Agenda

• History of RTMS
• Who is Crickmay?
• Case studies
• Implementing the Forum’s pledge
• Next steps
  – Establish a Steering Committee
  – Work towards accreditation of consignor/ consignees.
  – Require haulier to become RTMS accredited
  – Monitor the industry supply chain
Forum Pledge (extract)

• Share data between Road Information Systems

• Address overloading/under loading of coal trucks
  – appropriately and according to agreed upon guidelines

• Compliance to road signs especially speed limit zones

• Adhere to RTMS standards

• Adhere to Road Safety Standards as prescribed by Government

• Share adherence and compliance data
A Simple Formula:

• STEP 1: RTMS

• STEP 2: Gather information (for RTMS)

• STEP 3: Create as much supply chain visibility as possible

• STEP 4: Capitalize
VIP Technical Trial

Ongoing overload monitoring

LAP

Ongoing overload monitoring

RTMS

Standards

SABS standards

History of
Who is Crickmay?

- Established in 1982
- Projects across 10 countries – Africa focussed
- Accredited level 3 B-BBEE company
- Eskom/ Rotran make use of Crickmay systems
- Founding member of RTMS
- Have a reputation as a respected, confidential custodian of sensitive information
- Committed to our client’s sustainability
Platinum LAA Award 2012

Using self-regulation as a platform for cost reduction
Self-regulation Case Study: Eskom Coal Industry

33M ton p.a.
13 Power stations
800 transporters
Self-regulation Case Study: Eskom Coal Industry

33M ton p.a.
13 Power stations
800 vehicles
Self-regulation Case Study: Sugar Industry

Effect of Reduction in Overloading on Industry Payload

- **Incidence of Overloading**
- **Avg Payload**
- **Linear (Incidence of Overloading)**

21M ton p.a., 13 Mills, 485 transporters, 27,548 growers
Self-regulation Case Study: Timber Industry

Overloading Over Tolerance Since November 2002
(Note Tolerance Dropped in July 2006 to 2%)
WIIFM?
Self-regulation Case Study: Eskom Coal Capitalize R1b +

Crickmay Footprint

• Since 2008
• 144 M.ton per annum
• 13 Power Stations
• 69 Mines
• Road, Rail and Conveyor
• 7343 Trucks
• 14 Trains

Projects

• Congestion Reduction
• Payload optimisation
• Overloading Reduction
• Stock, Loading & offloading Monitoring
• Central Coordination Centre
• Lead Distance Reduction
• Accident/Speeding Reduction
• RTMS Accreditation
This could also be related to monitoring driving in the mist.
## Implementing the Forum’s Pledge

<table>
<thead>
<tr>
<th>RTMS Standards</th>
<th>Monitoring using Information Platform</th>
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</thead>
<tbody>
<tr>
<td>Adherence to Road Safety Standards</td>
<td>Share best practice regarding road maintenance strategies</td>
</tr>
<tr>
<td>Overloading/under loading of coal trucks</td>
<td>Co-ordinate the repairs to avoid duplication</td>
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<tr>
<td>Adherence to RTMS standards</td>
<td>GIS drawings collectively to show a single view of the state of the road network</td>
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<tr>
<td></td>
<td>Share data between Road Information Systems</td>
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<td>Compliance to road signs, especially speed limit zones</td>
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<td>Communicate road hazards identified by the public, other members and provincial structures</td>
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<td></td>
<td>Share adherence and compliance data</td>
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</tbody>
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Next steps

Standards

Monitor the supply chain

Steering committee

Actions

Cooperation with government
Holding parties accountable
Tackling common problem areas
Distribution of high level statistics
Identify opportunities

Vehicle

Source & Destination

Mine weighbridges
Database of vehicles
Information captured at the mines
Thank You

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