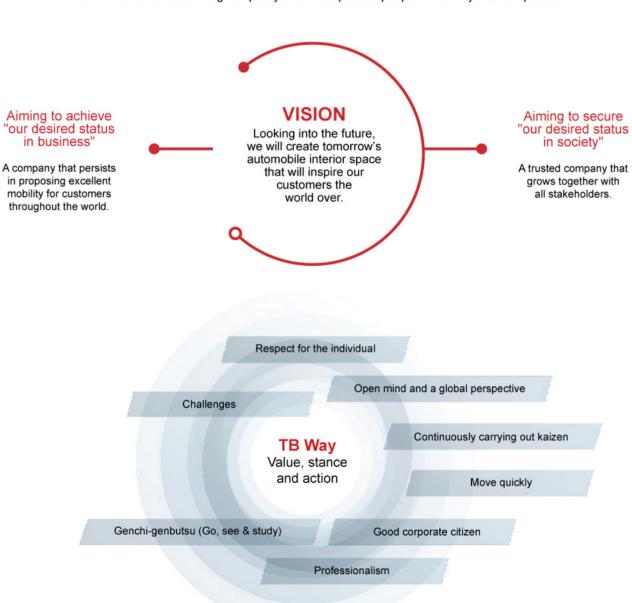




# QUALITY OF TIME AND SPACE

We will offer enriched and higher-quality time and space to people in mobility interior spaces.



# CORPORATE PROFILE

Name Toyota Boshoku Asia Co., Ltd. (TBAS)

#### **Business Operations**

Development, design and sales of seats and interior components, sales of unit components

#### Representative

Chairman Mr. Yoshihiro Ito President Mr. Hiroki Tsunoda

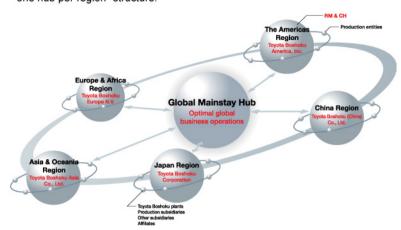
Established 2001

Size Area 73,200 M2

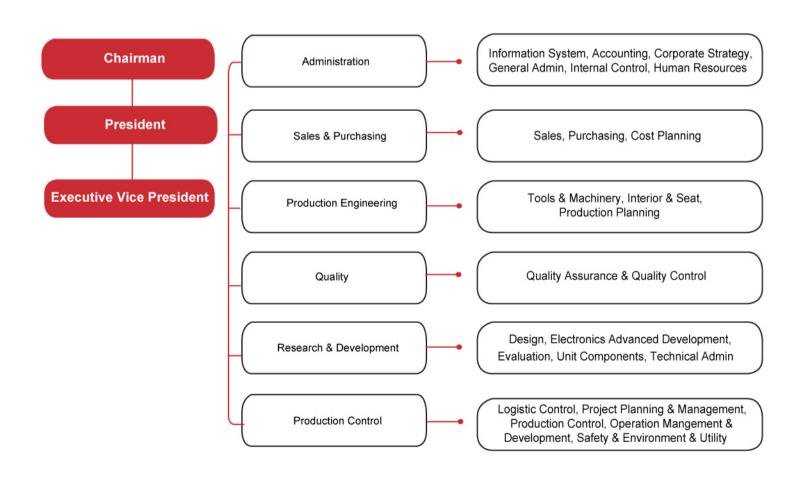
Capital 728,080,000 Baht

#### One Hub per Region

Along with close coordination between the RM&CH and the Global Mainstay Hub, RM&CH work together with production entities in respective regions as part of the "one hub per region" structure.



#### **ORGANIZATION CHART**

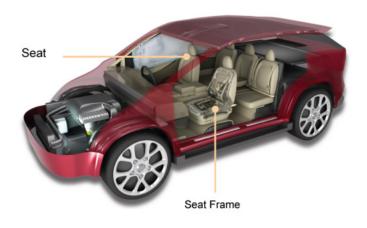


# PRODUCT LINEUP

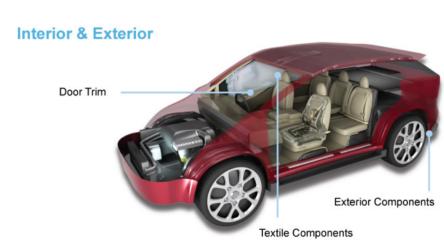
Providing excellent mobility for customers throughout the world













# **Unit Components**









Camry Hybrid C-HR Seat Frame

## **Interior Components**



Headliners



Door trims

## **Textile Components**



Seat Fabrics



Curtain-Shield Airbags



Seatbelt Webbings

## **Exterior Components**



Fender Liners



**Engine Undercovers** 

#### Other



Systems

Tonneau Covers



Silencers



Package Trays

Floor Carpets

## **Air Induction System Products**



Air Cleaners



Intake Manifolds



Cylinder Head Covers

## **Filters**

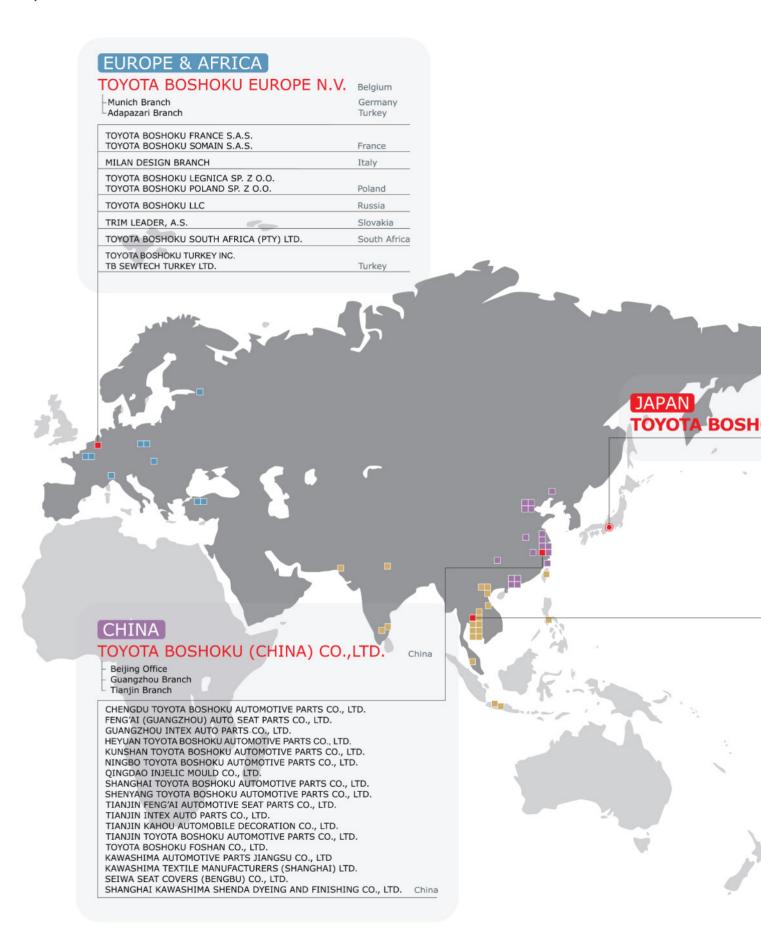


Oil Filters



Air Filters

## Toyota Boshoku Network



## THE AMERICAS

## TOYOTA BOSHOKU AMERICA, INC. United States

-Technical Center -Silicon Valley Office

TOYOTA BOSHOKU ARGENTINA S. R. L.

SEWTECH ARGENTINA S. R. L.

Argentina

TOYOTA BOSHOKU DO BRASIL LTDA.

Brazil

TOYOTA BOSHOKU CANADA, INC.

Canada

TB SEWTECH DE MEXICO, S. DE R. L. DE C. V. TB KAWATEX DE MEXICO, S. A. DE C. V.

Mexico

SYSTEMS AUTOMOTIVE INTERIORS, LLC TBDN TENNESSEE COMPANY TOYOTA BOSHOKU ILLINOIS, LLC

TOYOTA BOSHOKU INDIANA, LLC

TOYOTA BOSHOKU KENTUCKY, LLC

TOYOTA BOSHOKU MISSISSIPPI, LLC

TOYOTA BOSHOKU TENNESSEE, LLC

TB KAWASHIMA USA, INC.

United States

# OKU CORPORATION Japan

## ASIA & OCEANIA

#### TOYOTA BOSHOKU ASIA CO., LTI

Thailand

TOYOTA BOSHOKU AUTOMOTIVE INDIA PRIVATE LIMITED

TOYOTA BOSHOKU RELAN INDIA PRIVATE LIMITED

TB KAWASHIMA AUTOMOTIVE TEXTILE (INDIA) PRIVATE LIMITED India

PT. TOYOTA BOSHOKU INDONESIA PT. ATEJA KAWASHIMA AUTOTEX

Indonesia

TOYOTA BOSHOKU LAO CO., LTD.

Laos

TOYOTA BOSHOKU UMW SDN. BHD.

Malaysia

THAL BOSHOKU PAKISTAN (PRIVATE) LIMITED

Pakistan Philippines

SHIN SAN SHING CO., LTD.

Taiwan

BOSHOKU AUTOMOTIVE (THAILAND) CO., LTD.

TOYOTA BOSHOKU PHILIPPINES CORPORATION

S.K. AUTO INTERIOR CO., LTD.

STB TEXTILES INDUSTRY CO., LTD.

THAI SEAT BELT CO., LTD.

TOYOTA BOSHOKU FILTRATION SYSTEM (THAILAND) CO., LTD.

TOYOTA BOSHOKU GATEWAY (THAILAND) CO., LTD.

TOYOTA BOSHOKU SIAM METAL CO., LTD.

TB KAWASHIMA (THAILAND) CO., LTD.

TOYOTA BOSHOKU INOAC VIETNAM CO., LTD. TOYOTA BOSHOKU HAIPHONG CO., LTD.

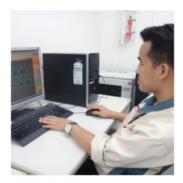
TOYOTA BOSHOKU HANOI CO., LTD.

Vietnam

Thailand

## RESEARCH AND DEVELOPMENT

## **Key Development Equipment and Facilities**



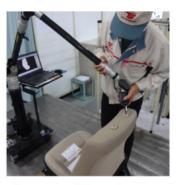
Pattern Tuning



Seat Cover Sewing



Material Cutting



Measurement Inspection



 Belt Anchorage Strength Machine



Headrest Static
 Performance Test Machine



• Flammability Test Chamber



 Irradiation Resistance Test Chamber

#### **R & D**



#### COMFORT

#### **Evaluating comfort**

In response to the difficult theme of qualifying comfort, we analyse comfort from a scientific perspective by reproducing shakes and vibrations that occur when driving and measuring the distribution of pressure on the seat.

#### Sensory evaluation

We are working on "sensory evaluation" as well as evaluating riding comfort. Our examiners evaluate several items, including cushioning, holding and fatigue during long periods of driving.



## **SAFETY**

#### Crash tests

These tests evaluate seat distortion and damage inflicted on a person (dummy) in a crash. Since merely suppressing seat, deformation may still result in major injuries to the human body. We are examining which areas of the seat and vehicle structure need to be strengthened and which can be distorted to as certain an ideal mix.

#### CAE analysis

In addition to crash tests, computer simulations enable detailed analysis of the impact on the human body, which is useful when developing products.

#### ENVIRONMENT

We are emphasizing to preserve the environment in all terms of business so the next generation can live more tranquilly. We take a longer-term view to environmental issues and understand the need to challenge them at a high level. The Toyota Boshoku group's 2050 Environmental Vision is directed toward achieving these goals as a group.

## 2050 Environmental Vision (6 Stretch Environmental Goals)

We will work together with all stakeholders with the aim of creating a sustainable global environment where hildren can lead their lives with a smile.

#### **Climate Change**



Challenge of achieving zero CO<sub>2</sub>
emissions in the Toyota Boshoku
group



2 Challenge of achieving zero CO<sub>2</sub> emissions in the product life cycle

#### **Water Scarcity**



3

Challenge of achieving zero wastewater in the Toyota Boshoku group production processes by water recycling

#### **Resource Depletion**



4 Challenge of minimising natural resources usage



Challenge of minimising wastes produced by the Toyota Boshoku group

#### **Biodiversity Crisis**



6 Challenge of planting 1.32 million trees as part of reforestation activities

#### Kenaf from cultivation to commercialisation







We commercialised a start-to-finish system for kenaf from caltivation to production of pre-board, a base material used in car interiors in Indonesia. We supply kenaf to our factories manufacturing interior components around the world.



Solar Roof System installed at the company to reduce the use of electricity energy

## CSR Compliance, Social Contribution Activities and Risk Management

CSR is positioned as priority corporate social responsibility (CSR) actions for the Toyota Boshoku group based on our corporate philosophy, the TB Way and the Toyota Boshoku group code of conduct. We strongly promote initiatives for stakeholders as a global enterprise. Our global CSR Committee promotes CSR activities around the world by formulating policies for group-wide CSR efforts, developing activities, following up on their progress, deliberating and evaluating priority action items for implementation.

## Compliance

Legal and regulatory compliance as well as completely fair and transparent corporate activities are needed to maintain the trust of society as a good corporate citizen. To that end, it is essential that individual members have a proper awareness, make appropriate judgements and act responsibly.

Toyota Boshoku has declared our corporate philosophy as "promotion corporate growth while fulfilling our responsibilities as a good corporate citizen." As we undertake business activities around the world, we instruct members throughout the entire group to conduct themselves using a good judgement.

- Thorough compliance awareness
- Legal risks
- Compliance with antitrust laws
- Thoroughgoing export control
- Initiatives regarding Corporate Ethics Reinforcement Month
- Education and awareness raising
- Improving consultation and reporting contacts

## **Risk Management**

Toyota Boshoku group is working to comprehensively reinforce risk management via the creation of an effective risk management system in order to respond swiftly to management risk, risk in daily operations and other risks such as disasters and accidents.



Emergency Operation Center (EOC) Room

## **Basic Risk Management Policy**

- 1. Endeavour to predict and prevent crisis.
- Give maximum priority to assure the safety of human life should a crisis occurs.
- Should a crisis occurs, centralise information and promptly investigate the cause, respond appropriately and minimise damage.
- In case of signficant social damage or impact, release information promptly in a good faith.

## Social Contribution

We aim to realise corporate growth while fulfilling our responsibility in harmony with society as a good corporate citizen while contributing to society through manufacturing. In order to meet the expectations and trust of all stakeholders, we comply with laws, regulations and ethics and promote activities based on corporate social responsibility (CSR) in everything we do.

As "a trusted company that grows together with all stakeholders", Toyota Boshoku Asia will grow with in harmony with society thorough reinforcement of risk management as well as building good relationships with all stakeholders and contributing to local communities.

# Social Contribution Activity













# TOYOTA BOSHOKU ASIA (TBAS)

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