended on February 28, drew in 10,000



applicants. Following assessments and interviews, 491 summer interns are expected to join the Şişecam Group this year.

LONG-TERM PROJECT INTERNSHIP PROGRAM ENDED

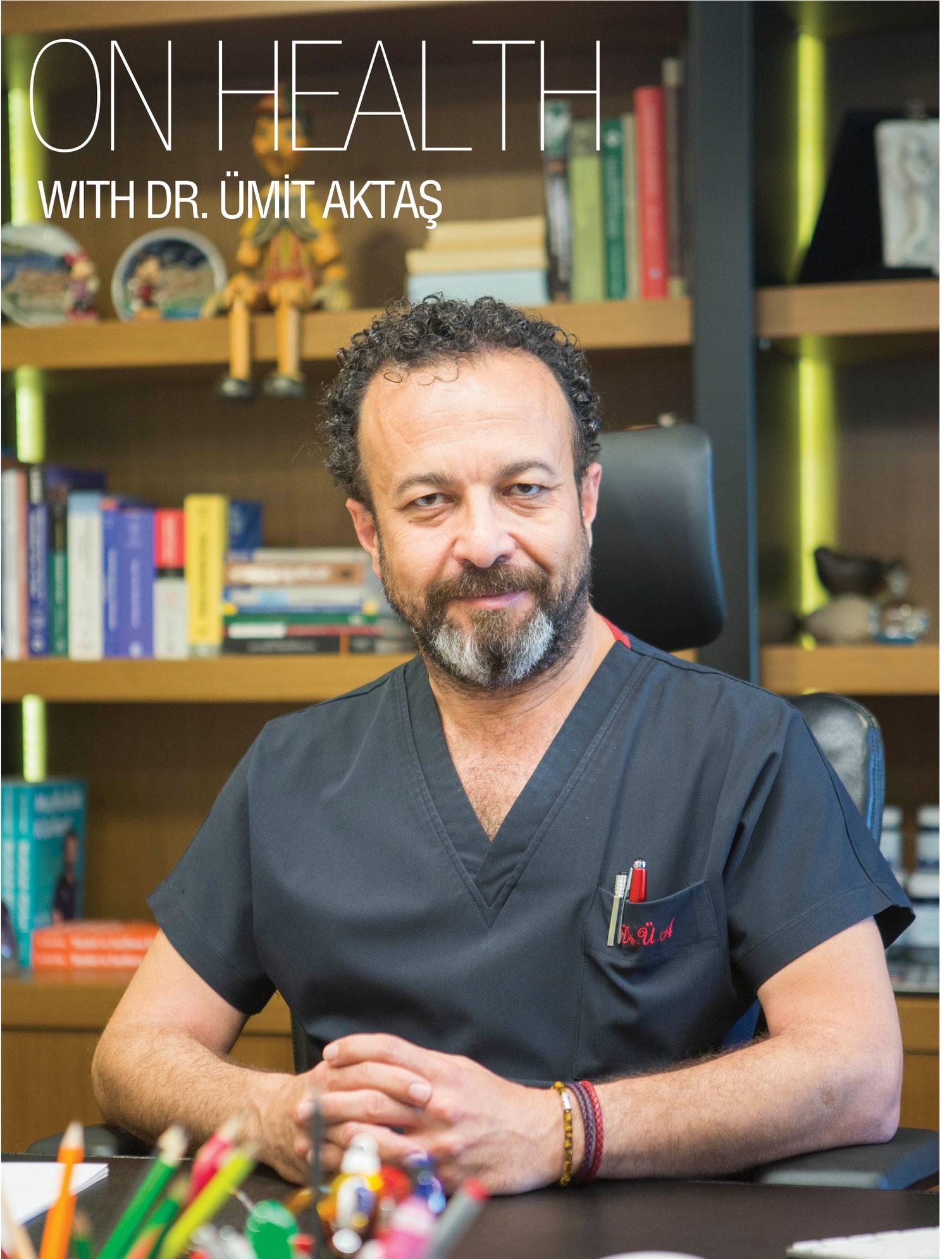
Şişecam Group's largest candidate pool for hiring recent graduates, the Long-Term Project Internship Program will include 28 project interns, based on the project requests received from different departments. The hiring process for 20 of these interns was completed in a short amount of time, with interviews continuing for the remaining positions.



Sabancı University Students at a Technical Visit to the Paşabağçe Kırklareli Plant

ON HEALTH

WITH DR. ÜMİT AKTAŞ



THE AUTHOR OF THE BOOKS “UNMEDICATED LIVING” AND “DRUG-FREE TREATMENT THROUGH PLANT-DERIVED MEDICINE,” DR. ÜMİT AKTAŞ RECENTLY PUBLISHED HIS THIRD BOOK, “DIABETES AND WEIGHT-LOSS TREATMENTS.” WE SPOKE WITH **DR. ÜMİT AKTAŞ**, WHO SHARES NUTRITIONAL ADVICE FOR TYPE 2 DIABETES TREATMENT AND WEIGHT LOSS MANAGEMENT IN HIS LATEST BOOK, ABOUT POPULAR FOODS AND TREATMENT METHODS. YOU’LL ALSO FIND DR. AKTAŞ’S RECIPES FOR AN IMMUNE-BOOSTING TEA AND A SINUS INFECTION TREATMENT IN THE FOLLOWING PAGES.

You’re one of the first medical doctors in Turkey to receive training in phytotherapy. So, what is phytotherapy? Could you tell us more about it?

Phytotherapy is a branch of science that uses plant-derived medicines to treat illnesses and that conducts research on the effects of these plants’ active ingredients on our health. Unlike medical drugs, which come with a great many side effects, plant-derived extracts are safe, as long as they are used correctly and prescribed by a doctor trained in phytotherapy. But there’s something we must never forget; nothing can replace a healthy lifestyle and balanced nutrition. It would be ludicrous to eat foods laden with additives and chemicals, to consume plenty of sugar, pastries, and desserts, to lead an inactive lifestyle, and then expect plant-derived treatments to do the trick. What we must focus on instead is to take preventative measures by eating a balanced diet and consuming the proper foods to prevent illnesses before they occur.

In your previous books, you provided information about more general treatment methods. Yet your last book focuses on two topics: diabetes and weight management. Is this book due to increasing numbers of complaints you receive in these two areas?

Yes, the starting point for the book were the patients who came to my clinic with type 2 diabetes and whom I cured completely. When you prevent type 2 diabetes, which goes hand-in-hand with excessive weight and insulin resistance,

you also prevent many other diseases. Insulin resistance and type 2 diabetes are also behind heart attacks and Alzheimer’s, which threatens the adult population. Considering this is a health issue that could be cured through healthy nutrition, it’s incredibly saddening that patients’ lives are made miserable through misguided nutritional advice and medical

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MAKE YOUR OWN YOGURT AND PICKLE YOUR OWN VEGETABLES AT HOME

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INSULIN RESISTANCE AND TYPE 2 DIABETES ARE BEHIND HEART ATTACKS AND ALZHEIMER’S

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drugs that do not cure them. With this book, I want to end a misconception that's been going on for years. And, most importantly, I want patients with type 2 diabetes to see that they are not condemned to this disease.

You've previously said, "All of Turkey will be diabetic in 30 years." Is this prediction based on nutritional habits specific to Turkish people, or is it due to the nutritional sources made available to us?

This isn't a threat that only applies to Turkey; the situation is the same in many countries around the world, especially the United States. When you consider the globalization of American fast-food culture, and you look at the supermarket aisles filled with processed foods, it's not surprising at all that obesity and type 2 diabetes have become an epidemic.

In your new book, you say, "You got sick and gained weight because of nutritional mistakes, and you can only solve the problem by changing your nutritional model," stating that you can cure type 2 diabetes in 3 months. Is this really possible?

The patients I've treated over the years are the best proof that this is possible. Even medical school books state that you can cure diabetes with proper nutrition. The reason these patients were not able to find cure is because they were prescribed the wrong nutritional models.

We are often warned by news, documentaries, and experts that many industries which directly affect our lives, such as medicine, seeds, and husbandry, actually pose a great deal of danger. Is the situation truly this dire?

Unfortunately, it is. The good news is that there is now significant awareness building



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TURMERIC HAS VERY STRONG ANTICARCINOGENIC AND ANTIRHEUMATIC PROPERTIES

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around this subject. As the number of people who demand clean food increases, change naturally follows. Farmers are now aware of how important their ancestral seeds are, and while it wasn't possible to find free-range chicken, now you can. The number of producers who respect the consumer are increasing, both in agriculture and in animal husbandry.

All these negative news can get you thinking, "It's best not to eat anything." While we're on the subject, what should we eat? What do you recommend people pay attention to when shopping for food?

Proper nutrition isn't something that's complicated or difficult. First, you must avoid prepackaged foods. Think about your grandmother; she lived quite well without these foods pumped full of chemicals and additives. You should make your own yogurt and pickle your own vegetables at home. Doing this is much

easier than you think. When shopping for groceries, only buy seasonal vegetables and fruits. Eat saltwater fish, free-range chicken, and eggs from free-range chicken. Consume sweetbread. When you find a producer that respects the consumer, you can shop there from then on. For instance, I always buy my traditionally made cheese rich in probiotics from the same producer.

Is there any point to consuming fruits and vegetables in-season? Aren't all of these foods generally produced with similar methods, regardless of the season?

Of course, there's a point to it. To grow a vegetable or fruit off season requires a lot more agricultural pesticides and hormones. Besides, when you consume a summer vegetable in the winter, it is poorer in phytonutrients, minerals, and vitamins. Those precious nutrients are replaced by chemicals, since you've changed the chemistry of the vegetable. Chemically altered foods are bound to alter the chemistry of those who eat them, too.

What do you think about the belief that the pesticides and other chemicals applied to fruits and vegetables are found in the skin or rind, so it's safe to consume these fruits and vegetables is safe as long as they are peeled?

It is absolutely not true that the agricultural pesticides sprayed on fruits and vegetables are only found in the skin, that toxic ingredients do not penetrate the fruit or vegetable itself. Yes, I also recommend that people wash fruits and vegetables thoroughly. But no amount of washing or peeling will get rid of the chemicals that have penetrated these fruits and vegetables. That's why I recommend that people consume seasonal fruits and vegetables grown with traditional methods. That way, you can guarantee that fewer chemicals have come in contact with your food.

Discussions surrounding GMOs have been popular for a few years. There are groups who defend that GMO foods aren't all that harmful. We'd also like to hear from you; what is a GMO, and how harmful or safe is it?

Foods with Genetically Modified Organisms (GMOs) entered our lives without any research into whether they are harmful or not. Many studies done on animals indicate that GMO foods pose a risk for many health issues, from infertility to immune problems, rapid aging, disruption of the insulin metabolism, and other illnesses that affect the major organs and the digestive system. Do these sound familiar? Aren't these the illnesses we encounter most frequently in modern life? What about testing on humans? We are already part of an experiment that has lasted for years. I would also like to remind people that there are studies which indicate that GMO foods can cause unforeseen changes to our genetic structure. I invite those who claim they "aren't all that dangerous" to look into these studies.

Another topic of debate is gluten. Could you tell us about gluten sensitivity?

With the introduction of modern wheat, our bodies encountered an unfamiliar and aggressive gluten molecule. This molecule, which sticks to the walls of the intestine and disrupts intestinal permeability, also brought with it a condition known as celiac disease in medical literature. What's even worse is that we do not have to have celiac disease to develop intolerance to the gluten in modern wheat. Latest research suggests that the rate of gluten sensitivity in society has reached 30%. This sensitivity manifests itself by mimicking many chronic illnesses. You'll go from doctor to doctor thinking you have rheumatism, chronic fatigue syndrome, colitis, or infertility, when the real the problem is gluten sensitivity. In other words,

if you cut out bread and wheat-based products, you'll find the cure.

You use turmeric, considered to be last year's superfood, in some of your condition-specific treatments. What advice do you have about turmeric consumption?

Curcumin, a substance found inside turmeric, is one of the most researched herbal ingredients in recent years. There have been and continue to be many studies done on this substance's strong antioxidant, anti-inflammatory, and anticarcinogenic properties, as well as its effect in preventing Alzheimer's. Adding turmeric to your diet is a good strategy, but it's not enough. In order to get an effective amount of curcumin, you would have to consume very large amounts of turmeric. To get a sufficient amount of active ingredients, I recommend turmeric extracts to my patients. Turmeric has very strong anticarcinogenic and antirheumatic properties. I particularly recommend these types of herbal ingredients for their protective properties. In other words, you should use them as part of a balanced nutritional model to prevent illnesses.

We also sometimes receive recommendations for nutrients and nutrition that suddenly become popular and receive a great deal of media coverage. Is there a way of distinguishing what is true from what is false? How would you classify nutrients like avocado, coconut oil, chia seeds, and quinoa, whose consumption are recommended more frequently in recent years?

First, the aim should not be to focus on consuming what are called superfoods; the aim should be to ensure that our whole nutritional model is healthy. For instance, let's consider the avocado. It truly is a beneficial nutrient, but so are onions, garlic, leek, and broccoli. Coconut oil has become a popular nutrient in recent years, but if you ask me, I

would advise against looking for recovery in oils endemic to distant geographies when we've got our fragrant, cold-pressed olive oil.

According to studies cited more frequently in the news over the last 10 years or so, our intestines are our second brain. You also advocate that intestinal health directly affects psychological health. According to this claim, those who wish to overcome depression should first make sure that their gut health is in good condition.

What would you recommend on this subject?

A healthy gut flora is the best defense against all health issues, from depression to diabetes. There are a few things to consider when protecting gut health. First, people should consume fermented nutrients rich in probiotics, such as homemade yogurt, homemade vinegar, homemade pickles, and kefir. Protecting your probiotics is just as important as

consuming probiotic-rich foods. This means staying away from sugar, carbohydrates that the body converts into sugar, and foods that are full of industrially manufactured chemicals. These foods will disrupt the gut flora. We know that the aggressive gluten found in modern wheat disrupts intestinal permeability. It's also very important not to use antibiotics unnecessarily, as a single course of treatment with antibiotics will destroy almost all probiotic bacteria in your body.

Cancer ranks as the number one disease threatening people today. Even though chemotherapy is the preferred method of treatment, there are still debates around this issue. On the other hand, there are also a great many studies on the healing properties of certain plants. What could you tell us about chemotherapy and herbal treatment methods?

The first thing we are taught in medical school is "First, do not harm." So, when you are treating a patient, you must choose the option that does the least harm. Chemotherapy is a treatment method that directly goes against this important principle. In fact, many patients who receive chemotherapy end up losing their lives not because of the cancer but because of the chemotherapy. When it comes to cancer patients, the goal should be to support the immune system and strengthen it as much as possible. Our biggest defense against cancer cells is our immune system. But what does chemotherapy do? It shuts down the immune system. All over the world, there are studies done on the effects of certain plants in cancer treatment. We still have a long way to go when it comes to curing cancer. However, based on my experience, I would like to state that it is extremely important to support cancer patients' treatment with herbal supplements whose effects are proven as well as a balanced nutritional model.

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DON'T LOOK FOR
RECOVERY IN OILS
ENDEMIC TO DISTANT
GEOGRAPHIES WHEN
WE'VE GOT OUR
FRAGRANT, COLD-
PRESSED OLIVE
OIL”



A CURE FOR
THOSE
SUFFERING
FROM SINUS
INFECTIONS!

Sinus Infection Treatment

INGREDIENTS

1 black radish, grated
Zest of 1 lemon and juice of 1/2 lemon
2 teaspoon powdered ginger
3 teaspoons Karakovan honey

DIRECTIONS

Mix together all ingredients to form a paste. Consume 1 teaspoon 3 times a day, at morning, noon, and night. Do not consume anything else for 45 minutes afterward. Follow treatment for 75 consecutive days. (For kids, 1 tablespoon 2 times a day will suffice.)

IMMUNE-BOOSTING Tea

This tea is great for your health, particularly in cold weather.

INGREDIENTS

1 teaspoon linden flower
1 teaspoon green tea
1 teaspoon licorice root
250 cc boiling water

DIRECTIONS

Place all ingredients in a porcelain or glass cup, then add boiling water. Steep for 10 minutes before drinking. You may consume 4-5 cups a day. Enjoy!

CITIES THAT LOVE WATER

CITIES THAT LIVE IN CLOSE CONTACT WITH WATER HAVE A SOUL OF THEIR OWN... HERE ARE THE AQUATIC CITIES OF EUROPE THAT LEAVE TRAVELERS MESMERIZED WITH THEIR BREATHTAKING VIEWS, FROM PARIS TO BUDAPEST AND STOCKHOLM TO VARNA...

ENDLESS ROMANCE: Paris

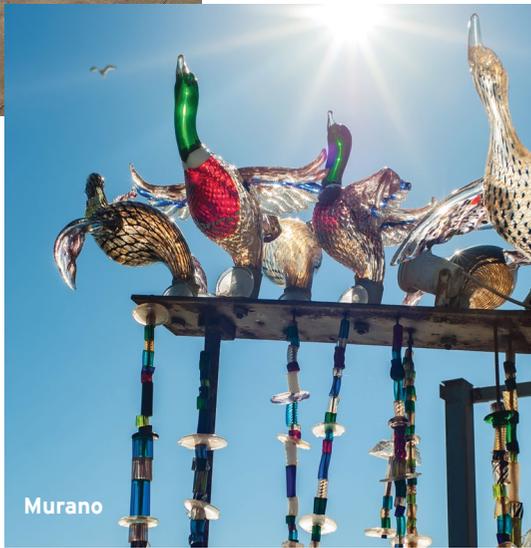
Paris is one of the world's most spectacular cities, thanks to its fashion, gastronomy, and dynamic art scene. Its dizzying colorfulness aside, if we had to describe Paris in one word, it would be "romantic." The most important reason Paris is the world's capital of romance is the Seine River. This waterway running from one end of the city to the other, as well as the 37 bridges dotting it like pearls, grace the city with endless views. In Paris, life revolves around the Seine River. The most iconic structures and historic buildings in the city are lined on both shores of the river. Although seeing the Eiffel Tower, Notre Dame, or the Louvre Museum are among the "must-do"s when visiting Paris, you should also save some time for the Seine River and its bridges. You can discover these bridges on foot, with the oldest and most famous one being Pont Neuf; the widest, Belle Époque; and the one that reflects the decorative style of its era the most, the majestic Pont Alexandre III. It's also exciting to watch the City of Lights after dark from the river, atop one of the Bateaux Mouches guided tour boats. The Seine River is the number one place to escape for Parisians. Since 2002, the Paris-Plages program has been providing a getaway for city-dwellers with an artificial beach featuring palm trees and sand along the Seine River for four weeks a year. As the city is a candidate for the 2024 Summer Olympics, there are ongoing efforts to make the water fit for swimming in the next few years.



San Marco



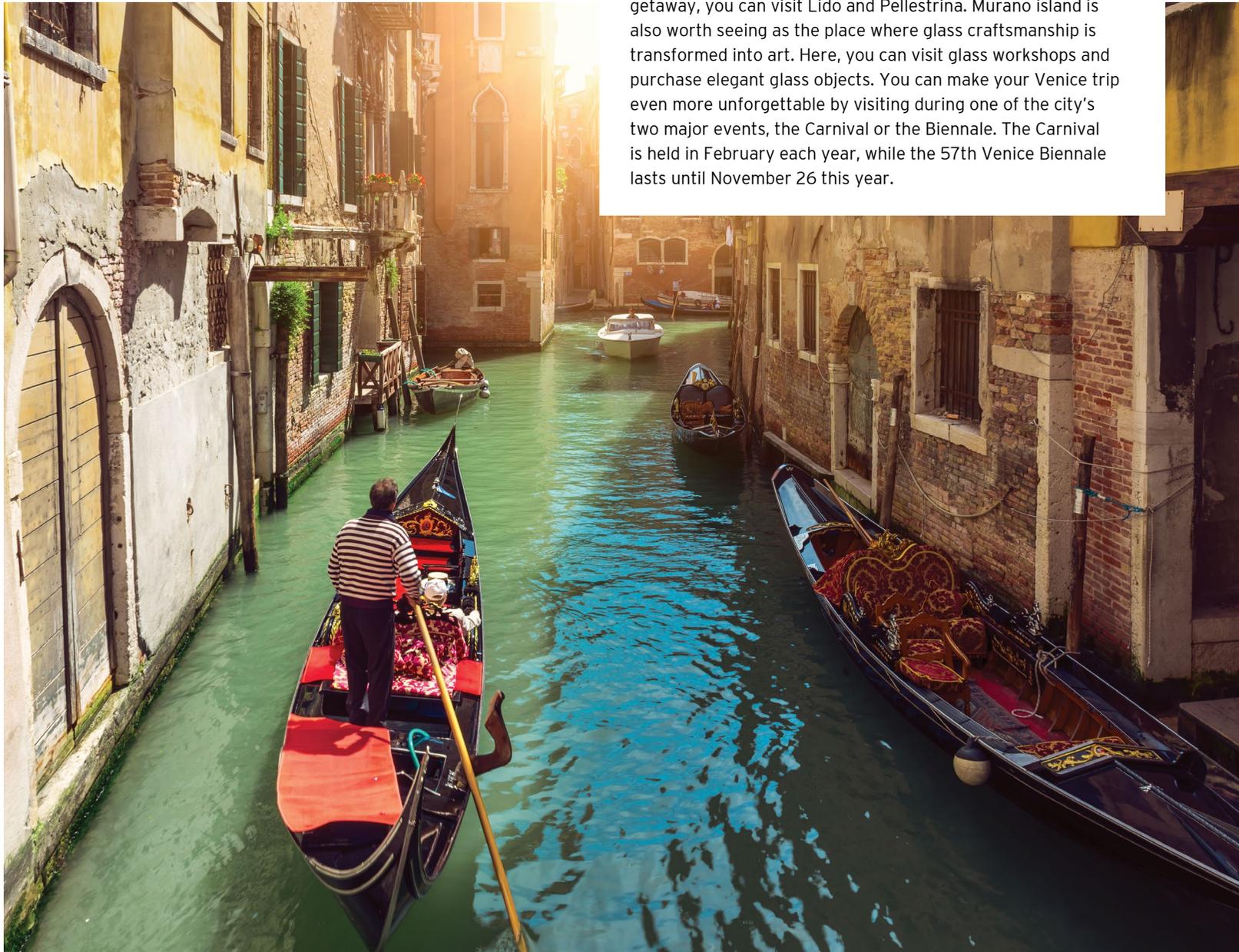
Murano



Murano

THE SWIMMING CITY: **Venice**

Spread across more than 100 islands on the Adriatic Sea, Venice is one of the world's most beautiful cities, with 150 canals, 400 bridges adorning those canals, as well as incredible palazzos and piazzas that date back to the 16th and 17th centuries... Touring the canals in Venice on a romantic gondola or vaporetto is a prerequisite of any touristic journey, and it's also the best way to take in the views of the city. You can hop on a vaporetto from one of the stops along the Grand Canal, which divides the city in two. The Rialto Bridge connecting San Polo and San Marco is one of the symbols of the city, where you'll find all sorts of souvenirs in the shops along the bridge. Located at the foot of the bridge, the Piazza San Marco is a popular site that houses the St. Mark's Basilica covered in Byzantine mosaics and the Doge's Palace. When you're overwhelmed by the touristic crowds in Venice, you can escape to the islands a little outside the city. To experience Venetian cuisine in its most authentic form, you can head to Sant'Erasmus, Mazzorbo, and Giudecca, and for a beach getaway, you can visit Lido and Pellestrina. Murano island is also worth seeing as the place where glass craftsmanship is transformed into art. Here, you can visit glass workshops and purchase elegant glass objects. You can make your Venice trip even more unforgettable by visiting during one of the city's two major events, the Carnival or the Biennale. The Carnival is held in February each year, while the 57th Venice Biennale lasts until November 26 this year.



THE PEARL OF THE DANUBE: Budapest

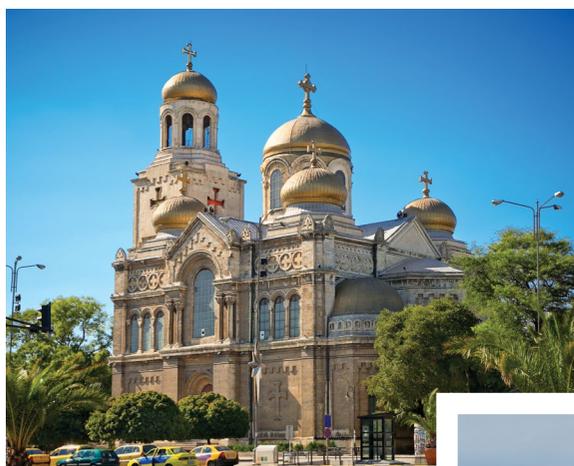
The Danube River, which separates the old Buda district from the modern Pest, is the lifblood of Budapest. This magical Central European city owes its magnificence to the Danube. Mother Nature was quite generous when it comes to Budapest, one of the most beautiful cities with a river flowing through it. The most charming of the bridges that connect the two shores of the city is Lanchid, or the Chain Bridge. The stone bridges dating back to the Ottoman Era still retain their appeal. The city enjoys the full dynamism of a European capital in the modern side of the city, Pest. In Budapest, every road leads to the Danube, and one of the best ways to enjoy the city is to go for an afternoon walk alongside the view of the Gellért Hill, across from the silhouette of the Buda Castle and the Hungarian Parliament Building. For those who wish to look at Budapest from a different angle, participating in one of the boat tours on the Danube is a must. Seeing the city's elegant buildings and bridges up close during a romantic boat tour is an unforgettable experience. Another one of the gifts the Danube bestows upon Budapest is Margaret Island. Situated right in the middle of the river, the island's lush greenery and tranquility are perfect for those seeking a bit of peace. Thermal baths are another must-have experience on a trip to Budapest. The Gellért, Széchenyi and Rudas thermal baths are some of the best in the city in terms of both architecture and luxury.

Lanchid



Gellért Thermal Bath

Margaret Island



Varna railway station



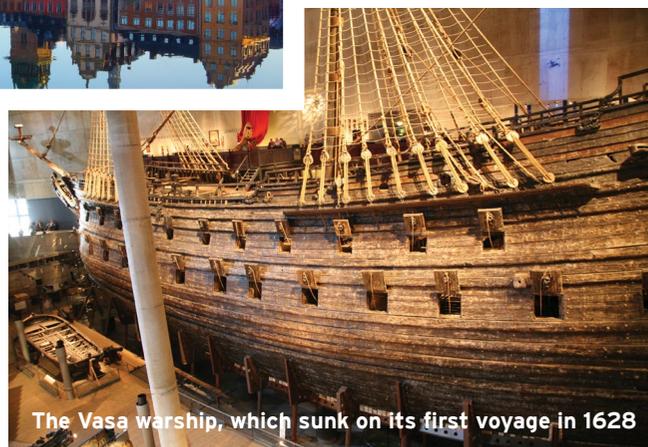
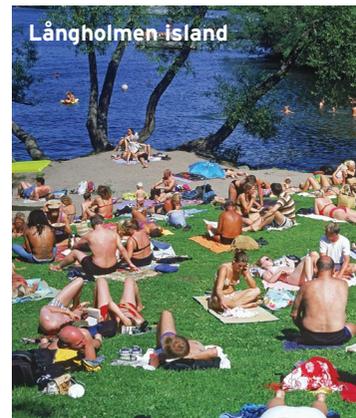
Varna

Varna is the third largest city in Bulgaria after Sofia and Plovdiv. Situated on the Black Sea shore, Varna is the shipping capital of the country. It is also a popular summertime destination, particularly for European tourists. The city's population increases fivefold in the summer, reaching 1.5 million. Varna boasts a diverse selection of touristic facilities, from spa centers to golf hotels. If you keep to the shores during your visit to the modern and well-organized Varna, you'll get to take in all the beauties of the city. You can start your tour at the historic railway station known for its Art Nouveau style. Afterward, you can take a break at Morska Gradina, also known as the Sea Garden. The largest park in the Balkans, the Sea Garden also boasts a Naval Museum with historic ships docked out front, an aquarium that dates back to 1932, cafes, kids' playgrounds, and bicycle paths.

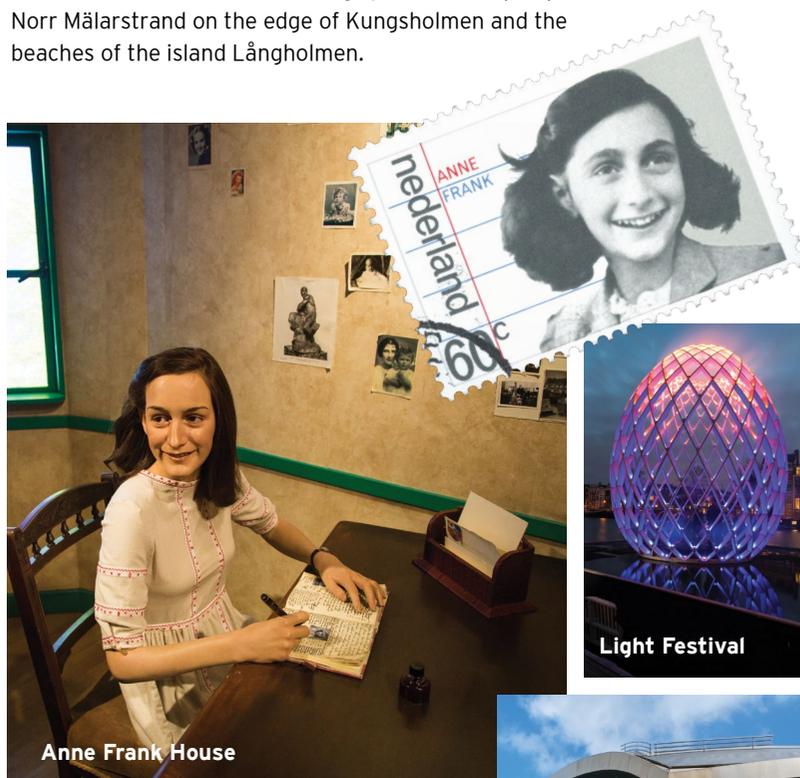
The restaurants along the waterfront offer views of the Black Sea and are popular for their seafood. Some of the other must-see touristic destinations include the Varna Cathedral, the Opera Theatre, the Nezavisimost Square, and the Aladzha Monastery. The ideal destinations for those who wish to do some retail therapy and enjoy a meal afterward are the Maria Luiza, Slivnitsa, and Knyaz Boris I boulevards. If you're visiting Varna during the summertime, be sure to check out the charming seaside villages nearby such as Burgas, Nessebar, Balchik, Zlatni Pyasatsi, and Albena.

A SCANDINAVIAN TALE: Stockholm

The capital of Sweden, Stockholm is a captivating Scandinavian city that manages to be both calm and dynamic. Spread across 14 islands on the Baltic Sea and Lake Mälaren, Stockholm is full of bridges and canals. Naturally, water is the source of Stockholm's life energy, and the best way to explore the city is to walk along the shore. In Gamla Stan, the Old town, the most famous museums and historically significant sites are lined along the waterfront. Stockholm's liveliest spot is Södermalm, which is home to the popular shopping street Götgatan, known for its cafes, restaurants, and art galleries. Another way to discover Stockholm is to take a guided water-skiing tour on Lake Mälaren. The most popular destination during the summer months is the Stockholm archipelago, which consists of 30,000 islands and rocks and extends from the east of the city towards the Baltic Sea. There are countless options for things to do on these islands. You can watch the sunset from the largest island, Svartsö; enjoy a picnic and visit the museum that houses the Vasa warship, which sunk on its first voyage in 1628, on the lush Djurgården; or follow in the footsteps of the Vikings on Nynäshamn. Stockholm's most ideal swimming spots on sunny days are Norr Mälärstrand on the edge of Kungsholmen and the beaches of the island Långholmen.



The Vasa warship, which sunk on its first voyage in 1628



Anne Frank House



Light Festival



Van Gogh Museum

THE CITY OF CANALS: Amsterdam

Who doesn't love Amsterdam? Whether you're looking for excitement or tranquility, Amsterdam delivers. Its vibrant culture and arts scene, historic heritage, and bohemian lifestyle aside, Amsterdam manages to captivate everyone with its nature. Its 165 canals totaling nearly 100 kilometers, colorful waterfront buildings dating back to the 17th century, and hundreds of stone bridges give Amsterdam an atmosphere that you won't find elsewhere in the world. Visiting the boat cafes or taking guided boat tours or dinner boat tours are a few ways to discover the canals. It's no surprise that this unparalleled place inspired Rembrandt and Van Gogh. Amsterdam is a dream-come-true for pedestrians and especially for bicyclists. Riding along

the canal shore or along the bridges connecting the streets is an enjoyable experience in itself. Although Amsterdam is a small city, there is a great deal to see here, with some of the must-see sites including the Hermitage Amsterdam, housed in a historic building overlooking the canal; the Van Gogh Museum; the Anne Frank House; the Rijksmuseum; and the expansive, lush Vondelpark right next to it. One of the best times to experience the city's canals in a unique way is during the Light Festival, which starts in December and lasts until the end of January each year, and features the works of talented light artists presented along the canals and walkways in Amsterdam.



ICE-COLD COFFEE

HOW WOULD YOU LIKE YOUR COFFEE?
HERE ARE BOTH CLASSIC AND TRENDY
RECIPES FOR THOSE LOOKING TO COOL
OFF IN THE SUMMER HEAT.



Iced Latte

WHEN IT COMES TO COFFEE SERVED COLD, THE FIRST OPTION THAT COMES TO MIND IS AN ICE-COLD ICED LATTE.

INGREDIENTS

60 ml (two shots) espresso

1 cup milk

1 scoop ice

DIRECTIONS

Fill two-thirds of a tall serving with ice. Add cold milk and espresso. Stir gently and serve.





Iced Mocha

A CLASSIC REFRESHMENT THAT GETS ITS FLAVOR FROM THE WONDERFUL COMBINATION OF CHOCOLATE AND COFFEE.

INGREDIENTS

60 ml (two shots) espresso
2 cups milk
4 tablespoons cocoa powder
1 scoop ice

FOR GARNISH

Chocolate sauce
Whipped cream

DIRECTIONS

Place espresso, milk, cocoa powder, and ice into a blender. Blend at high speed for around 10 seconds. Pour mixture into tall serving glass. You may garnish the Iced Mocha with whipped cream and chocolate sauce, and add ice before serving, if preferred.



Caramel Frappuccino

ONE OF THE MOST POPULAR SUMMERTIME DRINKS FOR THOSE WHO LIKE THEIR COFFEE COLD AND SWEET.

INGREDIENTS

60 ml (two shots) espresso
1 cup milk
3 tablespoons caramel sauce
1 cup ice

FOR GARNISH

Caramel sauce
Whipped cream

DIRECTIONS

Add all ingredients to blender and blend until ice is crushed, around 30 seconds. You may adjust the amount of caramel sauce to taste. Pour mixture into tall serving glass, then garnish with whipped cream and caramel sauce before serving.



Coffee Milkshake

A REFRESHING DRINK FOR THOSE WHO LOVE COFFEE AND ICE CREAM WHEN THE TEMPERATURES START TO RISE.

INGREDIENTS

1 cup cooled filter coffee or cold brew
4 scoops vanilla ice cream
1 tablespoon chocolate sauce (optional)

FOR GARNISH

1 scoop vanilla ice cream

DIRECTIONS

Blend coffee, vanilla ice cream, and, if using, chocolate sauce in a blender. Pour mixture into a tall serving glass, or divide into two medium-sized glasses. Garnish with a scoop of vanilla ice cream and serve immediately.



Iced Coffee Lemonade

THIS TRENDY BEVERAGE COMBINES THE REFRESHING POWERS OF LEMON AND COFFEE.

INGREDIENTS

1 cup cooled filter coffee or cold brew
½ cup lemonade
Mineral water
Ice

DIRECTIONS

Fill half of a tall serving glass with ice. Pour in the lemonade first, then the coffee, and mix. Fill the rest of the glass with mineral water. Garnish with lime wedges and fresh mint, then serve.



MUSEUMS WITH A PENCHANT FOR GLASS

THE STORY OF GLASS IS AN ENDLESS TALE OF HISTORY, DESIGN, CULTURE, TECHNOLOGY, AND SCIENCE... TAKE A CLOSER LOOK AT THE MUSEUMS THAT TAKE PART IN THIS STORY WITH SOME OF THE LARGEST GLASS ART COLLECTIONS IN THE WORLD, FROM THE VICTORIA & ALBERT MUSEUM TO HENTRICH GLASS MUSEUM.



Victoria & Albert Museum



Victoria & Albert Museum



Museum of Glass



Museum of Glass



Museum of Glass

CHRYSLER MUSEUM OF ART, NORFOLK

The Chrysler Museum of Art boasts one of the world's richest glass collections. The museum's collection features over 10,000 glass objects from different eras and artistic styles, ranging from Art Nouveau to Art Deco. Famous American artist Louis Comfort Tiffany's works make up a significant portion of the collection. Other noteworthy pieces from the collection include examples of French art glass and English glass working. You'll also find works by leading figures in the American Studio Glass movement, one of the most important movements in modern glass art. Visitors to the museum's glass studio can also bear witness to the

glass production process and participate in glass workshops.

Must-see: Contemporary glass artist Karen LaMonte's "Reclining Drapery Impression," which depicts a dress made of glass, is one of the most impressive pieces in the collection.

VICTORIA & ALBERT MUSEUM, LONDON

One of the most prestigious art museums in the United Kingdom, the Victoria & Albert Museum boasts an impressive collection with a special focus on glass art. The glass collection includes works from different regions and eras, ranging from the Italian Renaissance to the Middle

East and from the 17th-20th centuries to modern glass art. Stained-glass works from the post-medieval era also stand out. Much of the museum's glass collection can be found in Room 131, opened in 1994. This gallery features glass works as well as objects used in glass production at different times. You'll find interactive screens, glass production maps from all over the world, and short stories. The Mairit Rausing Gallery features modern glass works by international artists.

Must-see: Danish modern glass artist Steffen Dam's 2010 installation "Jellyfish" is an authentic and unusual example of glass art.

MUSEUM OF GLASS, TACOMA

One of the founders of the Museum of Glass is Dale Chihuly, one of the most significant glass artists of our day. The museum's collection focuses on glass art from the 20th and 21st centuries, featuring works by artists from all over the world. The museum was established with the mission to showcase the importance of glass as a material in modern art, and so it houses works by both young, up-and-coming artists as well as well-known figures. The museum also aims to serve as an international platform for dialogue in glass art with its guest artist series. The most extraordinary collection at the Museum of Glass is the Kids Design Glass Collection, in which glass artists bring kids'

drawings to life. The combination of kids' endless imagination with a rich material like glass yields exciting results.

Must-see: Museum co-founder and artist Dale Chihuly's "Bridge of Glass" is a 150-meter-long pedestrian bridge connecting the museum to Tacoma city center.

TOLEDO MUSEUM OF ART, TOLEDO

The heart of America's glass industry, Ohio is home to numerous glass museums. Located in the city of Toledo, the Toledo Museum of Art is the best among them. The museum boasts a rich collection of multi-disciplinary works ranging from painting to sculpture, and its glass collection is among the most comprehensive in the world. The breadth of the collection owes a lot to the museum's founder, Edward D. Libbey, who was the father of the glass industry in Toledo. The nearly 6000 glass works in the collection include antique objects with archeological value as well as examples of modern glass art. As the birthplace of the American Studio Glass movement, one of the forces that shaped the art of glass. Naturally, the museum also houses the most significant works of this movement. The Glass Pavilion designed by famous Japanese architectural firm SANAA is a work of art on its own, thanks to its curving glass walls and innovative architecture. The Glass Pavilion also hosts workshops for amateur glass enthusiasts.

Must-see: Some of the most impressive works in the museum's glass collection are the 500+ examples of Islamic art. The "Toledo Flagon," a large gilded and enameled flask from the Mamluk period, and the mosque lamp dating back to mid-14th-century Egypt, are some of the most striking works in this collection.

THE METROPOLITAN MUSEUM OF MODERN ART, NEW YORK

Founded in 1870, the Met brings together every kind of artistic and aesthetic treasure under one roof.

Since the museum sheds light on more than 5000 years of art, it's no surprise that glass holds a special place here. One of the most comprehensive glasswork collections in the world, with nearly 18,000 objects, the Met's glass collection is presented in 11 departments spanning three separate sections of the museum. The Met's rich glassworks collection includes historic glass artifacts from an extensive geography—from Mesopotamia to Egypt, Ancient Rome, Greek civilizations, and the Chinese dynasties—as well as examples of Islamic and medieval glass art, and modern designs from European and American glass art.

Must-see: Comprised of nearly 100 glass works, the Robert Lehman Collection encompasses a long period of time, from the 15th to the 18th centuries. Most of the objects in the collection are decorative objects gathered from European countries like the Netherlands, Germany, and the Republic of Venice.

HENTRICH GLASS MUSEUM, DÜSSELDORF

Located inside the Museum Kunstpalast, the Hentrich Glass Museum boasts one of the most extensive glass collections in the world. The collection features more than 3000 objects, including works from every era of glass art and every region in the world. You'll find authentic works from the Renaissance and Baroque periods; masterpieces of movements like Art Nouveau and Art Deco; objects from Murano, which gained popularity after the 1920s; bohemian designs from the Czech Republic and Slovakia; examples of post-World War II European art; and much more. In terms of modern art, some of the standout pieces include works by Emile Gallé, Louis C. Tiffany, René Lalique, Stanislav Libensky, and Dale Chihuly.

Must-see: Completed in 2008, Polish glass artist Marta Klonowska's 165-cm glass sculpture "Goat" is among the rare pieces of the collection.

Toledo Museum of Art



The Metropolitan Museum of Modern Art



GLASS IS GLASS AGAIN

SINCE ITS LAUNCH IN 2011, ŞİŞECAM GROUP'S "GLASS IS GLASS" PROJECT HAS MADE SIGNIFICANT STRIDES.



THANKS TO
"GLASS IS GLASS"
COMMUNICATION
EFFORTS



3.5 million
people were reached via
environment and recycling-
focused awareness efforts

collaborations were held with

175 districts
in 22
provinces



223,000

elementary school students
were given education
about recycling



17,400
recycling bins
were donated to local
administrations



740,000
tons
of glass packaging
waste
was recycled



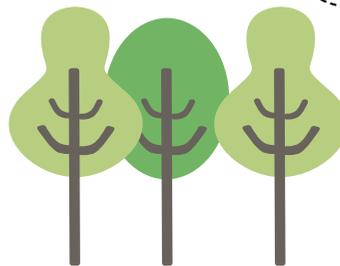
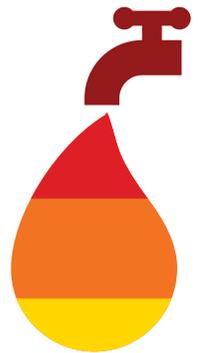
THANKS TO THE
WASTE GLASS
MATERIALS
RECYCLED WITH
THIS PROJECT



The carbon emissions
prevented equaled the
amount achieved by taking
266,500
vehicles off the road

The energy savings
achieved through recycling
equaled the amount that
would cover the heating and
hot water needs of

31,000
residences



The carbon dioxide
emissions prevented
equaled the amount of air
cleaned by

22,860
trees

Glass recycling
rates
on the rise

2011 - % 8, 2012 - % 14, 2013 - % 15,
2014 - % 17, 2015 - % 19, 2016 - % 20,
The goal for the next 5 years - % 45





ÇAYIROVA SPORTS CLUB'S 2016 ACHIEVEMENTS

ŞİŞECAM ÇAYIROVA SPORTS CLUB ENJOYED A SUCCESSFUL SEASON IN 2016. WITH AN ATHLETIC AND MANAGERIAL STAFF OF NEARLY 120 PEOPLE, THE SPORTS CLUB CONTRIBUTES TO NATIONAL SPORTS BY GROOMING ATHLETES IN SAILING, ROWING, AND CANOEING. THIS YEAR, FIVE ATHLETES AND ONE COACH FROM THE CLUB'S ROWING DIVISION TRANSFERED TO THE NATIONAL TEAM, WHILE ITS CANOEING DIVISION CONTRIBUTED THREE ATHLETES AND ONE COACH.

Çayırova Sports Club once again found great success in many national and international competitions this year. The competitions the Club attended, and the places it received, are as follows: Sailing Division: Club athletes participated in a total of 24 competitions—12 regional, 10 national, and 2 international—as part of the Turkish Sailing Federation's 2016 program. These athletes brought home 24 gold, 30 silver, and 17 bronze medals. The athletes came in first place in the Young Sailors category and second place in the Mature Sailors category of the Turkish Pirat League; they were also chosen for the 2017 Pirat National Team and will compete in the European Championship to be held in Germany. Canoeing Division: Club athletes

received one gold and one bronze medal at the International Canoe Sprint Competition in Antalya, which drew participation from 8 countries; 5 gold, 4 silver, and 1 bronze medal at the Still Water Canoe Turkish Cup Competition; and 3 gold, 2 silver, and 1 bronze medal at the Still Water Canoe Olympic Hopes Competition. As the only athlete from the National Team to compete in the finals at the Olympic Hopes Regatta in Hungary, Abbas Anıl Şen came in 8th among 36 athletes in his own category. Club athletes also received 4 gold, 5 silver, and 3 bronze medals at the Sea Canoe Turkish Championships held in May, as well as surpassing all other clubs to receive the first-place prize in the overall competition.



ÇANAKKALE CUP SAILING COMPETITION

The results of the Çanakkale Cup Sailing Competition held at the Şişecam Çayırova Sports Club facilities on March 18-19, 2017:

- Optimist General: 3rd and 4th place,
- Optimist Junior: 1st, 2nd, and 5th place,
- Optimist Women: 3rd place
- Laser: 1st, 4th, and 7th place

RESULTS FROM THE ADANA ROWING RACES

At the Adana Municipality Cup Rowing Races held at the Adana Seyhan Dam Lake on March 18-19, the Young Boys team earned 1st place in the Single Scull category; the Star Boys team earned 2nd place in the Single Scull and 3rd place in the Quadruple Scull categories; and the Star Girls team won 3rd place in the Double Scull category.

ŞİMDİ!

EVENTS

CONTINUE AT FULL SPEED

ŞİŞECAM GROUP'S SOCIAL ACTIVITIES CLUB ŞİMDİ! STARTED 2017 AT FULL SPEED. THE CLUB CONTINUES TO ADD EXCITEMENT TO WORK LIFE WITH A NUMBER OF FUN ACTIVITIES.

A VERY SPECIAL GIFT

ON MARCH 8

The women who work at Şişecam Group once again received a meaningful gift this year. The company lent support to the "Hayatım Yeni Bahar" project, which aims to provide income for local women in Mardin, by gifting handmade items crafted by these women to Şişecam employees for March 8.



HEALTHY LIVING

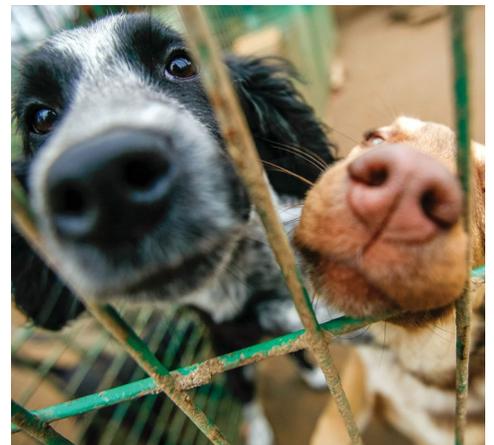
AT THE OFFICE!

The Department of Organizational Development established an in-office exercise program to prevent conditions often experienced in workplaces, such as inactivity, bad posture, and health problems resulting from sitting in incorrect positions. Held in all departments at the Şişecam Headquarters, the Office Exercises sessions provided information to employees about short exercises that could be done throughout the day. Based on demand, the yoga sessions, which started out as a workshop, were later expanded into a regular monthly event for Şişecam employees.

ŞİMDİ!

LENT A HAND TO OUR FURRY FRIENDS

As part of its ongoing social awareness efforts, Şimdi! collected pet food, blankets, and unused textiles throughout Şişecam Group to be donated to street animals and shelters in need of support. The supplies were later transported to shelters and volunteers working with street animals.





SODA SANAYİİ A.Ş.

FINDS GREAT SUCCESS AT THE TABLE TENNIS TOURNAMENT

Soda Sanayii A.Ş. became the champion among the 12 teams competing at the Mersin Inter-Company Table Tennis Tournament, which qualified the company to represent Mersin at the Turkish Championship. Upon completing the elimination and final rounds with no defeats, the Soda Sanayii A.Ş. team competed in the final match on March 9, 2017, with team members Sinan Çağlar, Necmettin Özdemir, Nuzhet Onaç, Özkan Çaprazlı, and Murat Varlı. The Soda Sanayii A.Ş. Table Tennis Team, who beat the Mersin Bar Association 4-0 in the final match, received their

championship trophy from Toroslar Municipality Mayor Hamit Tuna. In a statement expressing the happiness and pride he felt for representing Mersin in the Turkish Championships, Soda Sanayii A.Ş. General Manager Mehmet Gürbüz highlighted the importance of teamwork by stating, "The employees of our company are paving the way with important accomplishments in social life as well as in their work. The Inter-Company Table Tennis Tournament is a wonderful event that provides an opportunity to boost dialogue and friendship between companies."



ACTION-PACKED MOMENTS IN THE

BOWLING AND DART

TOURNAMENTS

Şişecam employees working at plants in the Mersin region came together for the Bowling and Dart tournaments. While the winners were excited to receive their awards, all participants in the tournament had a delightful time.

PRESS COVERAGE

JANUARY-MARCH 2017

2017 CEO SOHBETLERİ
ŞİŞECAM
 Ahmet Kırcan: **15**
 İhracatta kur hem gelip geçicidir hem de çözüm anahtarı değildir



ŞİŞECAM TOPLULUĞU GENEL MÜDÜRÜ AHMET KIRMAN:
Stratejik yatırımla ithalat ikame olacak



Şişecam 400 milyonluk yeni fabrika kuruyor
 Şişecam Topuluğu Yönetim Kurulu Başkan Vekili Ahmet Kırcan "Bu zorlu süreçte bize düşen yatırıma devam etmektir" dedi.

İTHALATI ikame edecek
 Lokomotif sektörlerinin temel girdisi olan cam elyafı alanında stratejik bir yatırım karar aldıklarını belirten Kırcan, "Türkiye'nin cam elyafı ithalatı yıllık 60 bin tonun üzerinde. Yapacağımız yatırımla bu ithalatı önemli ölçüde ikame edeceğiz" diye konuştu.

Ülkeye güveniyo
 KIRMAN, "Ülkemizin içinden geçtiği süreçte köklü kurumlara düşen tevazü ve güveni devam etmektedir. Bu yatırımların devam etmesi, Türkiye'nin ekonomik büyüme potansiyelini göstermektedir. Bu yatırımların devam etmesi, Türkiye'nin güveniyle ilerleyeceğini göstermektedir."



Her gün yeni bir normale karşılaşıyoruz odağımız 'iş' olsun

ENDÜSTRİ 4.0 İÇİN ÖZEL BİRİM KURDU

UNİVERSİTELER İŞBİRLİĞİ YAPİYOR

Sanayi Bakanlığı'nın Endüstri 4.0 Projesi kapsamında, Şişecam Topuluğu, üniversitelerle işbirliği yaparak Endüstri 4.0 için özel birim kurdu.



DÜZCAMDA AVRUPA'DA 1 NUMARAYIZ

ABAHÇE AVRUPA'DA YILIN ŞİRKETİ ADAYI

Değer yaratmaya devam edeceğiz

Şişecam Topuluğu, yaklaşık 400 milyon liralık yatırımla cam elyafı üretim tesisi kurma kararını açıkladı. Şişecam Topuluğu Genel Müdürü Ahmet Kırcan, 2018 yılında devreye girecek, yıllık 70 bin ton kapasiteli tesise ithalatı ikame edip lokomotif sektörlerde growth sağlayacaklarını kaydetti.



BOR KULLANIP ELYAF ÜRETECEK
Şişecam, 400 milyon TL YATIRIM YAPACAK

Bugünkü ortama göre yatırım yapmanın en uygun zamanı Şişecam, 400 milyon liralık yatırımla cam elyafı tesisi kuruyor

Şişecam Topuluğu, yaklaşık 400 milyon TL'lik bir yatırımla cam elyafı üretim tesisi kurma kararı aldı. Şişecam Topuluğu Genel Müdürü Ahmet Kırcan, 2018 yılında devreye girecek, yıllık 70 bin ton kapasiteli tesise ithalatı ikame edip lokomotif sektörlerde growth sağlayacaklarını kaydetti.



Şişecam'dan, 400 milyon liralık 'stratejik' yatırım kararı

Değer yaratmaya devam edeceğiz

Şişecam Topuluğu, yaklaşık 400 milyon liralık yatırımla cam elyafı üretim tesisi kurma kararı aldı. Şişecam Topuluğu Genel Müdürü Ahmet Kırcan, 2018 yılında devreye girecek, yıllık 70 bin ton kapasiteli tesise ithalatı ikame edip lokomotif sektörlerde growth sağlayacaklarını kaydetti.



Şişecam'dan, 400 milyon liralık 'stratejik' yatırım kararı

Değer yaratmaya devam edeceğiz

Şişecam Topuluğu, yaklaşık 400 milyon liralık yatırımla cam elyafı üretim tesisi kurma kararı aldı. Şişecam Topuluğu Genel Müdürü Ahmet Kırcan, 2018 yılında devreye girecek, yıllık 70 bin ton kapasiteli tesise ithalatı ikame edip lokomotif sektörlerde growth sağlayacaklarını kaydetti.



Şişecam'dan 400 milyon TL yatırım

Şişecam Topuluğu, yaklaşık 400 milyon TL'lik bir yatırımla cam elyafı üretim tesisi kurma kararı aldı. Şişecam Topuluğu Genel Müdürü Ahmet Kırcan, 2018 yılında devreye girecek, yıllık 70 bin ton kapasiteli tesise ithalatı ikame edip lokomotif sektörlerde growth sağlayacaklarını kaydetti.



Cam elyaf parası ülkede kalacak

Uzay ve havacılık için çok önemli

Şişecam Topuluğu, 400 milyon liralık yatırımla kuracağı cam elyafı tesisi için yıllık 60 bin tonu aşan ithalatı önemli ölçüde ikame edecek.



ŞİŞECAM'DAN 'TEMİZ' YATIRIM

Ahmet Kırcan, camın sonsuz kere dönüştürülebilirliğine sahip olduğunu dile getirdi.

Şişecam Topuluğu Yönetim Kurulu Başkan Vekili ve Genel Müdürü Prof. Dr. Ahmet Kırcan, Mersin'deki düzcam fabrikalarının güncellenmiş santrali kuracaklarını söyledi. Ahmet Kırcan, "Montaj tamamlandığında çatı üzerine monte edilmiş santraller arasında dünyadaki en büyük 5 projeden biri olacak. Bölgeye fabrikamızın geleceğini garanti ediyoruz."





1. The exchange rate in exports isn't just temporary; it also is not a solution DÜNYA - January 23, 2017
2. Strategic investment will replace imports HABER TÜRK - January 19, 2017
3. Şişecam is building a new 400-million-TL plant AKŞAM - January 19, 2017
4. 400-million-TL investment from Şişecam CUMHURİYET - January 19, 2017
5. Şişecam will invest 400 million TL TÜRKİYE - January 19, 2017
6. Şişecam makes 400-million-TL "strategic" investment decision DÜNYA - January 19, 2017
7. Fiberglass profits to remain in the country VATAN - January 19, 2017
8. Şişecam's "clean" investment POSTA - January 9, 2017
9. Ideal City Setup MARIE CLAIRE MAISON - March 1, 2017
10. Şişecam to build 5th largest rooftop power station DÜNYA - January 9, 2017
11. 400-million-TL investment in Balıkesir VATAN - February 3, 2017
12. The architectural side of the mosque HOME ART - February 1, 2017
13. Paşabahçe receives design award at iF Design DÜNYA - March 23, 2017
14. Şişecam receives 7 awards POSTA - January 21, 2017
15. 400 million TL for Balıkesir POSTA - February 3, 2017
16. Şişecam to invest 400 million TL in Balıkesir SABAH - February 5, 2017
17. 400-million-TL fiberglass investment MİLLİYET - February 3, 2017
18. Modern jug VATAN - February 12, 2017
19. The two most beautiful wine glasses in the world come from Turkey HÜRRIYET - March 9, 2017
20. Şişecam's 2016 revenue reached 8.4 billion TL VATAN - March 11, 2017
21. Şişecam revenue exceeds 8.4 billion HABER TÜRK - March 9, 2017
22. Şişecam chooses Balıkesir for 400-million-TL investment AKŞAM - February 3, 2017
23. Şişecam undertakes 400-million-TL investment in Balıkesir OZ DÜNYA - February 3, 2017
24. Insulate using the proper glass POSTA - February 20, 2017
25. Şişecam's revenue exceeds 8.4 billion HABER TÜRK - March 9, 2017



ŞİŞECAM OCCUPATIONAL HEALTH AND SAFETY POLICY

We aim to complete all stages of our production operations in a healthy and safe workplace environment. Guided by this goal, and as required by our responsibility to ensure the health of our employees as individuals and as a workforce, we are committed to:

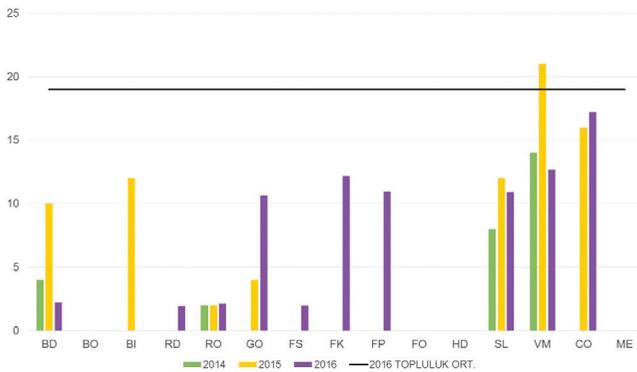
- Determining and enforcing the necessary precautions to prevent occupational accidents and occupational illnesses,
- Guaranteeing the participation of all employees in assessing risks and minimizing them to acceptable levels,
- Using safe equipment and proper technologies to ensure a healthy and safe workplace environment,
- Ensuring the participation of employees of all levels

as well as our stakeholders in efforts to improve Occupational Health and Safety policies,

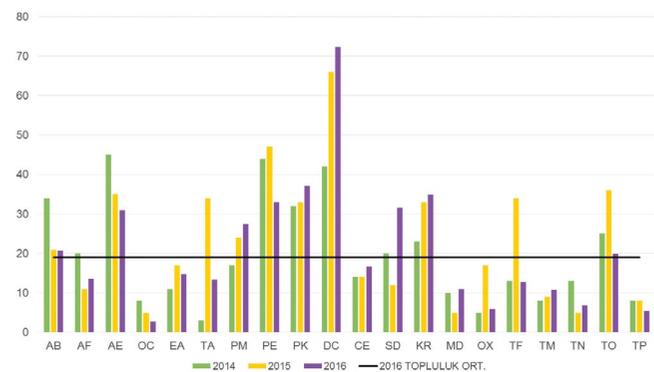
- Creating an Occupational Health and Safety culture and adopting it as a way of life.

To this end, we declare and undertake that we will:

- Meet our legal liabilities as well as standards and regulations regarding Occupational Health and Safety,
- Take a proactive approach to constantly improve our Occupational Health and Safety processes and boost our performance,
- Develop and continue to host training sessions and events for our employees, as well as the employees of our sub-employers and contractors, visitors, and interns, to adopt our Occupational Health and Safety principles.

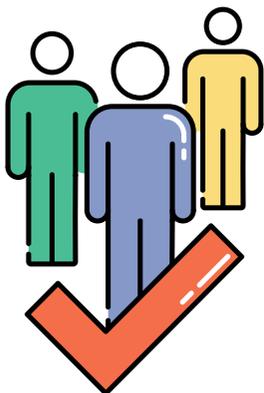


T. Şişe ve Cam Fabrikaları A.Ş.
International Plants Accident Frequency Rates
January-December 2016



T. Şişe ve Cam Fabrikaları A.Ş.
Domestic Plants Accident Frequency Rates
January-December 2016

COLLECTIVE LABOR AGREEMENT ACTIVITIES THAT TOOK PLACE IN JANUARY, FEBRUARY, AND MARCH 2017:



COLLECTIVE LABOR AGREEMENT ACTIVITIES

25TH TERM GLASS GROUP COLLECTIVE LABOR AGREEMENT MEETINGS CONTINUE

The official mediator process was completed for the 25th Term Glass Group Collective Labor Agreement meetings with Kristal-İş Trade Union, which began with a meeting on December 12, 2016. The negotiations continue.

1ST TERM ŞİŞECAM AUTOMOTIVE WORKPLACE COLLECTIVE LABOR AGREEMENT MEETINGS CONTINUE

The official mediator process was completed for the 1st Term Collective Labor Agreement meetings with Kristal-İş Trade Union, which began with a meeting on January 20, 2017. The negotiations continue.

DENİZLİ CAM SAN A.Ş. 17TH TERM COLLECTIVE LABOR AGREEMENT PROCESS CONTINUES

The official mediator process was completed for the 17th Term Collective Labor Agreement meetings with Çimse-İş Trade Union, which began with a meeting on January 25, 2017. The negotiations continue.

TRAKYA POLATLI 2ND TERM COLLECTIVE LABOR AGREEMENT PROCESS STARTED

The official mediator process was completed for the 2nd Term Collective Labor Agreement meetings with Kristal-İş Trade Union, which began with a meeting on January 26, 2017. The negotiations continue.

COLLECTIVE LABOR AGREEMENT PROCESS CONTINUES AT TRAKYA GLASS BULGARIA WORKPLACES

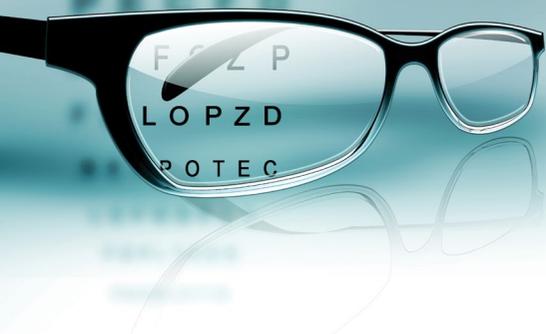
The 11th Term Collective Labor Agreement meetings continue between the Podkrepa Trade Union and the Bulgaria-based Trakya Glass Bulgaria, Şişecam Automotive Bulgaria, and Şişecam Glass Bulgaria EAD, which began with a meeting on March 20, 2017.

THE COLLECTIVE LABOR AGREEMENT PROCESS AT GLASSCORP S.A. ROMANIA ENDED WITH AN AGREEMENT

The Collective Labor Agreement meetings at the Romania-based Glasscorp workplace, a subsidiary of the Flat Glass Group, ended with an agreement on January 17, 2017. The Collective Labor Agreement will remain in effect for one year.

WORK LIFE AND EYE HEALTH

OUR EYES ARE ONE OF OUR MOST IMPORTANT AND SENSITIVE ORGANS SUSCEPTIBLE TO EXTERNAL FACTORS, AND ISSUES WITH OUR EYES DIRECTLY AFFECT OUR HEALTH. WE CAN HELP PROTECT OUR EYE HEALTH BY TAKING SOME VERY EASY-TO-APPLY PRECAUTIONS.



Eyes play a vital role in an individual's adaptation to the environment, learning, work life—in short, his or her entire life.

Thanks to the advancement of technology, the increasing use of computers for work is paving the way for a new occupational illness. Failing to take proper precautions when using computers or equipment with screens used by operators in certain lines of work can lead to serious problems with eye health. However, these problems can be avoided by taking a few easy precautions.

Precautions that help protect eye health:

One of the important factors to consider when using screens is the frequency of blinking. We normally blink 20 to 30 times a minute to moisturize and protect our eyes. However, the rate of blinking decreases significantly when we are looking at a screen. This, in turn, causes the eyes to get dehydrated, which leads to the beginning of dry eye syndrome. Additionally, not blinking enough can cause burning of the eye, blurred

vision, watering of the eyes, and various infections.

In order to prevent the above conditions from occurring, those who use computers or equipment with screens must ensure that:

- The display resolution is high,
- The shapes and fonts are clear,
- The screen is clean, and
- They rest their eyes at intervals.

On the other hand, the bright radiation and chemical gases emitted due to high heat in production sites like welding areas and melting furnaces can pose a serious risk to eye health if the necessary precautions are not taken. For this reason, those working in production sites or those who are temporarily present in these areas must use protective materials and store these materials securely. Our eyes must be rested after a long day at work. These types of easy precautions not only help protect your health, but failing to do so might also cause serious problems.

