# TURKISH TEXTILE INDUSTRY, CIRCULAR ECONOMY AND DEDICATION TO SUSTAINABILITY

## Brussels, May 2022





### THE IMPORTANCE OF TURKISH TEXTILE AND APPAREL INDUSTRY FOR TURKISH ECONOMY



### **EXPORTS**

WE ARE THE BIGGEST EXPORTER SECTOR WITH 30 BILLION DOLLARS OF EXPORTS

### FOREIGN TRADE SURPLUS

WITH 20 BILLION DOLLARS OF EXPORTS OUR SECTOR ACHIVES THE HIGHEST AMOUNT OF FOREIGN CURRENCY INFLOW TO TURKEY

### **EMPLOYMEN1**

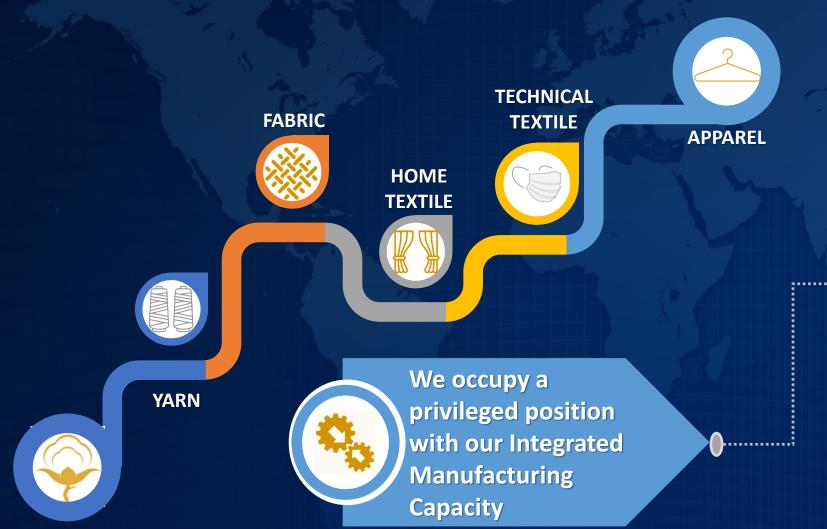
OUR SECTOR PROVIDES THE HIGHEST EMPLOYMENT WITH 1,2 MILLION JOB OPPORTUNITY IN MANUFACTURING INDUSTRY (FEMALE EMPLOYMENT RATE IS 41%)

### PRODUCTION

TOGETHER WITH APPAREL SECTOR OUR SECTOR MAKES THE MOST PRODUCTION IN MANUFACTURING INDUSTRY WITH 70 BILLION USD MANUFACTURING VALUE



### WE OCCUPY A PRIVILEGED POSITION IN PRODUCTION



## PRIVILEGED POSITION

We are one of the few countries in the world that can carry out all production stages of textile and apparel sectors from fiber production to apparel production with more than 20,000 producers.

FIBER

### **OUR STATUS IN GLOBAL FOREIGN TRADE**







### **COMPETITIVE ADVANTAGES OF TURKISH TEXTILE**





### **TURKISH TEXTILE EXPORT BY PRODUCTS**

YARN	2.65	6
WOVEN FABRIC	2.363	In 2021, Turkish reached the all-time high export with of 12,9 Billion \$
TECHNICAL TEXTILE	2.346	D in 2022 Truckiek Terrile induction eines te
HOME TEXTILE	2.319	<ul> <li>In 2022, Turkish Textile Industry aims to reach:</li> <li>15 Billion \$ to World</li> <li>7 5 Billion \$ to FUL (18% share)</li> </ul>
KNITTED FABRIC	2.139	<ul> <li>7,5 Billion \$ to EU (18% share)</li> <li>1 Billion \$ to US (%3,5 share)</li> </ul>
FIBER	1.029	Increase of 90% of its all export market

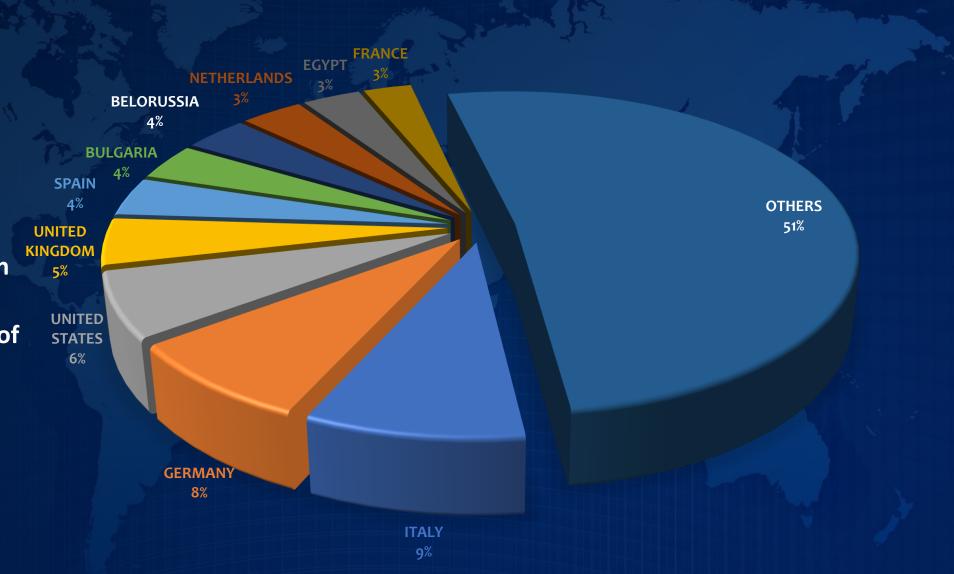
Source: Exporters Association, May 2022 (Unit: Million \$)



### **TURKISH TEXTILE EXPORT MARKETS**



Mainly to European markets, with approximately half of its total export





### **PROMINENT COUNTRIES IN FIBER FOREIGN TRADE**

	PR	OMINENT COL	JNTRIES IN FIB	ER EXPORT			
UNIT: MILLION \$	2017	2018	2019	2020	2021	CHANGE	SHARE
1 USA	7.054	7.770	7.254	6.952	6.792	-2,3%	17,3%
2 AUSTRALIA	4.449	4.791	3.357	1.904	4.070	113,7%	10,4%
3 INDIA	2.726	3.209	1.995	2.301	3.972	<b>72,6</b> %	10,1%
4 BRAZIL	1.473	1.737	2.752	3.333	3.518	5,5%	9,0%
5 CHINA	3.159	3.675	3.202	2.285	2.667	<b>16,7%</b>	<b>6,8</b> %
6 SOUTH KOREA	1.332	1.588	1.328	1.130	1.328	<b>17,6</b> %	3,4%
7 BELGIUM	855	1.106	1.145	932	1.204	29,2%	3,1%
8 INDONESIA	535	612	881	687	1.061	54,6%	2,7%
9 THAILAND	804	992	850	706	921	<b>30,5</b> %	2,4%
10 GREECE	406	411	598	456	815	78,6%	2,1%
TURKEY (13th)	315	383	397	347	640	84,6%	1,6%
OTHER COUNTRIES	11.676	12.809	12.110	9.780	12.158	24,3%	31,1%
TOTAL EXPORT	34.786	39.083	35.870	30.813	39.147	27,0%	100,0%
Source: ITC Trade Map - May 2022							

	PR	OMINENT COU	INTRIES IN FIB	ER IMPORT			
UNIT: MILLION \$	2017	2018	2019	2020	2021	CHANGE	SHARE
1 CHINA	7.566	9.175	8.713	7.334	8.308	13,3%	20,3%
2 TURKEY	3.059	2.757	2.902	2.626	3.739	42,4%	9,2%
3 VIETNAM	2.953	3.462	3.087	2.761	3.397	23,0%	8,3%
4 BANGLADESH	2.118	2.687	2.508	2.232	3.225	44,4%	<b>7,9</b> %
5 PAKISTAN	1.345	1.701	1.266	1.861	2.600	39,8%	6,4%
6 INDONESIA	2.128	2.356	1.823	1.273	1.727	35,6%	4,2%
7 ITALY	1.628	1.889	1.659	1.186	1.655	39,5%	4,1%
8 INDIA	1.923	1.694	2.406	1.054	1.500	42,3%	3,7%
9 USA	1.284	1.391	1.304	1.134	1.466	29,2%	3,6%
10 GERMANY	1.289	1.253	1.116	934	1.179	26,2%	<b>2,9</b> %
OTHER COUNTRIES	12.766	14.216	12.823	10.356	12.065	16,5%	29,5%
TOTAL IMPORT	38.058	42.582	39.608	32.753	40.860	24,8%	100,0%
Source: ITC Trade Map - May 2022							



### **GLOBAL FIBER FOREIGN TRADE BY SUB-PRODUCTS**

GLOBAL FIBER EXPORT BY SUB-PRODUCT									
UNIT: MILLION \$	т	OTAL EXPORT		TUF	RKEY'S EXPOR	KEY'S EXPORT		TURKEY'S SHARE	
	2020	2021	CHANGE	2020	2021	CHANGE	2021	2021	
	14.955	18.698	25,0%	213	389	<mark>82,9</mark> %	1,4%	2,1%	
SYNTHETIC-ARTIFICIAL FIBER	9.672	12.087	25,0%	115	223	92,8%	1,2%	1,8%	
WOOL AND FIBER OF FINE/COARSE ANIMAL HAIR	4.072	5.778	<b>41,9%</b>	17	27	<mark>58,8</mark> %	0,4%	0,5%	
VEGETABLE FIBER	1.807	2.232	23,5%	1	0	-52,5%	0,0%	0,0%	
SILK FIBER	308	352	<b>14,3</b> %	1	1	<mark>62,9</mark> %	0,3%	0,4%	
TOTAL EXPORT	30.813	39.147	27,0%	347	640	84,6%	1,1%	<b>1,6</b> %	
Source: ITC Trade Map - May 2022									

GLOBAL FIBER	IMPORT	BY :	SUB-PRODUCT
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	т	OTAL IMPORT		TURKEY'S IMPORT		кт	TURKEY'S SHARE	
UNIT: MILLION \$	2020	2021	CHANGE	2020	2021	CHANGE	2021	2021
COTTON FIBER	14.297	18.374	28,5%	1.672	2.474	48,0%	11,7%	13,5%
SYNTHETIC-ARTIFICIAL FIBER	12.337	14.836	20,3%	874	1.173	34,2%	7,1%	7,9%
WOOL AND FIBER OF FINE/COARSE ANIMAL HAIR	4.175	5.315	27,3%	70	77	10,2%	1,7%	1,4%
VEGETABLE FIBER	1.633	1.976	21,0%	8	12	54,8%	0,5%	0,6%
SILK FIBER	311	358	15,4%	2	2	31,0%	0,6%	<b>0,7%</b>
	32.753	40.860	24,8%	2.626	3.739	42,4%	8,0%	9,2%
Source: ITC Trade Map - May 2022								

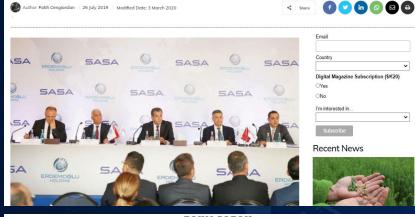


### **INVESTMENTS ON FIBER IN TURKEY**

#### Home Page » Topical » SASA Launches Giant Investment of 11.8 Billion Dollars

SASA Launches Giant Investment of 11.8 Billion Dollars

Sasa will invest \$11.8 billion for petrochemicals in Adana-Yumurtalık.





#### Turkish polyester giant Sasa announces new \$300M investment

Y DAILY SABAH WITH AA | ISTANBUL | ECONOMY | MAR 22, 2021 | 1:23 PM GF



Sasa's polyester production factory in southern Adana province, Turkey, Sept. 21, 2020. (Sabal

Turkish polyester producer Sasa announced a new investment Monday with an estimated value of \$330 million (TL 2.61 billion).







The groundbreaking ceremony of the 3rd stage investment of the DowAksa carbon fiber factory was held with the participation of Industry and Technology Minister Mustafa Varank

## Aksa Akrilik will make another 45 million dollar investment

Aksa Akrilik Board Member and General Manager Cengiz Taş noted that they achieved sustainable success thanks to their value-added export performance and production diversity, in his statement evaluating the financial results in the first quarter of 2022. Taş stated that they continue to add value to their stakeholders with the important investments they have made in the past and their corporate governance approach.

Taş relayed that they will invest in a new technical yarn facility, and shared the following details; "We are starting a new yarn facility investment with an annual production capacity of 7 thousand tons, considering the demand in our country and in the world. We are planning to commission our facility, which has a budget of 45 million dollars, at the end of 2024, with the negotiations we made with the machinery manufacturers. Our investment will continue to contribute to the country's economy by providing high export income when it gets completed."



ITKIB is one of the 13 General Secretariat of Exporters' Associations exist country-wide. With its share of 11% in Turkey's total exports and more than 20.000 member exporter companies, ITKIB is a fundamental industrial organization of Turkey.

Istanbul Apparel Exporters' Association (IHKIB)

• 80% of total apparel exports of Turkey

Istanbul Textile and Raw Materials Exporters' Association (ITHIB)

• 45% of total textile exports of Turkey

Istanbul Leather and Leather Products Exporters' Association (IDMIB)

• 85% of total leather products exports of Turkey

Istanbul Carpet Exporters' Association (IHIB)

• 22% of total carpet exports of Turkey





İSTANBUL DERİ VE DERİ MAMULLERİ İHRACATÇILARI BİRLİĞİ





### **OUR VISION AND GOALS**

to enhance the textile exports of Turkey to promote Turkish textile industry around the world

to support its members in all kinds of trade related activities. THB

İSTANBUL TEXTILE AND RAW MATERIALS EXPORTERS' ASSOCIATION to promote common interests of the industry in both national and international platforms as well as in governmental levels



### **ACTIVITY AREAS OF ITHIB**

Activities for the development of export	Export registration	R&D, reporting and data sharing	National participation to international fairs		
Trade delegations	Design and fashion contests	Guidance on Formalities	Promotion		
Sectoral Projects	Training Programmes	Publication	Many others		



Approximately 200 Exhibitors

### **TEXHIBITION ISTANBUL FABRIC AND TEXTILE ACCESSORIES FAIR**

Texhibition Istanbul Fabric and Textile Accessories Fair brings yarn, woven fabric, knitted fabric, textile accessories companies (166 Total # of Exhibitors) together!







### HUMAN RESOURCES FOR THE INDUSTRY

8

□ Futuretex is a contest that brings new talents trained in fashion design and industry together and gives these young designers the opportunity to present their collections



FUTURETEX ISTANBUL FutureBase International

#### CONTEST COACH Tuvana Büyükçınar

#### AWARDS

 First Place
 12.000 €

 Second Place
 9.000 €

 Third Place
 6.000 €

 Special Jury Award
 3.500 €

 Visit Première Vision Paris Fair

DEADLINE JUNE 24TH, 2022

HOW TO APPLY futuretexistanbul.com



Türkiye



### **Vocational Education**

- Supporting of vocational high schools and higher education department
- Cooperation with universities and design faculties

### **On-the-job trainings**

- Informative sectoral seminars and conferences
- Training programmes for foreign trade, marketing and market research



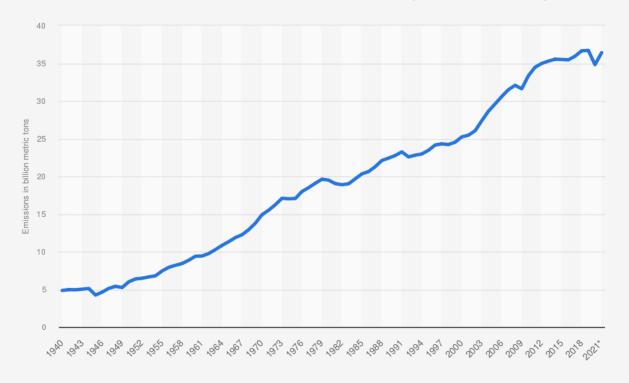
### My choice is Textile Engineering Project!

scholarships and job guarantees up to the minimum wage for students who choose the textile engineering department in the university entrance exam!



### THE GROWING GLOBAL DANGER: CLIMATE CHANGE

Annual CO2 emissions worldwide from 1940 to 2020 (in billion metric tons)



 Sources
 Additional Information:

 Global Carbon Project; Expert(s) (Friedlingstein et al.);
 Worldwide; Global Carbon Project; Expert(s) (Friedlingstein et al.);
 1940 to 2020

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□ The increase in carbon emissions, which was relatively slow until the middle of the 20th century, increased to 6 billion tons in the 1950s, and reached 22 billion tons in 1990, almost quadrupling this level.



### UNITED NATION THE SUSTAINABLE DEVELOPMENT GOALS (SDGS)

## DIRECT





## INDIRECT







\$2.5 trillion industry is the second highest water user, produces 20% of total waste and is the 2nd or 3rd largest sector polluting the world.

□ The production of a cotton shirt requires **2,700 Liters of water.** 

**4% of global carbon emissions** are emitted by the fashion and textile industry.

- The average consumer buys 60% more clothes compared to 2000, but each garment is used for half as long as before, and 40% of the clothes in our closets are never worn.
- 95% of used textile products can be recycled.

**Only 20%** of clothing waste is collected for reuse and 80% is treated in landfills or incinerators.

□ If renewable energy is used in textile, a decrease of approximately 60% can be achieved



### **BRANDS AND SUSTAINABILITY**

Sustainability can only be achieved with the cooperation of brands.

- Leading brands have great responsibility to set an example for the textile industry and to pave the way for a better future.
- The customer now wants to know where, how and under what conditions the product he wears is produced and its impact on the world.
- □ Brands cannot ignore this demand and expect their manufacturer/supplier to meet these standards.
- All brands of all sizes will follow this path and differentiate themselves from the competition by providing these standards.
- The increase in emissions, which was relatively slow until the middle of the 20th century, increased to 6 billion tons in the 1950s, and reached 22 billion tons in 1990, almost quadrupling this level.



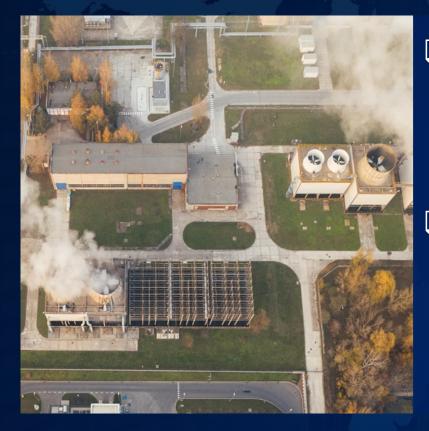
### **TODAY CONSUMERS PERSPECTIVE**

- 64% of global consumers care strongly about the social, ethical and environmental impact of their behaviors
- 57% think it is the responsibility of brands and manufacturers to drive change in society & business and support the issues that are important to them
- 48% think that brands should be doing better on environmental issues





### **TODAY CONSUMERS PERSPECTIVE**



The Textile Ecosystem is facing a fundamental challenge: the need to reduce its environmental footprint and advance the adoption of sustainable business models.

According to the Circular Economy Action Plan of the European Commission, this industry is the fourth highest-pressure category for the use of raw materials and water and the fifth in terms of Greenhouse Gas (GHG) emissions.



### **TURKISH TEXTILE INDUSTRY SUSTAINABILITY ACTION PLAN**



July 2021 'Turkish Textile Industry Sustainability Action Plan' was announced by the Istanbul Textile and Raw Materials Exporters' Association (İTHİB) under the leadership of the Turkish Exporters' Assembly (TIM).

Turkish Textile Industry is the FIRST and ONLY sector which announced Sustainability Action Plan.

Turkish Textile Sustainability Action Plan won «Sample Action Plan Award» from Turkish Corporate Social Responsibility.

## SUSTAINABILITY TRANSFORMATION AND CIRCULARITY PROGRAM OF TEXTILE

Sustainability and Circularity focused awareness programs, general and technical trainings, workshops, webinars are being held.

□ 4 months-certificate program,

TEKSTİL SEKTÖRÜ

SERTİFİKALI

PROGRAMI

**Başvurular Devam Ediyor!** 

4 AY / 72 SAAT

SÜRDÜRÜLEBİLİRLİK Dönüşümü

- More than 1000 participant to every session,
- Textile Industry Sustainability Guideline

3 Mart 2022 ' den itibaren her Salı ve Perşembe

10:00 - 12:30

zoom 🕅

### EĞİTİM İÇERİĞİ

#### Sürdürülebilirlik

- Döngüsellik ve Sürdürülebilir İş Modell
- Sürdürülebilirliğin Finansmanı
- Gezegenin Sürdürülebilirliğ
- İnsan Odaklı Sürdürülebilirlik
- İş Dünyasında Sürdürülebilirlik
- Sürdürülebilir Tedarik Zinciri Yönet
- Tekstilde Sürdürülebilirlik Sertifika, Standart ve Platformları
- Barkalar ve Sürdürülebilirlik Hikayeleri
- Sorumlu Üretici Markaları Sürdürülebilirlik Uygulamaları

#### Ayrıntılı Bilgi ve Kayıt İçin;

- www.ithib.org.tr
- tekstilarge@ithib.org.t
- S 0212 454 02 06



stainabili

### SUSTAINABILITY TALKS

An awareness raising conference+networking event highlighting innovation and transparency and amplify sustainable solutions to many of the difficult challenges facing the textile industry, from the climate emergency to transparency of supply chains, responsible sourcing of raw materials and minimum resource usage in water and energy.
 550 in person + 3500 digital participation





### **GMO FREE TURKISH COTTON**

- GMO Free Turkish Cotton is cotton that has been produced and processed responsibly in accordance with environmental and social sustainability criteria, using GMO free seeds.
- According to data provided by International Cotton Advisory Committee (ICAC), Turkey occupies the 2nd place in cotton production efficiency in the World.
- With GMO Free Turkish Cotton standard, it is aimed to trace purchase, process, and use of GMO free cotton products in all industrial processes involving cotton, to determine and document producer criteria.
- The standard will ensure sustainability and traceability of GMO free cotton textile products, thus environmental and social policies determined in the framework of the standard will be spread out.









# MUSTAFA DENİZER BOARD MEMBER OF ITHIB

THANK YOU FOR YOUR ATTENTION