



Forward thinking Supply chains continued

20 September 2023

SAPICS Spring Conference

Indaba Hotel, Fourways, Johannesburg, South Africa

Optimising throughput rates and enhancing fluidity ratios within the Land Modality (Road Freight)

Facilitated by: Devlyn Naidoo, Executive: SARS & OGAs

Meet the panellists



Facilitated by Devlyn Naidoo
Executive: SARS & OGA
SAAFF



Jayce Lane
Managing Director
Crickmay & Associates



Principal Researcher: Smart
Mobility at Council for Scientific
and Industrial Research (CSIR)



Katherine Bell
Transport & Logistics
Industry Specialist
Standard Bank



Jayce Lane

Managing Director Crickmay & Associates







Data to Action

"The ability to take data – to be able to understand it, to process it, to extract value from it, to visualize it, to communicate it's going to be a hugely important skill in the next decades..."

"So the complimentary scarce factor is the ability to understand that data and extract value from it."

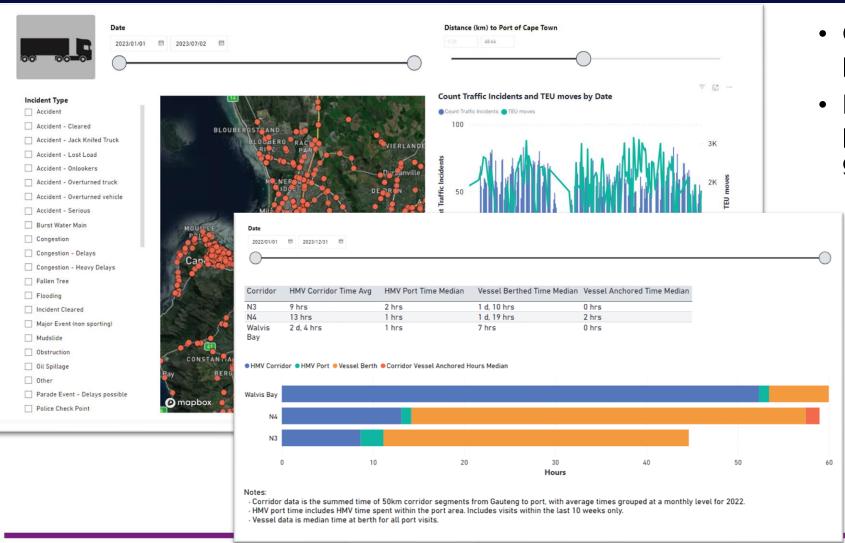
Hal Varian, Chief Economist, Google

"Then my personal favourite, is actioning information. If you don't action information, all the data is useless"

Jayce Lane, Managing Director, Crickmay & Associates







- Overall logistics corridor performance comparison
- External factors that impact performance e.g. geopolitical risk



- Part of NLCC work on N4
- · Queue length a great thermometer
- But what is the cause?

Jul 2023

May 2023

Mar 2023

Matola to Maputo

Week Ending

2023-08-20

0 2023-08-13

0 2023-08-06

O 2023-07-30

0 2023-07-23

0 2023-07-16

0 2023-07-09

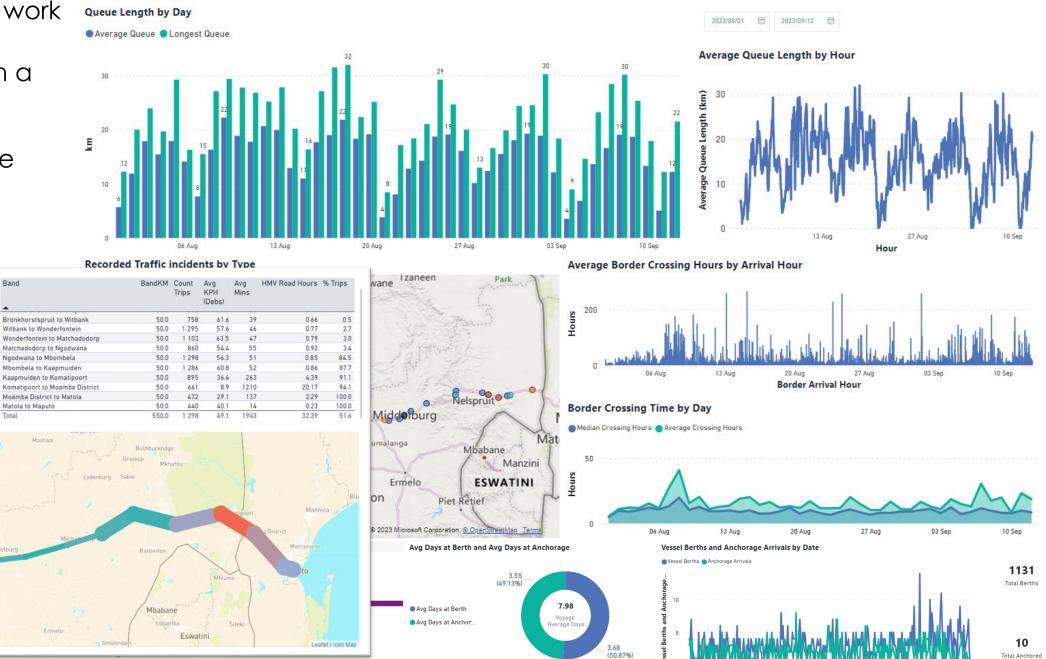
O 2023-07-02

0 2023-06-25

0 2023-06-18

Krugersdorp

Johannesburg



Dr Isabel Meyer

Principal Researcher: Smart Mobility at Council for Scientific and Industrial Research (CSIR)



MINE (Consignor)

TRANSPORTER

BORDERS & PORTS

CONSUMER (Consignee)



MINE (Consignor)

TRANSPORTER

BORDERS & PORTS



COLLECT

SYNTHESIZE

GENERATE INFORMATION

CONSUMER

(Consignee)

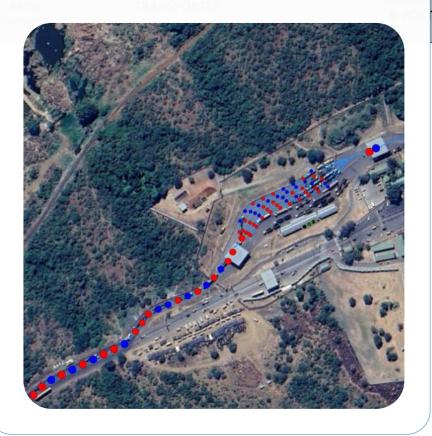
INTERPRET

ACTION

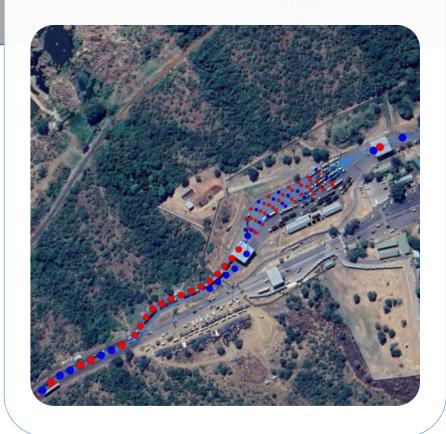


End-to-end Supply chain

One canopy



Two canopies





End-to-end Supply chain



Understand drivers of / constraints to performance of N4 corridor



Find levers for corridor improvement (optimize context)

Find levers for self-regulation (influence behavior)



Data to Action

"Adam Smith said that the best result comes from everyone in the group doing what is best for himself, right? That's what he said.

Incomplete. OK, because the best result would come from everyone in the group doing what is best for himself and the group."





Katherine Bell

Transport & Logistics Industry Specialist

Standard Bank



Thank you

