



Vision 2031 International Conference



Infrastructure for Growth and Modernisation - Vision 2031

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Kerala as a Multimodal Growth Engine

- **Building a Multi-Modal, Resilient & Sustainable Global-Scale Logistics Ecosystem**
 - Seamless integration: International Port: Coastal – Rail – Road – Air – Inland Waterways
 - Competitive logistics cost
 - Increased Reliability
 - Increased competitiveness
- **Seamless Multimodal Transport = Economic Growth + Global Competitiveness**
 - Sustainability as a core design principle
 - Infrastructure As Economic Transformation

Geography + Human Capital + Governance = **Kerala Advantage**

Role Models

Global Models of Seamless Integration



Frankfurt Airport - Connectivity Integration

- Air + Intercity Rail + Local Rail + Bus + Taxi
- 5-minute-walk transfers

EU Inland Waterways Model



Basel Trimodal Hub - Gantry Crane

- Road + Rail + River Barge + Terminal
- Cross-border coordination

Integration Is Designed, Not Accidental



Rail-water-road harmonisation - Unified customs systems - Digital tracking



= Pharma cargo efficiency



Strategic Considerations For Kerala

(2026–2031-2036)

Policy Recommendations

1. Growth-Oriented PPP Models Ten Years Ahead

of Requirements

a. Not Land Monetisation

b. Not Revenue Share

2. Ports & MMLPS As True Multimodal Hubs

a. Not Real Estate Assets

b. Competition Enabled

Structural Recommendations

1. Port-Led - Clusters Driven

a. Rail + Coastal + IWT

b. Hinterland + Transshipment

2. Self-Regulation Frameworks

a. Seamless Secondary Logistics Hubs

b. Logistics Cost Study - Kerala-Specific

A Perspective

Seamless Multimodal Transport in India

Railways in Multimodal Transport

- Significance of railways as a crucial component of multimodal transport
 - Add Coastal Shipping
 - Also Inland Waterways
- Railways as a cost-effective and environmentally friendly mode of transportation
- Examples of successful integration of railways in global logistics networks
- Potential Areas - Explored but Unsustainable

Legal Infrastructure

Self-Regulation in the Logistics Sector

- Introduction to the concept of self-regulation by associations in the logistics sector
- Importance of industry-led initiatives for ensuring efficiency and ethical practices
- Role of Associations in setting standards and guidelines for members
 - Dispute Resolution - GRF
 - Micro Management
 - Focus
 - Faster Response to Changes

5, 10, and 15-Year Roadmap

2026–2031: Integration Phase

- Complete connectivity projects
- Vizhinjam - Global Scale
- Strengthen multimodal parks
- Improve port-rail-road linkage
 - NH-66 must unlock corridor efficiency.

2031–2036: Innovation Phase

- Green logistics corridors
- 100% AI-enabled cargo systems
- ESG-Driven Economic Growth
- Increased coastal & rail freight share

KERALA : 2036-2041:

GLOBAL LEADERSHIP PHASE



South Asia's leading
transshipment hub



Innovation-driven
export economy



Carbon-efficient
logistics ecosystem



Kerala as a global
benchmark model



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THANKS