Indo-Australian Chamber of Commerce
AustCham India

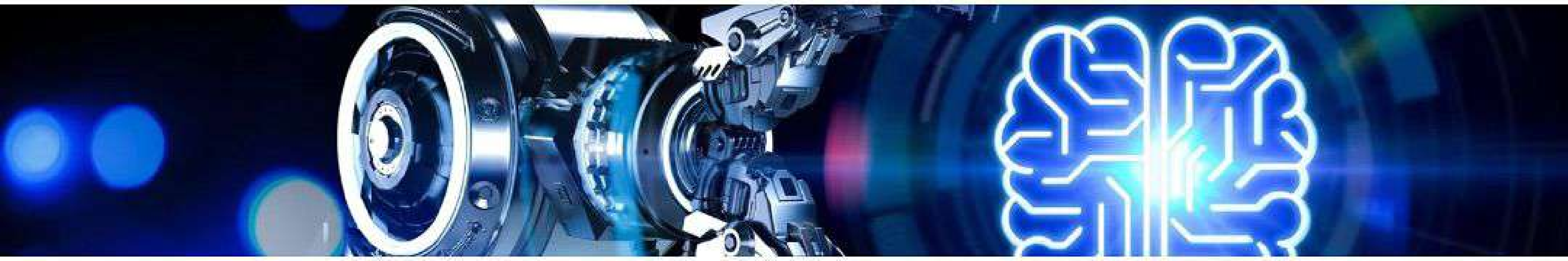
fractal

TRADE TALKS

India and Australia's Economic Cooperation and Trade Agreement (ECTA), active since December 29, 2022, has driven a significant increase in bilateral trade, doubling merchandise trade from USD 12.2 billion in FY 2020-21 to USD 26 billion in FY 2022-23, before easing to USD 24 billion in FY 2023-24. India's exports grew by approximately 14% year-over-year, with agriculture, textiles, chemicals, IT/ITeS, pharma, and machinery among the main beneficiaries. Total trade reached USD 24.1 billion in FY 2024–25, and both countries aim to reach AUD 100 billion (around USD 65 billion) by 2030 through the upcoming Comprehensive Economic Cooperation Agreement (CECA)

India and Australia have seen their Economic Cooperation and Trade Agreement transform bilateral trade and are set to achieve 90 percent tariff-free trade by January 1, 2026, according to the Department of Foreign Affairs and Trade. In this swiftly developing collaboration, Artificial Intelligence is becoming the unifying element across sectors including government, mining, financial services, manufacturing, and innovative domains such as renewable energy and educational technology.

From a government-to-government perspective, AI-driven policy analytics can enhance the efficiency of public service delivery, improve social welfare programs, and predict demographic changes. India's Digital India initiative, along with Australia's developing GovTech ecosystem, provides a promising environment for AI governance platforms that enable regulators to simulate potential results before implementing large-scale initiatives. In Australia's mining sector, which is abundant in resources, predictive-maintenance models developed from years of operational data by Indian data-science teams are decreasing unplanned downtime and reducing maintenance expenses.



Meanwhile, sophisticated anomaly-detection algorithms evaluated on iron-ore transport fleets are now guiding asset-management strategies for several Tier 1 Australian miners, increasing throughput and maintaining safety and compliance. Financial services in both markets are leveraging AI to manage risk, personalize customer experiences, and expedite credit decisions. A recent Fractal case study with a leading Australian bank demonstrates how Generative AI on AWS lifted self-service accuracy, achieving an 85 percent speech-to-text baseline and a 25 percent improvement in call-driver identification over legacy approaches, across 100,000 monthly interactions. This blend of deep learning and behavioral analytics is equally applicable to India's burgeoning digital lending platforms.

Manufacturing, already the backbone of India's "Make in India" initiative and Australia's niche advanced-components sector, is ripe for AI-driven quality control and supply chain orchestration. Fractal's Cogentiq Invoice to Cash, which unlocked $500 million in working capital opportunities for a global CPG player, can be tailored to Indo-Australian joint ventures to optimize inventory flows, reduce lead times, and dynamically hedge raw material costs.

Looking beyond these pillars, renewable energy and agritech stand out. AI-enabled grid-balancing algorithms can help smooth intermittency as Australia scales up solar and wind exports to India.

At the same time, precision agriculture models powered by multispectral imaging from both countries promise higher yields and lower water usage.

Fractal is pushing the boundaries of cutting-edge AI with standout innovations like

- Fathom-R1-14B, its open-source reasoning model, delivers best-in-class mathematical performance, outperforming closed models like o4-mini on benchmarks such as AIME and HMMT while being cost-efficient (trained for just ~$499).
- Cogentiq, a modular "agentic AI" platform, powers enterprise-scale automation across analytics, finance, operations, and other functions.
- Project Pioneer is an autonomous AI for software and data-science task orchestration, designed to break down complex problems and execute them via multi-agent collaboration.

These innovations position Fractal at the forefront of scalable, human-like intelligence for the enterprise. Fractal established our Australian entity in 2018 and has been working with key ASX and Public Sector clients, including major banks, telcos, transport, and mining companies. Fractal provides a range of Data, AIML, Analytics, and Design Services. We have established offices in Sydney, Melbourne, Brisbane, and Perth. We deliver our services in a hybrid manner, which includes working with our India- based teams. This unique ability to attract highly experienced and scaled talent from India, combined with our Australian workforce, has been the cornerstone of our success. We work with Federal and State Government agencies, such as Austrade and Invest Victoria, and are also listed on multiple state government procurement panels. Additionally, we collaborate with top universities in Australia to develop and support local talent. As India and Australia aim for US$100 billion in bilateral trade anchored by a comprehensive CECA now under negotiation, AI is the catalyst to turn ambition into action. We invite Chamber members to explore Fractal's AI-at-scale offerings: from governance-grade simulation engines to turnkey GenAI deployments.

Let's architect the next wave of Indo-Australian prosperity together.