TDV Tech Digest

June 2026 Edition

Employee Speaks

On site as a Scheduler/PMO, I focus on keeping things clear and on track. I break down the scope into practical timelines and make sure everyone knows what needs to happen and when it should happen.

I stay closely involved in the day-to-day tracking progress, spotting delays early, and working with teams to fix challenges before they grow as critical issues. A big part of my role is simply keeping communication open so there are no surprises.

For me, delivering value is about making projects run smoothly and predictably so timelines aren't just met at the end, but managed consistently throughout the project lifecycle.

Warm regards,
Rohan Dashputre
Scheduler/PMO

INDIA ENGINEERING EXPORTS

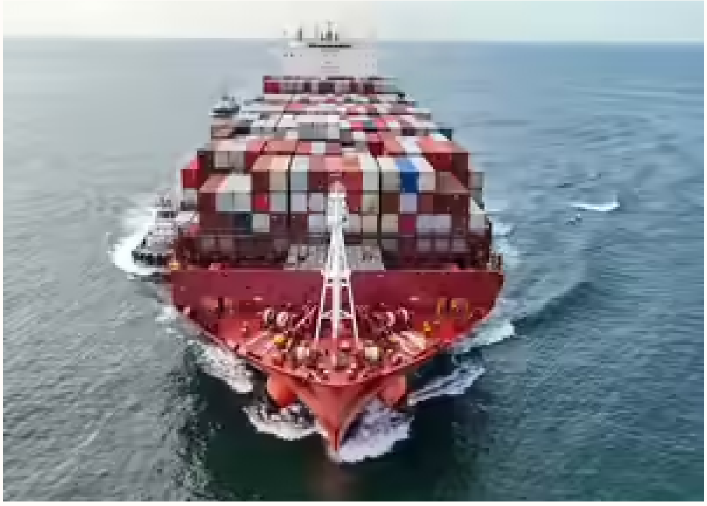
India's engineering exports hit a record **$122.4 billion**, growing **~4.8–5% YoY**

- Growth achieved despite geopolitical tensions, supply chain disruptions, and high freight/energy costs
- Government support and Free Trade Agreements (FTAs) played a key role in driving export momentum and market diversification
- **Key growth drivers:**
  - Strong exports in vehicles, copper, and steel
  - Expansion into new geographies and product segments
- Sector showed high resilience, maintaining growth even during peak supply chain disruptions

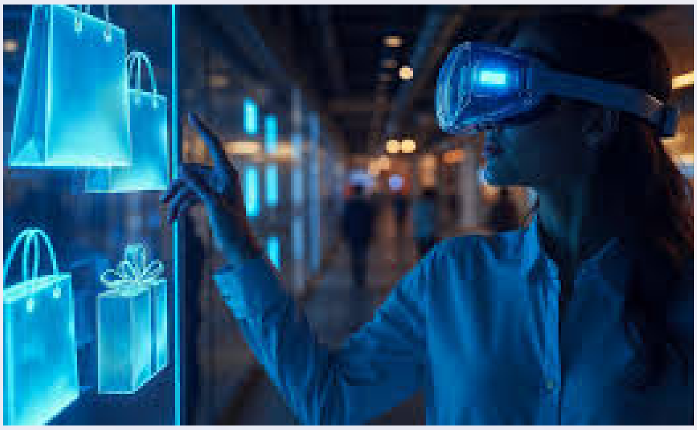
Regional divergence observed:
- Strong demand from markets like the US
- Sharp decline in exports to West Asia due to geopolitical instability

Outlook:
Cautiously optimistic, with growth dependent on easing geopolitical tensions and global stability

Source



CONVERGE 5.0: WALMART'S FLAGSHIP RETAIL TECH EVENT – ARCHITECTING THE FUTURE OF RETAIL WITH AI



- AI is becoming a **core driver across the retail value chain,** from customer experience to supply chains.
- **Agentic & Generative AI** are enabling smarter, more autonomous, and conversational shopping journeys.
- **Hyper-personalization** is now essential, with tailored recommendations and contextual experiences.
- Shoppers prioritize **speed and convenience**, pushing retailers toward frictionless experiences.
- AI is powering **intelligent operations**, including real-time supply chain and delivery optimization.
- The future is **human + AI collaboration**, enhancing productivity and decision-making.
- **Trust and responsible AI** (privacy, transparency) are critical for customer adoption

Source

Inside **PEPSICO**: A Financial & Strategic Performance Snapshot (Annual Report)

Business Review

REVENUE HIGHLIGHTS

- Net Revenue: $93.9B (+2% YoY)
- Growth driven by international markets expansion and portfolio innovation
- Strong contribution from Food segment (58%) vs Beverage (42%)
- Increasing reliance on markets outside the U.S. (44% of revenue)

CAPEX & INVESTMENT FOCUS

- Capital Expenditure: $4.4B (↓17% YoY)
- Investments directed toward:
  - Manufacturing footprint expansion
  - Warehousing & distribution modernization
  - Digital + AI-led capabilities
  - Supply chain efficiency & resilience

Source

M&A & PORTFOLIO TRANSFORMATION

- Continued portfolio reshaping via acquisitions & partnerships
  - Integration of brands like Siete & poppi
  - Strengthened partnership with Celsius Holdings

- Focus areas:
  - Health & functional beverages
  - Better-for-you snacks
  - Emerging consumer trends (prebiotic, clean-label)

ENGINEERING & TECHNOLOGY INVESTMENT

- Strong push into:
  - AI-powered supply chain & demand planning
  - Smart manufacturing systems
  - Real-time inventory visibility
  - Digital sales & customer engagement platforms
- Expansion of Global Capability Centers for centralized operations

Source

Inside **PEPSICO** : A Financial & Strategic Performance Snapshot (Annual Report 2025)

Business Review

INDIA & ASIA (APAC) HIGHLIGHTS

- Asia Pacific Foods contributes ~5% of revenue and 3% of operating profit
- India identified as a high-growth, developing market
- Focus areas:
    - Localized product portfolio (e.g., Kurkure, Lay's variants)
    - Manufacturing & supply chain expansion
    - Scalable distribution networks
- Broader APAC strategy:
    - Capture population-driven demand growth
    - Expand affordable + value-driven offerings

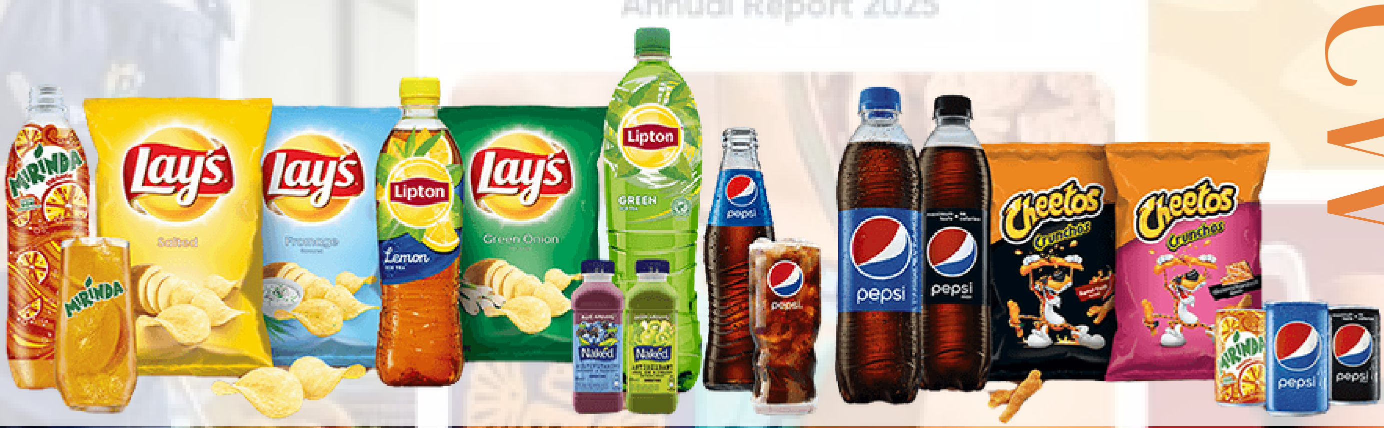
STRATEGIC TAKEAWAY:

India & Asia are long-term growth bets, not immediate profit drivers—investment-heavy now for future scale and consumption growth.

BOTTOM-LINE INSIGHT

- Revenue: Stable, incremental growth
- Capex: Controlled, efficiency-led
- M&A: Strategic, health & innovation-focused
- Engineering: Digital + AI transformation
- India/Asia: Growth engine in the making

Source



CASE STUDY

SAFETY AUDIT | INDIA'S LARGEST POWER AND ENERGY COMPANY

OVERVIEW

TDV Engineering Solutions conducted an external safety audit at India's largest power & energy company's PV solar manufacturing facility to assess compliance, identify risks, and strengthen safety systems across process gases and chemical operations.

CHALLENGES

- Infrastructure gaps in hazardous storage areas impacting emergency safety
- Misalignment in HAZOP studies, SOPs, and engineering documentation
- Variability in workforce awareness and emergency response readiness
- Opportunities to strengthen emergency preparedness and reduce response time

SOLUTIONS DELIVERED

- Engineering Improvements: Enhanced storage safety, ventilation, earthing, and fire protection systems
- Process Optimization: Refined HAZOP studies, corrected SOPs, aligned P&IDs with actual conditions
- Emergency Readiness: Developed structured On-site Emergency Plan and recommended QRA
- Capability Building: Targeted training programs and mock drills for employees and contractors
- Governance: Strengthened compliance tracking and safety verification processes

BUSINESS IMPACT

- Improved plant safety and operational reliability
- Faster and more effective emergency response
- Stronger regulatory compliance
- Foundation for a proactive safety culture

TDV

Connect With Us

Website: www.tdves.com
Email: info@tdves.com