TDV Tech Digest

May 2026 Edition

Employee Speaks

As a Mechanical Engineer, I work closely through design coordination, site execution, and system validation to ensure alignment with project specifications, timelines, and performance requirements.

I am actively involved in resolving on-site challenges, optimizing system performance, and coordinating with multidisciplinary teams to maintain quality and execution standards.

For me, delivering value means providing reliable, efficient, and compliant systems that meet client expectations not just at handover, but throughout the lifecycle of the project.

Warm regards,
Ajay Nahadiya
Mechanical Engineer

WEST ASIA TENSIONS HIT GULF SALES; STRONG INDIA DEMAND STEADIES FMCG GROWTH

Geopolitical tensions have impacted most staple companies on the international front, with a sharper effect in the Middle East.

West Asia tensions strain overseas FMCG business, but steady domestic demand supports FY27 outlook

GULF BUSINESS UNDER STRAIN

Middle East tensions are slowing FMCG growth for players like Dabur and Marico, with supply and demand disruptions in the Gulf, though the impact remains limited overall due to diversified global portfolios supporting growth elsewhere.

DOMESTIC DEMAND HOLDS FIRM

In India, FMCG demand remains steady with improving consumption, strong growth across categories, and resilient rural and urban momentum supporting overall expansion.

INFLATION RISKS TEMPER OUTLOOK

Rising input costs may pressure margins in FY27 despite steady demand, with companies relying on price hikes and cost controls while remaining cautiously optimistic.

Source

FMCG Price Hike – India Impact Snapshot

Hindustan Unilever has increased prices across key brands including Dove, Pears, Surf Excel, and Red Label
Price **hikes range roughly 2%–10%,** impacting daily essentials like soaps, detergents, and tea

⚠️ **What's Driving the Increase**
Iran war-led supply disruptionhas pushed up:

- **Crude oil prices**
- **Palm oil (key soap ingredient)**
- **Packaging and logistics costs**

Higher fuel costs → more expensive transportation and distribution

📦 **Business Impact**

- FMCG companies are passing on input cost inflation to consumers to protect margins
- Signals broader inflationary pressure across the sector

Consumer Impact

- Everyday household items becoming incrementally more expensive
- Likely ripple effect as other FMCG players may follow suit

Source

Inside **ABinbev** : A Financial & Strategic Performance Snapshot (Annual Report FY2025)

Business Review

REVENUE HIGHLIGHTS

- Revenue grew **~2.0% YoY,** showing resilience in a soft market
- Growth across **~65%** of key markets
- Price/mix (premiumization & Beyond Beer) was the main driver
- **Volumes mixed:** growth in emerging markets, pressure in mature markets
- Premium segments and digital platforms (e.g., BEES) supported performance
- Focus remained on margin-led, high-quality revenue growth

CAPITAL EXPENDITURE (CAPEX) FOCUS

- FY2025 Net Capex:
  - ~$3.55 billion, slightly lower vs ~$3.74 billion in 2024
- Forward guidance (FY2026):
  - Expected range: $3.5–4.0 billion annually

CAPEX ALLOCATION PRIORITIES

- Capacity expansion & efficiency
  - Brewery upgrades, packaging lines, and logistics optimization
- Premiumization strategy
  - Investment in high-growth premium brands and product mix upgrades
- Digital & commercial platforms
  - Scaling BEES marketplace ecosystem and route-to-market tech
- Sustainability engineering
  - Water stewardship, energy efficiency, and emissions reduction initiatives

M&A AND STRATEGIC INVESTMENTS

Key Transactions / Moves

- Reacquisition of U.S. metal container plants stake
  - ~$2.9 billion deal (completed Jan 2026)
  - Strategic rationale:
    - Vertical integration
    - Cost control amid rising aluminum prices
- Portfolio reshaping (Eastern Europe)
  - Attempted restructuring of Russia–Ukraine JV with Anadolu Efes (pending approvals)
- Growth-oriented acquisitions
  - Example: Majority stake in BeatBox (RTD beverages) (~$490M announced)

Source

Inside **ABinbev** : A Financial & Strategic Performance Snapshot (Annual Report FY2025)

Business Review

M&A STRATEGY THEMES

Beyond Beer expansion

- RTD, spirits-based beverages, energy drinks

Vertical integration

- Packaging and supply chain control

Geographic portfolio optimization

- Exit/restructure in geopolitically complex regions

INDIA & ASIA HIGHLIGHTS

- Asia Pacific is a **key growth region**
- Contributes **~10.5% of global revenue**
- Markets include:
  China, India, Japan, South Korea

ENGINEERING & OPERATIONAL INVESTMENT FOCUS

- **Smart brewery investments**
  - Automation, AI-driven operations, predictive maintenance
- **Supply chain digitization**
  - End-to-end integration from production to distribution
- **Sustainability engineering**
  - Water efficiency programs in high-stress regions
  - Renewable energy & emissions reduction

Manufacturing Investments

- Continued investment in brewery modernization and capacity upgrades
- Targeted investments in high-growth brands (e.g., Michelob Ultra capacity expansion)

Digital Engineering Platforms

- BEES (B2B platform)
  - Drives third-party marketplace GMV growth and digital sales scale
- **Data-driven revenue management systems**

Insight: Engineering spend is increasingly tech-led, combining:

- Operational excellence (cost + efficiency)
- Digital monetization (platform-led growth)

BOTTOM-LINE SYNTHESIS

- **Capex:** Stable (~$3.5B), focused on efficiency, premiumization, and digital infrastructure
- **M&A:** Targeted, with emphasis on Beyond Beer + vertical integration + portfolio optimization
- **Engineering investments:** Transitioning toward automation, AI, and sustainability-driven operations

Source

Call : +919925247762
info@tdves.com | www.tdves.com

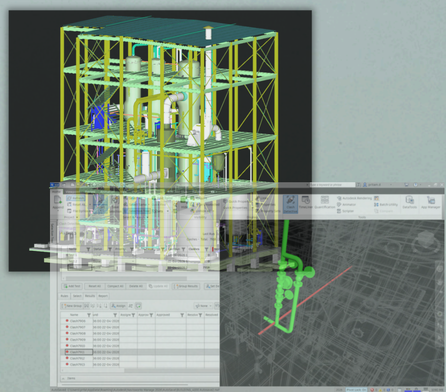
CASE STUDY

Multi-Disciplinary 3D Design, Engineering & Coordination for a Greenfield Starch Plant

Scope of Work

Delivered end-to-end 3D design and engineering for a new starch production facility, developing a clash-free digital twin to enable efficient construction and optimized operations.
The engagement included comprehensive engineering of the plant's physical layout and utility infrastructure, ensuring seamless integration across all systems.

- Developed detailed 3D models for processing and packing equipment based on GA drawings
- Converted 2D architectural and structural designs into a coordinated 3D framework
- Designed integrated piping, utilities, cable trays, and support systems across disciplines



Challenges

The engineering phase covered the end-to-end development of the plant's physical and utility infrastructure:

Approach

- Implemented a BIM-led coordination strategy
- Used clash detection (e.g., Navisworks) to identify and resolve interferences
- Optimized layouts through re-routing and standardized design practices

Results

- Minimized on-site rework through early clash resolution
- Delivered accurate BOMs and construction-ready drawings
- Improved collaboration across mechanical, electrical, and civil teams

Connect With Us
Website: www.tdves.com
Email: info@tdves.com