



2021 VIRTUAL

**INFRASTRUCTURE PROJECTS IMPACT: POVERTY REDUCTION, EMPLOYMENT CREATION AND CLOSING THE INEQUALITY GAP**

**SINENHLAHLA CHAMANE PR TECH ENG  
M & C CONSULTING ENGINEERS**





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# 1. INTRODUCTION

- **INFRASTRUCTURE PROJECTS IMPACT IN THE FOLLOWING:**
  - POVERTY REDUCTION,**
  - EMPLOYMENT CREATION, AND**
  - CLOSING THE INEQUALITY GAP.**
- **OBJECTIVES OF NATIONAL DEVELOPMENT PLAN (NDP) HAS CERTAIN TARGETS TO BE REACHED BY YEAR 2030.**



## INTRODUCTION CONTINUES.....

- **HOWEVER LIKE ANY OTHER INFRASTRUCTURE PLANNING, THERE MUST BE:**
  - ADEQUATE PLANNING –BEYOND 3 FINANCIAL YEARS**
  - STAKEHOLDER ENGAGEMENT ( ALL STAKEHOLDERS)**
  - CLEAR OBJECTIVES & GOALS**
  - BE REALISTIC**
  - CONSIDER CAPABILITIES I.E PARTNERSHIP, SKILL SET &SOCIAL SECURITY**



## 2. BACKGROUND

- **PLANNING OF INFRASTRUCTURE PROJECTS ARE DONE IN SUCH A WAY THAT INFRASTRUCTURE PROJECTS ARE PRIORITISED MORE IN URBAN AREAS COMPARED TO RURAL AREAS.**
- **THE BUDGET IS ALLOCATED BASED ON POPULATION BUT RURAL AREAS ARE AT A DISADVANTAGE SINCE PEOPLE IMMIGRATE TO URBAN AREAS FOR JOB OPPORTUNITIES.**
- **GOVERNMENT HAS TRIED RURAL DEVELOPMENT BUT IT NOT WORKING SINCE PEOPLE STILL IMMIGRATE TO URBAN AREAS BECAUSE RURAL AREAS ARE NOT YET FULLY DEVELOPED AND QUALITY OF EDUCATION IS NOT THE SAME AS URBAN AREAS.**



## BACKGROUND CONTINUES.....

- MOST PROJECTS DO NOT HAVE BUDGET FOR UNSKILLED WORKERS TRAINING , HENCE NO SKILLS TRANSFER ONCE THE PROJECTS IS COMPLETED.
- NO PROPER PLANNING TO ABSORB THOSE TRAINED PERSONNEL OVER THE OPERATION & MAINTENANCE STAGE I.E.
  - COMMUNITY WATER SCHEME RETICULATION NETWORK
  - MUNICIPAL STORMWATER AND V-DRAIN
  - ROUTINE ROAD MAINTENANCE – SIDE DRAIN, LINE MARKING, GUARDRAILS, & ETC.
- THESE CHALLENGES MAKE IT DIFFICULT FOR INFRASTRUCTURE PROJECTS TO CREATE JOB OPPORTUNITIES, POVERTY REDUCTION AND CLOSING THE INEQUALITY GAP.



## 3. RECOMMENDATION

- WHAT SHOULD WE DO TO ADDRESS THESE CHALLENGES ?
- CAN ENGINEERS DO SOMETHING ?
- WHAT IS THE ROLE OF GOVERNMENT ?
- WHAT CAN GOVERNMENT DO DIFFERENTLY ?
- DO WE ALL KNOW ABOUT NATIONAL DEVELOPMENT PLAN (NDP) ?
- DO WE INVOLVE ARCHITECTS AND TOWN PLANNERS IN OUR INFRASTRUCTURE PROJECTS ?



# RECOMMENDATION CONTINUES.....

## TO DO LIST BY GOVERNMENT:

- GOVERNMENT CREATES ENVIRONMENTAL FOR INVESTORS TO BE ABLE DEVELOP RURAL AREAS ESPECIALLY COASTAL AREAS.
- MIXED DEVELOPMENTS IN COASTAL AREA SUCH (INDUSTRIAL, SCHOOLS, HEALTH FACILITIES, SHOPPING CENTRE OR MALLS) TO STOP IMMIGRATION OF PEOPLE FROM RURAL TO URBAN AREAS FOR BETTER JOB OPPORTUNITIES.
- THE INFRASTRUCTURE PROJECTS TO BE PLANNED AND EXECUTED ACCORDING TO THE NEEDS OF THE COMMUNITY NOT POLITICAL INTEREST .



# RECOMMENDATION CONTINUES.....

## COLLABORATION OF INSTITUTIONS & PROFESSIONALS:

- ENGINEERS SHOULD STOP BEING CAPTURED BY POLITICIANS AS THIS AFFECTS SERVICE DELIVERY IN COMMUNITIES.
- PAYMENT OF SERVICE PROVIDERS ON TIME BY GOVERNMENT SO THAT PROJECTS CAN BE COMPLETED ON TIME.
- MUNICIPALITIES SHOULD IMPLEMENT LOCAL ECONOMIC DEVELOPMENT IN ORDER CREATE JOBS WITHIN THE MUNICIPALITY.
- TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING (TVET) NEED TO PRODUCE HIGH STANDARD OF EDUCATION.



# RECOMMENDATION CONTINUES.....

## PROVINCIAL GOVERNMENT ROLE IN PLANNING:

- PROVINCES TO COLLABORATE PLANNING AND ALIGNED MEDIUM TO LONG TERM OBJECTIVES ALIGNED TO NDP VISION 2030 AND BEYOND.
- PROVINCES AND PROVINCIAL GOVERNMENT TO FORM STRATEGIC PARTNERSHIP WITH OTHER USER DEPARTMENTS, INVESTORS AND BUILT ENVIRONMENT PROFESSIONALS.
- APPOINT QUALIFIED AND COMPETENT ENGINEERS AND OTHER PROFESSIONAL FROM BULT ENVIRONMENT.



# RECOMMENDATION CONTINUES.....

## STATE CAPTURE :

- PLANNING AND POLICIES OF MUNICIPALITIES MUST NOT BE ALIGNED TO A 5YEAR TERM OF OFFICE, HOWEVER MUST BE ALIGNED TO THE NEEDS OF COMMUNITIES AND INVESTMENT FOR LONG TERM SUSTAINABILITY.
- ENGINEERS SHOULD STOP BEING CAPTURED BY POLITICIANS AS THIS AFFECTS SERVICE DELIVERY IN COMMUNITIES.



# THANKS

## 4. QUESTIONS/ ANSWERS

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