

**INDIA - OMAN STRATEGIC COLLABORATION IN ICT, UPI,
DIGITAL FINANCE, BANKING & E - MUSEUMS**

VIKSIT MANAGEMENT CONSULTANCY



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INDIA - OMAN STRATEGIC COLLABORATION IN ICT, UPI, DIGITAL FINANCE, BANKING & E - MUSEUMS

1. INTRODUCTION

India and Oman share an enduring strategic partnership rooted in centuries of maritime trade, civilizational links, cultural harmony, and mutual geopolitical trust. In recent decades, the relationship has evolved from traditional cooperation to a forward looking, technology driven partnership. With a 700,000 strong Indian diaspora contributing significantly to Oman's economic and social landscape, the two nations enjoy a unique socio economic proximity that creates fertile ground for deep digital collaboration.

Today, the world is witnessing a decisive shift toward technology led governance, digital commerce, cashless economies, and knowledge based development. As emerging digital hubs in Asia and the Gulf, **India and Oman stand at a pivotal moment to integrate their digital economies** and co - create next generation systems that are secure, efficient, and citizen centric.

India has built a globally acclaimed **Digital Public Infrastructure (DPI) model**, powered by transformative platforms such as:

- **Unified Payments Interface (UPI)** – the world's most scalable and low cost real time payment system.
- **Aadhaar** – one of the largest biometric identity databases globally.
- **DigiLocker, e - Sign, CoWIN, FASTag, ONDC** – open, interoperable digital systems that have reshaped governance and innovation.

Oman, guided by **Oman Vision 2040**, has placed digital transformation at the heart of national development. With strong commitments in:

- **Advanced ICT modernisation**
- **FinTech regulatory acceleration** and digital payments
- Cloud infrastructure, cybersecurity, and digital identity
- Modernising banking systems

- National efforts to preserve heritage through e - **museums** and immersive cultural technology

Oman is positioning itself as a digitally resilient, globally connected economy.

Together, India and Oman can pioneer a **dual region digital alliance** that leverages India's technological capabilities and Oman's strategic Gulf positioning. This collaboration can accelerate financial inclusion, strengthen digital sovereignty, modernise payment interoperability, and build world class digital heritage ecosystems.

This white paper outlines a comprehensive strategy for enhancing cooperation across **ICT systems, UPI enabled payment ecosystems, digital finance and banking, cultural digitisation, and e - museum infrastructure**. It aims to present actionable frameworks that support innovation, job creation, cross - border investment, and inclusive growth while enabling both countries to play leading roles in the emerging global digital architecture.

2. ICT & DIGITAL SECTOR OVERVIEW

2.1 India's ICT Strengths

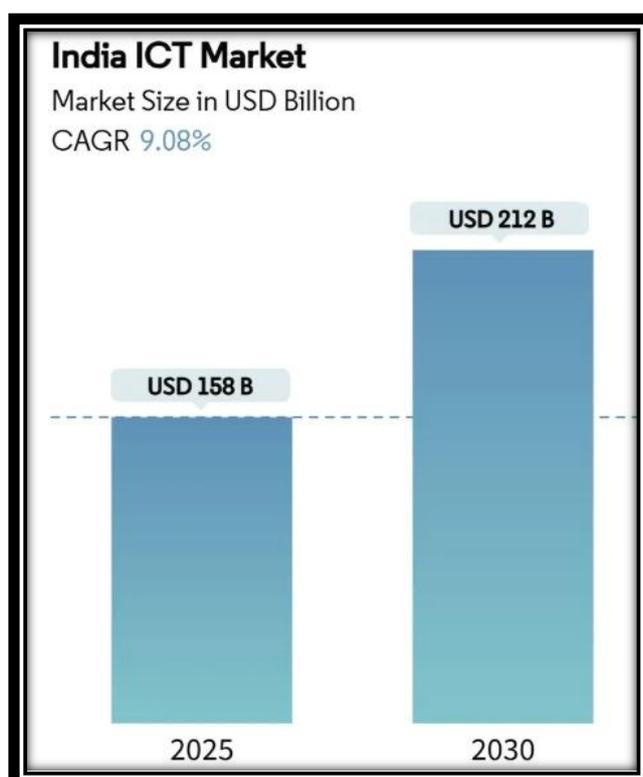
India has established itself as a global powerhouse in ICT, contributing over **USD 250 + billion** to the economy and serving as a backbone for global digital operations. With a vast talent pool, robust innovation ecosystem, and strong government industry collaboration, India is at the forefront of creating scalable, secure, and cost effective technology solutions.

Key strengths include:

- **Largest IT & ITES Workforce:** India hosts millions of engineers and ICT professionals, powering global operations, development centres, and research hubs.
- **Global Digital Expertise:**
 - **Cloud Computing & Data Centres:** Rapid expansion of hyperscale data centres supported by low cost operations and strong energy policies.
 - **Cybersecurity:** Advanced threat intelligence systems and SOC (Security Operations Centre) capabilities deployed across government and enterprise sectors.

- **AI/ML & Blockchain:** Strong research ecosystem with applications in healthcare, finance, logistics, governance, and predictive analytics.
 - **FinTech & Banking Technology:** India's fintech market is among the fastest growing globally, driving innovations in payments, lending, regtech, and digital credit.
 - **Digital Public Infrastructure (DPI):** Platforms such as **UPI, Aadhaar, DigiLocker, FASTag, e - Sign, CoWIN, and ONDC** demonstrate India's ability to build massive, open, and interoperable systems adopted globally.
- **Global Software Footprint:** Indian companies serve clients in **10 + countries**, delivering enterprise solutions, consulting, cybersecurity, AI integration, cloud management, and digital transformation.
 - **Home to Trusted Global Firms:**
TCS, Infosys, Wipro, Tech Mahindra, HCL and a growing startup ecosystem provide end - to - end ICT solutions to governments, Fortune 500 companies, and global institutions.

India's leadership in scalable DPI, low - cost digital innovation, and mature IT services make it an ideal technology partner for Oman's national digital transformation agenda.



2.2 Oman's ICT Landscape

Oman is undergoing a rapid digital transformation aligned with **Oman Vision 2040**, which places technology, innovation, and digital governance at the core of national development. The Sultanate's focus on diversification, digital sovereignty, and public sector modernization is accelerating demand for ICT solutions across government and industry.

Key features of Oman's digital ecosystem include:

- **National Digital Transformation Drive:**

Deployment of e - government services, paperless governance, digital identity systems, and integrated service portals to improve efficiency, transparency, and citizen experience.

- **Cloud Infrastructure & Cybersecurity Frameworks:**

Oman is establishing national cloud frameworks, cybersecurity policies, and secure data governance systems to enhance digital resilience and protect critical infrastructure.

- **Rising Demand for Emerging Technologies:**

Growing requirements for:

- Data centres & cloud platforms
- Fintech systems & digital banking tools
- AI - powered services, automation, & analytics
- E - mobility solutions & smart city infrastructure

- **FinTech & Digital Payments Push:**

Strong regulatory support from the **Central Bank of Oman (CBO)** for cashless payments, open banking, interoperable digital wallets, and real - time transactions.

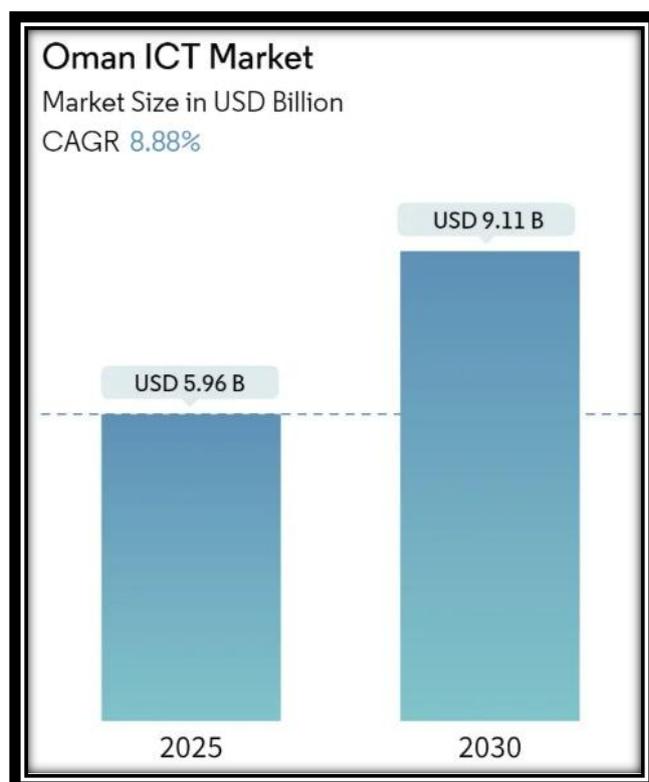
- **Cultural Digitisation & E-Heritage:**

Oman is investing in e - museums, virtual archives, 3D heritage preservation, and immersive tourism experiences, creating new avenues for collaboration with Indian tech companies.

- **Skills & Workforce Development Need:**

Large demand - supply gaps in digital skills - AI, cloud, cybersecurity, coding creating opportunities for joint training, capacity - building, and academic partnerships.

Oman's forward looking digital priorities, combined with India's proven ICT capabilities, create a strong foundation for a **complementary, future ready digital partnership**.



3. DIGITAL FINANCE, UPI & BANKING SECTOR SNAPSHOT

3.1 India's Digital Finance & Banking Landscape

India has emerged as one of the world's most dynamic digital finance ecosystems, driven by rapid technology adoption, progressive regulation, and the success of its Digital Public Infrastructure (DPI). The financial sector has undergone a structural transformation from cash heavy systems to real time, low cost, interoperable digital payments accessible to all.

Key strengths include:

- **UPI - A Global Benchmark in Digital Payments:**

India's Unified Payments Interface (UPI) has revolutionized real - time transactions with **12+ billion monthly payments**, making it the world's most widely used instant payments system. Its low cost, API driven architecture has enabled international linkages with countries across Asia, the Middle East, and Europe.

- **FinTech Regulation & Innovation Sandbox:**

The Reserve Bank of India (RBI) operates regulatory sandboxes for **digital payments, blockchain applications, cross border transactions, fraud analytics, and cybersecurity**, enabling safe, evidence based financial innovation.

- **India Stack Goes Global:**

Components of the India Stack - Aadhaar, e - KYC, DigiLocker, e - Sign, and UPI are being adopted or adapted by **10+ countries**, strengthening India's role as a leader in digital governance models.

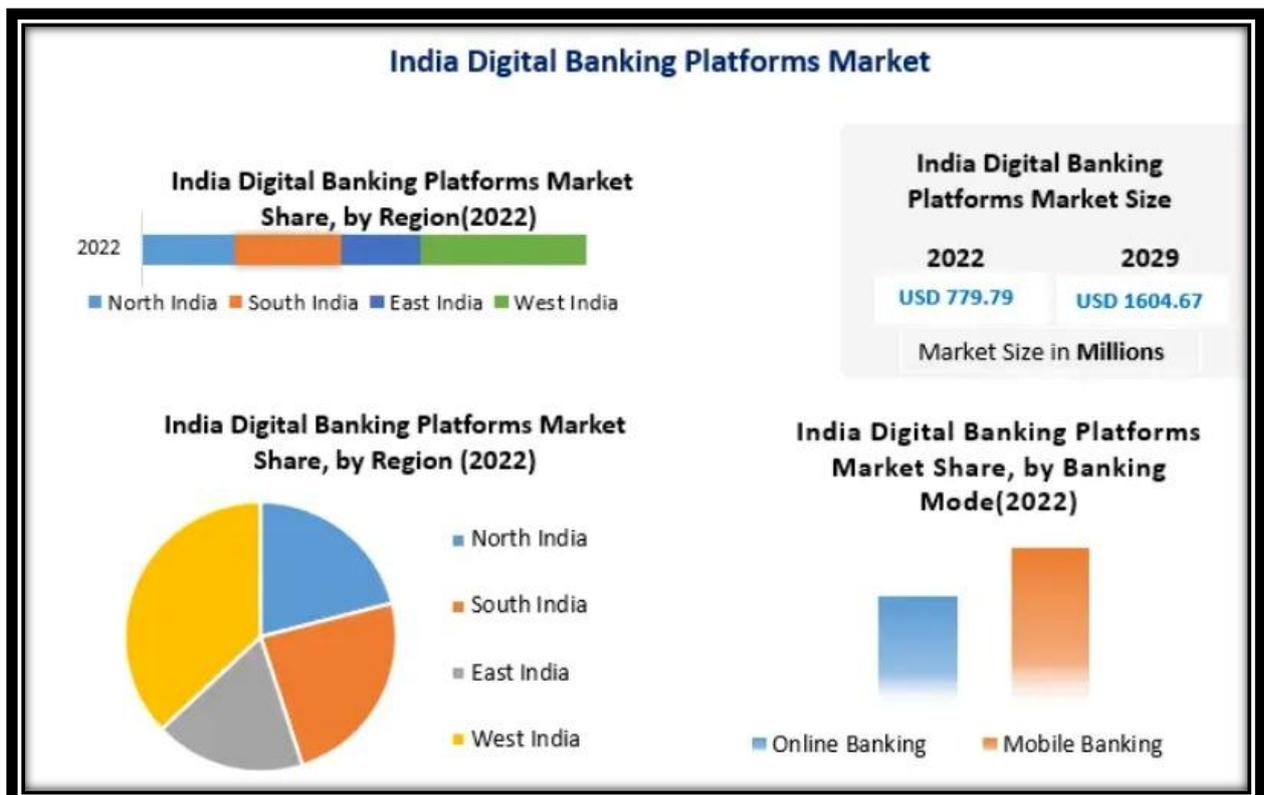
- **Vibrant Public - Private FinTech Ecosystem:**

India's fintech landscape is powered by over 3,000 startups, major banks, and global technology firms collaborating on payments, lending, regtech, insuretech, digital credit, and wealth management.

- **A Rapidly Expanding Market:**

India is projected to reach a **USD 150 + billion FinTech valuation by 2027**, driven by digital payments, financial inclusion, and youth led adoption.

India's experience in scaling low cost, secure, and open financial systems positions it as a strong partner for Oman's digital banking and payments modernisation.



3.2 Oman's Digital Finance & Banking Landscape

Oman is making significant strides in transforming its financial ecosystem in alignment with **Oman Vision 2040**. With a young, tech savvy population and high mobile penetration, the Sultanate is accelerating adoption of instant payments, digital wallets, and open banking frameworks.

Key features include:

- **High Digital Readiness:**

With **95% smartphone penetration**, Oman has one of the most digitally connected populations in the GCC, enabling fast uptake of e - payments, mobile banking, and fintech services.

- **Rapid Growth in Digital Payments:**

The transition from cash to digital is accelerating through QR based payments, mobile wallets, contactless cards, and e - commerce platforms.

- **Strong Central Bank Leadership:**

The **Central Bank of Oman (CBO)** is driving:

- Instant payment rails
- **Open banking** frameworks
- FinTech licensing
- Digital onboarding (e - KYC)
- Enhanced cybersecurity and fraud monitoring

- **Expanding Financial Services Portfolio:**

Growth areas include:

- **Islamic finance** products
- **SME finance** and credit access
- **Remittances**, especially with India
- **Cross - border payments** aligned with GCC - Asia corridors

- **Need for Interoperable & Secure Digital Identity:**

As Oman scales digital financial services, there is a growing need for:

- Trusted digital identity frameworks
- Interoperable payment systems
- Advanced cybersecurity solutions

Oman's financial digitisation journey aligns strongly with India's strengths in UPI integration, fintech regulation, digital identity, and secure cross border remittances creating a powerful opportunity for bilateral cooperation.

4. DIGITAL CULTURE & E – MUSEUMS

4.1 India's Capabilities in Digital Heritage & Cultural Technologies

India has emerged as a global leader in the digitisation of cultural heritage, leveraging advanced technologies to preserve, document, and showcase its vast civilizational richness. With robust institutional expertise and cutting edge innovation, India's cultural tech ecosystem offers scalable solutions ideal for Oman's heritage ambitions.

Key strengths include:

- **Advanced Digital Heritage Leadership:**
 - **3D Scanning & Digital Preservation by ASI:** The Archaeological Survey of India (ASI) has pioneered 3D scanning of monuments, photogrammetry, and digital reconstruction of heritage sites.
 - **National Digital Library (NDLI):** A comprehensive platform integrating millions of digital books, manuscripts, archives, and research materials.
 - **Virtual Museums Ecosystem:**
 - National Museum of India
 - National Gallery of Modern Art (NGMA)
 - Rail Museum
 - Tribal, Defence, and Science MuseumsThese virtual museums incorporate interactive interfaces, multimedia storytelling, and immersive digital tours.

- **AR/VR Innovations:** Increasing use of augmented reality, virtual reality, and holographic displays to enhance cultural tourism and education.

- **Strong Digital Storytelling & Creative Industries:**

India hosts one of the world's largest animation, gaming, and visual effects (VFX) sectors, enabling:

- High quality digital re creations
- Historical simulations
- Educational VR content
- Gamified heritage experiences

India's capabilities make it a natural partner for Oman's efforts to modernise heritage tourism and build world class digital museums.

4.2 Oman's Needs & Opportunities in Digital Culture

Oman possesses a rich civilisational legacy marked by frankincense culture, maritime trade networks, forts, ancient settlements, and archaeological discoveries. With rising global demand for immersive cultural tourism, Oman has the potential to become a digital heritage hub of the Middle East.

Key opportunity areas include:

- **Digital Archives & National Heritage Databases:**

Systematic digitisation of manuscripts, artefacts, maritime maps, archaeological findings, and oral histories to ensure long-term preservation.

- **AR-Based Museums & Experiential Storytelling:**

Forts, museums, heritage villages, and archaeological parks can integrate AR layers offering historical narratives, interactive guides, and multi-language experiences.

- **Virtual Maritime History Experiences:**

Oman's legendary Indian Ocean seafaring tradition offers immense potential for:

- VR voyages
- Interactive maritime trade simulations
- Digital reconstructions of shipbuilding, trade routes, and ports
- Immersive educational content for students and tourists

- **Heritage Tourism Modernisation:**

With tourism emerging as a national priority, Oman can deploy digital tools to enhance visitor engagement, improve museum footfall, and attract young global audiences.

Oman's ambition to position itself as a cultural and tourism leader aligns strongly with India's proven digital heritage expertise.

5. RECOMMENDATIONS

1. India - Oman UPI Integration & Cross - Border Payments Corridor

What it is:

A bilateral framework enabling **UPI - based transactions** in Oman, allowing Indian tourists, residents, businesses, and SMEs to pay using UPI apps (PhonePe, GPay, Paytm), while enabling Omani wallets to connect to UPI rails.

How it works:

- **NPCI International** partners with the **Central Bank of Oman (CBO)**.
- Merchants in tourism, retail, hospitality, hospitals, and transport are onboarded with **UPI QR codes**.
- Real-time corridor for **low cost remittances** using UPI - UPI or UPI - bank links.
- Omani fintech firms integrate via APIs to enable interoperability.

Impact:

- Seamless cashless experience for **700,000+ Indian residents**.
- Remittances become **cheaper, faster, and more transparent**.
- Tourism revenue increases as India becomes one of Oman's top inbound markets.
- Supports SME payments, expatriate businesses, and formalisation.

2. Indo - Oman Digital Public Infrastructure (DPI) Partnership

What it is:

Deploy and customise India's highly successful DPI components **digital identity, DigiLocker, e - KYC, e - Sign** for Oman's national digitisation drive.

How it works:

- India provides **technical consulting, standards, and APIs.**
- Oman builds a national digital document layer covering:
 - education certificates
 - health card records
 - tenancy and land titles
 - licenses and permits
- Joint capacity building for Omani civil servants.

Impact:

- Cuts bureaucratic delays and reduces paperwork.
- Enables trusted digital identity for fintech and banking.
- Accelerates Vision 2040 governance and service reform.

3. Oman - India FinTech Innovation Zone (Muscat)

What it is:

A dedicated innovation zone hosting fintech startups focused on **payments, regtech, Islamic finance tech, remittances, insurtech, compliance AI,** and digital KYC.

How it works:

- Partnerships with Indian leaders: **TCS, Infosys, Tech Mahindra, NPCI, Razorpay, PhonePe.**
- A regulatory sandbox supervised by CBO.
- A joint Indo - Oman **FinTech Investment Fund** to support early stage ventures.

Impact:

- Positions Oman as a **GCC fintech innovation hub.**

- Creates export opportunities for Indian fintech firms.
- Supports Oman's SMEs, banks, and youth entrepreneurship ecosystem.

4. Indo - Oman Digital Banking Modernisation Program

What it is:

A comprehensive upgrade of Oman's banking sector using India's digital banking expertise and BFSI technology.

How it works:

- Indian IT firms implement:
 - core banking modernization
 - AI based fraud detection
 - API based open banking layers
 - digital Islamic finance platforms
 - customer analytics dashboards
- Capacity building for Omani bankers and regulators.

Impact:

- Better customer experience and service efficiency.
- Stronger fraud prevention and cybersecurity.
- Lower operational costs and improved financial inclusion.

5. India - Oman Cybersecurity & Digital Resilience Centre

What it is:

A joint centre dedicated to **cyber defence, threat intelligence, digital forensics, and cyber skilling** for government and financial institutions.

How it works:

- Collaboration between **CERT - In (India)** and Oman's Cyber Defence structures.
- AI driven labs for real time threat detection.

- Cybersecurity academy offering certifications in SOC, cloud security, and secure coding.

Impact:

- Elevated national digital security and cyber readiness.
- Strong protection for banking, payments, and government systems.
- Supports Oman's digital sovereignty and incident response capabilities.

6. Indo - Oman Data Centre & Cloud Infrastructure Park

What it is:

A cluster of Tier 3/4 data centres located in **Duqm or Sohar**, serving e - government, fintech, AI, and enterprise workloads.

How it works:

- Indian cloud providers and IT firms design and operate the facility.
- Oman provides renewable energy, land, tax incentives, and regulatory support.
- Attracts regional companies to host services locally.

Impact:

- Establishes Oman as a regional **cloud and hosting hub**.
- Supports national digital services and data localisation.
- Generates high skill employment in ICT and operations.

7. India - Oman Virtual Heritage & e - Museum Collaboration

What it is:

Co - develop digital museums that bring alive India - Oman's shared heritage through immersive technology.

What it includes:

- 3D scanning of artefacts
- AR/VR experiences of forts, maritime trade routes, frankincense trails
- Virtual gallery of Indian heritage in Muscat
- Oman - India maritime history digital museum

How it works:

- Indian AR/VR studios collaborate with Oman's Ministry of Heritage & Tourism.
- Exchange programs between cultural institutions and museums.

Impact:

- Modernises Oman's tourism economy.
- Creates unique attractions for global visitors.
- Deepens cultural diplomacy and youth cultural engagement.

8. India - Oman Digital Skills & ICT Academy

What it is:

A cross border education and skilling program focusing on digital technologies.

How it works:

- Joint academies by IITs, IIITs, NITs with Omani universities.
- Courses in AI, cloud, cybersecurity, fintech, data science, animation, and AR/VR.
- Apprenticeships and internships with Indian tech companies.

Impact:

- Reduces Oman's digital skills gap.
- Builds a workforce ready for ICT and fintech sectors.
- Helps Indian IT firms create a talent pipeline in GCC.

9. Cross Border SME Digitalisation & E - commerce Facilitation Program

What it is:

A digital marketplace enabling Indo - Omani SMEs to sell, export, and collaborate using an ONDC like architecture.

How it works:

- Shared logistics APIs linking ports, warehousing, delivery partners.
- Payments integrated through UPI Oman corridor.
- Onboarding programs for SMEs in crafts, food products, machinery, and services.

Impact:

- Expands SME exports and cross - border B2B engagement.
- Boosts Omani entrepreneurial ecosystem.
- Integrates MSMEs into global digital trade networks.

10. Indo - Oman Blockchain Infrastructure for Trade, Customs & Banking

What it is:

A blockchain network for improving transparency, security, and efficiency in trade and finance.

Use cases:

- Digitised import - export documentation
- Blockchain - based Letters of Credit (LCs)
- Anti - fraud banking systems
- Mineral supply chain tracking (optional sector)

How it works:

- Indian blockchain companies design pilot solutions.
- Integrated with ports (Duqm, Sohar), customs, shipping lines, and banks.
- API-ready modules for regulatory oversight.

Impact:

- Faster clearance at ports and customs.
- Reduced fraud and improved supply-chain transparency.
- Enhanced trust in bilateral trade and financial transactions.

11. India - Oman AI for Public Services Mission**What it is:**

A bilateral initiative to deploy Artificial Intelligence solutions across Oman's priority public sectors healthcare, education, transport, agriculture, and urban governance using India's AI expertise.

How it works:

- India's NIC, IIT AI labs, and private firms co - develop AI models for Oman's ministries.
- Applications include:
 - AI - driven hospital queue management
 - Predictive policing & emergency response
 - Smart traffic lights for Muscat congestion
 - Crop prediction models for Dhofar farms
- Joint AI policy taskforce for ethical, inclusive deployment.

Impact:

Improved government efficiency, better service delivery, reduced decision making costs, and positioning Oman as a regional leader in AI enabled governance.

12. GCC India Digital Remittance & Wage Protection Bridge**What it is:**

A secure digital platform linking Omani employers, banks, and India's UPI ecosystem to ensure transparent salary transfers and low cost remittances for Indian migrant workers.

How it works:

- Integration of Oman's Wage Protection System (WPS) with Indian bank accounts.
- Real - time, traceable salary disbursal linked to UPI accounts.
- A migrant worker digital profile with e - KYC, employment contract, and payment records.

Impact:

Protects worker rights, reduces remittance fees dramatically, and creates a modern labour - mobility infrastructure between India and Oman.

13. Indo - Oman Digital Tourism & Smart Destination Platform**What it is:**

A single digital gateway combining tourist visa, hotel bookings, cultural guides, AR navigation, and digital passes for major Omani attractions.

How it works:

- India builds the integrated platform with multilingual support.
- Oman uploads museums, forts, wadis, events, and heritage routes.
- Smart QR "cultural trails" installed at heritage sites offering AR stories and interactive maps.

Impact:

Transforms Oman into a digitally intelligent tourism destination, increasing tourist engagement, footfall, and global visibility.

14. India - Oman Start up Exchange & Innovation Visa Program**What it is:**

A structured mobility program enabling start - ups, investors, and innovators to work across both countries.

How it works:

- Innovation visas valid for 6 - 12 months.
- Start up exchange cohorts for tech, fintech, culture tech, and health tech.
- Joint incubators in Muscat and Bengaluru funded by both governments.

Impact:

Accelerates Oman's startup ecosystem, gives Indian start ups access to GCC markets, and fosters bilateral entrepreneurship.

15. Indo - Oman Smart Ports & Maritime Digitisation Initiative**What it is:**

A port modernisation program using Indian maritime IT systems to digitise Sohar, Duqm, and Salalah ports.

How it works:

- Installation of IoT sensors for real time container tracking.
- Digital twins for port operations.
- Automated customs using blockchain and AI based cargo scanning.
- Integration with Indian ports for a seamless shipping corridor.

Impact:

Reduces port delays, boosts trade efficiency, strengthens Oman's position as a logistics hub, and enhances India - GCC maritime connectivity.

16. Joint India - Oman Digital Health Mission (Telemedicine + Health Data Exchange)**What it is:**

A cross - border health digitisation program enabling telemedicine, electronic health records (EHR), and medical expertise exchange.

How it works:

- Adapt e - Sanjeevani telemedicine for Oman's hospitals.
- Share anonymised health data for research.
- Cross - border speciality consultations for cardiology, oncology, and maternal health.
- Training for Omani health workers by Indian hospitals.

Impact:

Improves healthcare access in remote Omani regions, reduces wait times, and strengthens medical cooperation.

17. India - Oman Satellite Ground Station & Space Data Sharing Hub**What it is:**

A joint ground station to process satellite data for maritime surveillance, weather prediction, disaster management, and environmental monitoring.

How it works:

- ISRO collaborates with Oman's Space Authority.
- Real-time coastal monitoring for piracy, illegal fishing, and storm alerts.
- Satellite imagery for agriculture mapping in Dhofar and Al Batinah.
- Training Omani youth in satellite operations and GIS.

Impact:

Enhances national security, improves climate resilience, and builds Oman's capacity in space technologies.

18. India - Oman Cyber Law, Data Protection & Digital Governance Exchange**What it is:**

A structured regulatory cooperation framework for harmonising policies on digital privacy, cyber laws, fintech regulation, and AI governance.

How it works:

- India's MeitY and Oman's MTCIT conduct annual digital policy dialogues.
- Exchange of best practices on data protection and cybersecurity frameworks.
- Joint regulatory sandboxes for fintech & AI pilots.

Impact:

Creates legal clarity for investors, boosts confidence in digital trade, and strengthens the regulatory backbone of the digital economy.

19. Indo - Oman Green Data & Sustainable ICT Infrastructure Initiative

What it is:

A partnership to develop environmentally sustainable digital infrastructure powered by Oman's renewable energy potential.

How it works:

- Solar - powered data centres using Indian energy efficient cooling systems.
- Green ICT certification program for government and private companies.
- Collaborative R&D on low carbon computing technologies.

Impact:

Positions Oman as a **green digital hub** for the Middle East, reduces ICT carbon footprint, and supports climate commitments.

20. India - Oman Digital Youth Exchange & Coding for Future Program

What it is:

A youth focused initiative promoting coding, robotics, cybersecurity, AI, AR/VR, and digital arts between students of both nations.

How it works:

- IITs run bootcamps for Omani youth.
- Annual Indo - Oman Hackathon and Robotics Olympiad.
- Scholarships for Omani students in Indian tech institutes.
- Joint AR/VR creation labs for cultural storytelling.

Impact:

Develops a future ready digital generation, strengthens people to people ties, and aligns with Oman's goal of building a knowledge based society.

6. PROJECTED BENEFITS**Projected Benefits for Oman**

Oman stands to gain significantly from a strategic digital partnership with India, particularly in its pursuit of Vision 2040 objectives. By integrating Indian expertise in digital public infrastructure, UPI based payments, cybersecurity, cloud systems, and AI driven governance, Oman can accelerate its transition into a modern, efficient, and knowledge based economy. UPI integration and fintech collaboration will lower transaction costs, strengthen remittance flows, and modernise the financial ecosystem. India's capabilities in e-governance, digital identity, and e - KYC will drastically improve administrative efficiency and enhance service delivery to citizens. Establishing data centres, AI research labs, and cybersecurity hubs in Oman will generate high value employment for youth and position the country as a Gulf technology hub. In the cultural domain, collaboration on e - museums, virtual heritage, and digital archives will elevate Oman's global tourism profile and strengthen its identity as a civilisational centre of the Arabian Peninsula. Overall, Oman will experience improved economic diversification, digital sovereignty, increased foreign investments, enhanced public sector efficiency, and stronger regional competitiveness.

Projected Benefits for India

For India, the deepening of digital and cultural cooperation with Oman offers strategic, economic, and geopolitical advantages. Enhanced UPI - linked remittance corridors and digital

banking cooperation will reinforce India's role as a global fintech exporter and expand the international footprint of India Stack. Large scale ICT projects data centres, AI labs, fintech innovation zones, smart port digitization create new markets for Indian IT giants and startups, generating export revenues and strengthening India's reputation as a provider of secure, scalable digital solutions. Collaboration in space, maritime technology, and AI enables Indian institutions such as ISRO, IITs, and NIC to lead cross border research and expand GCC partnerships. The 700,000 strong Indian diaspora in Oman benefits from better financial access, digital documentation, and welfare protections, enhancing India's soft power and labour mobility advantages. Cultural collaboration including digital museums, heritage projects, and creative industries expands India's cultural diplomacy footprint in the Gulf. Ultimately, India gains expanded market access, strengthened geopolitical ties with the GCC, and enhanced global leadership in digital public infrastructure and emerging technologies.

7. CONCLUSION

India and Oman stand at a pivotal moment in their long standing partnership, where shared economic priorities and complementary strengths can be harnessed to build a resilient, future ready digital alliance. As Oman advances its Vision 2040 aspirations, and India continues to lead globally in Digital Public Infrastructure, fintech innovation, ICT services, and cultural technologies, both nations have a unique opportunity to co-create a model of South - West Asian digital cooperation that is scalable, inclusive, and globally influential.

The proposed collaborations ranging from UPI - enabled cross border payments, data centres, cybersecurity, AI - driven public services, and digital banking modernisation to e - museums, heritage digitisation, space data hubs, and youth-focused capacity - building are not just technological projects but strategic investments in economic diversification, human capital development, and long term diplomatic synergy. These initiatives will enhance financial inclusion, strengthen digital sovereignty, deepen cultural exchange, and create new pathways for innovation, talent mobility, and job creation across both nations.

At its core, this white paper affirms that India and Oman are not merely cooperating but co - building a shared digital future. A future where governance is smarter, trade is frictionless, culture is immersive, and societies are empowered through technology. By leveraging their mutual trust, geographic connectivity, and forward looking leadership, India and Oman can

together shape a regional digital architecture that sets benchmarks for openness, interoperability, and sustainable development.

As the world transitions towards a digitally integrated global economy, the India - Oman partnership offers a powerful template for how nations can collaborate with purpose, innovate with ambition, and create prosperity for their people. The path ahead is one of opportunity and both nations are well positioned to walk it together.