

# PERFECT TIRE SOLUTIONS FOR EVERY CHALLENGE

Corporate Brochure

An aerial photograph of a winding asphalt road through a dense forest. A large, semi-transparent tire tread pattern is overlaid on the road, following its curves. In the center of the road's curve, there is a rocky outcrop with some greenery. A red car is visible on the road to the right. The overall scene is a mix of natural greenery and man-made infrastructure.

**petlas**  
TRACK OF TRUST



**As Petlas Tire Corporation, we will continue to grow and to be “track of trust” worldwide, together with all our employees and business partners.**



## **BOARD'S MESSAGE**

### **ABDÜLKADİR ÖZCAN**

Petlas Executive Board Member

2022 was a year in which negative conditions continued to affect the global tire industry. Economic instability, increasing logistics, material and energy costs, and supply chain disruptions on a global scale were some of the most significant negative conditions. Despite these conditions, as Petlas Tire Corporation, we are proud to report that we have achieved exceptional performance and record sales levels in both domestic and international markets. Our total production of automobile, industrial OTR, agricultural, bus, truck and military aircraft tires exceeded 250,000 tons annually. These numbers give us the power to aim for a higher production of 350,000 tons in the future by growing market shares, new investments, new tires and patterns added to our portfolio.

Petlas's success, which is visibly reflected in our sales figures, is driven by our attention to detail in international sales and marketing activities, the broadening of our product portfolio without compromising on quality, our ability to strategically position our brand, and our effective supply capabilities. As a result of our efforts to achieve full success in these areas, the company has reached significant growth particularly in the European, North American and Russia-CIS tire markets over the past five years. Our growth and success in 2022 also extend to the wheel and battery sectors, and in that regard, AKO Battery and AKO Wheel brands have also achieved high success in 2022.

As we all know, our task is not just about preserving and expanding success that is reflected in numbers and percentages. We are also aware that as our global success rate increases year after year, we also bear a global responsibility. As Petlas, we aim not only to continue to exist with our products in every corner of the world but also to target the sustainable preservation of our world. That is why we are also proud of the investments we have implemented in 2022 in line with our sensitivity and responsibility towards the environment. We say “we're too” by opening and putting into operation our new “End-of-Life Tire Recycling Factory” which has an annual capacity of 75,000 tons of waste tires and by addressing the problem of accumulated waste in nature. We believe that reducing carbon emissions and recycling tires to be used as raw materials in many industries such as automotive, footwear and conveyors is one of the vital issues for a sustainable present and a healthy future on a global and national scale.

The Petlas Tire Corporation's stable success, attention to detail, innovative and technological vision, and high-quality wide product range are all the result of the hard work of all of us. This success has been achieved thanks to the power we get from our valuable employees and business partners. On behalf of this, I would like to extend my heartfelt thanks to each and every one of you.

As Petlas Tire Corporation, we will continue to grow and be “track of trust” worldwide, together with all our employees and business partners.



**AKO**  
abdulkadir özcan  
**GROUP**  
**COMPANIES**

**AKO BATTERY**  
**FACTORY**

AKO Battery factory is fully automated and utilizes industry 4.0 applications to produce high-performance batteries. They use advanced production techniques such as the Matrix Press and Kaizen Curing Tunnel to ensure the best quality. They offers different brands, but the TURBO Battery is their primary brand, known for its outstanding performance.



**AKOJANT**

**AKOJANT WHEEL**  
**FACTORY**

It produces steel wheels with the latest technology for light commercial vehicles, heavy duty vehicles, agricultural vehicles and for military vehicles. Product produced with flow forming technology are offered to the world AFM and OE market under the brand of AKOJANT.



**TURBO** **AKO**  
EFFORT PRESTIGE



**AKO ÖTL**  
GERİ DÖNÜŞÜM

**AKO ELT RECYCLING**  
**FACTORY**

AKO Group operates the largest integrated Waste Tire (ELT) Recycling Factory in Europe, with an area of 80,000 square meters of open space and 21,000 square meters of closed space in Ankara. This facility can convert 75,000 tons of tire waste per year into reusable semi-finished products used in many industries such as automotive, footwear and conveyors , thereby preventing the release of 75,000 tons of tire waste per year into the environment and preventing the release of 280,000 tons of carbon emissions per year.

**petlas**  
MADE IN  
*Türkiye*



## • **PETLAS FACTORY**

Petlas has the largest tire factory in Europe with its broad range of tires for passenger cars, SUVs, light trucks, busses and trucks, agricultural and military vehicles, industrial, off road vehicles and aircrafts produced all under one roof. With a total closed area of 450 thousand square meters in its factory and head office and a workforce of approximately 5 thousand employees, Petlas is able to produce a wide range of high-quality tires that are sent to different continents to fulfill the needs of its worldwide client base.

**petlas**



# AKO GROUP'S BRANDS

On the basis of high safety, environmental awareness and economic sustainability, AKO Group creates brands that produce first-class products offer high-level quality and performance with its robust distribution network in all sectors in which operates. AKO Group has invested close to 800 million Dollars in the companies within its portfolio. Accelerating its investments with the AKO ELT Factory, which is realized with an investment of 30 million Dollars, the AKO Group started feasibility studies for a new production facility investment in order to sustain its rapid growth abroad in 2023.



Petlas, the flagship brand of the Ako Group, offers its global customers a wide range of products ranging from passenger car tires, truck & bus tires, agricultural & industrial vehicle tires to military tires. It takes firm steps forward in the world tire markets by producing more than 250,000 tons per year and exporting to more than 130 countries in the world.



Starmaxx Tires are exported to nearly 100 countries around the world and have a wide and stable distribution network in the world tire markets. Its innovation and unique quality approach combined with customer-oriented production enable the Starmaxx brand to continuously develop and consolidate its position in the international markets.



Milestone's product range includes tires for passenger cars, light commercial vehicles, agricultural trailers and industrial vehicles. Tires produced with ISO 9001 Quality System Assurance and AQAP-110 Industrial Quality Assurance reach consumers with a wide and stable distribution network in the domestic and international tire markets.



Funtoma produces top quality tires for passenger cars, light commercial vehicles under the roof of the AKO Group and exports them all over the world.

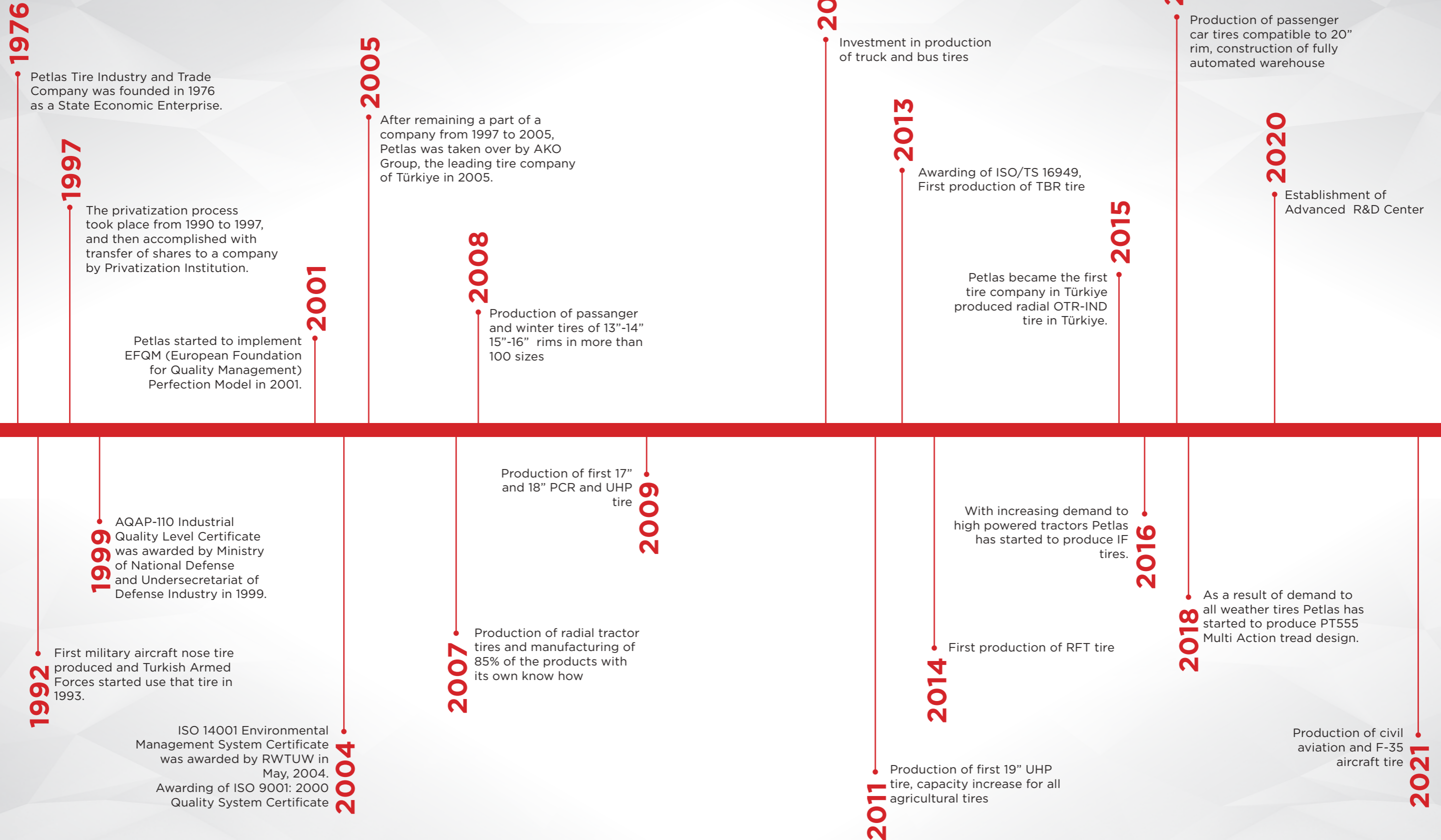


Turbo Battery, which was established within the AKO Group and started production in 2016, has become a new power in the battery industry with the Matrix Press technology it pioneered in Turkiye. Offering higher endurance, higher energy and lower fuel consumption with Matrix Press technology, Turbo brand batteries continue to develop strategies for global progress.



Since 2013, the company has been continuing its activities in a factory area of 23.500 m<sup>2</sup> covered and a total area of 120.000 m<sup>2</sup>. It produces wheels for commercial, agricultural and industrial vehicles with flow forming technology all over the world. All products produced with plastering technology are offered to the world wheel market under the brand name AKOJANT.

# PETLAS HISTORY



# AT A GLANCE

**Innovation, Development** and Excellence  
Since 1976

Petlas started its journey in 1976 with the vision of being a global tire brand in its sector, continues the production of tires in a wide range of products from passenger car tires and truck/bus tires to industrial, agricultural and military tires in Europe's largest tire factory operating under a single roof, maintains the same vision today.

Believing in innovation, development and excellence with its 4600 employees in total, Petlas has the distinction of being one of the leading companies in the sector with its own technology centers. In addition to being Türkiye's leading tire brand, Petlas also takes pride in being a strong player in the global sector with its exports to more than 130 countries around the world.

**petlas**  
TRACK OF TRUST



**13.000.000**  
Tire Production



**21.000**  
Tons/Month Production



**4.600**  
Employees



**2.000.000**  
m2 Outdoor



**450.000**  
m2 Indoor



**130**  
Export Countries



**2**  
R&D and  
Test Centers



## Perfect Tire Solutions For Every Challenge

Petlas produces a wide range of high-quality tires for passenger cars, light trucks, trucks, buses, military vehicles, aircrafts, agricultural and industrial vehicles. The company is known for its durable, long-lasting tires, which are designed to provide excellent performance and safety. Petlas has a constantly developing and renewing portfolio, with over 3371 different sizes, patterns, and performance criteria available. Petlas tires are designed to meet the diverse needs of its customers, and it uses innovative technology to ensure that its products meet the highest standards of quality and performance.



PASSENGER CAR TIRES



TRUCK & BUS TIRES



AGRICULTURAL TIRES



INDUSTRIAL & OTR TIRES



FORKLIFT TIRES



MULTI PURPOSE & TBB  
& LTB TIRES



MILITARY AIRCRAFT TIRES

Product Portfolio





International Sales and Marketing Team

### The **Ultimate Objective** is Client Satisfaction

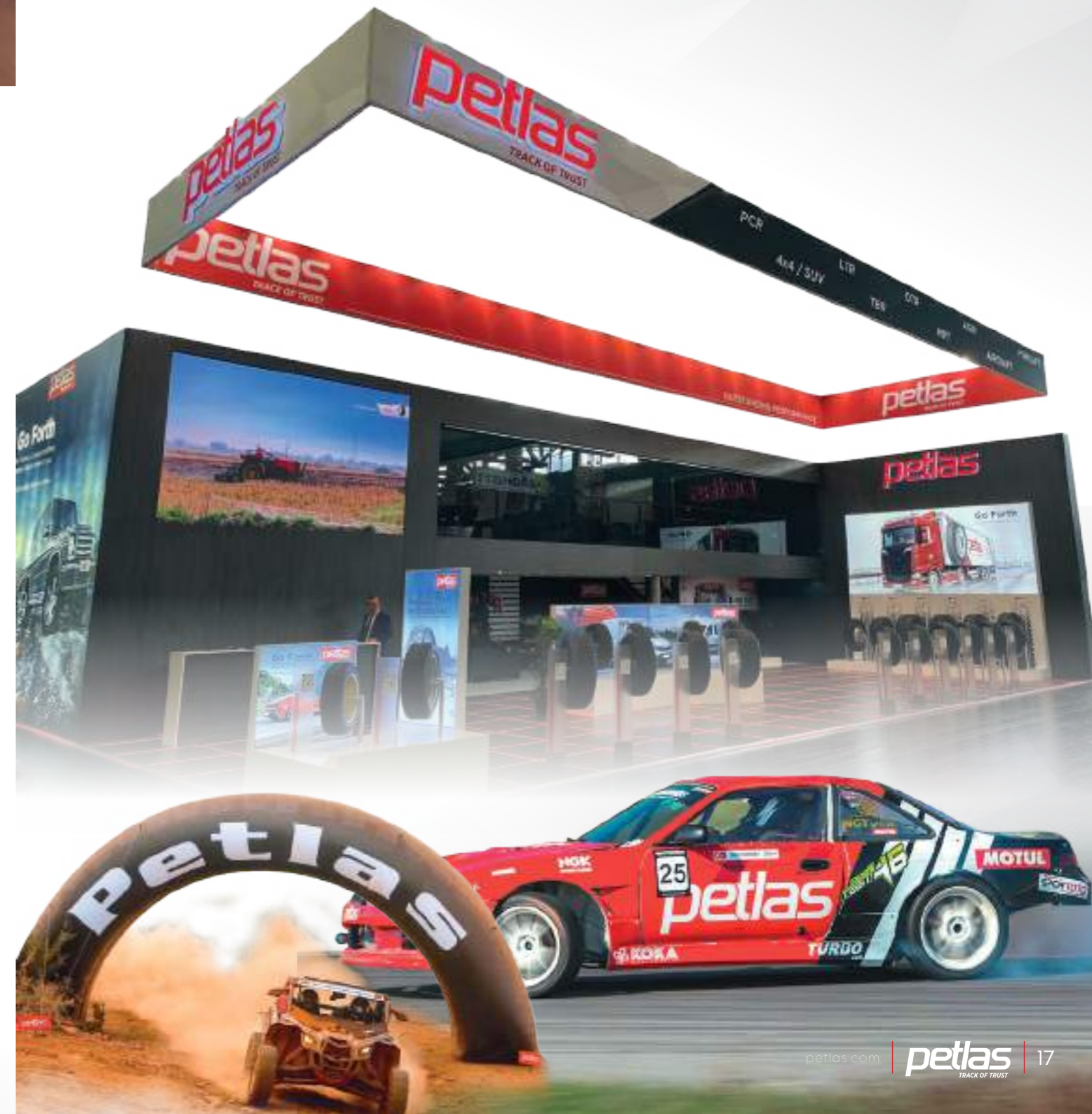
Working for the satisfaction of both its dealers and end users, Petlas is therefore always ready with its extensive distribution network, effective logistics system and high production capacity.

### **Highly Effective** International Sales Team

Petlas' open, positive and participatory corporate culture has led to working together and developing together, thus having a team of the best professionals in the industry. International sales and marketing team, most of whom have been working within Petlas for 10+ years, have a constant desire to develop their personal competencies.

### Extensive Marketing Strategy

Petlas uses its marketing capabilities and resources with the vision of becoming a world-leading brand, focusing on increasing its competitiveness, thus increasing its market share and profitability. Petlas focuses on offering differentiated values to its customers and creating stable growth in every marketing activity it carries out, from official MotorSport sponsorships to high-level trade shows participations.

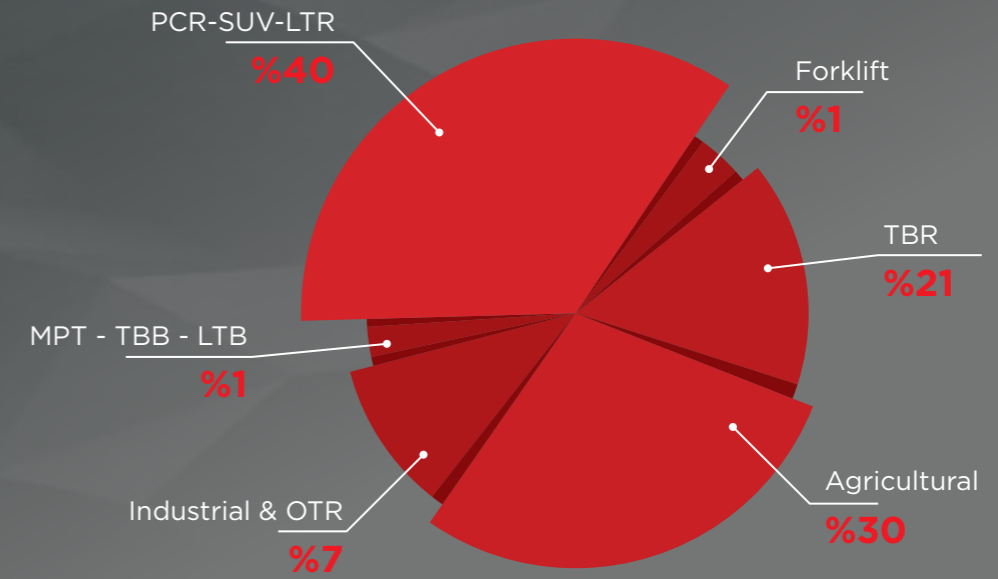


# GLOBAL PRESENCE

Around the World in More Than 130 Countries

2022 has been a year for Petlas to strengthen and expand its supply system more than ever before. This move in 2022 was achieved with a 14 % increase in production growth rate for especially Europe, North America and Russia-CIS. This is just the beginning! Petlas is resolutely advancing towards the goal of increasing its presence and activity in ever-expanding target markets with its reliable production, advanced technology products, enriched distribution and innovation infrastructure, on its way to become the “tire of the world”.

International Sales by Segment



# PASSENGER CAR TIRES

## Driving Safely Under Any Conditions

High-quality PCR tires are specially designed to provide superior durability, handling, and comfort. Undoubtedly, PCR tires are the most popular tires with their high performance. Petlas produces a wide range of tires that feature the quietest ride with long-lasting tread wear and dependability that you need.

### PASSENGER CAR TIRES



Velox Sport PT741



Elegant PT311



Imperium PT515



Progreen PT525



Imperium PT535



Multi Action PT565



Snow Master W601



Snow Master W651



Glacier W661



Snow Master 2



Snow Master 2 Sport



 **SUV / 4X4 TIRES**



Explero PT421 A/T



Explero PT431 H/T



Explero PT411 A/S



SuvMaster A/S



Explero W671



Explero Ice W681

 **LTR TIRES**



Full Power PT825



Full Power PT825 Plus



Full Power PT835



Full Grip PT925



VanMaster A/S



Full Grip PT935



# TRUCK & BUS TIRES

Perfect Solution for **Every Challenge**

Petlas' truck and bus tires are designed to cope with heavy workloads. The main benefit of Petlas' truck and bus tires is to offer superior traction which provides a safe road grip on difficult road surfaces. Whether you operate a large fleet or a bus, Petlas provides a safe ride and the greatest performance at all times.

   **TRUCK & BUS TIRES**



SH100



SH105



SH110 Progreen



RH100



RH100 Plus



SZ300



RZ300



DR820



SR750



NH100 Progreen





# TRUCK & BUS TIRES



NZ300



NZ305



SC700



SC710



SY800



NCW710



RC700 Plus



RM905



SU500



SUW550



RUW550



RU500



# INDUSTRIAL & OTR TIRES

Excellent Durability, **Ultimate Performance**

Petlas' OTR tires are designed for challenging harsh road conditions which can be construction work, tunnels, mining, quarries, and other job-sites with uneven surface conditions. They provide durability, better traction, cut and puncture resistance, stability as well as retreadability

## **LOADER TIRES**



NB57 (L-3)



NB60 (L-3)



NB70 (L-3)



NB70 (L-4)



Ptx RD31 (E-3 / L-3)



Ptx TD41 (L-4)

## **EARTHMOVER TIRES**



NB57 (E-3)



NB60 (E-3)



Ptx RD31 (E-3 / L-3)  
Radial



Ptx RD34 (E-3)



Ptx RD35 (E-3)



Ptx HD41 (E-4 / L-4)  
Radial



 **INDUSTRIAL**



Ptx ND31 ( R-4)  
Radial



Ptx ND33 (R-4)  
Radial



IND15 (R-4)



IND25 (R-4)



IND30



PL-2



TD45 (F-3)



TA60 (L-3)



IND5 (R-1)

 **SKID STEER**



IND35

 **PORT APPLICATION**



C+ Carrier (IND-4)



C+ Carrier Smooth  
(IND-4)

 **COMPACTOR**



FLT2 (R-3)



PC-1

 **FORKLIFT**



HL10



HL30



HL40



SOLID ST

 **GRADER**



PG200 (G-2)



PG300 (G-2)



Ptx RD22 (G-2) Radial

 **EXCAVATOR**



NB38 (E-3)





# AGRICULTURAL TIRES

Powerful, Yet Graceful. **Like Nature..**

Each agricultural tire pattern of Petlas are designed and developed for different purposes but with the same basic idea: Taking good care of what the agricultural business professionals care the most, without compromising maximum performance. Minimizing the soil compaction by increasing the tires' footprints is one of the most common demands that agricultural tires perfectly answer. They touch the soil gently while simultaneously transferring the whole power of the vehicle to the field.

## TRACTOR FRONT TIRES/BIAS



TD16 (F-2)



TD17 (F-2)



TD18 (F-2)



TP8 (F-2)



TD25 (F-2)



TD35 (F-2)



TA50 (R-1)



TA60 Front (R-1)

## TRACTOR REAR TIRES/BIAS



TA60 (R-1)



TZ13 (R-1)



TA300 (R-1)



TA330 Rear (R-1)

## TRACTOR RADIAL TIRES



TA110 (R-1W)



TA130 (R-1W)



TA130 Plus (R-1W)



TA140 (R-1W)



 **TRAILER IMPLEMENT TIRES**



TA60 (R-1)



VF HLT45 (I-1)



NT3 (I-2)



NT30 (I-1)



PA20 (I-2)



NB27 (I-2)



NB37 (I-2)



UN1 - 3RIB (I-1)



UN1 - 5RIB (I-1)



UN3 (I-1)



UN5 (I-1)



UN7 (I-1)



UN9 (I-1)



UN11 (I-1)



STB3 (I-1)

 **ROW CROP TIRES**



TA120 (R-1W)

 **FORESTRY TIRES**



IMT18 (I-3)



IMT08 (I-3)

 **HARVESTER TIRES**



TA330 (R-1)



UN1 - 5RIB (I-1)



PB140 Agroper (I-1)



UN9 (I-1)



TA130 Agroper (R-1W)



BD60 (R-1)



BD65 (R-1)

 **FLOTATION TIRES**



IMF18 (I-3)



PT-FLOT (I-3)



PT - HAUL (I-2)

 **IRRIGATION TIRES**



IRG-80 (R-1)



# MPT & TBB & LTB TIRES

Take Actions with **Trust!**

Petlas offers a variety of military tires to meet the specific needs of different types of military vehicles, including light trucks, trucks and buses, and specialized military vehicles. They are engineered to be durable, reliable, and able to withstand the difficulties of military use and to provide exceptional performance in challenging conditions, including rough terrain, and extreme temperatures. Besides, Petlas' specially designed military tires support the vehicle to continue its journey no matter what the air loss scenario is. In other words, they can continue functioning even if the air in the tire is fully released in case of a puncture.

## MULTI PURPOSE TIRES



## TRUCK & BUS TIRES/BIAS



## LIGHT TRUCK TIRES/BIAS



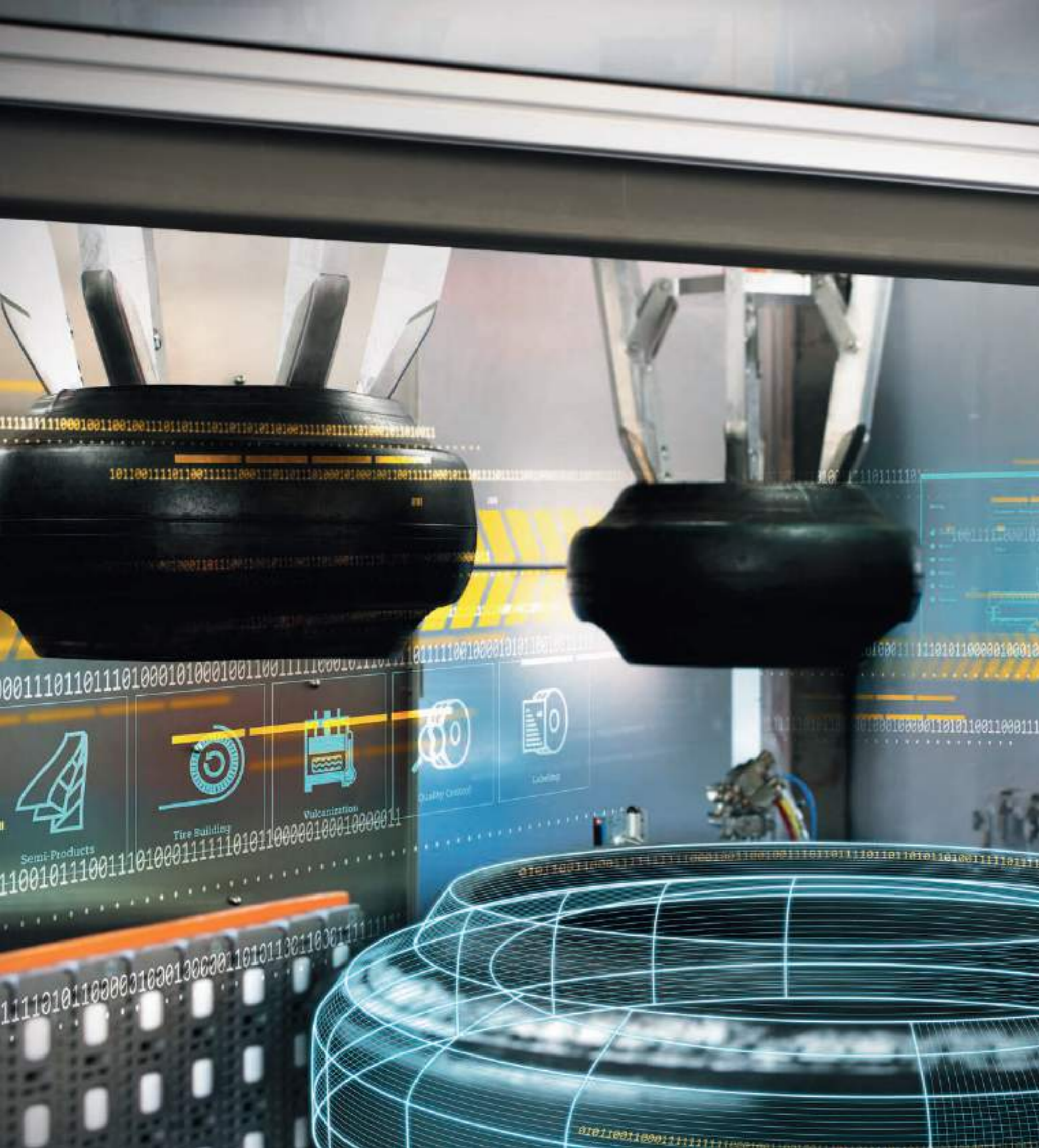
## MILITARY AIRCRAFT TIRES



# OEM PARTNERSHIP

**Trusted** by Best Manufacturers

Since obtaining the optimum performance of a vehicle depends on also the performance of its tires, it is substantially important for the manufacturers to introduce their vehicles with the top quality tires mounted on. Petlas' capability to provide the best quality tires on specific needs of its partners has been and will be the main motive that leads more and more manufacturers to choose mounting its tires on their vehicles as OE. Also, Petlas keeps building a good reputation and increasing its market share as a preferred choice for original equipment, thanks to a steady increase in partnerships with well-respected manufacturers.



# TECHNOLOGY & INNOVATION

**Technological Innovations** That Respond to the Needs of the End Consumer

Petlas conducts its research in the Technology and Innovation Center located in its factory and main head office in order to respond quickly to changing market needs to produce and develop products that offer higher safety, more comfortable driving and performance. It is committed to ongoing tests of dimension measurements, static deformation properties measurements, high speed tests, durability tests, rolling resistance measurements in the Test Center established in its own factory with a road length of 2100 meters.

**2** Technology & Innovation Center

**1** Test Center

**270** Engineers Involved in R&D Activities

**%40** Annual Increase in The Budget Allocated to R&D Expenditures in 2022

Test Center  
Kırşehir/Türkiye



# LOGISTICS

Fast, **Safe and on Time**

As much as Petlas cares about the quality of its products, it also gives importance to fast and trouble-free delivery. In order to reduce the logistics costs of its customers to whom it sends products in more than one product group, it loads with the nested loading method: Such as placing passenger car tires in agricultural tires. Petlas is trying to improve its distribution service by diversifying its distribution options of tires that are sent to more than 130 countries.

**MARITIME:** Petlas always tries to fully satisfy its customers with competitive freight cost and safe delivery on the basis of fast and accurate feedback through customized sea freight service and global logistics network to meet customers' logistics needs.

**AIR:** Petlas always receives air transportation services that ensure fast, safe and timely delivery of cargo to any destination requested by its customers, with its optimum flight schedule and competitive air transportation costs.

**ROAD:** Petlas aims to meet the logistics needs of its customers through specialized road transportation services as well. These services include identifying optimized routes for safe and timely delivery of cargo to any point as per the customers' demand, and managing drivers with experienced and professional teams.



# SUSTAINABILITY

## Creating Value Today for the Future

Petlas has continued to record improvements in **its environmental, social and economic performances**, achieving significant milestones. It promotes sustainability in all areas while making effective use of its resources and solving problems through the active adoption of new technologies, reducing or avoiding expected environmental, economic and social risks, and increasing and expanding opportunities.

Petlas conducts its business in accordance with highest applicable legal and ethical standards. Its all processes have ISO 14001 certification that relates to environmental management system standards.

Petlas takes the following measures to achieve environmental protection and sustainable development: Using less of natural resources, and more of recyclable materials in all phases of production, creating less waste and avoiding environmental impact by eliminating emission and noise levels, reducing consumption of energy resources, producing fuel efficient tires, being ready and alert in case of any environmental risks and ensuring prevention of pollution.



International Sales and Marketing Team

# QUALITY

Petlas acts in accordance with the highest quality standards in the industry and maintains its adherence to industry-accepted standards for the sustainability of quality in its facilities. All Petlas facilities are ISO 9001 certified and certified to the higher IATF 16949 standard for OEM production.



ISO 14001:2015



IATF 16949:2015



TS ISO/IEC 27001



TS EN ISO 50001:2018



ISO 9001:2015



GSO-GSC



INMETRO



**BERNHARD BUCHNA**  
MANAGING DIRECTOR  
BUCHNA TRANSPORTE GMBH

“Offering efficient fuel consumption, high mileage, very smooth drive and no faults, except nail punctures and road side hazards, no problems has never happened to us with the Petlas.”



**CHRISTIAN ERFMANN**  
MANAGING DIRECTOR  
ERFMANN REISEN

“We were looking for an alternative to well-known German tire manufacturers until we met Starmaxx and we have had positive experience so far.”







## **PETLAS FACTORY**

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