



INFRASTRUCTURE DEVELOPMENT

BUILDING AN INCLUSIVE REGIONAL ECONOMY



- Job Creation and Training
- Business and Skills Retention
- Industry Diversification
- Tax, Rates Revenue Increase
- Empowerment ... Blacks, Women and Youth
- Quality of Life
- Intellectual Depth

INFRASTRUCTURE DEVELOPMENT



“Infrastructure connects People, Places and Opportunities”

- The need for adequate infrastructure – secure energy, efficient transport, reliable and fast communication systems, resilient sanitation and affordable housing ... is significantly apparent.
- Infrastructure deficit is significant and puts a constraint on growth ...
- ... But it does give the opportunity to leapfrog to new more efficient technologies.

Trends ...



*“either make it work with the private sector ...
or don’t deliver the project”*

**Policy-makers and politicians will need to focus
on building bridges between opposing
viewpoints and finding ways to balance the
needs of all stakeholders if they hope to get
anything done.**

Trends ...



- The confluence of energy, transportation and technology
- "People First" projects to top the agenda ... allowing social equality to influence planning and priorities
- Increased understanding of consumer behavior and needs
- Caring about social and environmental impacts ... not just the bottom line

Trends ...



- Technology enhances productivity and at the same time increases risks of obsolescence
- Get more out of existing infrastructure
- Recycling ... selling profitable assets to help fund new infrastructure assets
- long-term value and enhance social harmony, we need to think much more about sustainability ...
financial, operational, funding, technological, environmental and social

Trends ...



- Growth = Enhanced Security
- Technology means infrastructure planning flexibility



Garden Route Investment Conference



- *We are living in an era of rapid and fundamental change. Consider this – just 10 years ago, the first iPhone was introduced; there were no ‘app’ stores; no real-time way-finders or smart maps; Twitter was in its infancy and Facebook was a toddler. Yet today, the smartphone and its applications have become indispensable in most people’s lives.*
- *It’s not just technology that is rapidly and fundamentally changing. So, too, are social norms, demographic trends, economic truths, the boundaries between our public and private lives, environmental realities and customer expectations. In many ways, the world we lived in 10 years ago seems quaintly archaic; the world of 10 years from now, excitingly innovative.*
- *The problem is that infrastructure is not keeping pace with the changes we are experiencing around us. We continue to develop assets with 50 to 100-year lifespan expectations. We build for the needs of today, not tomorrow. We assume fixed technology sets will remain for the foreseeable future. We spend years in planning and consultations, ignoring the risk that the completed asset will be out of date before it comes into operation. More often than not, we simply do what we have always done.*

CHALLENGES



- Bulk Water, Waste Management and Sanitation
- Transportation
- Power
- Housing – Low cost and Middle Income

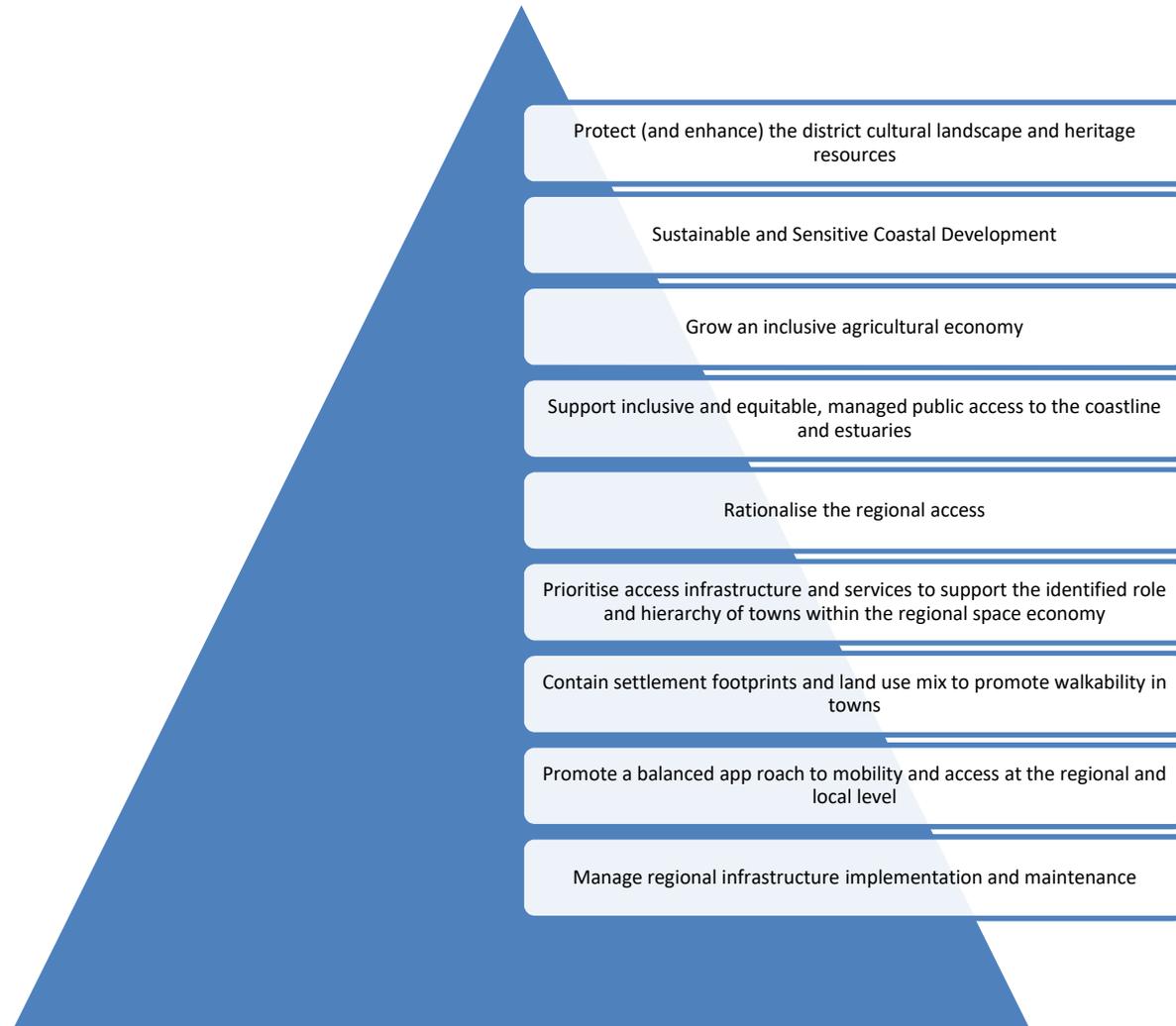
- Empowerment
- Red Tape
- Financing
- Skills

GROWTH SECTORS IDENTIFIED IN SDF



- Agriculture
- Aviation
- Disaster Management, Safety and Security
- Engineering and Bulk Services
- Environment and Cultural Landscapes
- Industry, Tourism and Business
- Innovation, Skills and Entrepreneurship
- Oil, Gas, Ports and Port Logistics
- Transport and Access
- Settlement, Growth Management and Social Facilities

SPATIAL DEVELOPMENT FRAMEWORK GUIDELINES



OPPORTUNITIES



- Build Intellectual Capacity through **SKILLS DEVELOPMENT, TERTIARY EDUCATION FACILITIES AND ATTRACTING INNOVATIVE INDUSTRIES.**
 - Capitalise on the potentials of trade facilities and transport logistics enhance the region's harbours (Mossel Bay) and develop a coherent strategy for the location of airports, trade logistic centres, railway lines and the realignment of strategic transport routes.
- **DIVERSIFY THE TOURISM SECTOR ... HARNESS ASSETS** (heritage, sport, natural environment, rehabilitation) ... **DEVELOP A STRONG UNIQUE BRAND THROUGH A COLLECTIVE BRANDING AGENCY**
- Facilitate and incentivise the revitalisation of degraded urban and rural areas.
- **CONSERVE AND PROTECT THE NATURAL ENVIRONMENT AND IMPROVE DISASTER RISK MANAGEMENT OF FIRES AND FLOODS.**

OPPORTUNITIES



- **Agri-processing**
- **Information Technology**
 - **Ensure the supply of bulk water storage and improved water management.**
- **Develop a regional integrated public transportation system**
- **Improve integrated waste management**
- **Align institutional decision-making through integrated planning, collaboration and transversal governance.**

WHAT NEEDS TO BE DONE



- Private sector invest in infrastructure
- Private sector lobby LG for particular infrastructure for growth in particular sectors
- New innovative funding models
- Institutional Provisions, eg. PPP's, etc.
- Policy, Strategy, Business

PROGRESS



- Comprehensive Infrastructure Plan/Strategy
- Infrastructure Chamber ... Government, Business, Labor
- Garden Route Development Agency