



# UCEL<sup>®</sup>

**RUBBER TO METAL EXPERT  
KAUÇUK & METAL UZMANI**

**YOUR RUBBER TO METAL PARTS SOLUTIONS PARTNER**



International  
Organization for  
Standardization



Kalite Yönetim Sistemi  
TS EN 45012  
AB-0021-KY

[www.ucelrubber.com](http://www.ucelrubber.com)



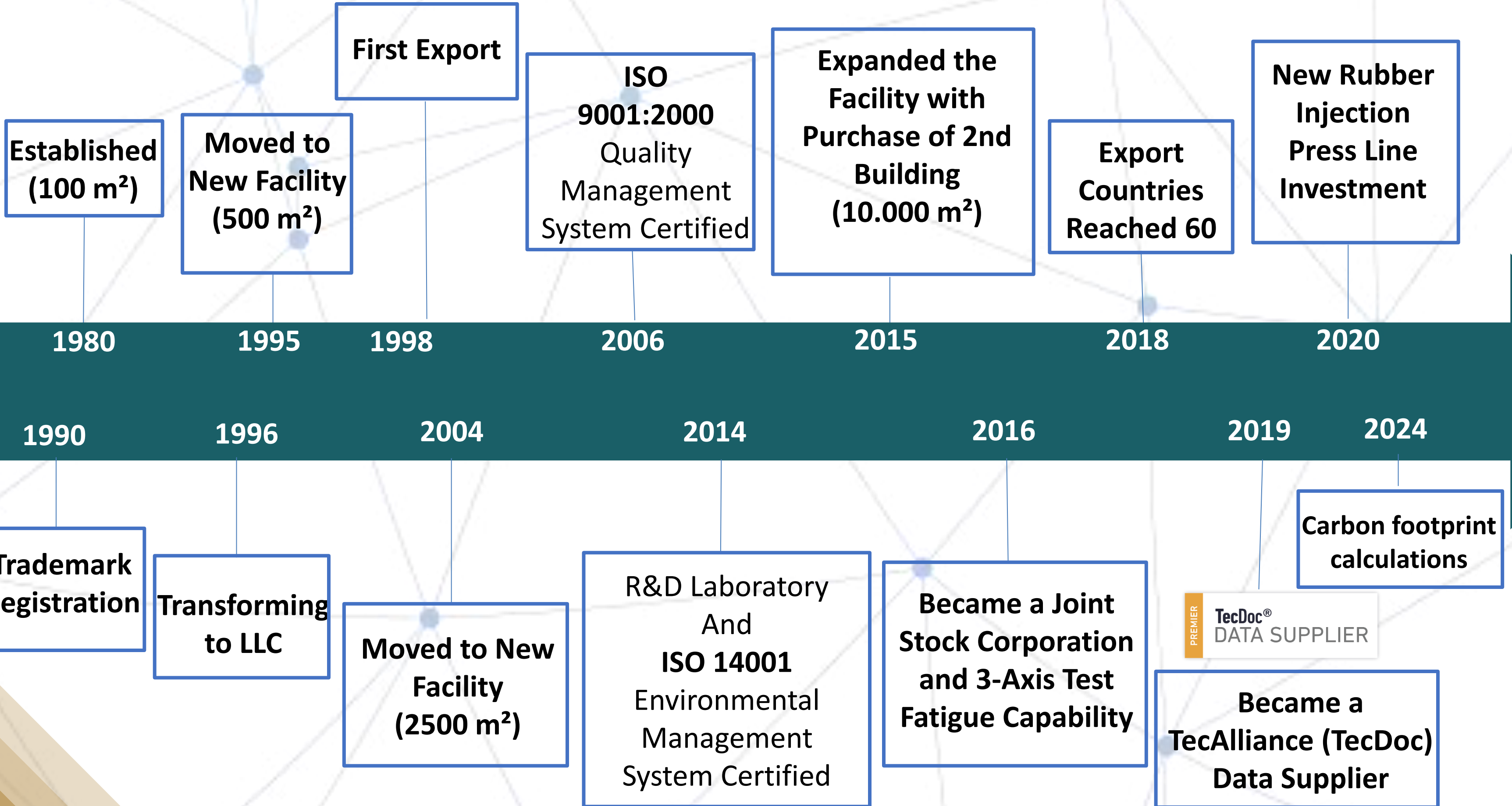
TQS BELGELENDİRME



## OUR STORY

**ÜCEL Rubber** was founded in **1980** in **Bursa**, the heart of the Turkish automotive industry. Since its establishment, with its quality-focused philosophy and dedicated team, **ÜCEL Rubber** has closely followed OEM part production and activities in both domestic and international markets. With its R&D department and testing laboratory, the company continues to serve the **after-market** sector.

# ÜCEL HISTORY



**Established  
(100 m<sup>2</sup>)**

**Moved to  
New Facility  
(500 m<sup>2</sup>)**

**First Export**

**ISO  
9001:2000  
Quality  
Management  
System Certified**

**Expanded the  
Facility with  
Purchase of 2nd  
Building  
(10.000 m<sup>2</sup>)**

**Export  
Countries  
Reached 60**

**New Rubber  
Injection  
Press Line  
Investment**

1980

1995

1998

2006

2015

2018

2020

1990

1996

2004

2014

2016

2019

2024

**Trademark  
Registration**

**Transforming  
to LLC**

**Moved to New  
Facility  
(2500 m<sup>2</sup>)**

**R&D Laboratory  
And  
ISO 14001  
Environmental  
Management  
System Certified**

**Became a Joint  
Stock Corporation  
and 3-Axis Test  
Fatigue Capability**

**PREMIER  
TecDoc®  
DATA SUPPLIER**

**Became a  
TecAlliance (TecDoc)  
Data Supplier**

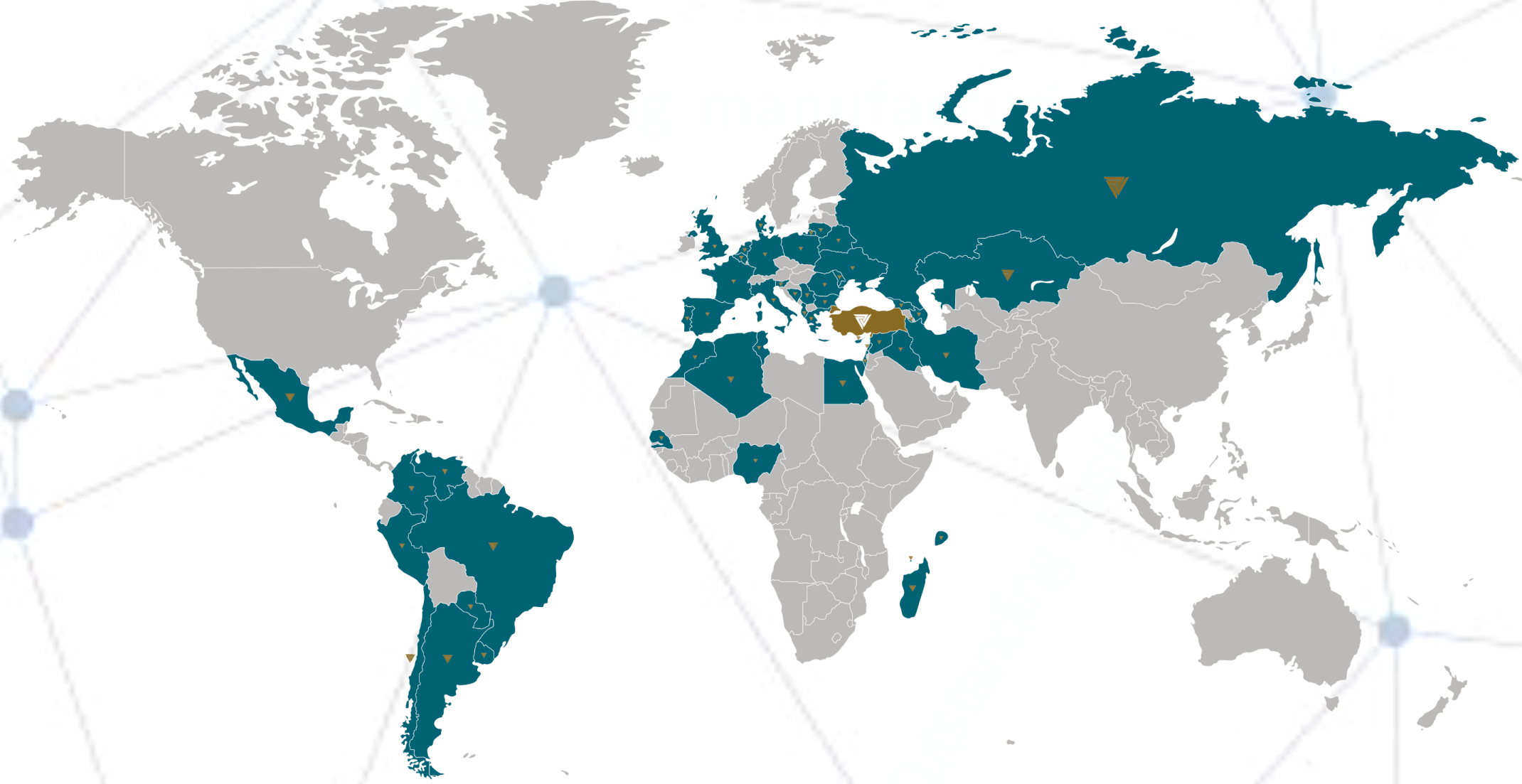
**Carbon footprint  
calculations**

Mastering manufacturing

Unrivalled product offer

Outstanding business support

We offer a complete and robust program based on these three pillars.



**4.000+** PRODUCT REFERENCE

PRODUCTION EXPERIENCE SINCE **1980**

**20.000+**

PASSENGER CARS & LCV  
MODEL APPLICATIONS

**4** CONTINENT **60** COUNTRY

**R&D & TESTING**  
LABORATORY

# OUR PRODUCT RANGE

## Mounts



- Engine Mount
- Hydraulic Engine Mount
- Transmission Mount
- Crank Pulley
- Shock Absorber Mounts
- Exhaust Mounts

## Bellows



- Axle Boots
- Shock Dust Boots
- Steering Boots
- Air Filter Boots
- Bearing Axle Boots

## Hoses



- Radiator Hoses
- Turbo Hoses
- Fuel Hoses
- Air Filter Hoses
- Oil Hoses
- Heater Hoses
- Air Conditioning Hoses

## Bushings



- Control Arm Bushings
- Shock Absorber Bushings
- Engine Cradle Bushings
- Tie Rod End Bushings
- Helical Bushings
- Rear Crossmember Bushings

# OUR PRODUCT RANGE

## Crank Pulley



## Rubber and Metal Parts



## Water Tanks



- Expansion Tanks (Water Tanks)
- Pedal Rubbers
- Stabilizer Rubbers

- 4,000+ Product references
- 20,000+ Passenger Cars & LCV compatibilities
- 250 New product references (Annually)

# RESEARCH & DEVELOPMENT

## Extensive Market Knowledge

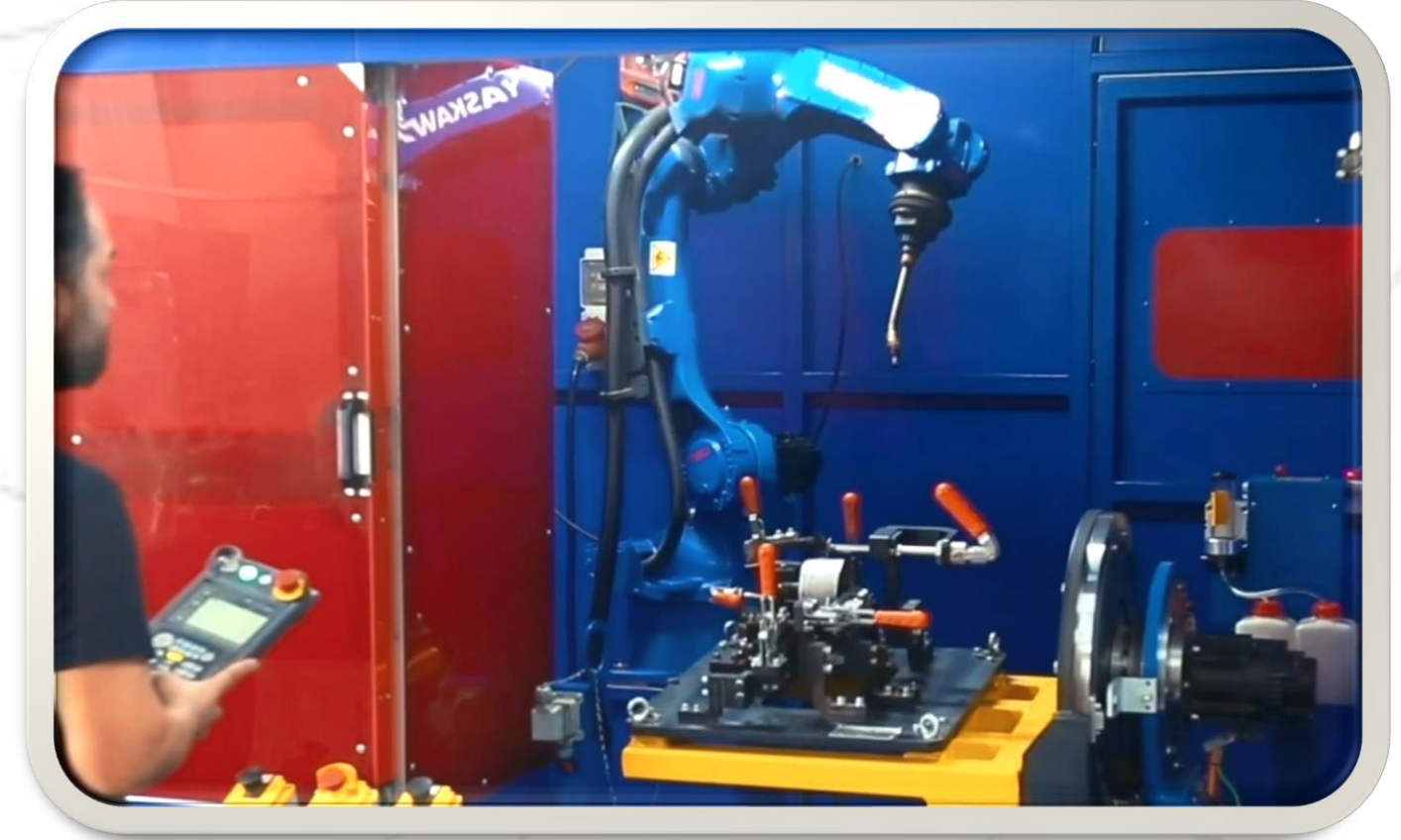
- Market Research and Analysis
- Deep knowledge and coverage of the local and international car park





# PRODUCTION CAPACITY

- Our factory produces 5,000,000 and more parts per year with its more than 200 personnel at 15 stations.
- Our main stations; Vulcanization, Sheet Press, Aluminum Injection, Plastic Injection and Assembly lines
- Production is made over 200 machines
- An average of 250 new products are put into use annually



## Current investments

- 28 Pcs Vulcanization Presses
- 3 Pcs Aluminum Injection Presses
- 3 Pcs Plastic Injection Presses
- 7 Pcs Eccentric Presses
- 3 Pcs Hydraulic Presses
- 15 Pcs Hydraulic Assembling Presses
- Compound Finalizing Line
- Surface Preparation Line
- Pipe Cutting Line
- Fully Automated Welding Robot
- Pulley (Pully) Production Line (4 CNC Lathes)
- Mold Production Line (6 CNC Lathes)
- Mold Maintenance Line(6 Classical CNC Lathes)

## Planned investments

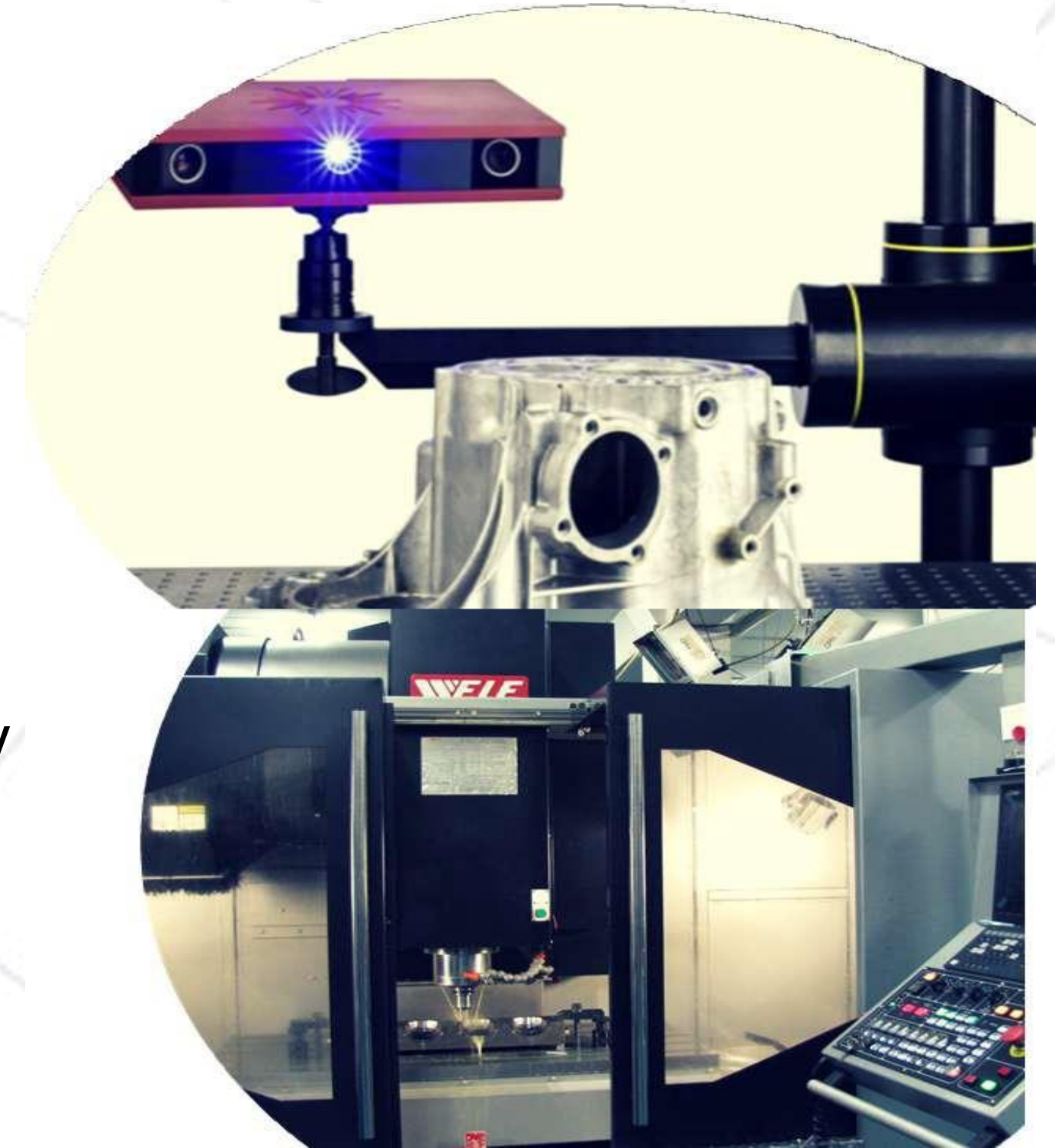
- 3D Printer (Metal, Rubber, Plastic)
- Spectrometer
- Automated Assembly Line
- New Facility (50.000m<sup>2</sup>)

# RESEARCH & DEVELOPMENT

## High Tech Tools

- From Reverse engineering to the CNC machining and the analysis and simulation,
- Software and hardware 3D scanning technology

Automated ATOS 3D metrology. In the standardized measuring machine ATOS ScanBox, ATOS Triple Scan is used for fully automated measuring and inspection of parts.



# RESEARCH & DEVELOPMENT

## High Tech Tools

- Computer aided design (CAD)
- Computer aided manufacturing (CAM)
- Electro discharge machining (EDM)
- CNC machining

CATIA,VISI,MASTERCAM world wide  
used software for design & modelling

ANSYS, powerful tool for simulation  
& analysis



# QUALITY CONTROL

## Tensile strength

Measuring how much bending and shaping our raw materials can withstand before braking or being deformed



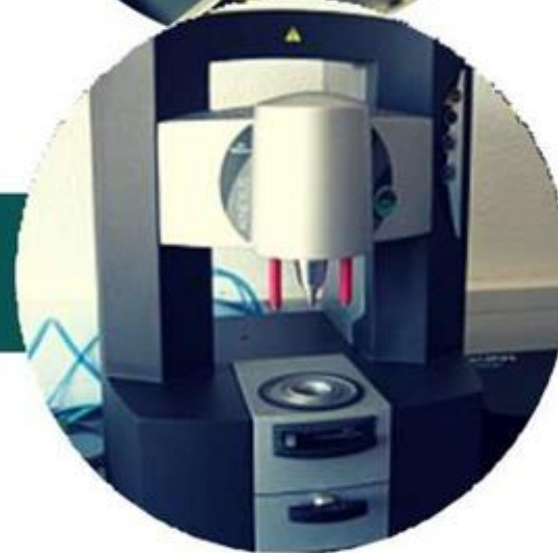
## Fatigue tests

Putting the car part through a round of cycles that simulate the road application of the part to specify the capacity of the part and the load it can withstand through a certain number of cycles



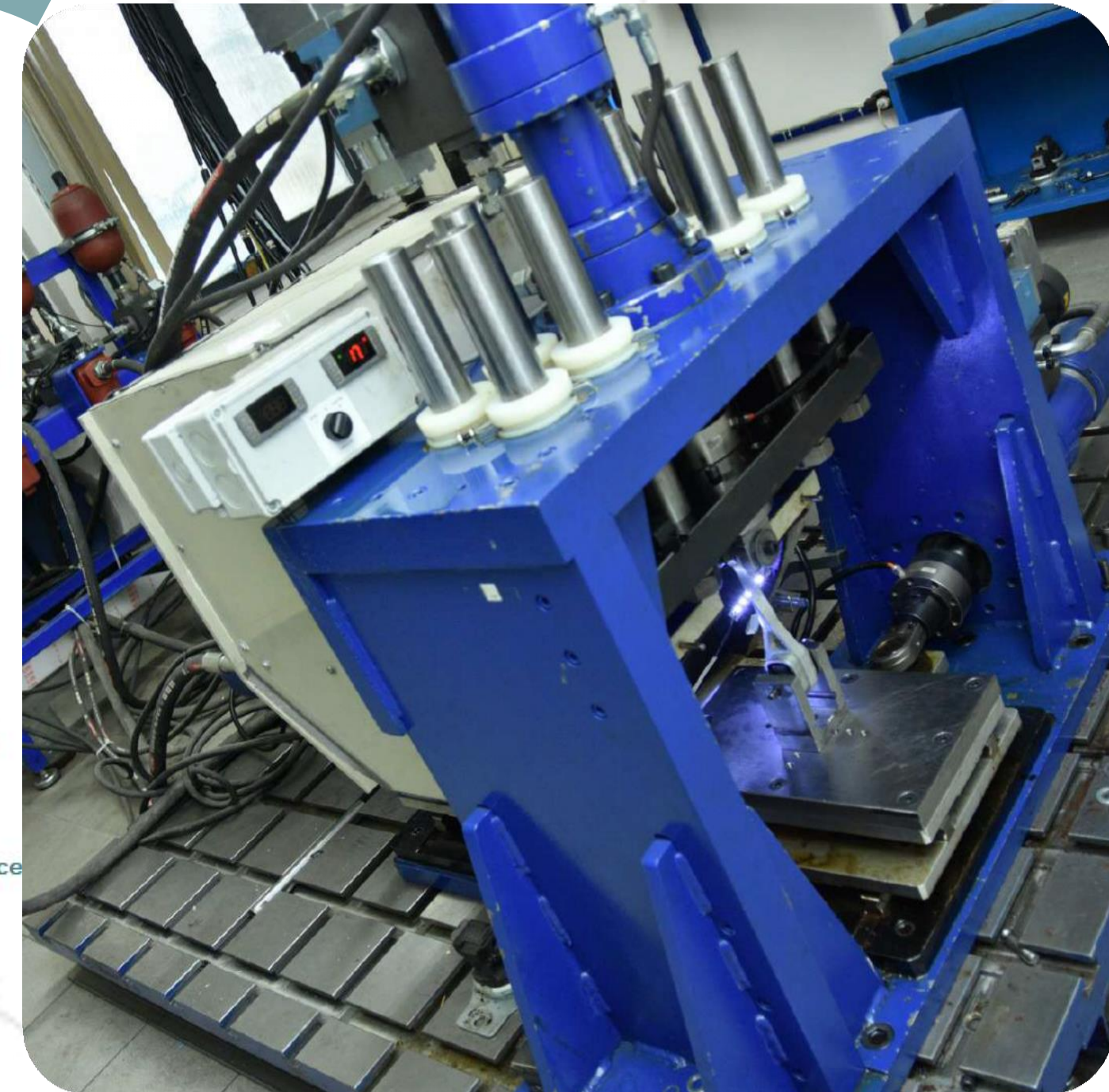
## Rheometric tests

Measuring the response of the rubber to applied forces before, during and after the curing of the rubber



## Load & force test

Measurement of the effect of force applied to rubber parts by applying force to rubber



# QUALITY CONTROL

## Coating & thickness test

Ensuring the quality of the coating systems chosen to protect out metal parts



## Crankshaft pulley fatigue test

Crankshaft pulleys have a basic role in the performance of different systems of the car. We put our crankshaft pulleys through a the fatigue test applying measured force and a specified number of cycles to assess the performance of the crankshaft pulley

# QUALITY CONTROL

## Elongation

Elasticity and hardness measurement of rubber and metal material



## Compression Set

Applying force on rubber under a certain degree to measure the deformation of the material after a specified amount of time



## Density measurement

It is the test in which rubber density is measured.



## Hardness test

The hardness of metal products and material is measured by applying permanent force on the part or the material to assure the necessary quality level for the market



# QUALITY MANAGEMENT

TÜVNORD

## CERTIFICATE

Management system as per  
**ISO 9001 : 2015**

The Certification Body TÜV Teknik Kontrol ve Belgelendirme A.Ş. hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization



**ÜÇEL KAUÇUK TAŞIT ARAÇLARI SAN. TİC. A.Ş.**  
Çalı Mah., 37.(410) Sok., No:16/B,  
TR-16275 Nilüfer / Bursa,  
Türkiye

operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

**Production of rubber and rubber-metal spare parts consisting aluminum parts by injection method, rubber, metal and bushes for automotive industry**

Certificate Registration No. 1003524  
Audit Report No. TR 2227

Valid from 2022-12-01  
Valid until 2025-12-01  
Initial certification 2016

*MSE*

Certification Body  
at TÜV Teknik Kontrol ve Belgelendirme A.Ş.

Istanbul, 2024-12-16

The certificate inquiry can be done by reading the square code generated by TBDS on mobile devices or by using TBDS Document number from <https://bds.turkak.org.tr>.



F-025-1-R07

TÜV NORD Turkey Teknik Kontrol ve Belgelendirme A. Ş.  
Şehit Mehmet Fatih Öngül Sokak, No 5, Kat 4,  
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TÜVNORD

## CERTIFICATE

Management system as per  
**ISO 14001 : 2015**

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Valid until 2027-12-15  
Initial certification 2024

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# SUSTAINABILITY

**Sustainability** is the principle of meeting today's needs without compromising the ability of future generations to meet their own needs. This concept encompasses environmental, economic, and social dimensions and is generally based on the following three fundamental principles:

- 1. Economic Sustainability:** Ensuring economic growth and promoting sustainable development. This requires economic systems to be efficient and stable in the long term. For example, the efficient use of resources, fair trade, and reducing economic inequalities.
- 2. Social Sustainability:** Ensuring the well-being and social justice of societies. This includes the protection of human rights, access to education and healthcare services, gender equality, and social inclusion.
- 3. Environmental Sustainability:** Protecting and managing natural resources, maintaining the health of biodiversity and ecosystems. Examples include the use of renewable energy, preserving water and air quality, and implementing waste management practices.

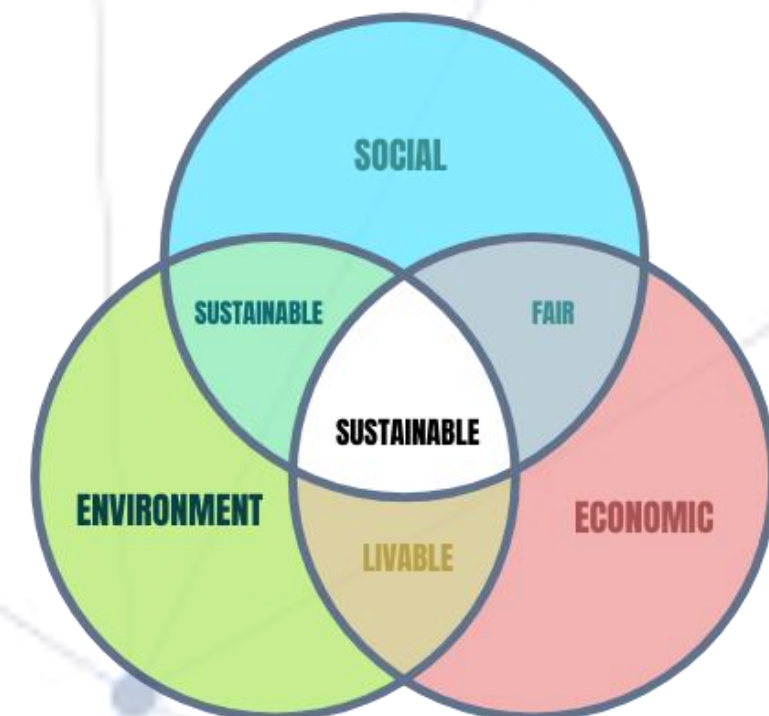
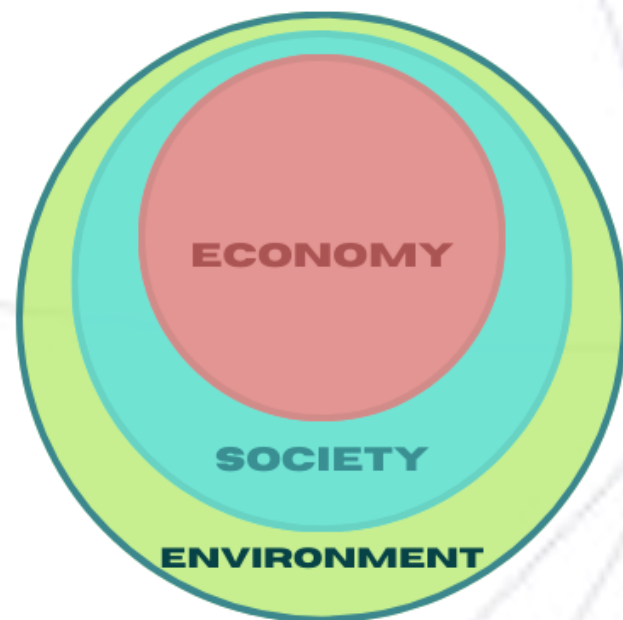
Sustainability requires individuals, communities, and governments to make more conscious decisions and consider the needs of future generations. This concept plays a crucial role today, especially in addressing global issues such as climate change, environmental pollution, and the depletion of natural resources.

As **ÜCEL Rubber**, we are committed to complying with national and international regulations and other requirements in our activities and projects. We fulfill all obligations by making commitments to this effect.

With our expert environmental team, we keep track of the updates in regulations and other requirements and promptly adapt to changing conditions.

We have initiated the following efforts:

- **ISO 14064:** Calculation of the company's carbon footprint,
- **ISO 14067:** Calculation of the product carbon footprint,
- **ISO 14046:** Calculation of the water footprint.



# OUTSTANDING BUSINESS SUPPORT

- **TECDOC PREMIER DATA  
SUPPLIER**

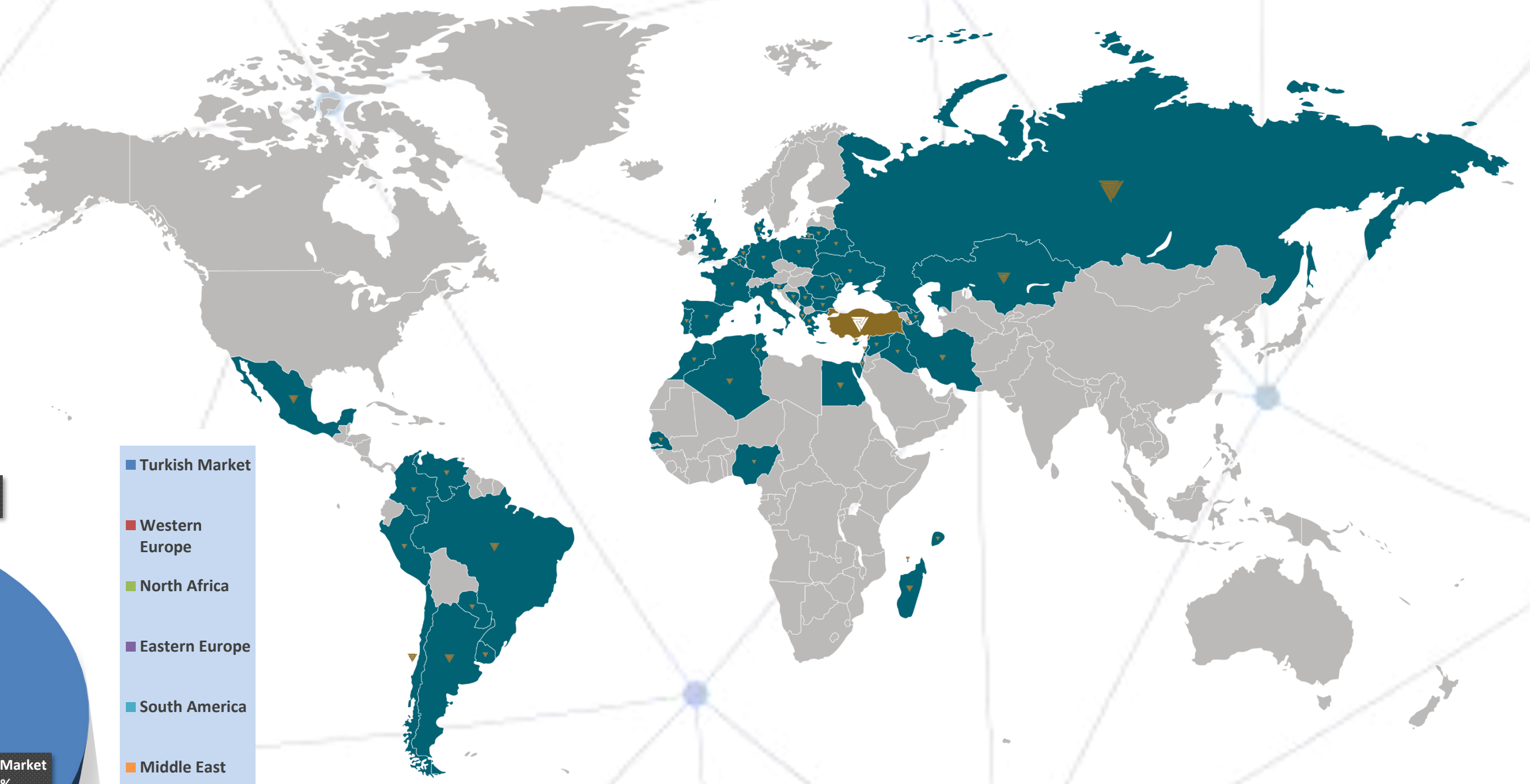
PREMIER

**TecDoc®**  
DATA SUPPLIER

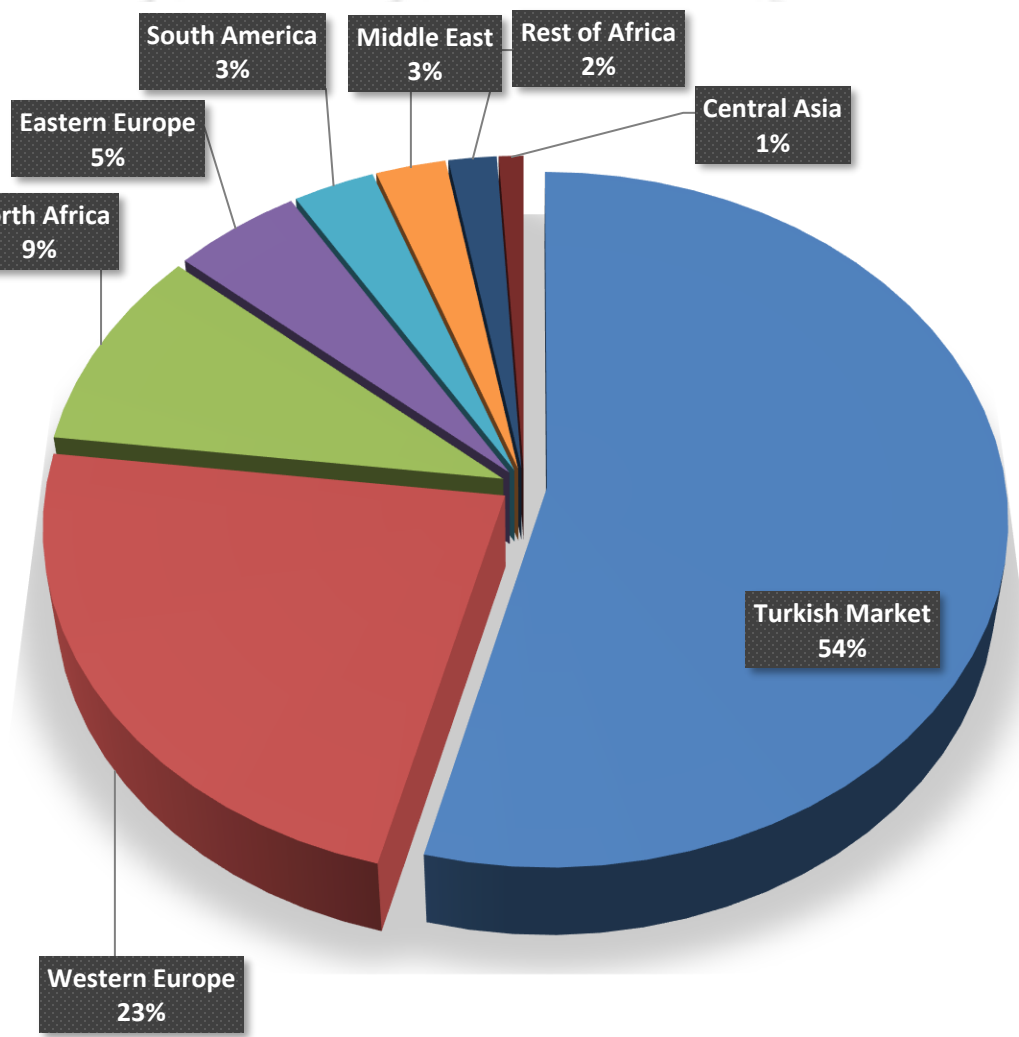
- **ALDOC DATA PROVIDER**

**ALDOC** 

# MARKETING & SALES



- Turkish Market
- Western Europe
- North Africa
- Eastern Europe
- South America
- Middle East
- Rest of Africa
- Central Asia



## automechanika

- FRANKFURT
- ISTANBUL
- MOSKOW
- BUENOS AIRES



## EQUIP AUTO

- PARIS
- ALGERIA

## AUTOMECA

- SAO PAULO / BRASIL



# SECTORAL PRESENCE

**AFM '23**  
AFTERMARKET SUMMIT



Otomotiv Satış Sonrası  
Ürün ve Hizmetleri Derneği



# SECTORAL PERFORMANCE AWARDS



2019



2021



2022



2023



**We invest in team building because we believe people are the most valuable resource we have.**



Thank you

Danke

Merci

Gracias

Grazie

Gratias

Obrigado

Ευχαριστώ

Спасибо

הדוּת

مرکشتم

شکرا

Teşekkür Ederiz





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