

PARTNERING WITH PRIVATE COMPANIES TO KEEP TRAFFIC SIGNALS ON DURING DOWNTIME

By harnessing private investment and technical expertise, The **JOHANNESBURG ROADS AGENCY** is modernising its traffic management systems and paving the way for a more responsive and resilient road network for all road users



using electricity from their own reserves. In addition to these efforts, 130 new traffic signals have been commissioned. The partnering companies supply power ranging from 550 watts per hour to as much as 1500 watts per hour at the most complex intersections.

Sipho Nhlapo, acting head of department for mobility and freight at the JRA says: “The goal is not just to power traffic lights, but also collect traffic data towards adaptive traffic signals through artificial intelligence (AI). These efforts will contribute towards making the city smarter and improving the lives of its

The Johannesburg Roads Agency (JRA) has launched an innovative traffic signals partnership with the private sector in a bold step toward smarter, safer and more efficient urban mobility. This groundbreaking initiative started two years ago and brings together public infrastructure priorities and private sector agility to tackle one of the city’s most pressing challenges: traffic signal downtime. In a move to provide seamless movement on the city’s roads, JRA has partnered with over 51 companies to power more than 113 traffic light intersections during power outages,

citizens.” Nhlapo adds that collaborating with the private sector will bring new technology and capital to bolster efforts to maintain functioning traffic lights.

The initiative has garnered support from corporate giants such as Investec, First National Bank, Total Energies, Vodacom, Primedia, Standard Bank, Nedbank, Growthpoint, Sasol, Redefine Properties, Discovery Limited, Old Mutual, Liberty, Two Degrees and Pareto, Zenprop Property Holdings, Rand Merchant Bank, Morningside Shopping Complex, Momentum, Southern Sun, Blue Label Telecoms, The Cavaliers

“IT IS OUR KEY MANDATE TO IMPROVE TRAFFIC MANAGEMENT. PARTNERING WITH THE PRIVATE SECTOR TO ENSURE MOBILITY AND SAFETY WITHIN JOHANNESBURG IS A PRIME EXAMPLE OF HOW COLLABORATION CAN LEAD TO POSITIVE OUTCOMES.” – ZWELI NYATHI



Primedia ribbon cutting



Technicians working on Traffic Signals

Group, Bowmans, Santam, Davinci Hotel and Suites, MTN and Nectare.

BUILDING A SMART CITY

JRA CEO Zweli Nyathi says: “The JRA is committed to building smarter cities and sustainable solutions for the future. It is our key mandate to improve traffic management. Partnering with the private sector to ensure mobility and safety within Johannesburg is a prime example of how collaboration can lead to positive outcomes.”

The executive mayor of the City of Johannesburg, Dada Morero, welcomes this initiative. “As the City of Johannesburg, we are committed to delivering resilient infrastructure, service excellence and putting our residents first. Partnerships such as these bring us closer to the smart city we are building Johannesburg to become and are a testament to what we can achieve when the public and private sectors work together,” he says. ●