

More speed, less energy

It's too simple to describe logistics or a supply chain as being the delivery process that lies in the grey area between departure and arrival. It's much more than that. It involves a complex network of delivery processes that is far greater than, say, domestic transportation.

The transport of freight is the biggest concern in the industry.

South Africa's preferred transportation is by road, and not because it is

cost-efficient or the ideal mode of delivery, rather it is an infrastructure

that is superior to any other available. But road transportation does not

of repair. It is difficult to measure the cost of such negatives on the

logistics industry but what we do know is that the tonnage split

of freight between road and rail is on average around 88.7

to 11.3 respectively (2009). This imbalance needs

to be addressed urgently, and given impending

tolls in Gauteng, efficient rail infrastructure

needs to be revived, and quickly, say

The rail system is in dire need

of repair, particularly in rural areas,

and does not have the capacity

to meet demand. A review

Regulator shows that the

busiest harbour in South

commissioned by the Ports

industry analysts.

unfortunately tick all the boxes given that secondary roads are in a bad state

By Kerry Dimmer

oday's logistics is probably the most constantly evolving trend in business that exists. Advances in the electronic industry, technology, transport, corporate and government policies, infrastructure and even social development affect how the logistics industry manages itself. Everything, in other words, has a chain reaction, which puts immense pressure on those in the sector to be flexible, adaptable and to be able to demystify the constant challenge of change.

Let's throw into this mix the African Renaissance, the renewal of the continent as it reaches out for global acceptance; and more locally, the generally accepted positioning of South Africa as the sub-Saharan base, or hub, by which the flow and delivery of services and products should meet international standards in order to play with the big boys, whose real interest lies in trade and investment.

The development of the South African logistics environment is taken so seriously by the CSIR that it produces a comprehensive report, sponsored by Imperial Logistics, called the State of Logistics Survey. It is the only report, outside of the USA that annually investigates local logistics performance. Last year it released its seventh edition, which concentrated on 2009/2010, a year that highlighted what the country was capable of given the preparations for the 2010 World Cup.

Hans Ittmann, executive director of the CSIR Built Environment says that the aim of the survey is to provide a perspective of the state of logistics in South Africa, incorporating a macro-economic view, and an industry-level perspective. "One of the major findings reported on, is the cost of logistics as a percentage of the gross domestic product (GDP). For 2009 this percentage was down to 13.5 percent, which was the lowest it has ever been," says Hans. "This is a direct reflection of the downturn in the economy during 2009, when less freight was transported."

Africa, Durban, is rated the worst in terms of productivity as well as being the most expensive of the 12 international harbours that were reviewed.

In terms of overall logistics performance during 2010, according to a global survey, measured by the Council of Supply Chain Management Professionals (CSCMP), South Africa is rated 28th out of 155 countries. In fact, the country averages in the mid-20s in most categories except for timeliness, where it falls to 57th position, clearly indicating that service levels are not up to par.

However, airfreight systems appear to be operating effectively.

Mike Manby, the Business and Supply Chain Development Director of Bidvest Panalpina Logistics, one of the largest suppliers of supply chain and logistics services in South Africa from ocean to door,

says that were service and infrastructure issues addressed
effectively, then South Africa has the potential to
dominate the continent.

"It's not easy to work outside South
Africa. Apart from corruption and poor
infrastructure issues we also have

to contend with, among other frustrations, rail and warehouse dilapidation, import controls that can effectively hold up vehicles for weeks, which strains the effectiveness of supply chains, in particular the cold

"The research proved that South Africa is competing well but without a long-term improvement in the ease of doing busi-

ness combined with the high costs of the national supply

chain," Manby confirms. "Further we experience high shipping and port costs.

"That said however, we are seeing encouraging innovative solutions to overcome some of the challenges. The European model of centralised distribution centres is becoming more popular. This allows retailers like Shoprite and Pick n Pay to be more competitive and price lower because they have a better network."

Manby's take on gaining competitive advantage in the supply chain environment lies in finding opportunities to network; the development of efficient customer service strategies; taking manufacturing closer to customers; and collaborative integration. "And of course, innovation," he says. "The big globals drive innovation and best practices. We're constantly learning from new international organisations that come to South Africa. They have developed strategies that may appear very demanding and exacting, but ultimately there are significant savings to be had all the way down the chain.

"What we have to remember is that we are not insular," Manby continues. "At Bidvest Panalpina we have concentrated on developing strategic relationships with international companies that provide us with access to global networks and skills. We have also seen the advantage of mergers with companies that offer complimentary services, so under one banner we can leverage advantage and be more competitive."

For the past 23 years, *Logistics News* magazine has been hosting an annual Logistics Achiever Awards (LAA). It's convenor, Di Holton, describes LAA as the Oscars of the industry: "The objective is to recognise excellence in the effective application of strategic, tactical and

operational logistics and supply chain management. Any company that voluntarily enters must be South African but can enter their operations in southern Africa."

Holton says that from just five entries in 1989, the judges, who are nominated by 10 industry associations, now review in excess of 30. "It may not sound like a lot," says Holton, 'but it's more than we cope with.' Judges spend four months evaluating entries, inclusive of site

valuating entries, inclusive of site visits, awarding points for satisfying 14 criteria categories. >>



