



**THE INTERMODAL PARADIGM
IN TRANSPORT AND LOGISTICS:
A LOOK AT THE MAPUTO CORRIDOR**

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About the Maputo Corridor

- Predominantly a bulk transport corridor - not ideally suited to intermodal transport
- Shortness of the corridor (590kms) insufficient for significant intermodal benefits to accrue
- Road transport is oversubscribed - carries 75-80% of cargo volumes
- Favours quick road transport turnaround times
- Disparity in service efficiency and reliability between road and rail transport makes intermodal challenging
- Rail capacity significantly behind demand - carries only 25 - 30% of cargo volumes
- Limited container traffic

CORRIDOR ROAD DISTANCES (IN KM)

	<i>JHB</i>	<i>eMalahleni</i>	<i>Belfast</i>	<i>Mbombela</i>	<i>Komatipoort</i>
<i>Maputo</i>	590	450	358	221	92

COMPARATIVE RAIL DISTANCES

	<i>Maputo</i>	<i>Durban</i>	<i>Richards Bay</i>
<i>City Deep (SA)</i>	581	714	647
<i>eMalahleni (SA)</i>	437	819	627
<i>Gweru (Zimbabwe)</i>	967	1764	1684
<i>Matsapha (Eswatini)</i>	228	544	371
<i>Polokwane (SA)</i>	550	935	802



Could Intermodal Transport Work?

- Potential lies in increased container cargo
- Expected to increase from 2019
- Could be the catalyst for increasing demand for intermodal infrastructure
- Excellent option for seasonal citrus packed at source
- Would benefit from increased pricing predictability, reduced handling costs, efficiency and better security



Intermodal Transport - More than Trucks, Trains and Ships

Infrastructure

- Road, rail, IT connectivity, improved financial transaction efficiency

Legislation and an Enabling Environment

- Competitive legislative and regulatory harmonisation throughout the region is critical

Trade Facilitation

- Integrated systems and information sharing for seamless movement of cargo

Regional integration requires political will and a concerted move away from protectionism



Conclusion

Intermodalism must be utilised to maximise efficiency and competitiveness.

On the Maputo Corridor this will be determined by

- **Cargo type**
- **Demand for increased infrastructure capacity**
- **Increased container throughput**
- **Increased capital investment in**
 - **Rail infrastructure**
 - **IT connectivity**

None of this is possible without solid partnerships between the public and private sector





Thank You!

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