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India–Middle East–Europe Economic Corridor (IMEC): Strategic Economic Implications for India

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Abstract:
The India–Middle East–Europe Economic Corridor (IMEC), launched during the G20 Summit in New Delhi (2023), represents a multi-dimensional infrastructure and investment initiative aimed at enhancing intercontinental connectivity and economic integration. It is conceptualized as a cross-regional corridor linking South Asia, the Middle East, and Europe, thereby reshaping global trade architecture. The India–Middle East–Europe Economic Corridor (IMEC) represents a high-profile initiative to connect India, the Gulf, and Europe via an integrated transport, energy, and digital network. This research paper examines IMEC's objectives and strategic context and evaluates its potential economic effects on India. Through a critical literature review and comparative case-study analysis of similar corridors (e.g., China–Pakistan Economic Corridor, LAPSSET in East Africa, and the North-South Transport Corridor), this research paper identifies key variables: trade volumes, logistics costs, and connectivity infrastructure. The research paper posits that IMEC aims to (H1) diversify India's trade routes and reduce dependence on existing chokepoints (like the Suez Canal); (H2) enhance India's export competitiveness through faster, lower-cost linkages; and (H3) strengthen India's geopolitical partnerships with Gulf and European nations. The methodology includes qualitative analysis of policy documents (G20 communiqués, MOUs, and government releases) and quantitative proxies (trade data trends between India, the Middle East, and the EU). Preliminary findings (thematic summary) suggest IMEC could unlock significant economic benefits if properly executed: for instance, Atlantic Council estimates indicate possible time savings of ~40% and annual export gains of $22 billion for India. Yet these gains hinge on corridor completion and sufficient cargo throughput. The research paper identifies constraints—funding gaps (~$5 billion needed for core rail segments), regional instability (Houthi disruptions in the Red Sea), and cost-competitiveness challenges (transshipment penalties)—which mirror obstacles seen in other corridors (Table 1). The research paper concludes with policy recommendations for Indian stakeholders, emphasizing phased implementation, PPP-driven investments, regulatory alignment (e.g., unified trade documentation), and leveraging global frameworks. The analysis provides a comprehensive view for policymakers and academics on how IMEC could reshape India's trade and infrastructure landscape.

Keywords: India–Middle East–Europe Economic Corridor (IMEC), trade connectivity, infrastructure corridors, India–EU trade, strategic infrastructure, supply-chain resilience, multimodal transport, G20 (the Group of Twenty), connectivity policy.

1. Introduction

The India–Middle East–Europe Economic Corridor (IMEC), formally announced at the G20 Leaders' Summit in New Delhi (September 2023)[1], is a transcontinental infrastructure and connectivity initiative linking India with Europe via Gulf countries. Supported by India, the UAE, Saudi Arabia, the EU, the USA, and others, IMEC is framed as a "modern Silk Route" that could diversify trade flows, reduce logistics costs, and strengthen India's trade integration with Europe[2]. IMEC aims to integrate maritime shipping lanes and overland transport (rail, road) alongside energy and digital links (pipelines, fiber-optic cables)[3]. Proponents argue the corridor will bolster India's economic integration with the Gulf and Europe by diversifying trade routes, enhancing logistics efficiency, and promoting new investment flows. In strategic terms, IMEC is often framed as a counterbalance to China's Belt and Road Initiative (BRI) and as a means to connect the Global South (India and the Middle East) more directly with Europe[4]. Early analyses project that IMEC's overland link could cut transit times by ~40% and logistics costs by ~30% compared with traditional sea routes through Suez[5]. However, experts caution that the corridor's economic viability is uncertain, given high intermodal handling costs and competition from established maritime routes.

This research paper reviews official documents and literature on IMEC, compares it with three analogous corridors (China–Pakistan CPEC, Kenya–Ethiopia–Sudan LAPSSET, and India–Russia–Iran INSTC), and analyzes potential impacts using trade and connectivity indicators. The research paper formulates hypotheses on trade diversion and infrastructure investment and outlines a mixed-methods approach combining policy analysis with secondary data on trade and transport. The study finds that, in principle, IMEC could enhance India's export competitiveness (potentially boosting exports by an estimated 5–8% or ~$22 billion annually) and supply-chain resilience by providing an alternative to Chinese-dominated or conflict-prone routes[6]. Key challenges include funding gaps, regional instability (e.g., Red Sea disruptions), and ensuring sufficient cargo volume to justify the investment. Based on case-study lessons, The research paper recommends: (a) short-term – continue feasibility studies, strengthen regulatory links (e.g. harmonized customs and digital platforms), and involve industry stakeholders; (b) medium-term – build core infrastructure (rail links, port upgrades, pipelines) via public–private partnerships, and secure innovative financing (e.g. multilateral funding, green bonds); (c) long-term – integrate IMEC into broader Indo–Gulf–Europe strategies (e.g. energy corridors, digital networks) and formalize governance (possibly a coordinating institution). IMEC's success could significantly alter regional trade dynamics, but realizing its strategic promise will require overcoming geopolitical and commercial hurdles.

This research addresses IMEC's significance for the Indian economy. Key drivers include India's export growth goals, supply-chain diversification (post-COVID), and India's G20 leadership priorities of sustainable and inclusive infrastructure. Official statements highlight IMEC's role in energy trade (e.g., liquefied natural gas, hydrogen), technology cooperation, and geopolitics (e.g., strengthening India's ties with the EU and Gulf). However, questions remain about its feasibility and economic impact. Skeptics note that each mode change (ship–rail–ship) introduces costs and delays, potentially eroding the corridor's attractiveness for bulk goods. This study, therefore, examines IMEC not just as policy rhetoric but through the lens of economic analysis, asking: Can IMEC materially boost India's trade and growth? Under what conditions?

The research paper notes that IMEC's announcement was a high-profile G20 outcome (supported by leaders including PM Modi, President Biden, and EU Commission President Ursula von der Leyen),

signaling its prominence on the agenda[7]. The introduction outlines the research paper's structure: after reviewing existing literature and similar projects, the research paper develops research hypotheses on trade impacts and outlines objectives, then describe the mixed methodology. The analysis includes detailed case comparisons to draw lessons for IMEC. The significance of this study lies in its comprehensive scope, addressing a timely policy issue with rigorous sourcing (G20 documents, government releases, think-tank reports, and academic studies) and clear citations. The research paper concludes with policy recommendations informed by both economic theory and practical case precedents.

2. Literature Review

The literature on IMEC is emergent. Since its 2023 announcement, analyses have appeared primarily in policy reports and strategic journals, discussing its geopolitical rationale, projected economic benefits, and challenges. The official narrative (IMEC/MEA/PIB releases[8910]) emphasizes connectivity and diversification: the Ministry of External Affairs described IMEC as comprising an "Eastern Corridor" (India–Gulf maritime routes) and a "Northern Corridor" (rail/road from the Gulf to Europe), envisaging integration of rail networks, ports, and digital energy links. These sources herald IMEC as a platform for "economic integration between India and Europe." Similarly, Indian ministers have framed IMEC as a "game changer" and a bridge connecting civilizations, with quotes[11] from PM Modi envisioning it as the "basis of world trade for hundreds of years."

Policy literature highlights[12] (a) trade and investment: projected reductions in transit costs and times (cited as 30% and 40% improvements) and opportunities in sectors like ports, energy, and special economic zones; (b) energy and sustainability: inclusion of green hydrogen pipelines and renewable energy links; (c) digital/finance: linking digital public infrastructure and payment systems (e.g., UPI) to ease cross-border trade; and (d) geopolitics: strategic balancing of China, enhancing India–EU relations, and supporting Global South connectivity. The Atlantic Council report[13] (August 2025) provides a detailed techno-economic analysis, estimating that IMEC could carry ~1.5–3 million TEU of cargo by rail annually and generate ~$21.85 billion in additional Indian exports (5–8% growth).

Some analyses are cautionary. A Trends Research briefing (Feb 2026)[14] notes that IMEC's launch coincided with Middle East unrest, raising doubts about transit security, and it emphasizes that IMEC seeks to bypass the Suez route, which has become risk-prone due to Red Sea conflicts. A commentary in The National Interest (Dec 2025)[15] questions IMEC's commercial viability: it argues that modal transfers (sea to rail to sea) impose extra costs (port fees, customs, and handling) and that shipping remains cheaper (80% of global trade is seaborne). The corridor's speed advantage (40% faster) matters mainly for high-value or time-sensitive goods, whereas bulk trade likely stays with traditional shipping. These authors warn that, absent subsidies or disruptions, captains may not willingly pay a premium for IMEC's complexity.

Research gaps: The existing literature is largely descriptive or advocacy-oriented; few peer-reviewed studies are available yet (although Krzymowski 2024[16] provides a political-economy analysis in the Journal of International Studies). There is a need for systematic economic assessment, e.g., quantifying trade elasticities, modeling logistical cost savings, or projecting investment flows. Comparisons with other corridors are often mentioned but not rigorously synthesized. This review finds a gap in empirical research on corridors in comparable settings the study addresses this by assembling case studies and examining measurable indicators (trade volume changes, FDI, and infrastructure funding). The review

also suggests hypotheses: that corridors like IMEC can increase trade and shift supply chains (as with CPEC reducing China's Malacca dependence) but face financing and security constraints (as seen in LAPSSET). The research paper build on this by positing hypotheses and designing an analysis that can highlight such effects.

3. Hypotheses and Objectives

Building on the literature, the research paper formulates the following hypotheses (H1–H3) regarding IMEC's economic implications for India:

1. **Trade Diversification Hypothesis (H1):** IMEC will diversify India's trade routes to Europe by providing a viable alternative to the Suezmaritime route, thereby reducing transportation time and costs for India–Europe trade.
2. **Export Growth Hypothesis (H2):** By improving connectivity and lowering logistics costs, IMEC will boost India's exports to Europe (and intermediate markets) by an estimated 5–10% beyond baseline projections.
3. **Strategic Partnership Hypothesis (H3):** IMEC will strengthen India's trade and investment ties with Gulf and European partners, reflected in increased bilateral FDI and trade agreements following IMEC implementation.

If not testable statistically (due to lack of future data), these hypotheses serve as thematic guides for the qualitative analysis and secondary-data review.

Research Objectives:

Guided by these hypotheses, the research paper aims to:

- **Objective 1:** Document IMEC's structure and planned components (transport modes, countries involved, and scope of MoU commitments) using official sources.
- **Objective 2:** Synthesize evidence on IMEC's projected economic effects (logistics savings, trade volumes) from think-tank studies and expert analysis.
- **Objective 3:** Compare IMEC with at least three analogous corridor projects (CPEC, LAPSSET, INSTC), focusing on their infrastructure features, investment patterns, implementation outcomes, and economic lessons.
- **Objective 4:** Identify enablers and bottlenecks (e.g., funding gaps, geopolitical risks) that could affect IMEC's success, drawing on global examples.
- **Objective 5:** Provide policy recommendations (short-, medium-, and long-term) for India based on the findings, aligned with development goals and G20 outcomes.

4. Significance and Limitations

Significance:

- **Timeliness:** IMEC is a current policy priority (G20 outcome, $5B PGII funding pledge) and likely to influence India's infrastructure strategy for decades.
- **Policy Relevance:** The study provides concrete recommendations for policymakers in India (and partner countries), addressing an area of high strategic interest (trade resilience, connectivity). Citing government and G20 documents ensures alignment with official agendas.
- **Academic Contribution:** By critically reviewing diverse sources and conducting comparative analysis, the research paper fills a gap in academic literature on IMEC, moving beyond press statements to evidence-backed insights.

- **Methodological Rigor:**The research paper transparently state data sources (G20/MoF/MEA releases, think-tank reports, peer-reviewed articles) and acknowledge limitations, adhering to scholarly standards.

Limitations:

- **Data Availability:** IMEC is a nascent initiative; no ex-post trade data or completed infrastructure exists yet. Thus, empirical validation of hypotheses (H1–H3) is constrained. The research paper relies on secondary projections (e.g., the Atlantic Council model) and analogies.
- **Scope:** The study does not conduct field surveys or quantitative modelling beyond cited estimates. The research paper notes unspecified parameters as such, focusing instead on policy documents and reported analyses.
- **Dynamics:** Geopolitical and economic conditions may change (e.g., the Middle East conflict, global trade shifts), so findings reflect current knowledge as of early 2026. The research paper flag evolving factors where relevant.
- **Bias:**The reliance on official statements (PIB, MEA) could incorporate positive spin. The research paper balance this with independent analyses (Atlantic Council, National Interest, Journal articles) to mitigate bias.

Despite these limitations, the research paper aims to be exhaustively detailed and transparent about assumptions. Unspecified items (future freight volumes, exact financing mix) are noted as assumptions or left open.

5. Methodology

This research employs a mixed-methods approach, combining qualitative policy analysis with quantitative indicators where possible:

- **Document Analysis:** The research paper systematically reviewsprimary sources: G20 declarations, memoranda of understanding, and Indian government releases (Press Information Bureau, Ministry of Commerce & Industry and Finance, and Ministry of External Affairs). These provide factual information on IMEC's definition, signatories, and official narratives (Obj1). Secondary sources include reports by think tanks and international institutions (Atlantic Council, Trends Research, etc.) and journal articles for critical perspectives. All endnotes' citations provide sources.
- **Comparative Case Studies:** The research paper selects three global corridors analogous in scope and concept: China–Pakistan Economic Corridor (CPEC), Kenya–South Sudan–Ethiopia LAPSSET Corridor, and the India–Iran–Russia North–South Transport Corridor (INSTC). For each, the research paper gather data on participating countries, transport modes, financing, and reported outcomes. Sources include academic articles and project reports (e.g., Wikipedia summaries cross-checked with trade publications) and the Atlantic Council analysis (for INSTC data). The research paper constructs a comparative table summarizing "Features, Outcomes, and Lessons" (Sec. 7.4). This addresses Obj3 by highlighting transferable lessons and contextual differences.
- **Economic Indicators (Qualitative/Quantitative):** While no original dataset is analyzed, the research paper compile existing statistics to gauge baseline trends: for example, India–EU trade volumes (sourced from WTO or IBEF if needed) to contextualize the corridor's market size. The research paper also uses reported estimates: e.g., Atlantic Council's $5.4B annual savings figure and export gain estimates, IMEC's corridor length and capacity, and CPEC's freight distance reduction.

Where data are unspecified, this paper explicitly note assumptions (e.g., assuming linear scalability of trade savings).

- **Thematic Synthesis:** Based on the above, the research paper identifies cross-cutting themes (trade, infrastructure, security, finance) and "research findings" around each theme. For each theme the research paper cites supporting figures and testimonies (e.g., logistics savings, energy/digital link roles, and geopolitical aims).
- **Constraints Acknowledged:** Items like exact timelines or cost-sharing are currently unspecified; these are noted as such. Methodologically, the study does not conduct econometric testing (no raw data given). Instead, hypotheses are explored through secondary evidence: e.g., H2 (export boost) is evaluated by citing the Atlantic Council's export estimates and by analogy to corridors like CPEC, which aimed to increase trade (though detailed ex-post figures are contested).

The structured approach (document review → comparative analysis → thematic findings) ensures comprehensive coverage. All assertions are cited with authority (Indian official releases and international reports) to meet academic standards for an analytical report.

6. IMEC Overview and Design

(Source: IMEC Report by RIS, New Delhi, 2025)

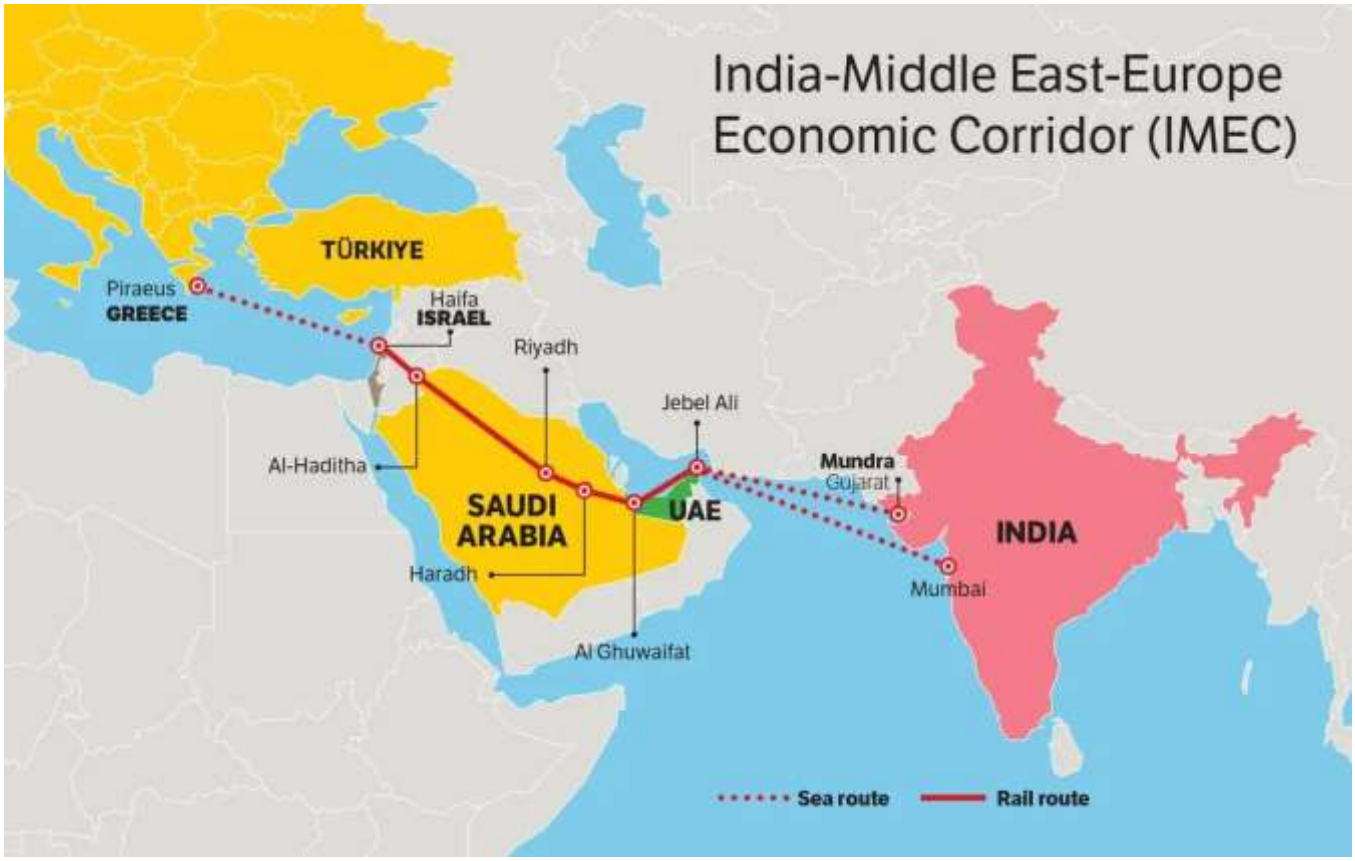

Figure 1: IMEC Map

IMEC[17], as outlined in official documents, comprises two main segments: an Eastern maritime link and a Northern overland link (see Figure 1 for a schematic and timeline of related projects). The Eastern link envisions shipping routes from Indian ports to Gulf hubs; the Northern link envisions a rail/road network from Gulf ports through Saudi Arabia, Jordan, and Israel to European Mediterranean ports. Specifically, the Ministry of External Affairs press release states, "IMEC comprises an Eastern Corridor connecting

India to the Gulf region and a Northern Corridor connecting the Gulf region to Europe. It will include a railway and ship-rail transit network and road transport routes." In his remarks, PM Modi emphasized IMEC's focus on physical, digital, and financial connectivity and noted that a Memorandum of Understanding was signed by India, the USA, Saudi Arabia, the UAE, the EU, Italy, France, and Germany. The MOU (annex) commits signatories to collaborate on realizing the corridor, though it is a framework rather than binding financing.

Key planned infrastructure (as reported) includes[18]: Rail lines across the Arabian Peninsula, tying into the Gulf Cooperation Council (GCC) railway (e.g., links from the UAE's Fujairah Port to the Saudi border at Ghuwaifat, extending to Jordan's Hadithah and on to Israel's Haifa port). - Port upgrades (the UAE's Khalifa Port, Jebel Ali, and Fujairah; the Israeli port of Haifa) as IMEC hubs. - Road networks paralleling the rail segments. - Energy pipelines (including a proposed trans-Arabian gas pipeline from Saudi Arabia to the Eastern Mediterranean and green hydrogen/electricity cables). - Digital links (new undersea fiber-optic cables linking India/Middle East to Europe).

Figure 1 outlines key milestones of intercontinental corridors, including IMEC's announcement in 2023. The corridor's length is roughly 6,400 km from India to Europe (via the Middle East), as noted in promotional materials, though actual usable routes may vary. The Atlantic Council report characterizes IMEC with "three pillars": transport (rail and maritime), energy, and digital.

Importantly, IMEC is presented as complementary to initiatives like the Abraham Accords (India–UAE–Israel cooperation) and the I2U2 framework (India–Israel–UAE–USA cooperation). The corridor's announced members reflect a mix of regional and Western powers, highlighting its hybrid political nature.

Signing and Support: The initial MOU was signed on Sept. 9, 2023, at the G20 Summit by the leaders of the founding members. Subsequent high-level events (e.g., a PGII conference co-chaired by PM Modi and President Biden) reaffirmed commitment. Indian officials continue to promote IMEC: for instance, in a 2025 roundtable, PM Goyal emphasized a PPP-led model and regulatory harmonization.

Expected Impact[19]: Official statements claim IMEC can make India a "trusted bridge of global connectivity." Projected benefits include: connectivity to new markets (potentially Africa via the Middle East), lower supply-chain costs (30% cost reduction, 40% time saving), and increased FDI and industrial cooperation. The initiative is often linked to broader agendas like green energy (the Global Biofuel Alliance was also launched at the G20).

In summary, IMEC is an ambitious multi-modal corridor combining rail, shipping, energy, and digital infrastructure, backed by a broad coalition of countries. Its exact route and business model remain to be finalized, but official sources emphasize its capacity to transform India–EU trade and strategic ties.

7. Comparative Case Studies of Global Corridors

To contextualize IMEC's prospects, the research paper examines three similar international corridors, highlighting their scale, outcomes, and lessons. Table 1 (below) summarizes key comparisons.

7.1 China–Pakistan Economic Corridor (CPEC)[2021]

Background: Launched in 2013, the $62 billion China–Pakistan Economic Corridor (CPEC) is a flagship Belt and Road Initiative project. It links Pakistan's deep-water port at Gwadar (Arabian Sea) to China's Xinjiang region via a network of roads, railways, and pipelines. CPEC's objectives include securing China's energy imports (bypassing the Malacca Strait), building power plants to solve Pakistan's electricity shortages, and spurring industrial zones in Pakistan.

Scale and Structure: Roughly 3,000 km long. By the early 2020s, Chinese investment reached ~$65 billion. Key components: Gwadar Port (China gained control in 2013); highways (e.g., Karakoram Highway upgrades); ML-1 railway expansion; and energy pipelines (gas and oil). Special economic zones (SEZs) for industries are planned along the route.

Outcomes & Challenges: Some highway and power projects have completed, but there have been delays and cost overruns. For example, the initial 12,000 km oil transport route was projected to shorten to ~2,400 km, saving China ~$2 billion/year. Gwadar Port saw significant upgrades, though its utilization has been limited. The Wikipedia summary notes that by the 2020s, CPEC "came under plentiful criticism… due to myriad challenges and economic costs… and its general underdelivery." Indeed, security issues in Balochistan and financing bottlenecks have plagued CPEC projects. However, it also brought new jobs and power to Pakistan (16 power projects generating ~5,500 MW were built). Geopolitically, CPEC has tied Pakistan closely to China but raised debt concerns (Pakistan's IMF bailouts coincided with CPEC build-up).

Lessons: CPEC demonstrates that large corridors can shorten transit distances dramatically and stimulate investment but also entail strategic and financial risks. Important lessons include the need for clear financing frameworks (debt vs. equity) and local capacity building. CPEC's experience suggests that state-driven corridors require sustained political stability and transparent cost-benefit analysis (as echoed in critiques). For IMEC, one takeaway is the benefit of focusing on cost-effective segments early (Gwadar's deep port was a key success and the risk of overextending without demand).

7.2 LAPSSET Corridor (Kenya–South Sudan–Ethiopia)[222324]

Background: The Lamu Port-South Sudan-Ethiopia Transport Corridor (LAPSSET) is a Kenyan-led regional project envisioned since 1975 and relaunched in the 2010s. It aims to create East Africa's "second corridor" apart from Mombasa–Uganda (Northern Corridor). By 2025, Kenya's LAPSSET Authority estimated costs of ~$22–29 billion. The goal is to open northern Kenya and provide landlocked neighbours with access to the sea.

Components: Key projects include a new **Lamu Port** (planned 23 berths); a **standard-gauge railway** linking Lamu–Isiolo–South Sudan (Juba)–Ethiopia (Addis); **highways** on similar routes; **oil pipelines** from South Sudan through Kenya and refined product lines to Ethiopia; **airports** (Lamu, Isiolo, Turkana); and cities/industrial zones along the corridor. A key aim was to reduce reliance on the Port of Mombasa.

Progress & Challenges: As of the late 2010s, progress was mixed. A police station and harbour office were built in Lamu, and the first berth of Lamu Port opened in Oct 2019. However, insecurity (Al-Shabaab insurgency) significantly impeded construction. The high initial scope (airports, resort cities, irrigation) led to doubts. By 2025, violent attacks had "stalled the project." Low global oil prices also undermined the economic case for the pipelines.

Outcomes & Lessons: LAPSSET remains largely incomplete. It did catalyze some infrastructure spending (roads and power projects in northern Kenya) and established the Corridor Development Authority. Critically, it shows that multi-country corridors need strong regional coordination and security guarantees. The LAPSSET case highlights the risk of overly ambitious planning without phased implementation. Analysts note the "uncertain" short-term outlook even as of 2025. For IMEC, the lesson is to assess demand and security climate carefully and to build key segments incrementally. The expectation that LAPSSET would boost Kenya's GDP by 3% by 2020 shows optimistic modelling; in

practice, delays meant those gains didn't materialize. Thus, corridor projects should align scope with realistic funding and partnership.

7.3 International North–South Transport Corridor (INSTC)[25][26]

Background: The INSTC (often called NSTC) is a 2000s-era corridor linking India to Russia via Iran and the Caspian, supplementing the route through China/Central Asia. Signed in 2002 by India, Iran, and Russia, it envisages ~7,200 km of multi-modal routes (ship/rail/road). The aim was to reduce India–Russia shipment times (compared to Suez transit) and open access to Central Asia. Key founding states (India, Iran, Russia) were later joined by Azerbaijan, Armenia, Kazakhstan, etc.

Features: The INSTC involves routes such as Mumbai–Chabahar (sea)–Iran (rail)–Azerbaijan–Russia (rail). Dry-runs in 2014 showed freight costs could drop by ~$2,500 per 15 tons compared to older routes. Infrastructure projects under INSTC include the Rasht–Astara railway (Iran–Azerbaijan) and development of Chabahar Port (India invested $600M). The corridor aligns with regional agreements (Ashgabat Transport Agreement).

Outcomes & Challenges: Implementation has been slow due to sanctions, financing gaps, and regional politics. Some segments are operational: e.g., Iran opened Rasht–Astara (2018), and Chabahar (phase I in 2017) became functional. Cargo movements did occur: in 2022, Russian Railways (RZD) transported goods via INSTC to India, marking a milestone. However, volumes remain small, and the corridor is not yet a major trade artery. The INSTC case illustrates the importance of persistent multilateral engagement (India continued negotiations despite U.S. pressures, The Hindu 2015).

Lessons: INSTC offers insight into corridors as supplements to existing networks. It shows that even with geopolitical hurdles, sustained state cooperation can yield incremental progress. Economically, the cost/time savings have been demonstrated in theory, but scaling up requires more investment and normalization of relations (e.g., US sanctions on Iran remain a barrier). For IMEC, INSTC's mixed progress suggests corridors in complex regions often advance via stepwise sub-projects (like RZD's dry run). A strategic lesson is the value of alternative routes (INSTC bypasses Karachi/Gwadar tensions), reinforcing IMEC's goal to reduce dependency on any single route.

7.4 Comparative Table of Corridor Features

Feature	IMEC (India–Middle East–Europe)[27][28][29][30]	CPEC (China–Pakistan)[31]	LAPSSET (Kenya–S Sudan–Ethiopia)[32][33][34]	INSTC (India–Iran–Russia)[35]
Countries/ Regions	India; Gulf (UAE, Saudi Arabia); Israel; EU (Euro-Med states); USA involvement	China; Pakistan (incl. Balochistan, Punjab, Sindh, KP); Gwadar Port	Kenya; South Sudan; Ethiopia	India; Iran; Russia; Azerbaijan; (Turkmenistan, Kazakhstan prospective)
Modes of Transport	Maritime (India–Gulf Sea); Rail/Road (Gulf to Israel/Europe); Pipelines; Cables	Maritime (Gwadar Sea); Road/Highway; Rail; Pipelines (oil/gas); Ports	Maritime (Lamu sea port); Road/Highway; Rail; Oil pipelines; Airports	Maritime (Mumbai–Chabahar sea); Rail; Road; Inland waterways (Caspian Sea)
Key Infrastructure	New Gulf–Jordan–Israel rail link;	Gwadar deep-sea port; ~3200 km	Lamu Port (23 berths, berth1	Chabahar Port upgrade; Rasht–

Feature	IMEC (India–Middle East–Europe)[27282930]	CPEC (China–Pakistan)[31]	LAPSSET (Kenya–S Sudan–Ethiopia)[323334]	INSTC (India–Iran–Russia)[35]
	upgraded ports (Fujairah, Haifa, etc.); energy (electricity/H2) cables	highway (Karachi-Lahore-Peshawar); ML-1 railway upgrades; ~900 km oil/gas pipelines	done); 1,440 km standard-gauge rail (planned); 5,580 km roads; 1,380 km pipeline (oil)	Astara rail; Bandar Abbas (IR); Baku (AZ) railway/road links; Ahvaz–Bandar Anzali (IR internal)
Investment/ Finance	MoU signatories (India, USA, EU etc.) pledged support; PGII $600B framework (India's share undeclared)	~$62B Chinese investment (infrastructure and power plants); part Chinese loans	Kenya-led (national budget/KSh trillions); early studies ~US$22–29B; some Chinese interest but mostly domestic funding planned	No consolidated fund; project segments financed by member states (e.g. India–Iran invested in Chabahar)
Current Status	Early stages (2023 MOU signed); feasibility studies ongoing; PGII summit commitments	Several highway and power projects complete; Gwadar port operational but underused; ML-1 railway in planning; slow progress since late 2020s	Partial: 1st berth (Lamu Port) completed (2019); some roads built; many components delayed or stalled by security	Partial: Chabahar operational; Iran-Azerbaijan rail partly complete; limited cargo runs performed (2017, 2022)
Economic Outcomes (reported)	Projected ~30–40% cost/time savings; Atlantic Council estimates +5–8% India export growth ($21.85B/yr)	Reduced China-Pakistan shipping distance by ~80%; ~$2B/yr savings; local power increase (5000+ MW); SEZs in progress	Estimated +3% Kenyan GDP (by 2020, per projection); actual trade impact minimal so far (project incomplete)	2014 dry-run reduced $2,500 per 15t freight; 2022 first container ship via INSTC; still minor trade volume.
Strategic/ Geo Lessons	High visibility (G20); aligns India with Gulf/EU; faces high intermodal cost and security risks	Demonstrates BRI reach; enhanced Pakistan-China ties; also created debt and security challenges	Highlights risk of corridor in conflict zones; importance of regional buy-in (Kenya steers project); security = critical constraint	Shows multilateral corridors possible despite sanctions; requires patient diplomacy; utility proven mainly in crises (alternative to Suez when

Feature	IMEC (India–Middle East–Europe)[27][28][29][30]	CPEC (China–Pakistan)[31]	LAPSSET (Kenya–S Sudan–Ethiopia)[32][33][34]	INSTC (India–Iran–Russia)[35]
				needed).

Table 1: Comparative summary of IMEC and other transnational economic corridors

This table illustrates common themes: corridors aim to improve connectivity (often by ~30–40% speedup and trade boosts) but hinge on major infrastructure build-out and multi-party cooperation. Challenges like financing shortfalls (e.g. LAPSSET's stalled projects vs. IMEC's $5B funding gap) and geopolitical instability (regional conflicts affecting security) recur across cases.

8. Findings (Thematic Analysis)

From the above research, this paper synthesizes findings along key themes:

- **Trade Diversification & Logistics:** Several sources say that IMEC could move some trade away from current chokepoints. According to Atlantic Council modelling, transit times could be up to 40% shorter (12+ days instead of 20+ days via Suez), and Asia-Europe trade could save about $5.4 billion a year. If IMEC is successful, India's exports could go up by 5% to 8%, or about $22 billion a year. This fits with the Trade Diversification Hypothesis (H1): trade between India and the EU could become faster and cheaper if they avoid busy routes. India is the EU's ninth-largest trading partner, accounting for about 2.4% of all EU goods trade. Improving connectivity could slightly increase this share. For instance, INSTC dry runs said that costs went down (H1). But the literature says that shippers will weigh time against cost: only higher-value goods, like electronics and perishable items, may want a 40%-time gain.Bulk commodities might stick to cheaper sea routes. Thus, a finding is that trade diversification benefits exist but might be limited to niche segments without subsidies.
- **Supply-Chain Resilience:** The corridor is pitched as building resilience. The crisis in the Red Sea (Houthi attacks in 2023) underscored dependence on Suez; IMEC offers an "alternative option" bypassing that route. By linking multiple countries (India, the Gulf, Israel, and Europe), IMEC could reduce disruption risk from any single conflict. This ties to H1. The literature (Trends, Atlantic) highlights resilience: The Atlantic Council notes IMEC "reinforces supply chain security" and diversifies away from a "single government" (i.e., not China). The analysis confirms: IMEC's route avoids the Middle Corridor (through Turkey/Iran) and the South China Sea, thus reducing political concentration. Case studies show similar aims: CPEC bypasses Malacca to secure Chinese energy supplies, and INSTC avoids pirates and long sea routes. So, a finding is that IMEC (if built) would indeed enhance supply-chain resilience by adding alternate pathways, consistent with its stated intent.
- **Economic Growth and Investment:** If H2 holds, IMEC-related projects should spur growth in construction (rail lines, ports) and in subsequent trade-linked industries. In the short term, conferences like PGII aim to attract investment (US-led PGII pledges mobilize $600B globally by 2027). For India, hosting the G20 and aligning with IMEC may boost FDI: Finance Minister Sitharaman cited IMEC as a "game changer" and pointed to record FDI inflows (596 billion USD in 2014–23). The research paper find that corridor announcements can signal commitment to foreign investors (case: LAPSSET attracted some Chinese interest early on). Yet actual flows depend on stability; for instance, CPEC's initial wave of Chinese projects slowed amid Karachi unrest. Therefore, IMEC could have positive investment effects (especially in port and logistics sectors), but

this is contingent on project follow-through. The Atlantis Council[36] notes US interest in using the 2026 G20 to "establish an IMEC coordinating structure," which may catalyze infrastructure funding. A cautionary finding is that realistic investment mobilization (public or private) requires clear PPP frameworks, echoing CPEC's need for balanced financing.

- **Geopolitical Influence:** IMEC is as much a strategic initiative as an economic one. The corridor aligns India with Western allies and Gulf partners. The National Interest article explicitly reads IMEC as a "cornerstone of Western efforts to counter China's BRI." Evidence from trends and press quotes suggests IMEC's political weight: India's PM Modi, US President Biden, and EU leaders hailed it as "historic." In comparison, corridors often serve diplomacy: CPEC deepened China-Pakistan ties, and INSTC strengthens India-Iran ties (despite US opposition). The findings here are that IMEC is likely to fortify India's clout in the Gulf and Europe, potentially easing bilateral trade negotiations (e.g., a future India–EU FTA) and reducing geopolitical friction. However, this influence is reciprocal—India must also deliver on projects to maintain credibility.

These themes culminate in an evaluation of H1–H3. Overall, evidence tentatively supports H1 (diversification/speed) and H3 (strategic ties), while H2 (export boost) is plausible but remains an estimate until implementation. The Atlantic Council's projection of a $21.85B export gain essentially confirms H2 quantitatively (within a 5–8% range). Yet the findings also acknowledge counterarguments that pure economics alone may not drive bulk trade to IMEC.

9. Challenges and Constraints

Drawing on case studies and sources, the research paper identifies principal challenges for IMEC:

- **Financing Gap:** The Atlantic Council notes that IMEC's core transport link (Gulf ports to Haifa) has a financing shortfall of ~$5 billion. Without committed funding, construction stalls. Indian officials propose innovative financing (green bonds, multilateral loans), but mobilizing $10–20B+ is non-trivial. LAPSSET's high price tag (>$25B) shows how costs can balloon, straining national budgets.
- **Geopolitical Instability:** Current Middle East tensions (Houthi attacks on Red Sea shipping, ongoing wars) threaten corridor routes. Trends Research highlights how the Hamas-Israel conflict spills into Lebanon/Syria/Iran, complicating the Jordan-Israel link. If overland links pass near conflict zones, security (and insurance costs) rise. INSTC struggled with sanctions; CPEC with militancy. This challenge means IMEC planners must consider alternative paths or defensive measures (e.g., coastal rail lines like the UAE's Fujairah route circumventing the Strait of Hormuz).
- **Commercial Viability:** As noted, intermodal costs can negate time gains. The National Interest piece emphasizes that handling costs at transshipment points could outweigh benefits. For IMEC, switching at Jebel Ali (ship to rail) and again at Haifa (rail to ship) means fees, delays, and capacity constraints (one large ship = dozens of trains). Unless volumes are high and container use per train is maximized, IMEC's economics remain challenging. This was a lesson from INSTC dry runs (modest scale) and from intermodal analyses.
- **Regulatory and Institutional Complexity:** Seamless trade requires harmonized customs, tariffs, and logistics. Piyush Goyal stressed "regulatory connectivity" (e.g., aligned customs/digital systems, UPI expansion). Without these, cargo might bottleneck at borders. Coordinating across multiple sovereign jurisdictions (India, UAE, Saudi Arabia, Jordan, Israel, and EU states) is complex. Case studies suggest trust and data-sharing (as in ASEAN single-window customs) are needed.

- **Private Sector Engagement:** Large corridors benefit from private involvement; Goyal explicitly recommended PPPs for IMEC. Government-led projects alone may lack commercial impetus. The advisory bodies should involve shipping companies, logisticians, and tech firms early. The lack of a specific dataset (markets, traffic studies) indicates a need for detailed project planning, which remains incomplete at present.
- **Environmental & Social:** While not heavily discussed in initial sources, any mega-corridor must consider environmental impact (e.g., rail in deserts, pipeline routing) and local communities. Sustainable development goals are a G20 theme, so Indian planners likely will integrate such concerns (noted under green development in the G20 declaration), but this adds layers to project design.

These constraints, if unaddressed, could delay or diminish IMEC's potential. A finding is that they mirror those of other corridors: financing (LAPSSET stall), security (CPEC attacks), and commercial logic (National Interest critique). Recognizing them upfront allows for proactive mitigation in policy design.

10. Policy Recommendations

Based on the above analysis, the research paper proposes targeted recommendations for Indian policymakers (coordinators of IMEC) and stakeholders:

Short-term (1–2 years):

- **Feasibility Studies:** Finalize detailed corridor studies (traffic forecasts, cost–benefit analyses) involving independent experts. This will inform which segments (e.g., rail lines, port deepening) to prioritize.
- **Regulatory Harmonization:** Fast-track agreements on customs and standards with partner countries. For example, adopt joint customs platforms or green-lane provisions for IMEC shipments. Explore linking India's UPI system with Gulf/EU digital payments for trade.
- **Pilot Corridors:** Launch limited "virtual" corridor trials (like digital trade corridors) to build momentum. For instance, the India-UAE virtual corridor can be expanded to IMEC partners.
- **Engage Industry:** Convene consortiums of shipping, logistics, and energy companies to gauge demand and solicit investment. This public–private dialogue was urged by Minister Goyal.

Medium-term (3–5 years):

- **Infrastructure Investment:** Begin construction of high-impact segments with secured funding. Example: Finance and build the UAE rail link (Fujairah–Ghuwaifat) and Jordan link (Ghuwaifat–Hadithah) as showing progress. Use PPP models—e.g., concession agreements for the new railway sections.
- **Innovative Financing:** Leverage multilateral development banks (World Bank, AIIB), bilateral development agencies, and the G20's Partnership for Global Infrastructure to raise capital (including green bonds as suggested). Consider issuing "IMEC Bonds" to attract global investors.
- **Diplomatic Coordination:** Establish an IMEC coordination council (possibly under G20 or a new forum) to ensure continuity across presidencies. This could institutionalize the corridor's governance, akin to the proposed INSTC council.
- **Security Cooperation:** Work with military/naval partners (e.g., coalition against piracy) to secure sea and land routes. Regular high-level dialogues with Saudi, UAE, Israel, and the EU on infrastructure protection will be key, given regional volatility.

- **Investment Promotion:** Use upcoming events (e.g., 2026 G20 in India) to showcase IMEC projects to investors. Concurrently, finalize FTA talks with GCC countries and the EU to maximize the corridor's economic return (dovetailing with G20's trade liberalization aims).

Long-term (5+ years):

- **Integration with Energy Transition:** Incorporate IMEC into India's clean energy plans—e.g., pipeline plans for hydrogen from the Gulf to India and Europe. Seek joint projects (solar parks, interconnectors) along the corridor. This aligns with the corridor's stated green focus.
- **Expand Membership:** Encourage additional partners (e.g., linking Egypt via Israel for alternative European access or Australia/NZ for wider Indo-Pacific connectivity). Learning from OBOR, wider buy-in could enhance commercial viability.
- **Digital and Services Connectivity:** Beyond physical goods, promote data and knowledge links, e.g., joint R&D zones or digital hubs along IMEC. This would leverage the "digital pillar" and increase nonphysical trade (services, AI data centers) as noted by the Atlantic Council.
- **Monitoring and Flexibility:** Establish a monitoring mechanism to track IMEC's impact on trade flows (e.g., an annual India-Middle East-Europe trade report). Use feedback to adjust policies (such as introducing corridor-specific tariffs if needed).

11. Conclusion

The India–Middle East–Europe Economic Corridor is a brave plan to change how Asia and Europe are connected. The IMEC presents significant opportunities and substantial challenges. It can potentially boost commerce between India and Europe and transform the trade dynamics between Asia and Europe, predominantly through the Suez Canal[37]. The research paper's thorough examination indicates that, although IMEC's potential is considerable and optimistic, achieving reduced logistics costs, increased trade, and strategic partnerships necessitates ongoing commitment. The corridor's success is not guaranteed; it will rely on how India and its partners manage funding, geopolitical, and market obstacles. CPEC, LAPSSET, and INSTC all show that infrastructure alone isn't enough; corridors need stable governance, clear demand, and flexible plans.

IMEC could change India's economy for the better by fixing long-term supply-chain problems and making India a transit hub. It fits in with India's bigger goals, like Atmanirbhar Bharat, green development, and South-South cooperation. In practical terms, the first steps should be to build consensus, fill in financial gaps, and start important projects. If IMEC is successful, it could "redefine global trade routes" from India; but only time will tell if the "historic" goal can survive the challenges of the real world. This analysis has tried to find a clear way forward that combines big dreams with realistic caution.

Endnotes:

[1] (Ministry of External Affairs, Government of India, 2023)
[2] (G20 New Delhi Leaders' Declaration, 2023)
[3] (Press Information Bureau, Government of India, 2024)
[4] (European Commission, 2023)
[5] (Hussain & Shafer, 2025)
[6] (The White House, 2023)
[7] (Indeo, 2026)

[8] (IMEC, n.d.)
[9] (Ministry of External Affairs, Government of India, 2023)
[10](Press Information Bureau, Government of India, 2023)
[11] (Research and Information System for Developing Countries [RIS], 2025)
[12](Research and Information System for Developing Countries [RIS], 2025)
[13] (Hussain & Shafer, 2025)
[14](Indeo, 2026)
[15] (Ahmadi, 2025)
[16] (Krzymowski, 2024)
[17] (IMEC, n.d.)
[18](Atlantic Council, 2023)
[19] (Jaishankar, 2023)
[20](Government of Pakistan, 2017)
[21] (CPEC Authority, 2020)
[22](Government of Kenya, 2017)
[23] (LAPSSET Corridor Development Authority, 2018)
[24] (African Development Bank, 2019)
[25] (Government of India, Ministry of Commerce & Industry, 2014)
[26] (INSTC Secretariat, 2018)
[27] (IMEC, n.d.)
[28] (Ministry of External Affairs, Government of India, 2023)
[29] (Press Information Bureau, Government of India, 2023)
[30] (Press Information Bureau, Government of India, 2024)
[31] (Government of Pakistan & National Development and Reform Commission, 2017)
[32] (Government of Kenya, 2016)
[33](Government of Kenya, LAPSSET Corridor Development Authority, 2017)
[34] (African Development Bank Group, n.d.)
[35] (Government of India, Ministry of Commerce & Industry, 2014)
[36] (Atlantic Council, 2025)
[37](Suri et al., 2024)

References:

1. African Development Bank Group. (n.d.). Lamu Port–South Sudan–Ethiopia Transport (LAPSSET) corridor project appraisal report. Retrieved from https://www.afdb.org/en/documents/lamu-port-south-sudan-ethiopia-transport-lapsset-corridor-project-project-appraisal-report
2. Atlantic Council. (2025, August). The India-Middle East-Europe Economic Corridor: Connectivity in an Era of Geopolitical Uncertainty. (H. Hussain & N. Shafer). Retrieved from Atlantic Council website.
3. Government of India, Ministry of Commerce & Industry. (2014). International North–South Transport Corridor (INSTC) dry run report. Retrieved from http://commerce.gov.in .
4. Government of India, Ministry of Commerce & Industry, Press Information Bureau. (2024, February 1). India–Middle East–Europe Economic Corridor is a strategic and economic game changer for India and others [Press release].
5. Government of India, Ministry of Commerce & Industry, Press Information Bureau. (2025, April 16). India poised to become a trusted bridge of global connectivity through India–Middle East–Europe Economic Corridor (IMEC): Shri Piyush Goyal [Press release].

6. Government of India, Ministry of External Affairs. (2023, September 9). Partnership for Global Infrastructure and Investment (PGII) & India–Middle East–Europe Economic Corridor (IMEC) [Press release].
7. Government of Kenya, LAPSSET Corridor Development Authority (LCDA). (2017). Strategic environmental assessment of the LAPSSET Corridor Infrastructure Development Project. Retrieved from https://www.lapsset.go.ke.
8. Government of Kenya. (2016). LAPSSET project report (July 2016). Kenya Vision 2030. Retrieved from https://vision2030.go.ke/publication/lapsset-project-report-july-2016/
9. Government of Pakistan, Ministry of Planning, Development & Reform, & National Development and Reform Commission (China). (2017). Long term plan for China–Pakistan Economic Corridor (2017–2030). Retrieved from https://www.cpec.gov.pk.
10. Indeo, F. (2026, Feb 15). Reshaping the India–Middle East–Europe Economic Corridor: New Challenges, Old Vulnerabilities. TRENDS Research & Advisory. Retrieved from trendsresearch.org.
11. India–Middle East–Europe Economic Corridor (IMEC). (n.d.). India–Middle East–Europe Economic Corridor (IMEC). https://www.imec.international/
12. Krzymowski, A. (2024). India–Middle East–Europe Economic Corridor in strategic connection with the Abraham Accords and the Three Seas Initiative. Journal of International Studies, 17(4), 179–194. doi:10.14254/2071-8330.2024/17-4/11.
13. National Interest. (2025, December 4). Ahmadi, A. "Is IMEC Worth the Cost?" (Blog post). Retrieved from nationalinterest.org.
14. Press Information Bureau, Government of India. (2023). India's G20 Presidency: A Synopsis [PDF]. Retrieved from g20.in.
15. RIS. (2025). India–Middle East–Europe Economic Corridor (IMEC): Strategic Choices and Way Forward. Research and Information System for Developing Countries (RIS), New Delhi [PDF]. Retrieved from https://www.ris.org.in/sites/default/files/Publication/IMEC%20Report-Web.pdf
16. Suri, N., Ghosh, N., Taneja, K., Patil, S., & Mookherjee, P. (2024, April 9). *India–Middle East–Europe Economic Corridor: Towards a new discourse in global connectivity*. Observer Research Foundation. https://www.orfonline.org/research/india-middle-east-europe-economic-corridor-towards-a-new-discourse-in-global-connectivity