

EXPLORING THE NON-TYRE SECTOR IN INDIA

UNVEILING OPPORTUNITIES AND GROWTH POTENTIAL

ABOUT US

- Royal Fasteners is a part of Royal Group of Companies.
- Currently engaged in the rubber manufacturing industry, we specialize in producing rail pads and rubberized level crossings through a proud collaboration with STRAIL (Germany). Additionally, we have gaskets, sealing rings in our unit, and recently initiated operations in our Conveyor unit at the Royal Elastomer plant.



**KSK ENGINEERING
INDUSTRIES PVT LTD**

ROYAL
www.royaltrack.com

btt
Bridge Track & Tower

OVERVIEW OF THE NON-TYRE SECTOR IN INDIA

- The Indian rubber industry is a vital contributor to the nation's economy, encompassing both tyre and non-tyre sectors.
- When it comes to rubber, the first thought that comes to the mind, is, tyres. But there is more to rubber than just tyres.
- Basically, with more emphasis on the environment and sustainability, rubber which comes from a natural source, has the potential to replace plastics in the long run.

CURRENT MARKET LANDSCAPE OF THE NON-TYRE SECTOR

Market Valuation

Valued at
USD 28.6 billion
in 2023

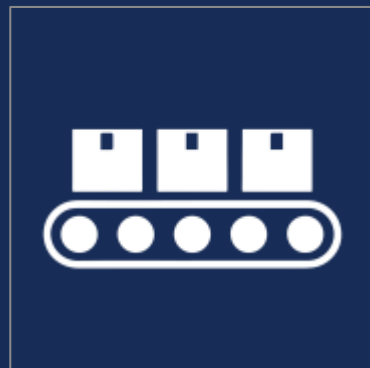
Expected to
reach USD 42.6
billion by 2030

CAGR of 5.87%
during 2024-
2030

FOCUS SECTORS



Footwear



Conveyor



Gloves



Mattress

FOOTWEAR

- Footwear Industry has revolutionised over the centuries where it started off as wooden then Animal Skin (Leather) and today Rubber has made huge inroads into the modern footwear industry.
- The global footwear market is a multi-billion dollar industry. A part of the clothing and apparel industry, the footwear market is comprised of shoes, sneakers, luxury footwear, athletic footwear, and sporting shoes, Industrial Shoes as well as other related goods.
- Today, Rubber footwear is worn in almost every industry as a protective wear. Workers in chemical industry, road construction, mines make ample use of rubber boots. The industrial protective and safety footwear, provided with safety toe caps, are used for general and heavy duty use. The footwear is used in specific hazardous environments.

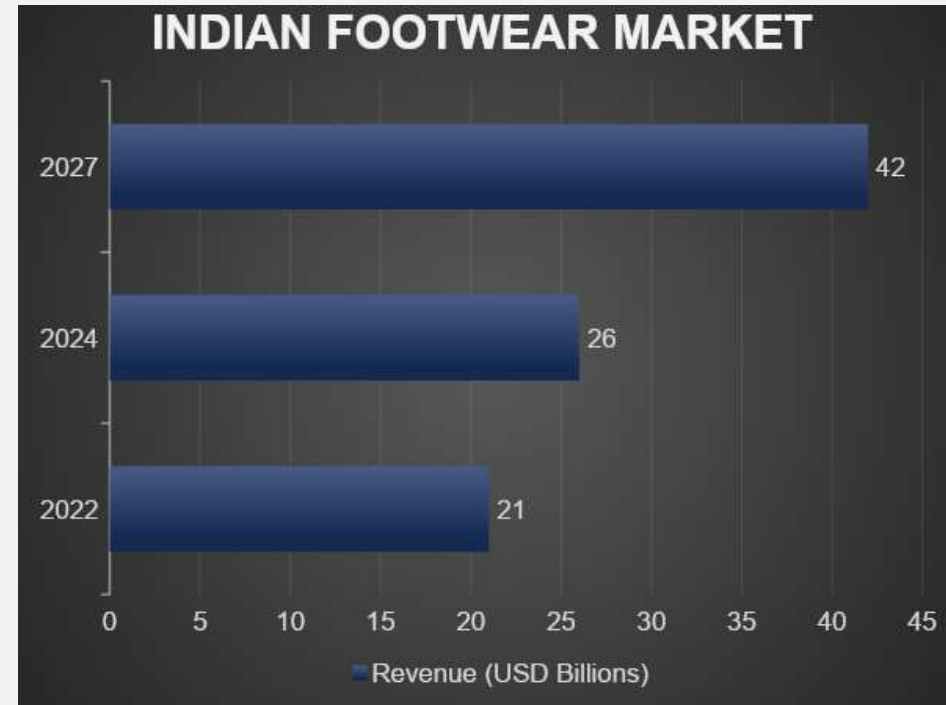
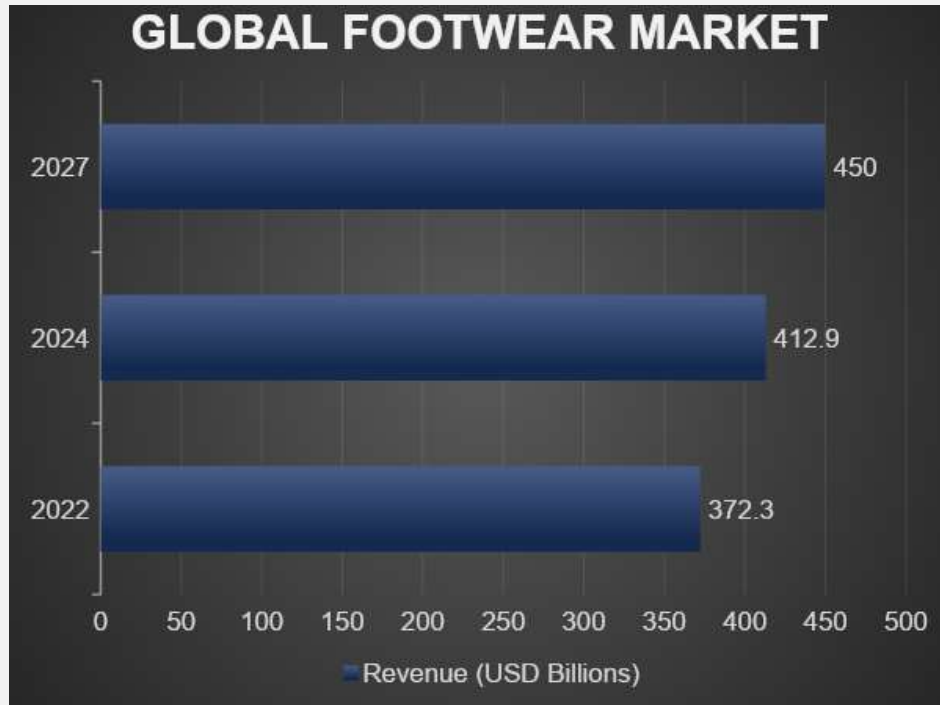


FOOTWEARS- KEY INSIGHTS

- In 2024, the revenue generated in the Footwear market in India amounts to US\$26.06bn.
- It is expected that the market will grow annually by 4.85% (CAGR 2024-2028).
- The Leather Footwear segment is the largest in the market, with a market volume of US\$18.08bn in 2024.
- When compared globally, the highest revenue is generated in the United States, which is expected to generate US\$91.51bn in 2024.
- To the total population figures, it is expected that per-person revenues of US\$18.20 will be generated in the Footwear market in India in 2024.
- The market volume is expected to amount to 2,226.00m pairs by 2028, with a volume growth of 0.4% expected in 2025.
- The average volume per person in the Footwear market is expected to be 1.51pairs in 2024.
- It is also noteworthy that by 2024, 98% of sales in the Footwear market in India will be attributable to Non-Luxury.
- India's footwear market is thriving due to a growing middle class and a rise in e-commerce sales.



GLOBAL & INDIAN MARKET SIZE DATA (USD BILLIONS)



Source: Fortune Business Insights

CONVEYOR BELTS

- With rapid urbanisation, every industry today faces scarcity of Manpower. Therefore, automation is the need of the hour.
- Conveyor Belts play a pivotal role in conveying goods & materials over a long distance. Providing both a convenient and a cost effective solution to the core industries.
- With the Indian Manufacturing taking a leap in the current years and the years to come, all core industries like Mining, Cement, Steel, Ports & Railways are already expanding. With the growing Indian economy, Indian Conveyor market is booming.

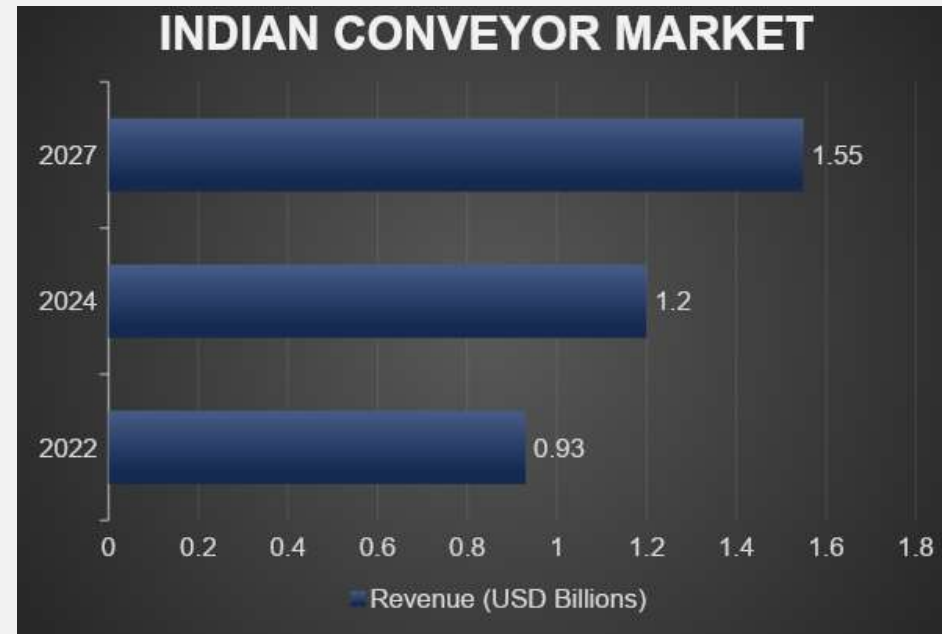
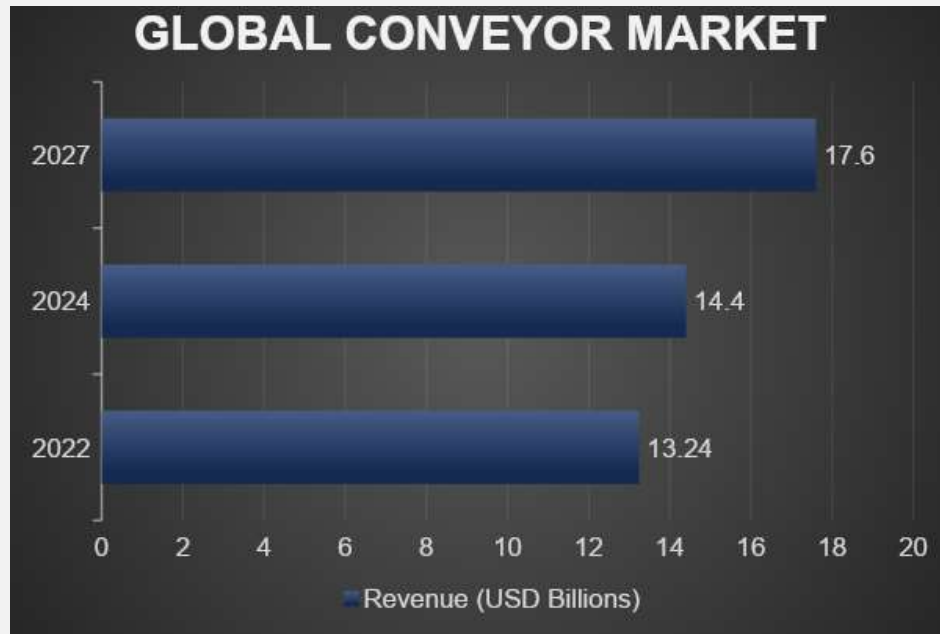


CONVEYOR BELTS- KEY INSIGHTS

- The global conveyor belt market size was valued at \$5.1 billion in 2022 and is projected to reach \$8.3 billion by 2032, growing at a CAGR of 4.9% from 2023 to 2032. It is expected that the market will grow annually by 4.85% (CAGR 2024-2028).
- Key factors driving the growth of the conveyor belts market include growth in the manufacturing sector, growth of the mining industry, and a rise in several automated warehouses.
- Asia-Pacific to Witness the Highest Growth
 - Rising Energy demands in the region is leading to increased mining & power generation activities.
 - The increasing demand for conveyor belts in this region is due to the rise in e-commerce operations, especially in China and India, to handle a large volume of goods.
 - The market's expansion in this area is mostly due to technical advancements and the increased usage of automation technologies across a variety of end-user industries.



GLOBAL & INDIAN MARKET SIZE DATA (USD BILLIONS)



GLOVES

- Gloves has always been critical when it comes to Hygiene, Toxicity, safety & Medical.
- After the Covid-19 pandemic, its importance has reached to the public at large. We are now more aware of the criticality of Gloves.
- As a result, demand has skyrocketed over the years. Even focus on Industrial safety is increasing, where the industry faces a lot of accidents in working conditions which can be averted through the proper use of Gloves.

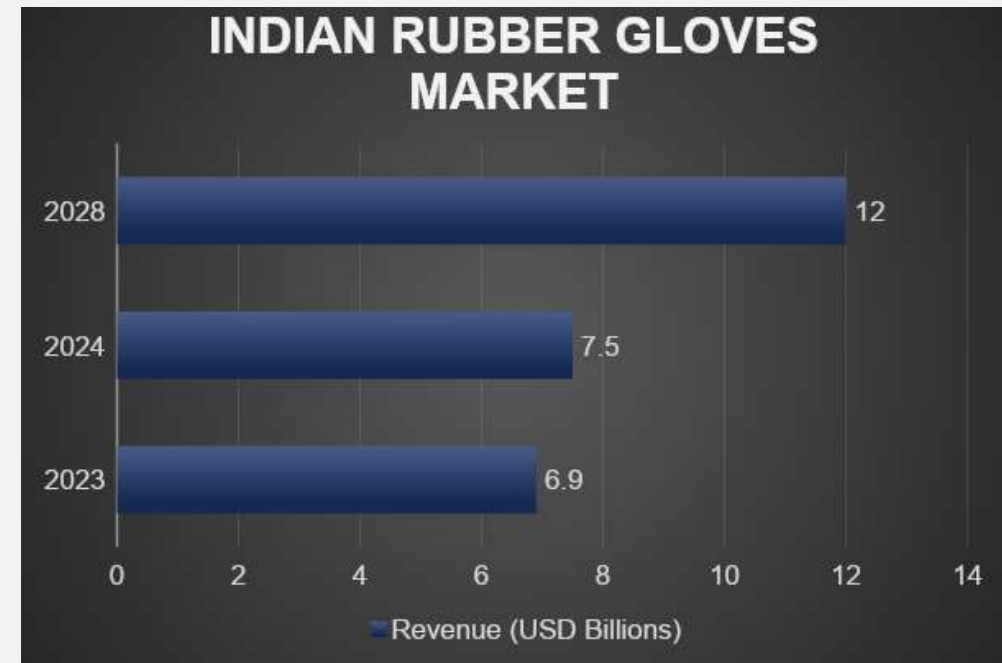
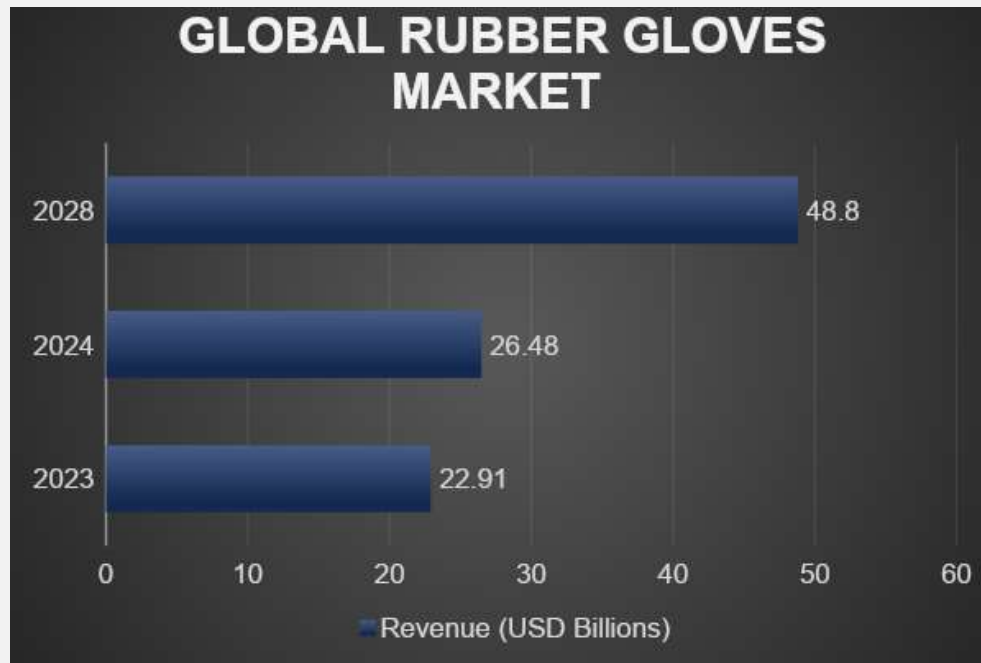


GLOVES- KEY INSIGHTS

- The key factors that are driving the rubber gloves market include the growing safety awareness at workplaces, rising healthcare expenditures, and demand for PPE products due to the global outbreak of the COVID-19 pandemic in 2020. Major trends in the forecast period include expansion of usage beyond healthcare, sustainability initiatives in glove production, customization for specialized applications, strategic partnerships and collaborations, regulatory compliance and quality assurance.
- Detailed Segmentation:
 - India Surgical Gloves Market, By Type:
 1. Latex | 2. Neoprene | 3. Polyisoprene | 4. Nitrile
 - India Surgical Gloves Market, By Usage:
 1. Disposable Gloves | 2. Reusable Gloves
 - India Surgical Gloves Market, By End User:
 1. Hospitals | 2. Chemical & Toxic Industry | 3. PPE for Workplace | 4. Others



GLOBAL & INDIA MARKET SIZE DATA (USD BILLIONS)



MATTRESSES

- A latex mattress creates a firm and long-lasting sleeping surface by combining latex foam with either springs or reflex foam.
- Latex is a natural product as it comes from the sap of a rubber tree to look like the perfect natural mattress.
- Due to the pressure-relieving properties, LATEX mattresses are re-entering the markets with safe & non-hazardous materials.

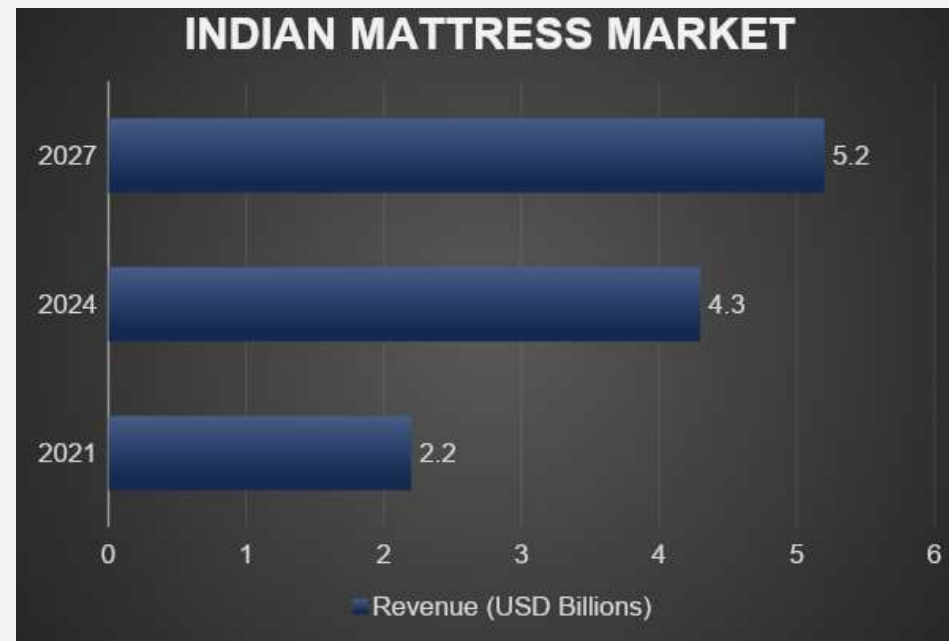
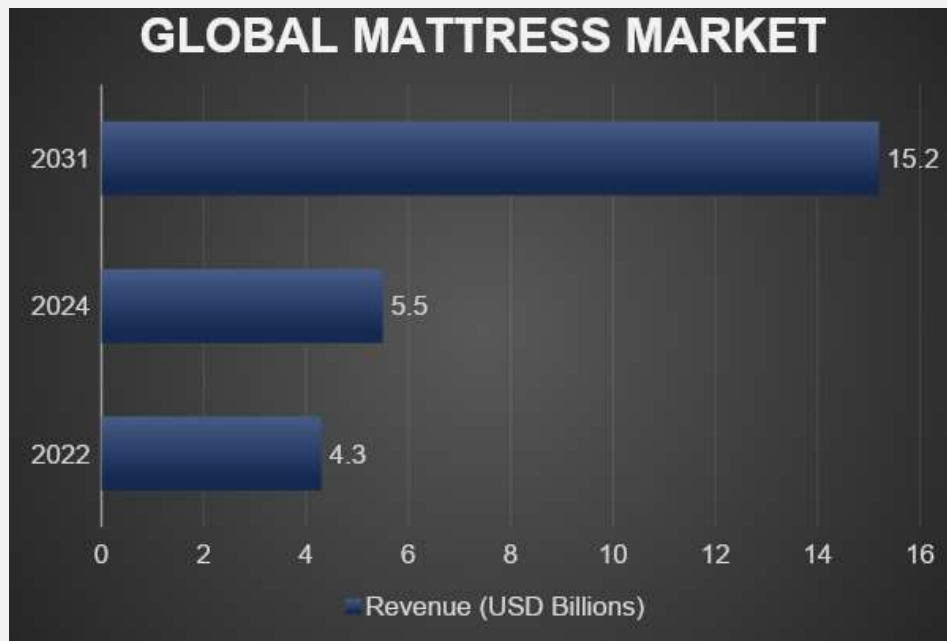


MATTRESS- KEY INSIGHTS

- In 2024, the revenue in the Mattresses market in India amounts to INR US\$ 256.40m.
- According to projections, the market is expected to grow annually by 8.18% (CAGR 2024-2028).
- When compared globally, in the United States generates the highest revenue in this segment, reaching US\$12,550m in 2024.
- Today, with growing awareness towards Health and well being, the developed nations are moving towards Latex based Mattress from the conventional mattress
- India's mattress market is experiencing a surge in demand for orthopedic mattresses, driven by a growing awareness of the importance of good sleep and spinal health.



GLOBAL & INDIAN MARKET SIZE DATA (USD BILLIONS)



OTHER POTENTIAL AREAS FOR RUBBER INDUSTRY



Hoses



**Automobiles
(Non-Tyres)**



Railways



**Gaskets &
Seals**



**Rubber Roofing &
Flooring Sheets**

CHALLENGES AND RISKS IN THE NON-TYRE SECTOR



Government Norms &
Its Impacts



Limited Technology
Access



Market Volatility
Impact



Hazardous Materials

KEY DRIVERS



GROWING DOMESTIC
DEMAND



GOVERNMENT
INITIATIVES &
POLICIES



EXPORT POTENTIAL



COST
COMPETITIVENESS

MARKET DRIVERS

Industrialization & Infrastructure Development



The expansion of Manufacturing Industries and Infrastructure Projects worldwide is increasing the demand for non-tyre products.

Technological Advancements



Continuous Advancements in Rubber Processing Techniques including Injection Moulding and Extrusion are improving product quality, performance, and cost effectiveness.

Growing Automotive Sector



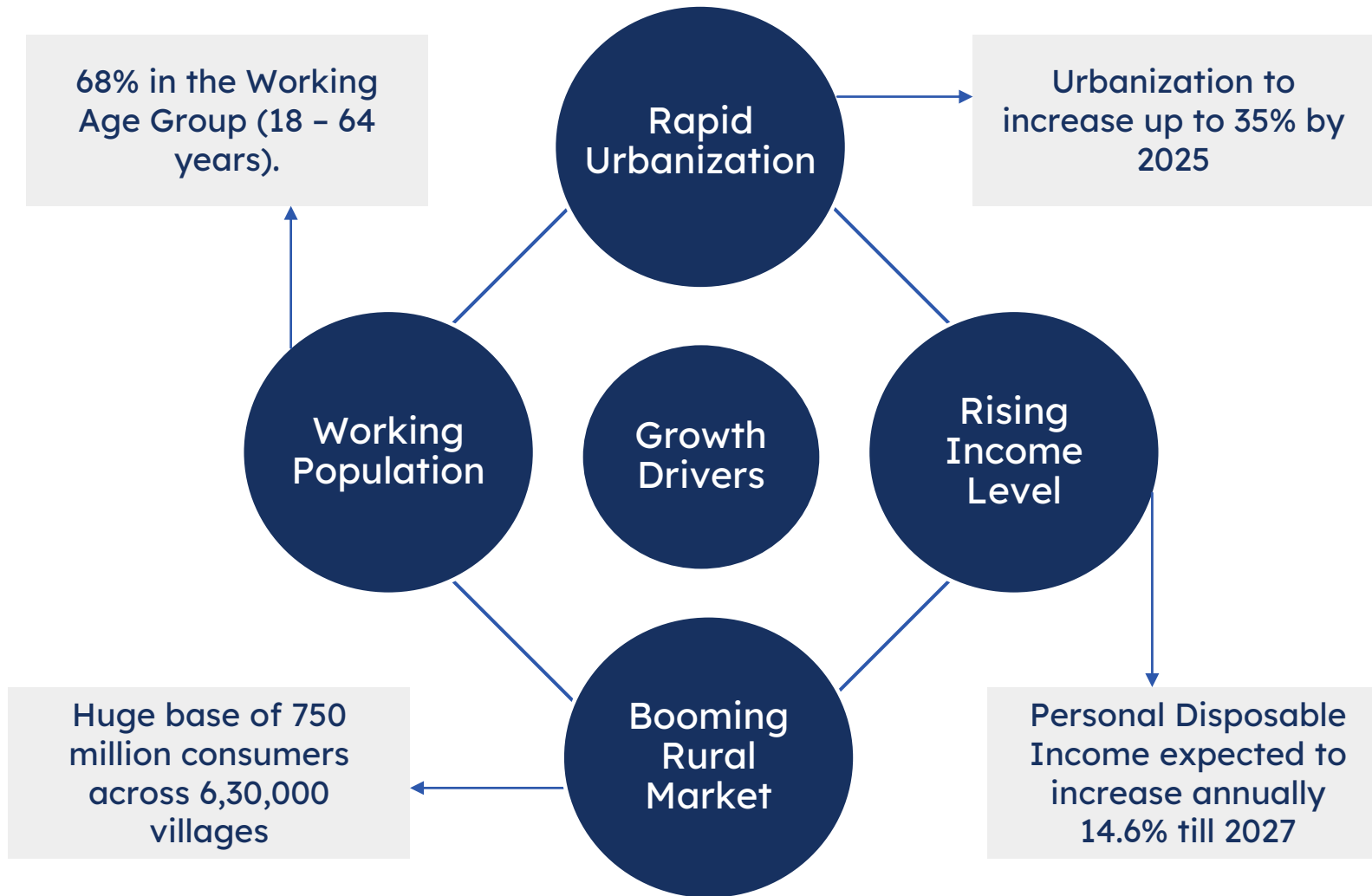
The Automotive industry's constant demand for rubber-based products such as gaskets, seals, and vibration control components, is driving the growth.

Increasing Environmental Regulation



Stricter regulations regarding energy efficiency and emission reduction are encouraging the adoption of eco-friendly rubber products, leading to market expansion.

KEY DRIVERS OF INDIA'S GROWTH



GOVERNMENT INITIATIVES & POLICIES



ACTIONS TO BE TAKEN

Adoption of New Technology

- Awareness about technological developments in the related field of operation.
- Availability of latest plant and machinery, tools, and equipment.
- Facilitating Research & Development Centres.

Rationalization of Duty Structure

For the rubber industry, it is important to check:

- (i) The higher rate of duty applicable on the import of raw material used in rubber product manufacturing.
- (ii) The lower rate of duty imposed on finished rubber products available in the market from other countries.

Skill Development

- To identify and fulfill skill development needs in the rubber sector.
- On-the-job training and mentorship programs are offered to recruits.
- Focus on Industry 4.0 skills: Automation, data analytics, and digital technologies require new skill sets.

THANK YOU!



+91-9830582485



works@royalfastenersne.com



www.royalfastenersne.com



Royal Fasteners (NE) Pvt. Ltd.
Gauripur, College Nagar, Sila Sinduri, Ghopa, North
Guwahati, Assam - 781031