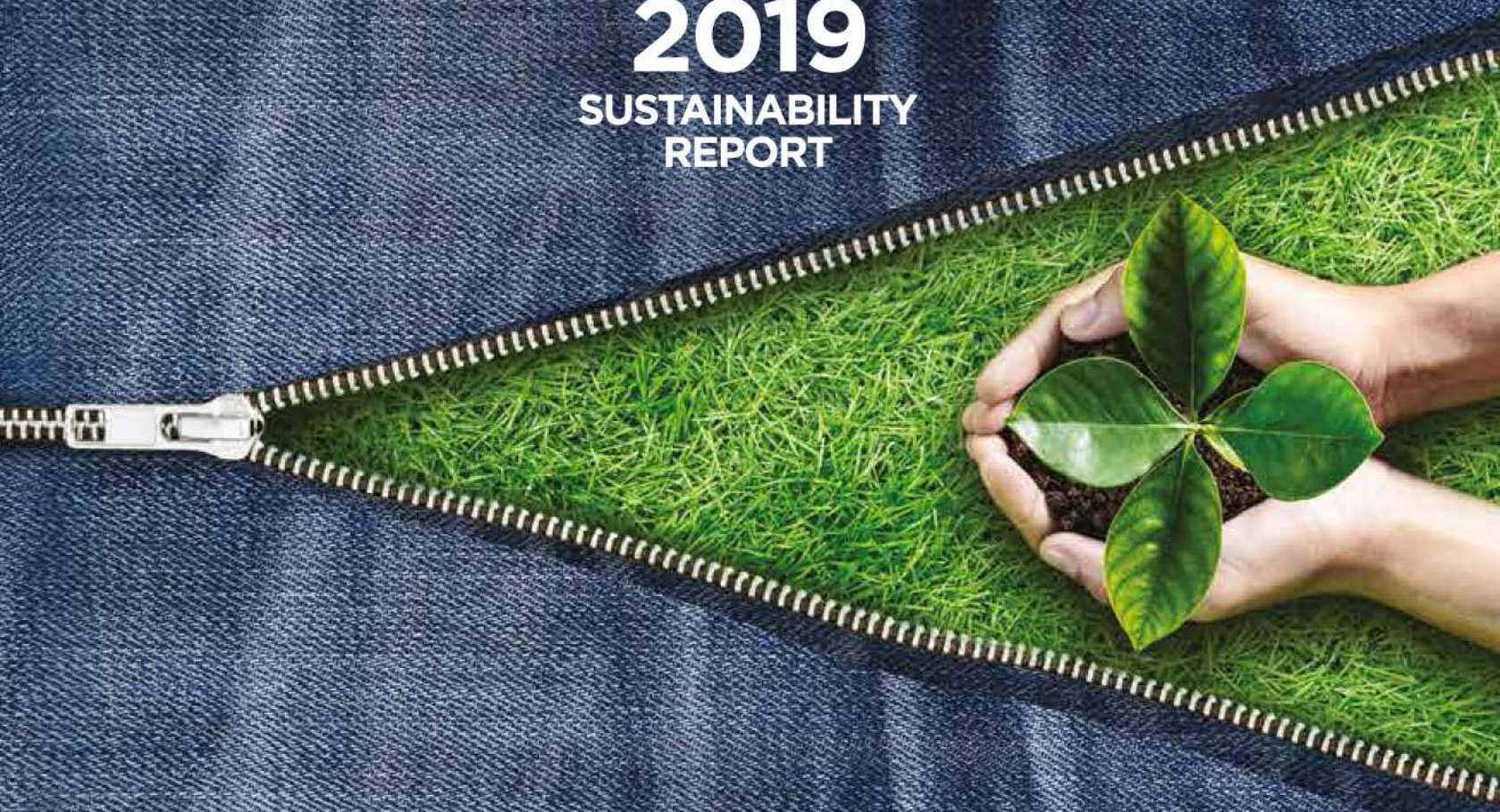




TAYPA  
**2019**  
SUSTAINABILITY  
REPORT



2019  
SUSTAINABILITY  
REPORT



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# FROM THE PRESIDENT

## THE FUTURE OF THE EARTH IS IN OUR HANDS...

Humankind has always interested in the past and research it while living today. He gained experience. He encountered challenges and he learned lessons.

However, the comfort of living the moment made humankind often repeat his mistakes; and made us forget that the future generation of the world is in our hands.

The future has always given us hope, echoing with what is better. We have always imagined the positive in the future, we have always believed that tomorrow would be brighter.

Well, is the future really brighter than today?

If we repeat our past mistakes and make new ones and we continue to prefer today's comfort over concern for the future, unfortunately, the concept of "bright future" will remain a dream. However, this is not the day to be hopeless and pessimistic; it is the day to change some habits concretely and to take action for a brighter, greener world.

The present Sustainability Report which we proudly share with you, is an indicator of Taypa Tekstil's deep awareness of this responsibility and the level of positive impact created by our sustainability-related investments regarding energy, water, chemicals and human.

As a company, which considers the sustainable growth approach as part of its business culture and which sees value in creating for the future and pioneering a productive society as a duty, we will continue to put our nature, environment and human-focused perspective as the foundation of all our activities. Not only we grow in size, we also develop the values together as a principle. We will reduce our resource consumption thanks to the power of technology and innovation. We will continue to be a pioneer in our sector. While making these all, we will receive our greatest strength from our employees, customers, suppliers and stakeholders, who share the same dreams and vision with us.

We are fully aware of our responsibility. And we are also aware that our path to sustainability is a long one... Even we still have much work to do, we are confident about the future.



We know that each seed we plant for a brighter future will make tomorrow greener and will be helpful for our next generations having a chance to live in a more sustainable world.

We maintain that while benefiting from the natural resources both in our country and in the world, these resources must be utilized in such a way that prolongs its life. Thus, we can fulfill our responsibilities for nature and be an example for future generations. By courtesy of TAYSTONE Project which we actualized within this scope, we decrease the use of natural resources and use a durable synthetic stone instead of pumice stone. We aim to use Taystone which we already began to use in 25% of our washing processes in half of our processes by the year 2020.

We should not forget that sustainability is contagious, just like doing good. As we take the future into account and take steps accordingly, we will witness that crowds follow our path. And when our society grows, we will reach our dreams in future.

I hope that the details you will witness on the following pages of our report will inspire you and give you hope... And if there is still somebody who doesn't take action, we hope that it will remind him the following:

The future of the earth is in our hands...

M.Mesut TOPRAK

# 10.171

NUMBER OF EMPLOYEES



From 1977 to the future



As Taypa Tekstil, we move forward with the vision of being a sustainability-oriented, innovative, agile, reliable and most desired supplier of global clothing brands.

Four Seasons Hotel at the Bosphorus and Four Seasons Hotel Istanbul at Sultanahmet, are projects, showing ASTAY Gayrimenkul's perspective on real estate investment, both as an investor and developer.

As ASTAY Gayrimenkul Insaat Yatırım ve Turizm, we move forward with the same priorities and passion for work we have since the year 2004.

# FROM PAST TO PRESENT TAYPA

# PRODUCTION EXPERIENCE OF 42 YEARS



1977

Foundations of **TAY GROUP** as a fabric supplier for internal and global market were initiated.



1989

With **TAYEKS**, ready-to-wear and ready-made export were initiated.



1995

Silivri **TAYEKS** Garment Manufacturing Plant was opened.



1993

**TAYPA TEXTILE**, the export trade company, was operationalized.



2001

Bolu **TAYEKS** Garment Manufacturing Plant was opened.



2008

Ergene **TAYEKS** Laundry Plant was opened.



2014

**CREATAY** Design Office was opened.



2011

A Garment Manufacturing and Laundry Plant was established in Egypt through the cooperation of **TAYPA TEXTILE** and C.C.C.



2015

**TAYEKS** Ergene Laundry was moved to its existing Laundry Plant.

**R&D** Center was opened.



2017

Marketing Office was opened in New York.



2019

**EUROTAY**, one of the group companies, completed its Garment Manufacturing and Laundry Plant investment in Serbia, and started production.



2018

**TAYAL SPA**, one of the group companies, completed its integrated textile industrial zone investment in Algeria and started production.

# TAYPA IN NUMBERS 2019

**14%**



GROWTH RATE IN TEXTILE EMPLOYMENT



**7.754**

TOTAL NUMBER OF TEXTILE EMPLOYEES



**3.870**

TOTAL NUMBER OF WOMEN TEXTILE EMPLOYEES

**16%**



GROWTH RATE IN WOMEN EMPLOYMENT AT TEXTILE

**50**



NUMBER OF COUNTRIES OF EXPORT

**20.000.000**



PRODUCTION CAPACITY (PIECE/YEAR)

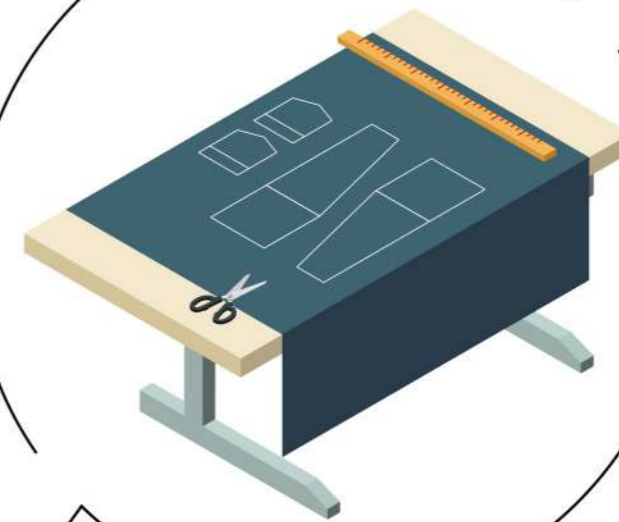
## AWARDS\*



**6<sup>th</sup> PLACE IN IHKIB**

**177<sup>th</sup> PLACE IN TIM1000**

**AND 344<sup>th</sup> PLACE IN ISO500**



**175.000**

TOTAL INDOOR AREA (SQUARE METERS)



# 50 MILLION IN THE YEAR 2021

With the above mentioned Production Capacity we will be Europe's Largest Sustainability-Oriented Producer.



**U.S.A**



MARKETING OFFICE



PRODUCTION PLANT



**SERBIA**



**TURKEY**



**ALGERIA**



**EGYPT**



**GLOBAL  
SUPPLY  
CHAIN**



**TURKEY**



**ERGENE**

**TOTAL CAPACITY**  
600.000 PCS/MONTH

**OPERATION**  
WASHING  
R&D CENTER

**TOTAL NUMBER OF  
EMPLOYEES**  
442



**SILIVRI**

**TOTAL CAPACITY**  
350.000 PCS/MONTH

**OPERATION**  
CUTTING - SEWING -  
PACKAGING

**TOTAL NUMBER OF  
EMPLOYEES**  
999



**ISTANBUL / HQ**

**TOTAL CAPACITY  
(SUB-CONTRACTING)**  
450.000 PCS/MONTH

**OPERATION**  
MANAGEMENT - DESIGN -  
SUB CONTRACTING  
MANAGEMENT -  
SALES & MARKETING -  
FINANCE - HR -  
SOCIAL COMPLIANCE

**TOTAL NUMBER OF  
EMPLOYEES**  
270



**BOLU**

**TOTAL CAPACITY**  
200.000 PCS/MONTH

**OPERATION**  
CUTTING - SEWING -  
WASHING - PACKAGING

**TOTAL NUMBER OF  
EMPLOYEES**  
1.040

**SERBIA**



**KRALJEVO**

**TARGETED CAPACITY**  
600.000 PCS/MONTH

**OPERATION**  
CUTTING - SEWING -  
WASHING - PACKAGING

**TOTAL NUMBER OF  
EMPLOYEES**  
503

**TARGET NUMBER OF  
EMPLOYEES**  
2.500

**EGYPT**



**CAIRO / AL OBOUR**

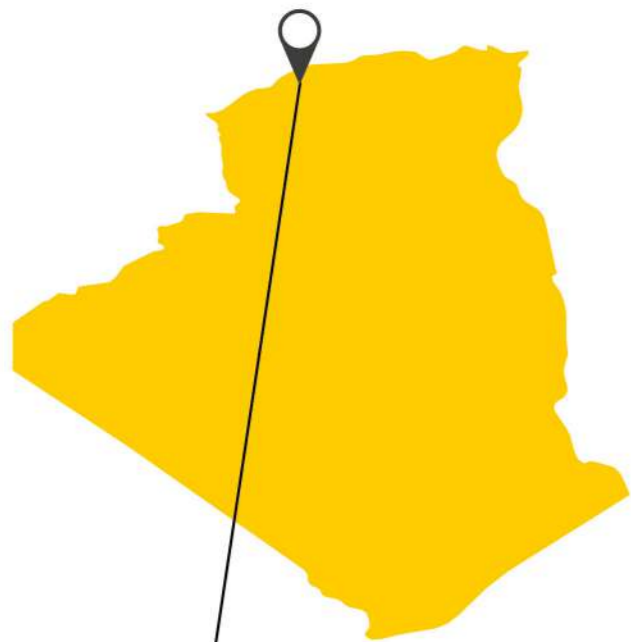
**TARGETED CAPACITY**  
850.000 PCS/MONTH

**OPERATION**  
CUTTING - SEWING -  
WASHING - PACKAGING

**TOTAL NUMBER OF  
EMPLOYEES**  
4.500

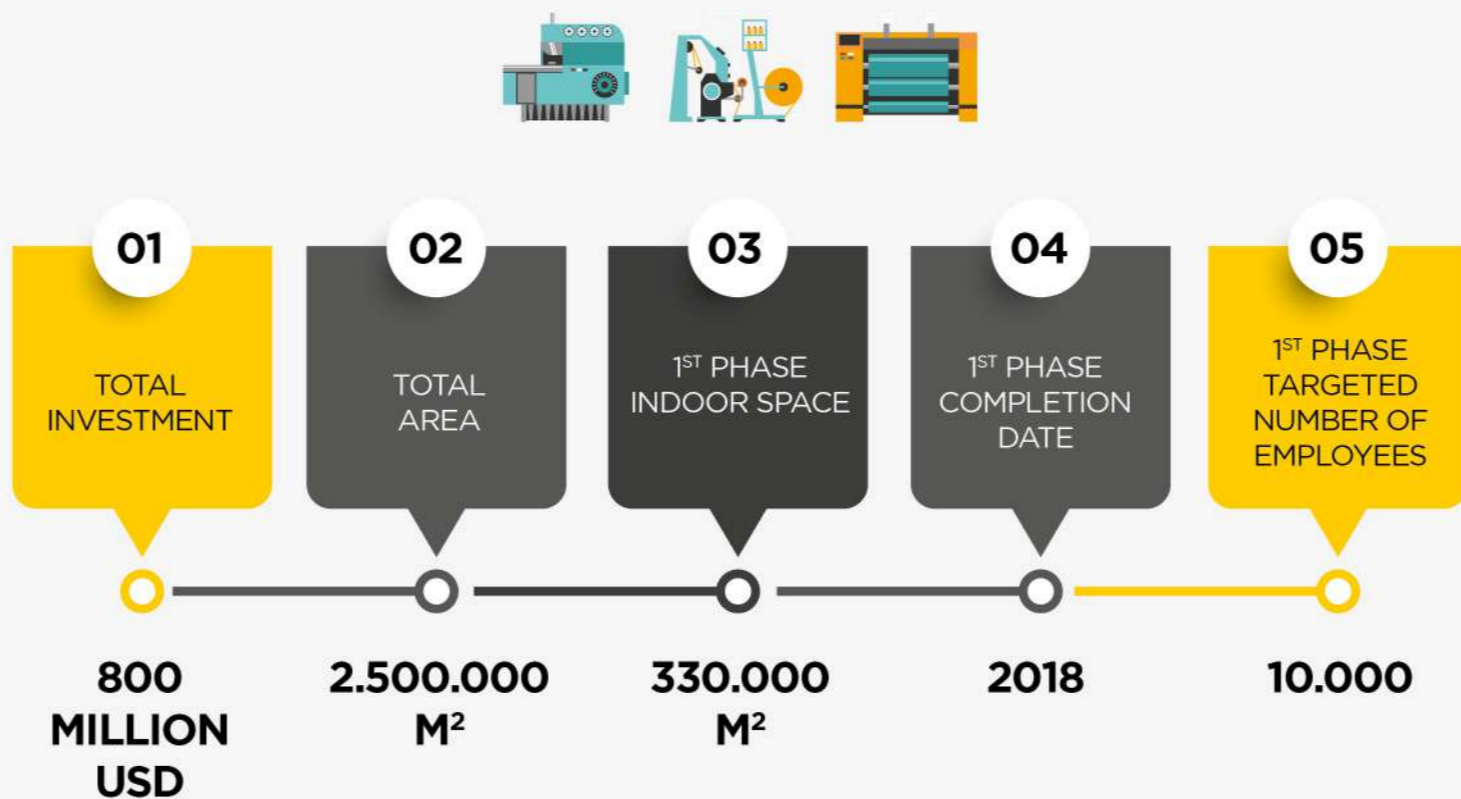


# ALGERIA



TAYAL SPA's organized textile industrial zone, which started to display activity in Algeria in the year 2018, is the largest integrated textile production facility of Europe and the Eastern Mediterranean Basin.

# 3-PHASED PROJECT



# COTTON BECOMES YARN, YARN BECOMES FABRIC, FABRIC BECOMES GARMENT



## COTTON TO YARN

YARN FACTORY CAPACITY (TON/YEAR)  
**36.000**

## YARN TO FABRIC

DENIM, NON-DENIM FABRIC FACTORY CAPACITY (METER/YEAR)  
**36.000.000**

SHIRT FABRIC FACTORY CAPACITY (METER/YEAR)  
**18.000.000**

JERSEY FABRIC FACTORY CAPACITY (TON/YEAR)  
**5.500**

## FABRIC TO PRODUCT

READY-MADE SHIRT FACTORY CAPACITY (QUANTITY/YEAR)  
**6.000.000**

DENIM GARMENT MANUFACTURING FACTORY CAPACITY (QUANTITY/YEAR)  
**12.000.000**

JERSEY GARMENT MANUFACTURING FACTORY CAPACITY (QUANTITY/YEAR)  
**12.000.000**

TOTAL GARMENT MANUFACTURING CAPACITY (QUANTITY/YEAR)  
**30.000.000**



**5F** FOCUS  
FAST  
FLEXIBLE  
FASHION  
FRIENDLY



# ABOUT THE REPORT

With Taypa 2019 Sustainability Report, we, as Taypa family, aim to share our sustainability performance within the year with all our stakeholders under our focus points energy, water, chemical and human, as the sustainability reports we have been publishing since the year 2017.

While the earth struggles with global problems such as global climate change and temperature rise caused by the increase in carbon emission due to post-industrial revolution production activities, unexpected natural events and forest fires, water and resource scarcity, we, as Taypa family, act, knowing that natural resources are finite and our needs should be met without compromising future generations' needs. By courtesy of our Taystone project, accomplished after intense R&D efforts displayed along with our stakeholders, we use Taystone during the washing process instead of pumice stone, reducing both the use of natural resources and our waste water treatment. We share all our efforts regarding the environment and our savings in energy, water and chemical consumption, through our sustainable projects. Another common purpose of our projects; is to make anyone who has a responsibility towards nature to realize their own potential and shall act accordingly. For, We believe that ideas and projects serving the protection of natural resources will grow even bigger as these ideas and projects are put into practice and shared. The increase will be beneficial both for nature and future generations.

By putting people at the center of our work and investment, we aim happy, conscious and contributing employees. We redesign our organizations constantly while increasing number of employees and we provide regular training to all our employees, starting from the recruitment stage. By improving our request and suggestions management system continuously, we aim to increase employee participation and social dialogue at the workplace.

By courtesy of our 5S project, we also contribute to occupational safety through a cleaner and more organised work environment. Within the relevant scope, we hereby share our human resource investments and social activities and projects.

We are proud to achieve our targets and improve our goals year by year. The greatest reward for us is to receive a recompense for our work through our goals and projects and to contribute a little bit to the sustainability of nature. We are aware that these targets and projects serve the values that make us who we are and contribute hugely to the growth and development of Taypa family. We hereby commit to spend our utmost efforts to maintain our contribution and transfer our values to future generations.

A wreath of vibrant green leaves is arranged in a circular shape, resting on a soft, white, fluffy cloud. The background is a bright, hazy green with a large, glowing sun in the upper right corner, creating a warm and natural atmosphere.

## WHAT IS SUSTAINABILITY?

To meet the needs of current generation without compromising the needs of future generations.

*According to the World Meteorological Organization's State of Global Climate Report, 2019 was the second hottest year ever recorded while the last ten years were recorded as the hottest ten years ever.*



It is foreseen that global warming will amount to three to four degrees until the end of the century if the greenhouse gas emission does not slow down and it is stated that the temperature increase should be limited to one and a half degree in order to avoid the destructive effects of the climate change.

According to **WWF's** statement, an average of  
**7.6 million hectares**  
 of forestland disappear each year.



During the last half-century, more than 17% of Amazon, the biggest rainforest of the earth, has disappeared. Australia fires, which started in July 2019, lasted for 240 days and 8 million hectares of forestland disappeared and

**1,25 billion animals** died during the disaster.



According to the *UN Food Safety and Nutrition Status Reports*,

**820 million people** in other words,  
**11%** of the world's population struggle with hunger.

According to **UNESCO World Water Report**, global water usage increased by 6 times during the last 100 years and 2 billion people, in other words, more than a quarter of the world's population lack regular access to clean water sources.



## The Seventh Continent

created by human wastes in the middle of the Pacific Ocean covers

**3.4 million square kilometers**  
 (more than 4 times the area of Turkey)  
 and it consists of a pile of plastic weighing

**7 million tons.**


**THE UNITED NATIONS**  
 SUSTAINABLE DEVELOPMENT **GOALS**




**OUR FOCUSES**





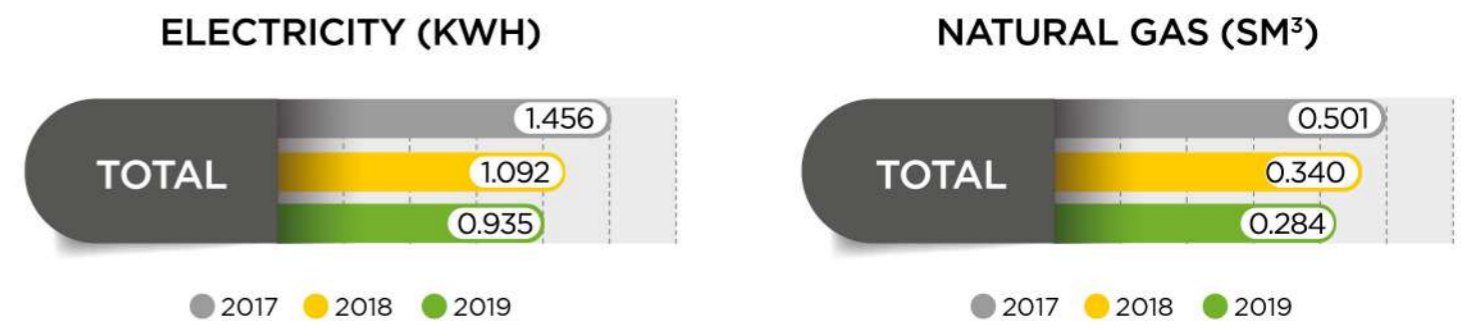
- 7 AFFORDABLE AND CLEAN ENERGY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
- 13 CLIMATE ACTION
- 15 LIFE ON LAND
- 17 PARTNERSHIPS FOR THE GOALS

# OUR ENERGY CONSUMPTION VALUE

We are aware of the benefits of energy saving in our World whose resources are rapidly depleting. Thanks to the projects and saving plans;



## ENERGY CONSUMPTION PER PRODUCT



\*It covers the data relevant to production facilities located in Turkey.

## RENEWABLE ENERGY

We supply half of our electricity from renewable energy sources.



## LED LIGHTING CONVERSION PROJECT

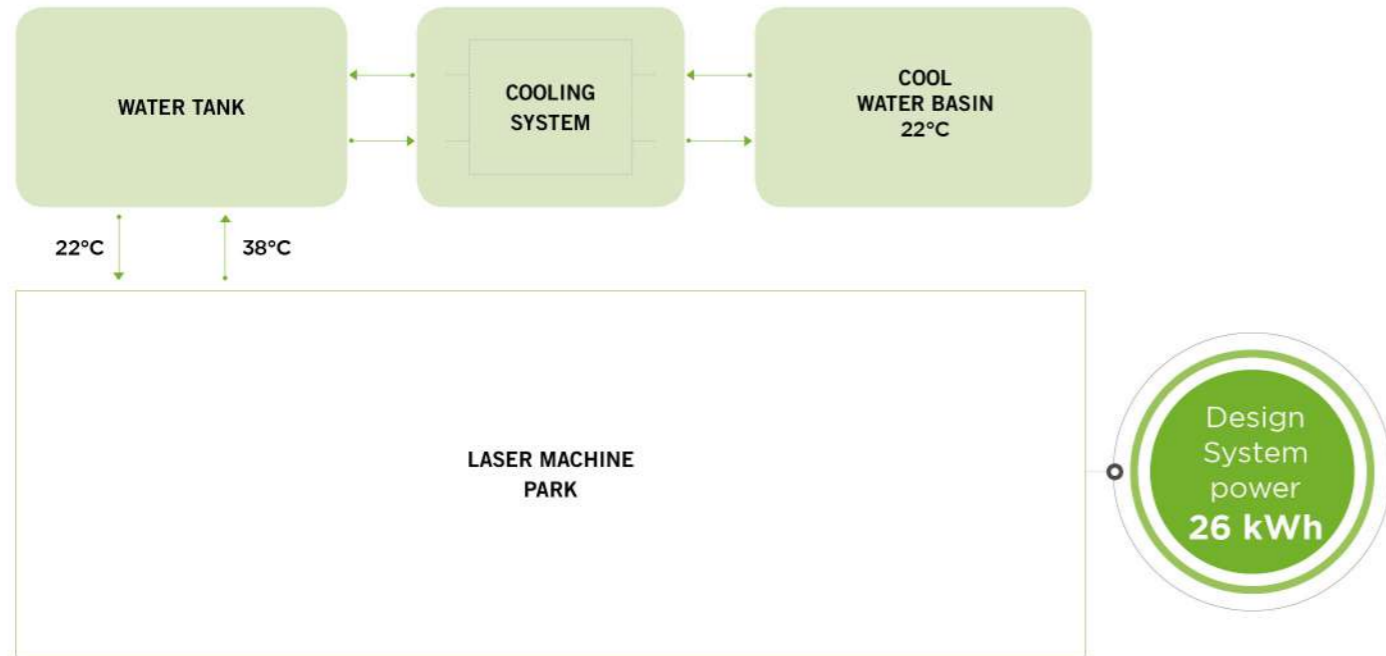
The lighting system of 75.000 square meters of our factory's indoor area was converted to LED. By courtesy of the above mentioned conversion,





## CENTRAL LASER COOLING SYSTEM

Total electricity consumption of the water-cooling system of Laser Machines is 160 kWh.



By developing a circular system between the current piping system and central laser cooling system we reduce electricity consumption from

**160 kWh**  
**to 26 kWh**

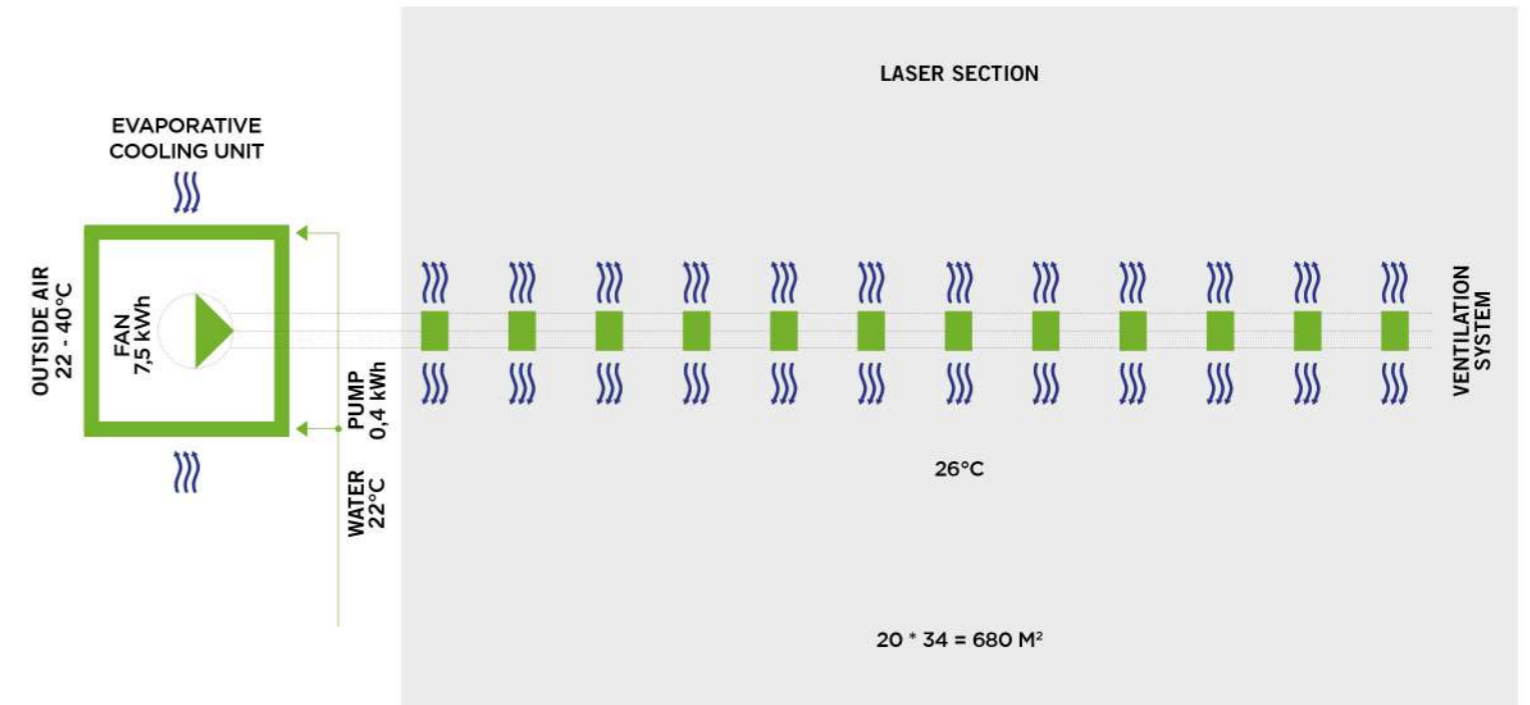


and we achieve an electricity saving of **84%**

\*This project is the finalist at Sustainable Business Awards 2019 in Sustainable Innovation category.

## EVAPORATIVE COOLING PROJECT

By the help of the evaporative cooling project, we chill the hot air in the environment through the utility water during the summer period and we keep the temperature of the laser section at the required level; in this manner, we save the electricity, which was supposed to chill the laser section through air-conditioners.

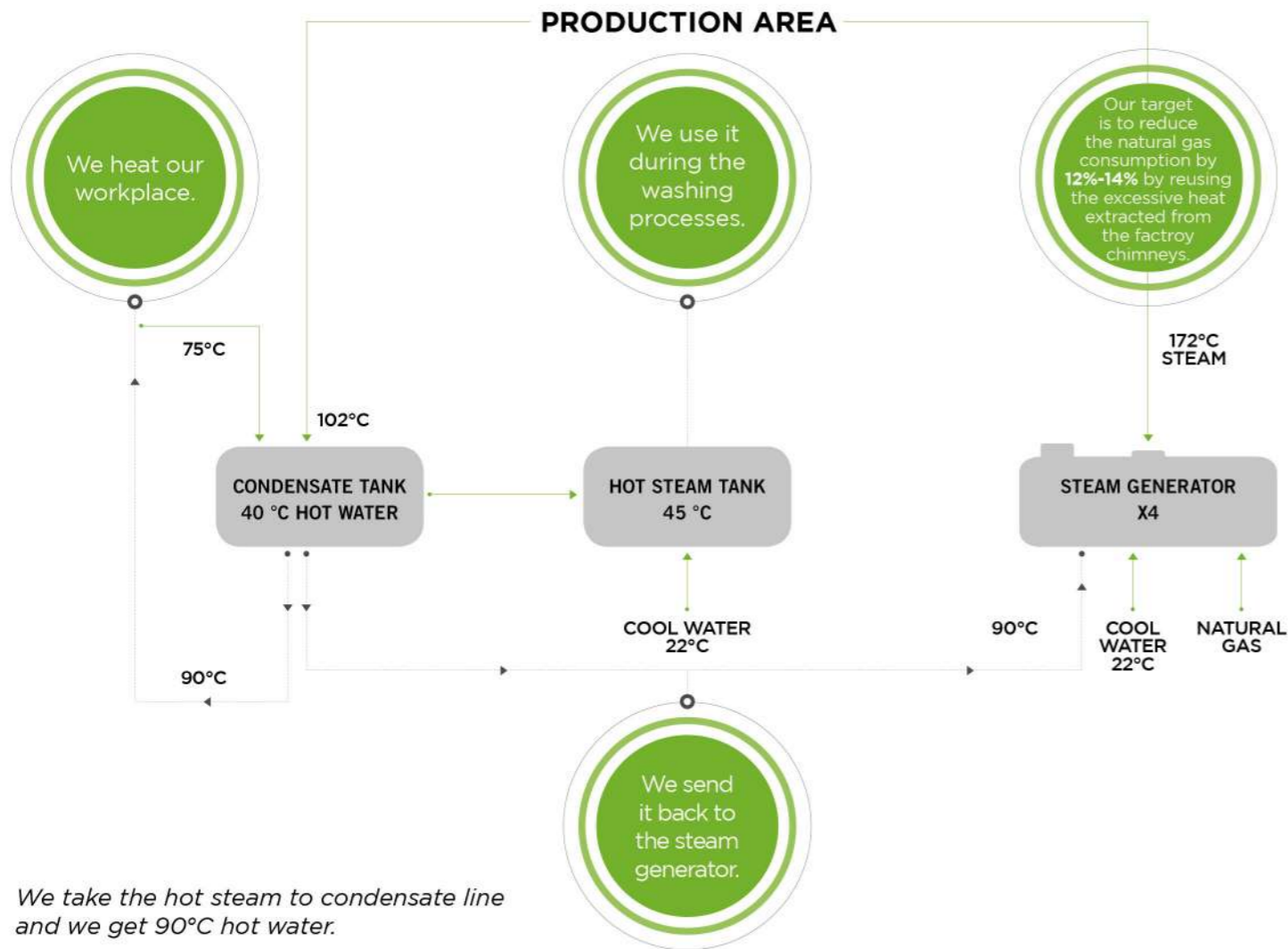


Through the Evaporative Cooling System Project, we achieve electricity saving by

**82%**

## HOT STEAM REUSE PROJECT

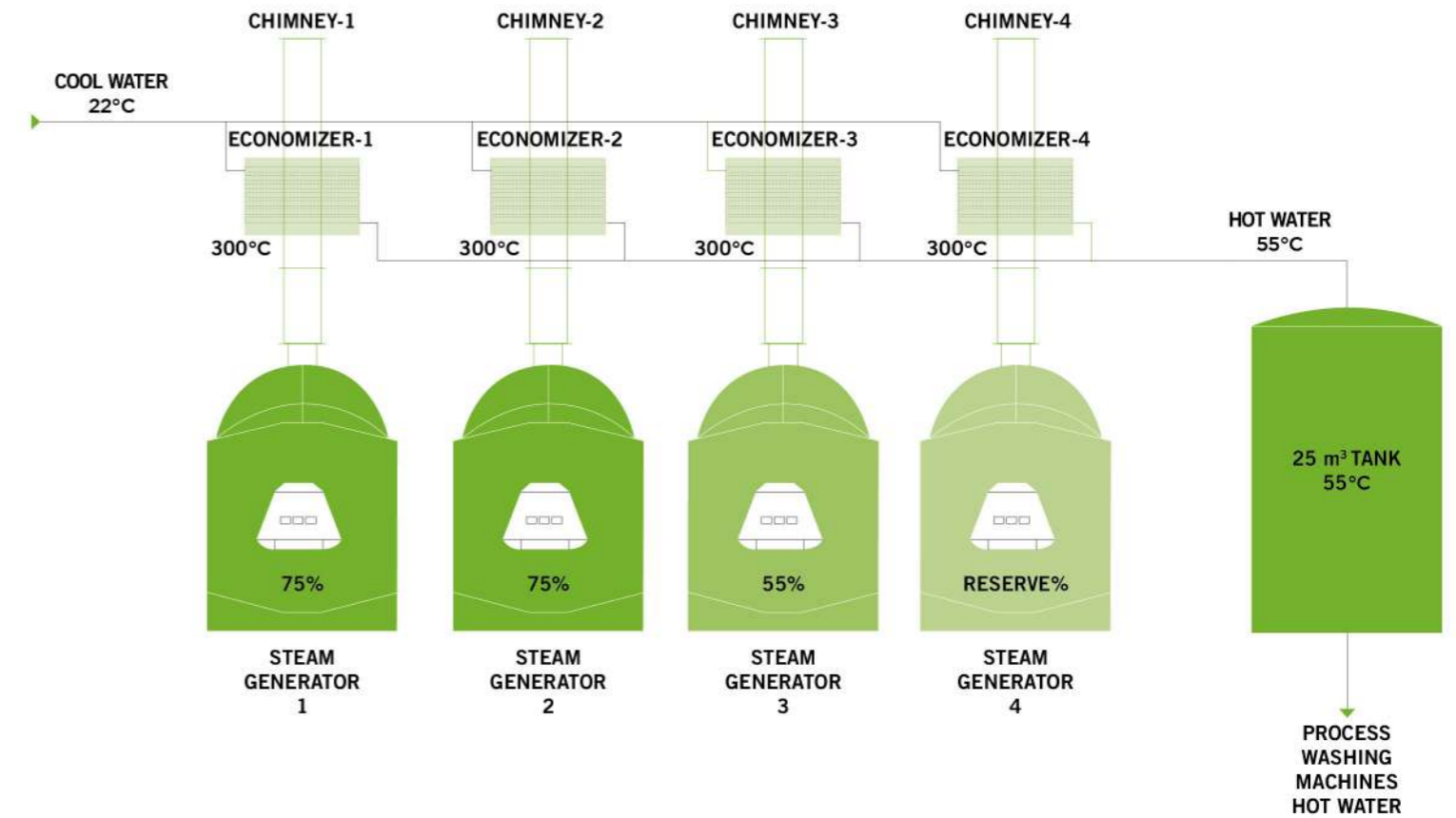
Instead of letting the steam used during the drying process out, we collect it in the steam tank and re-use it during, the washing process, heating of the workplace and once again in the steam generation, so we achieve energy efficiency and saving.



We take the hot steam to condensate line and we get 90°C hot water.

## ECONOMIZER PROJECT

Through the Economizer Project, we aim to achieve saving in natural gas consumption, by using the idle heat from steam generator shafts for heating the washing process water.



Through the Economizer Project, which we will activate in 2020, we aim to achieve an annual natural gas saving of

**331.000 cube meters.**

## ENERGY SAVING PROJECTS



To make maximum use of daylight, we have established new and natural lighting points.



We have developed a project, through which the amount of waste is reduced through treatment, demudding, destoning system and stones are reused in the production process.



Through the technological revision of the washing machines, we have increased their production capacities and reduced their energy consumption.





6 CLEAN WATER AND SANITATION



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER

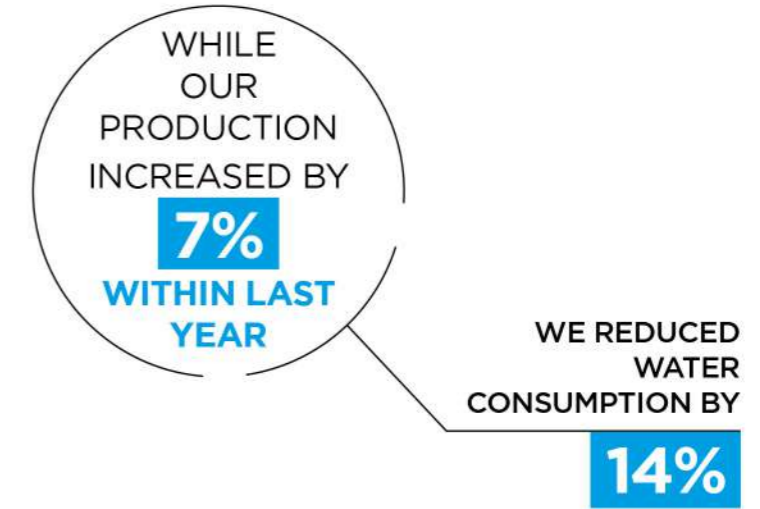


17 PARTNERSHIPS FOR THE GOALS

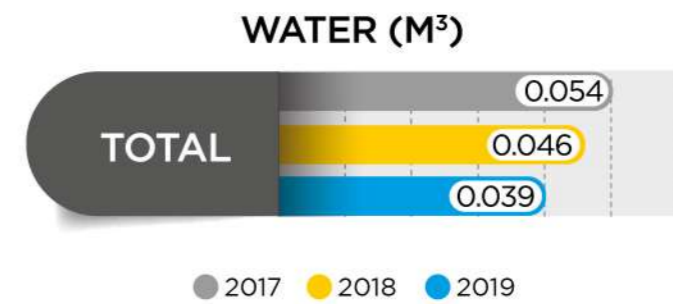


# OUR WATER CONSUMPTION VALUES

We are aware of the importance of water, the life source of our universe, for future generations. The achievements were fulfilled by courtesy of projects and saving plans we realized through this awareness.



## WATER CONSUMPTION PER PRODUCT



\*It covers the data relevant to production facilities located in Turkey.

## DIGI**tay** DIGITAL OFFICE

We have switched all our production processes to the digital platform by using Digitay Production Tracking System. In this manner, we have eliminated the paper usage in our production steps.



Thanks to our project, our paper consumption decreased by

**21 tons**

and our relevant contribution to water saving is amounted to

**564.000 tons.**

## TAYSTONE

Through the Taystone project, we now use reusable long-lasting synthetic stone in Denim Washing process, instead of using the disposable pumice stone.

We have significantly reduced the waste coming from the pumice stone in our wastewater treatment facility by replacing them with Taystone.



We currently use Taystone in

**25%**

of our washing processes and our target is to use it in **50%** of our washing processes in the year 2020.

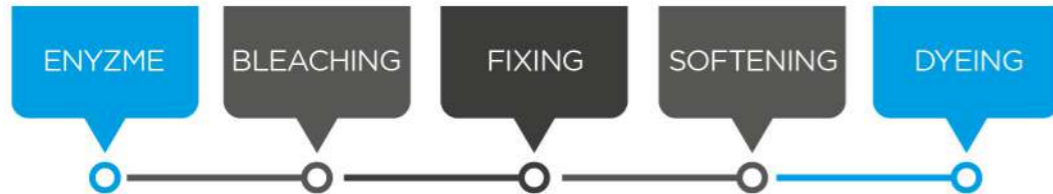
## DROP WASHING TECHNOLOGY

Thanks to the Drop Washing Technology we have saved **20.000 tons** of water.



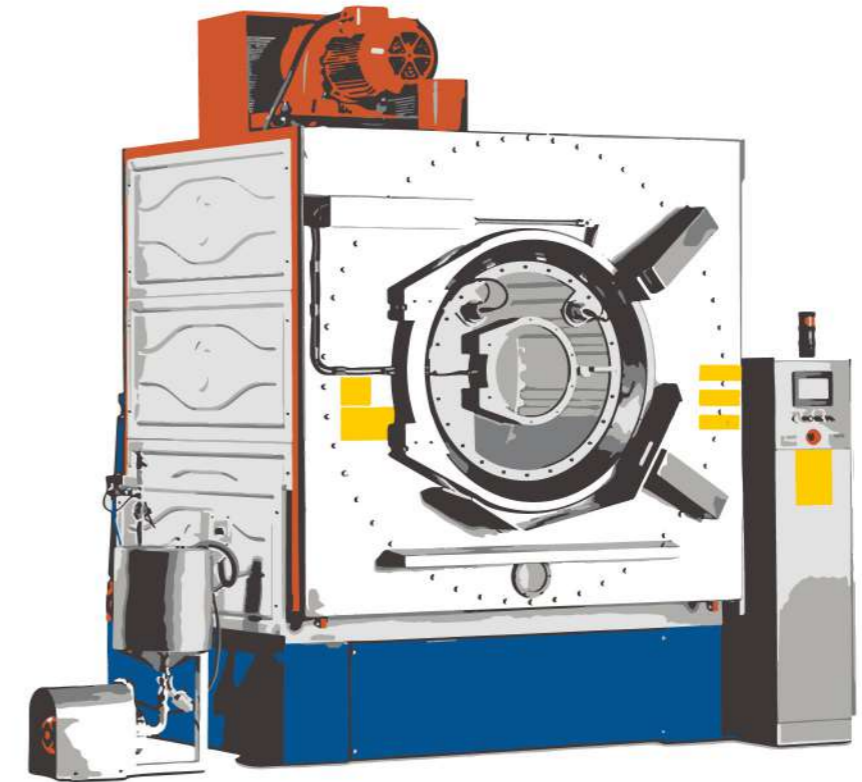
Thanks to the Drop System at our washing factory, products are washed with **1 GLASS OF WATER.**

Washing variety has been increased through Drop Technology in our Ergene washing facility.



## NEW GENERATION WASHING MACHINES

By increasing the number of New Generation Washing Machines,



we have saved **130.000 m<sup>3</sup>** water.

## OZONE TECHNOLOGY

With the improvement of the Ozone Technology, formerly used just to ameliorate the post-washing effects, we save water, chemicals, power and capacity, since we are now able to achieve similar effects through the ozone process, without washing.

 **-%65**
 **-%80**
 **-%20**

### TRADITIONAL DENIM LAUNDRY PROCESS



- Laser
- Scraping
- Desize
- Rinses
- Enzyme wash
- Rinses
- Bleach
- Neutralization
- Rinses
- PP blasting
- Neutralization
- Rinses
- Spin dry
- Dry

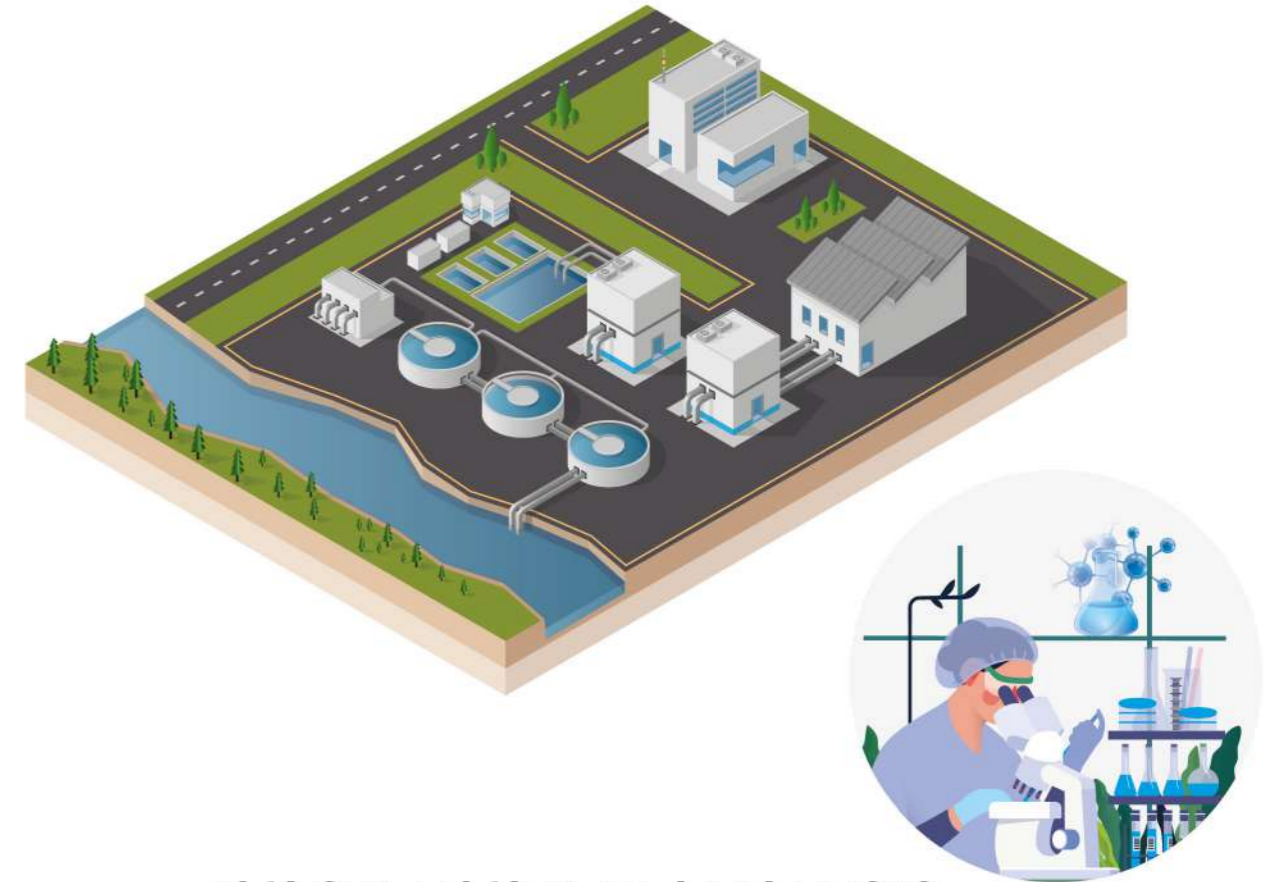
### SUSTAINABLE DENIM LAUNDRY PROCESS BY USING OZONE+LASER TECHNOLOGIES



- Laser
- Scraping
- G2 Dry process
- Desize
- Enzyme wash
- Laser
- G2 Wet process
- Spin dry
- Dry

## WASTE WATER TREATMENT PLANT

Physical and biological treatments are conducted at waste water treatment plant of our washing factory.



## WASTE WATER ANALYSIS

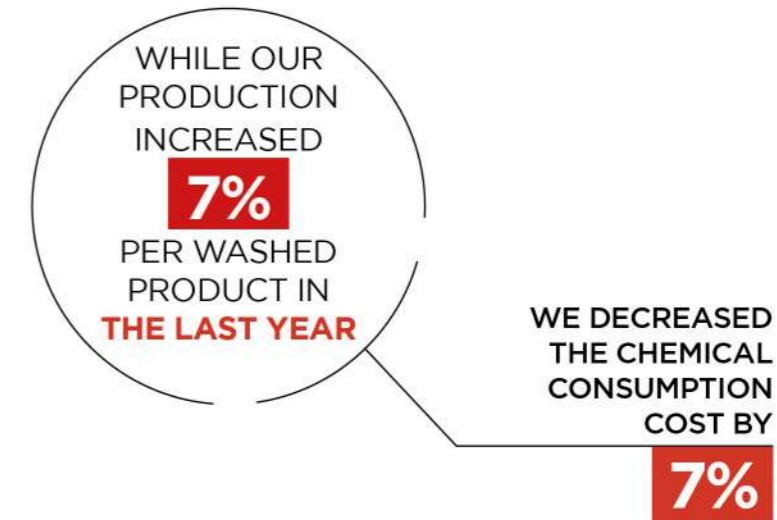
The results of our waste water tested according to the ZDHC parameters by accredited laboratories twice in a year are announced on the ZDHC platform.



- 6** CLEAN WATER AND SANITATION
- 8** DECENT WORK AND ECONOMIC GROWTH
- 9** INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 12** RESPONSIBLE CONSUMPTION AND PRODUCTION
- 14** LIFE BELOW WATER
- 15** LIFE ON LAND
- 17** PARTNERSHIPS FOR THE GOALS

# ENVIRONMENT FRIENDLY CHEMICALS

We are aware of the contributions of the conservations we will do in the chemical field to the sustainability of our planet. Thanks to the project contributions and saving plans which we actualized with this awareness;



## COST OF CHEMICAL CONSUMPTION PER PRODUCT



*\*It contains the data in the production facility in Turkey.*

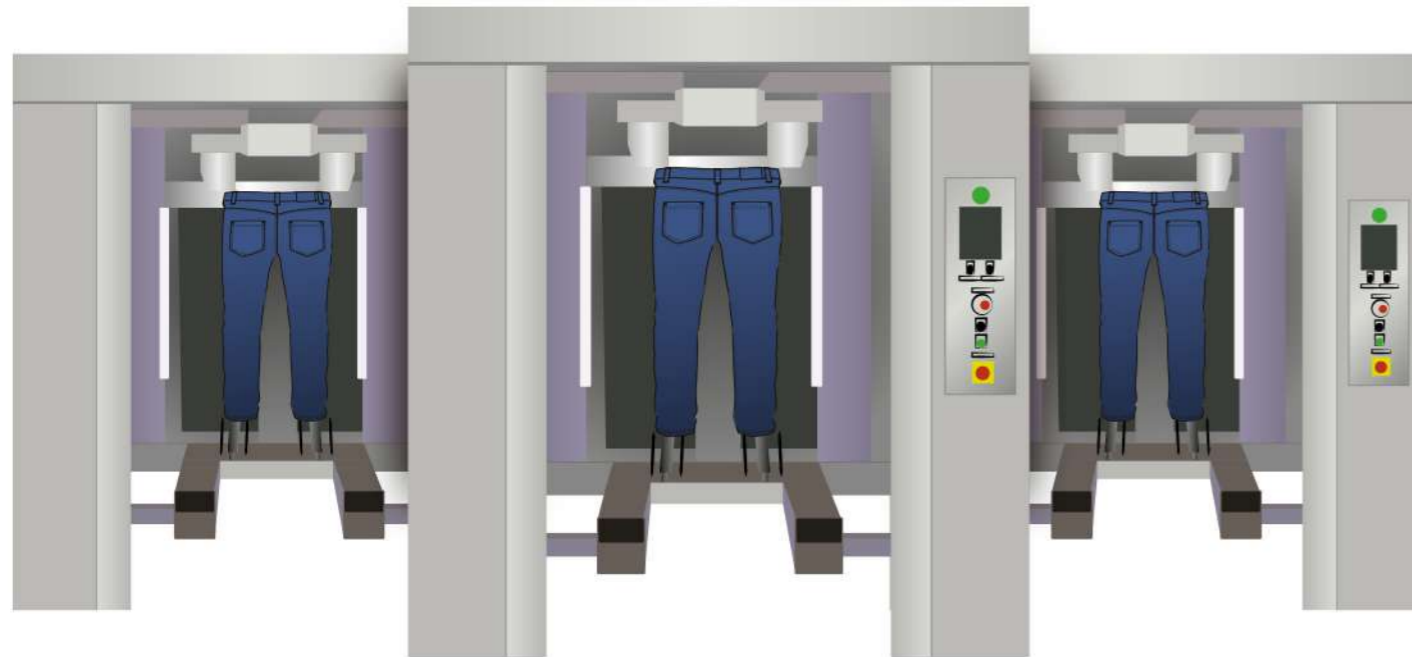


## LASER TECHNOLOGY

By using Laser Technology,  
we have saved

**25.000 tons**

of water in 2019.



We have increased the laser use  
rate in the dry processing to above

**90%**

## CHEMICAL MANAGEMENT SYSTEM

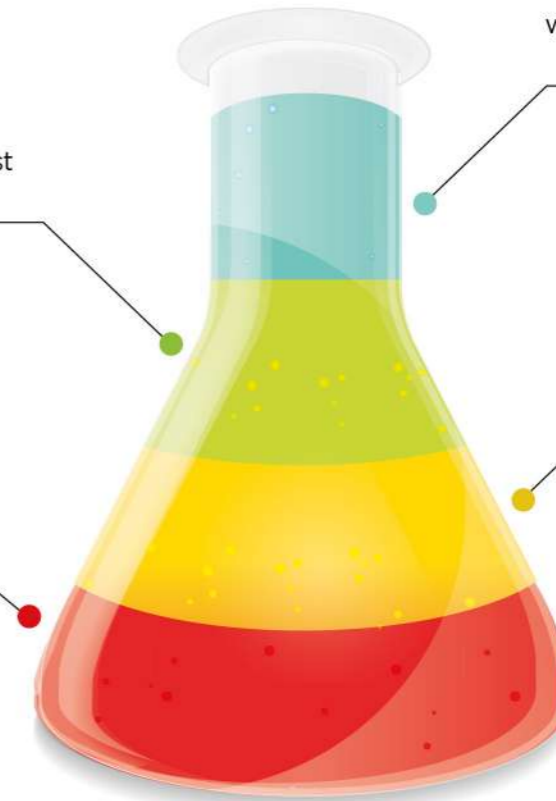
The use of chemicals in our facility is being uploaded  
to international platforms and can be monitored by our  
customers transparently.

We follow the legal  
regulations and lists of  
restricted substances list  
(RSL).

We do not allow any  
chemical to our factories  
without relevant MSDS and  
CIL documents.

We are following the  
latest technologies which  
would improve chemical  
management and usage.

We have been working on  
alternative chemicals to  
decrease our environmental  
impact to the minimum.



Our aim is  
**zero use of hazardous**  
chemicals.

## AUTO - DOSING

Thanks to auto-dosing system, one of our biggest investments to our chemicals management system.



With Automated Dosing, we transferred

**71%**

of our chemical consumption to the automation system.

## RECYCLING

Recycling quantities in the year 2019



▶ As a member of the **Sustainable Apparel Coalition**, we share our information regarding the environmental impact with our customers transparently through the Higg FEM module.



▶ In 2019; we accomplished the production of **34.730 pcs of Global Recycled Standard products.**



▶ With **EIM Score** software, we trace the impact of every recipe we create and attempt to determine necessary improvement points.



▶ We transfer all of our production processes to the digital environment with Digitay Production Tracking System.



▶ We have been using **SAP** system, **from finance to production**, in all processes for 7 years. Hence, we ensure almost 80% of paper conservation.



- 1** NO POVERTY
- 2** ZERO HUNGER
- 3** GOOD HEALTH AND WELL-BEING
- 4** QUALITY EDUCATION
- 5** GENDER EQUALITY
- 8** DECENT WORK AND ECONOMIC GROWTH
- 10** REDUCED INEQUALITIES
- 11** SUSTAINABLE CITIES AND COMMUNITIES
- 17** PARTNERSHIPS FOR THE GOALS

# SUSTAINABLE EMPLOYMENT

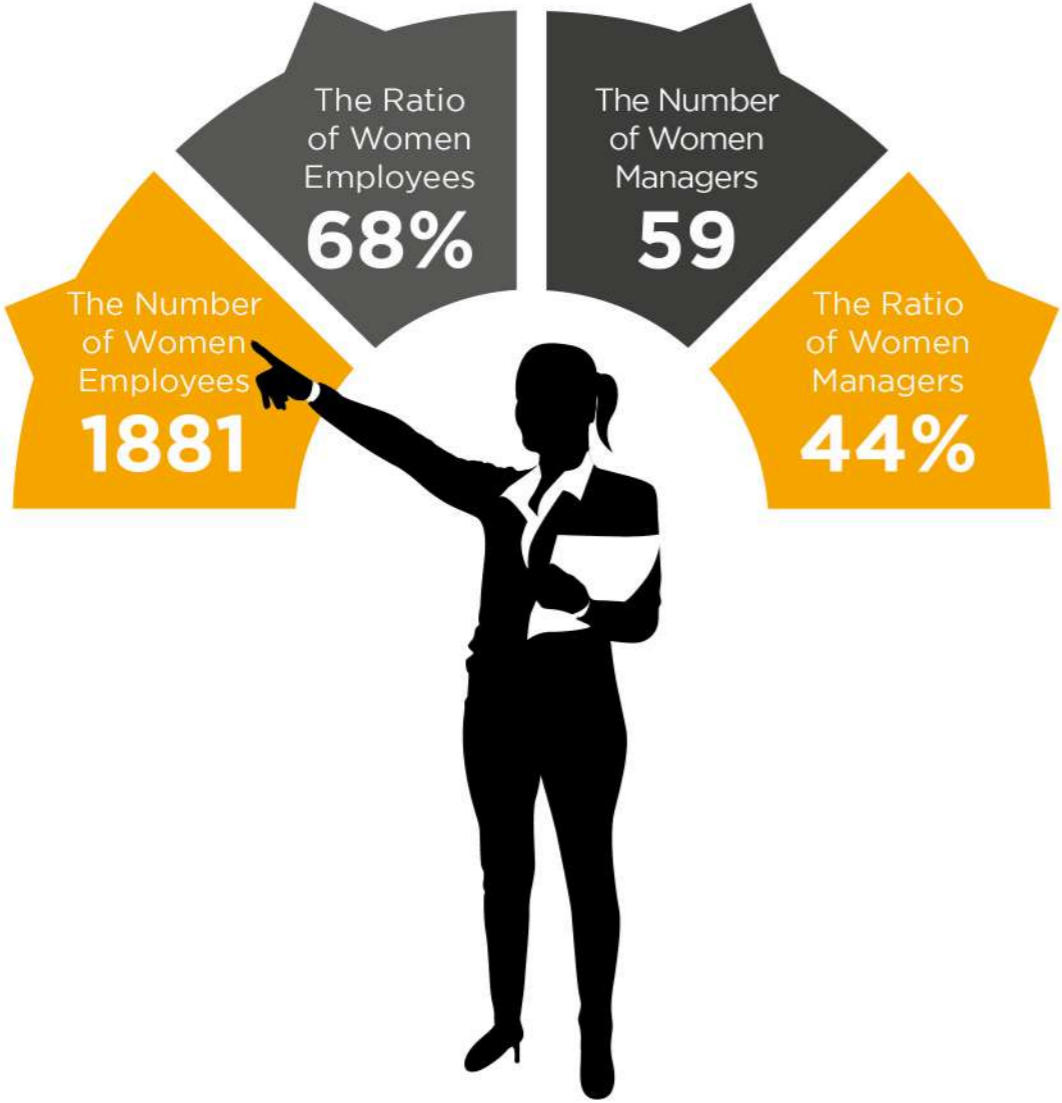
With the investments we conduct in Turkey and Serbia, we contribute to the sustainable employment of our country and our region.



\*It contains the data in the production facility in Turkey and Serbia.

# EMPOWERMENT OF WOMEN

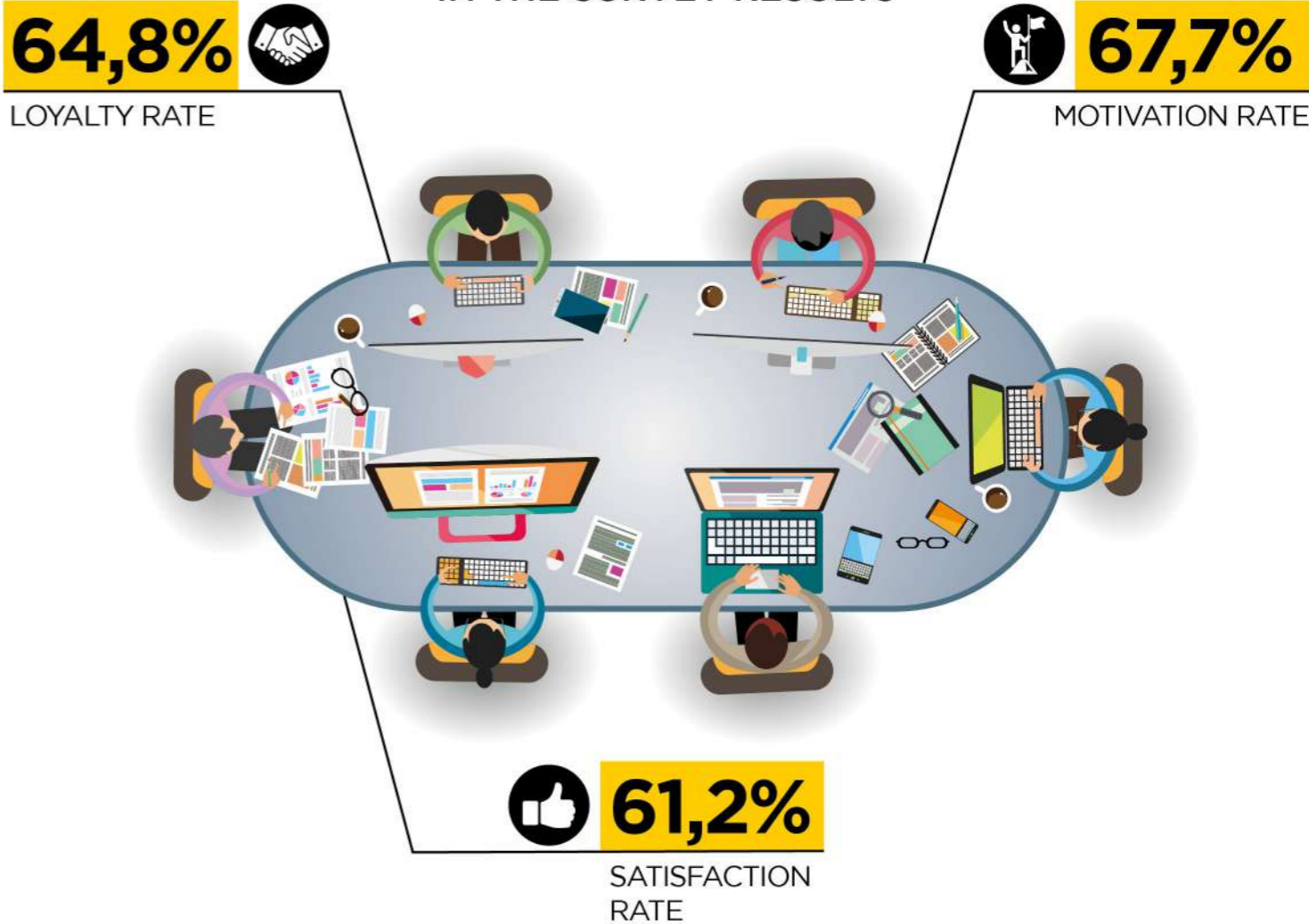
In Taypa Textile's  
Organization in Turkey



# EMPLOYEE LOYALTY AND MOTIVATION RESEARCH

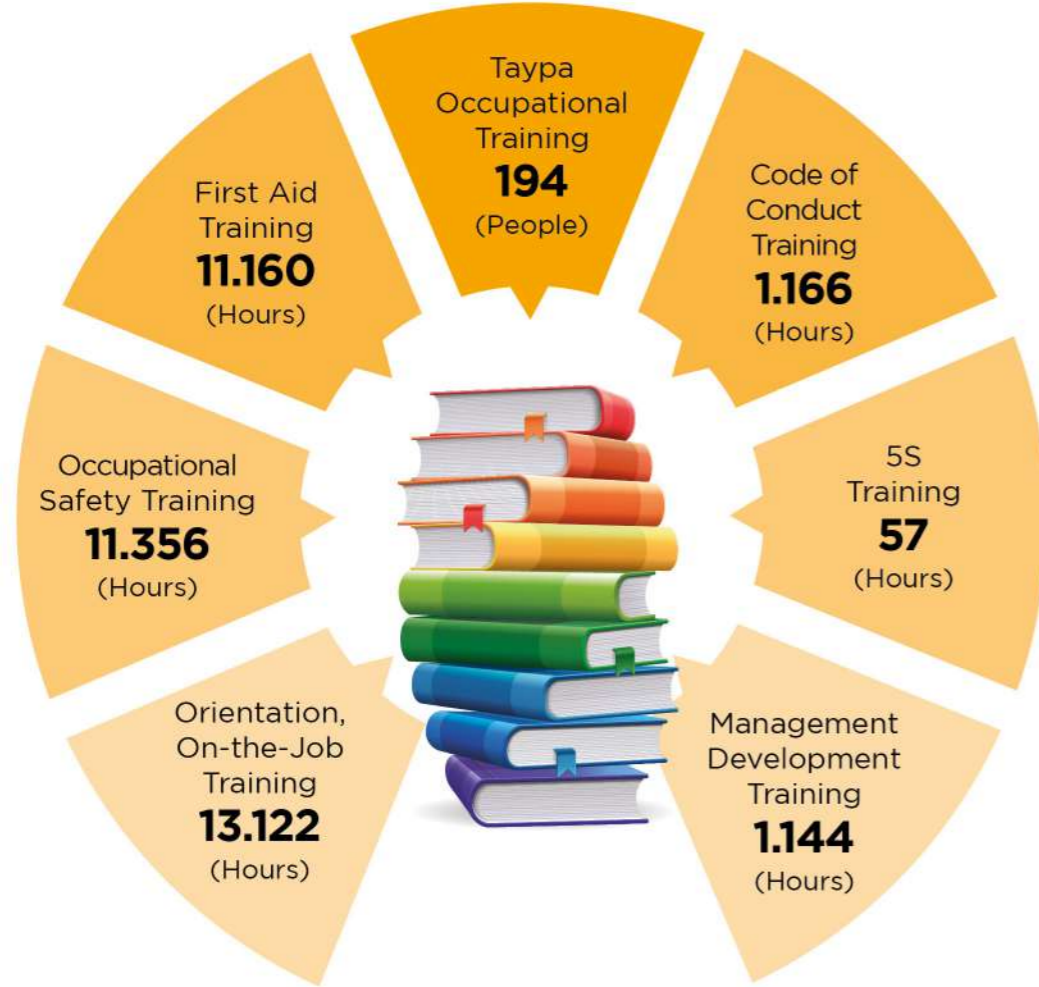
Employee satisfaction survey was conducted and finalized by an independent market research company.

## IN THE SURVEY RESULTS



## CONTINUOUS TRAINING

We attach great importance to continuous training, in order to follow the innovations and increase our knowledge.



We established libraries and training halls at each plant for our employees' usage. We expanded our horizons by participating to self-improvement conferences.

## CONTINUOUS TRAINING UNIVERSITY SEMINARS

With university seminars, we provided Design and Denim Washing Methods Training to around **500** students.



Through the on-the-job training practice applied in cooperation with Mimar Sinan Fine Arts University and IMA (İstanbul Fashion Academy), Denim Washing Methods training was provided. With the scope of cooperation with universities, Fashion and Denim Design Seminars were given at Marmara University, Mimar Sinan Fine Arts University, Ege University, 9 Eylül University, Tekirdağ Namık Kemal University and İstanbul Technical University.

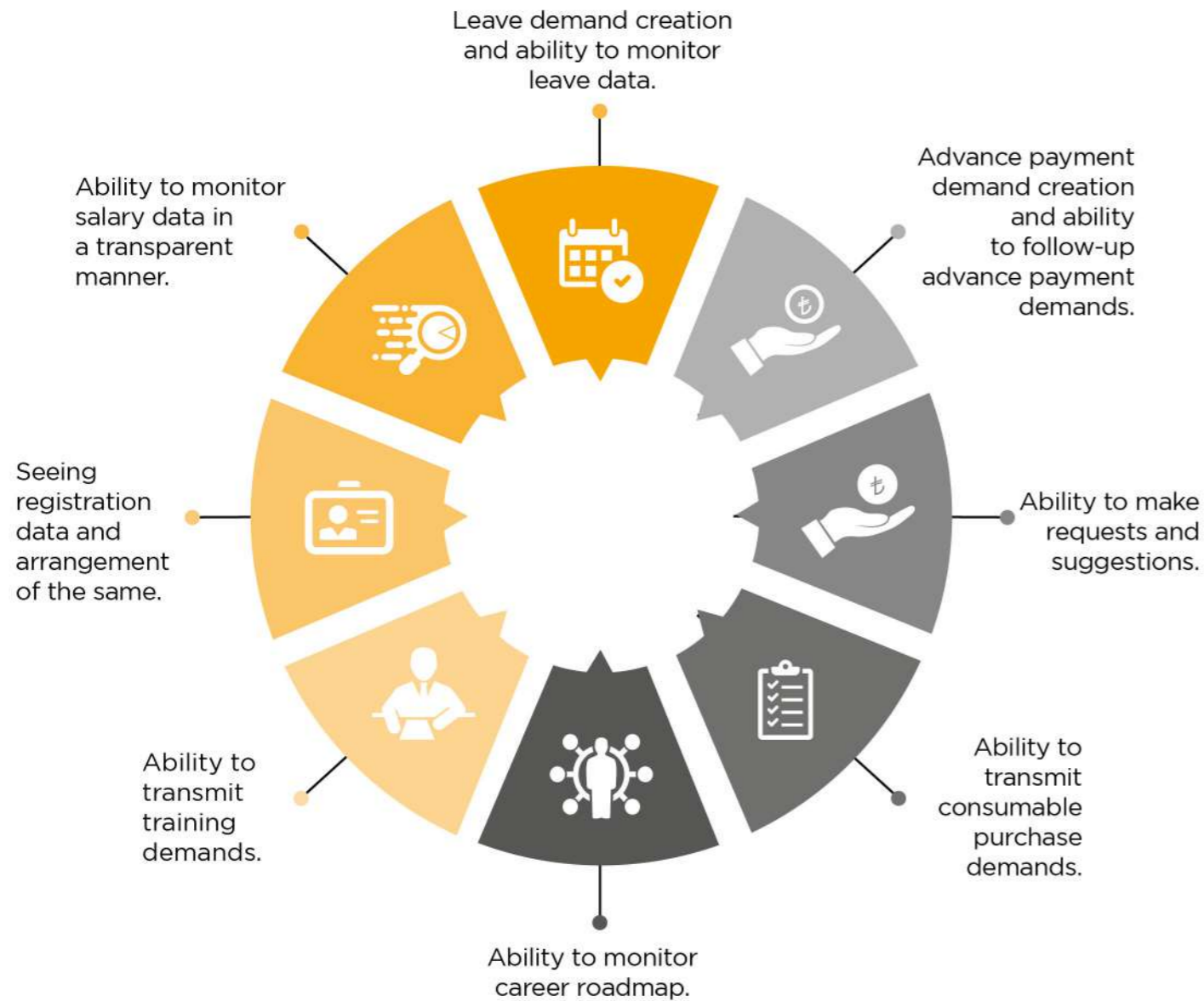


MİMAR SİNAN  
GÜZEL SANATLAR  
ÜNİVERSİTESİ

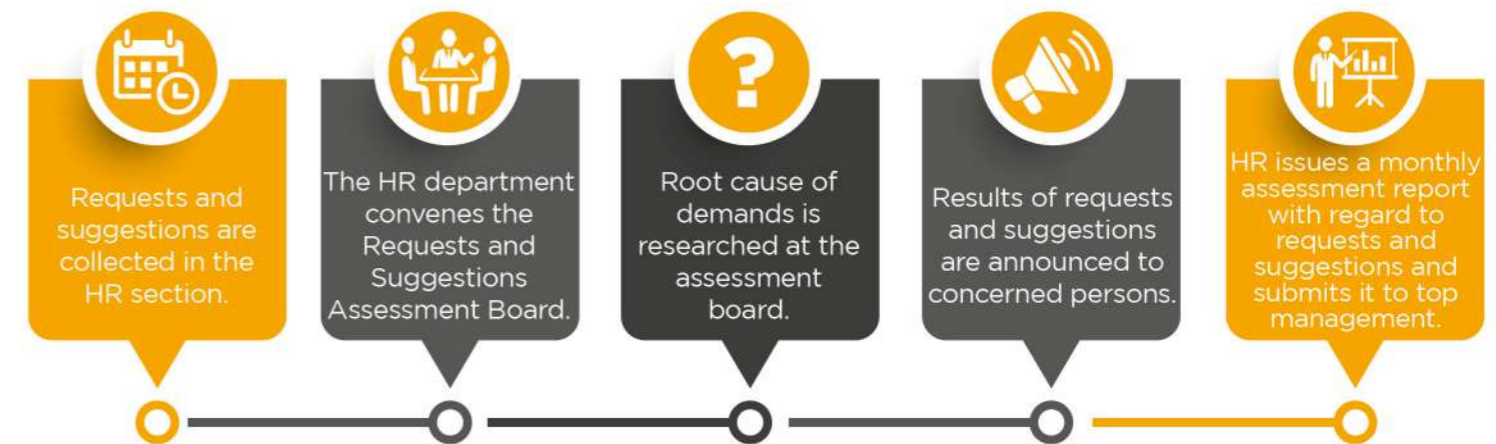


# HUMAN RESOURCES PORTAL

All the documentation relevant to the Human Resources portal are managed online, in a transparent and fast manner, enabling access from everywhere.



# TAYPA REQUEST AND SUGGESTION MANAGEMENT



# EMPLOYEE LOYALTY AND MOTIVATION ACTIVITIES



PICNIC

We aim to create a fun and pleasant working environment under the roof of employee activities. Hence, our employees find chances to develop their skills in different fields and socialize with their colleagues outside the work as well.

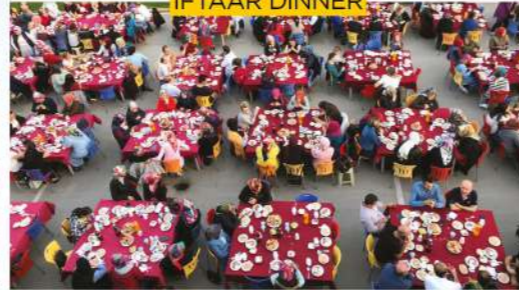
INTERNATIONAL WOMEN'S DAY



BOAT TOUR



IFTAAR DINNER



MOTHERS' DAY



BOWLING TOURNAMENT



FOOTBALL TOURNAMENT

# SENSITIVE TEAM



## WE HAVE BOOSTED OUR CHILDREN'S MORALE ON APRIL 23.

As of Taypa Family, we have visited children with cancer who live in KAÇUV Family Homes. We have celebrated the National Sovereignty and Children's Day Holiday by presenting them with the denim shirts and denim trousers which we have produced at our factories.



## WE RAN TO CREATE A SOCIAL CHANGE!

We ran together with the Community Volunteers Foundation to "Create a Social Change" in the 42. Istanbul marathon held on Sunday, November 3rd.



## WE HAVE NOT FORGOT THE SHELTERS!

We have made donations to the Animal Wellness Centre ENCANDER.



## THE RED CRESCENT AID

As of Taypa Family, we have delivered aid packages consisting of thousands of denim articles to the Red Crescent which stand by people at their difficult times. We will always continue supporting the Red Crescent being in the first place, the institutions that work for the good of people...



## WE HAVE CLEANED THE COASTS FOR THE PERMANENCE OF THE ECOSYSTEMS!

On 21 September International Coast Cleaning Day, we have cleaned Kıyıköy Coast located in Kırklareli/Vize.



## FULL SUPPORT FOR THE SCHOOL NEEDS OF OUR CHILDREN!

We have provided support for the children of our employees for the 2019-2020 academic year. We wish a clear mind and success to our children whom we provided support with a gift consisting of a school backpack containing stationery goods for a brighter future.

# 5S MODEL

We have equipped our working environment and conditions with the highest quality in terms of performance, security and cleaning by applying excavation, arranging, cleaning, standardizing and discipline steps with the 5S model in our factory and we ensure avoiding wastefulness.



1 SORT



2 SET IN ORDER



3 SHINE



4 STANDARDIZE



5 SUSTAIN



# MEMBERSHIP OF INTERNATIONAL PLATFORMS

With our memberships to International Platforms; besides meeting the expectations of our customers, we believe that ensuring a continuous improvement based on transparent cooperation is the first means in terms of our regularly examined products and systems.



1



Besides the social compliance audits of our customers, we plan regular BSCI, Sedex, ICS audits.

2



We evaluate our sustainability performance with Higg FEM (Facility Environmental Module) and Higg FSLM (Facility Social and Labor Module) and share our approved results with our customers.

3



We test our wastewater according to ZDHC parameters twice in a year and upload its results to ZDHC. Also, we report our monthly use of chemicals to ZDHC and Clean Chain platforms.

4



With our OCS (Organic Content Standard), RCS (Recycled Claim Standard) and GRS (Global Recycled Standard) certificates and BCI (Better Cotton Initiative) membership, we track the raw material from its source to the end product.

5



Our Egypt T&C factory has WRAP Gold and ISO 9001 2015 certificates.

# OUR STAKEHOLDERS

## YKK

Little Parts. Big Difference.

**Y**KK Group aims to contribute to the creation of a sustainable society and has been working on this issue from past to present. Although the concept of sustainability is not a new concept for YKK Group, it has adopted an environmentalist approach in its products since 1980.

Working to reduce the plastic problem in the sea this year, YKK Fastening Products Group has developed a new NATULON® Ocean Sourced™ zipper made of plastics collected from the oceans. This recycled zipper is made from plastic waste collected 50 km from the coastline and emits less CO2 and requires less energy than zipper made from normal polyester.

This year, we have presented the second of our first 'Sustainable' collection that we released last year. Also this year, we have added the vislon zipper option to our GRS certified "NATULON®" product group, the strip of which is made using recycled materials, as well as metal and plastic zipper options. "Screw Tack Button", one of our environmentally friendly metal button products that can be used, disassembled and replaced

repeatedly in this collection, provides a wide range of usage and ease to our customers, especially during denim recycling.

In addition, production of the AcroPlating™ (NH3) plated slider with sustainable process for the most commonly used metal zipper in denim and trousers started. Among the main advantages of this sustainable process are 49% water use, 80% CO2 emissions, 73% reduction in electricity consumption and 78% less thermal energy use.

As YKK (Turkey) A.Ş. to maintain this approach in the best way we are also expanding our range of sustainable products each passing day and strive to improve our processes. With TAYPA Group, which is based on environmentally sustainable development, we will continue to support sustainable production and YKK products that will contribute to this approach in the future as in the past.

**Güçlü Karavelioğlu**  
General Director /Sales and Marketing  
Department

## Jeanologia™

The Science of Finishing

**A**t Jeanologia we believe in Business as a force for good. Our technologies create an ethical, sustainable and eco-efficient blue jeans industry and we found in Taypa the perfect match on this transformation journey.

Together we formed a great team. Taypa inspires Jeanologia to improve. With the implementation of Jeanologia laser, G2 ozone and eflow technologies in Turkey, Egypt, Argelia and Serbia,

will be possible to achieve our challenge common goal; **Mission Zero** the total dehydration and detoxification of the Jeans industry.

We are proud to be Taypa technological partner.

**Enrique Silla**  
Jeanologia Founder

# OUR STAKEHOLDERS



The Taypa Group & Coats business cooperation, which has been going on for more than 20 years, has been moving to another sustainability-based dimension in recent years. Joint projects are being carried out within the framework of this cooperation, which is based on an environment and human-induced axis. Coats is developing new products that support Taypa's water and energy consumption reduction projects. In addition, by 2024, Coats commits that all Premium segment products will be produced from recycled raw materials.

During 2019, we were delighted to have joined, as a Participant, the UN Global Compact (UNGC). We are fully supportive and committed to the ten principles of the Compact, covering issues around human rights, labour, environment and anti-corruption. We are taking an active role in helping extend the UN Principles, which are already embedded in our business and promoting action in both our business and across our supply chain to help deliver the 2030 Sustainable Development Goals (SDGs).

1- Businesses should support and respect the protection of internationally proclaimed human rights; and

- 2- make sure that they are not complicit in human rights abuses.
- 3- Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.
- 4- The elimination of all forms of forced and compulsory labour.
- 5- The effective abolition of child labour; and
- 6- the elimination of discrimination in respect of employment and occupation.
- 7- Businesses should support a precautionary approach to environmental challenges;
- 8- undertake initiatives to promote greater environmental responsibility; and
- 9- encourage the development and diffusion of environmentally friendly technologies.
- 10- Businesses should work against corruption in all its forms, including extortion and bribery.

**Feridun Ayırğa**  
Regional Commercial Director



With the accumulation of knowledge as a fruit of long years and with its solution-oriented approaches, within its wide customer portfolio spread all over the world, Kaiser Tekstil provides sustainable textile washing processes and with regards to the dyeing parts, it provides the latest technologies. As being a part of sustainable washing solutions of the company DyStar for which it is a distributor, in the recent period, by promoting the Cadira Denim and Cadira Laundry concepts, from indigo dyeing to washing process, it offers uninterrupted and complete solutions to its customers. As part of these solutions, in an attempt to create an alternative to the bath brick which is intensively consumed in the

washing sector and seriously increase the carbon footprint of the enterprises, it released the F Stone 2020 product. For this product with an important place on the zero waste roadmap, we would like to thank our business partner, Taypa for making manufacturing trials for the development of the product and sharing all the details with us thus providing us direction and we are glad to provide a contribution for the sustainability targets of the global supply chain with ecological solutions.

**Serdar Demircioğlu**  
Sales and Product Development Director



## WARNING

Based on the information stated in the report; by referring to this information or due to information that is not available in the report, if either directly or indirectly, a loss or damage occurs, then for this damage or loss, Taypa Tekstil partners, subsidiaries, consultants or employees can in no way be held responsible.



In the preparation of this report \*FSC Document approved paper was used.

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*\*FSC (Forest Management Council) Document is a management certification system that intends to prevent bad forest policies, spread the forest management systems and enable make use of forests correctly.*



TAYPA

[www.taypa.com.tr](http://www.taypa.com.tr)



taypaofficial



taypa



taypatextile