

# **RANGE MANAGEMENT SYSTEM**

**TRANSITIONING AWAY FROM THE  
OPEN RANGE SYSTEM  
MANAGEMENT IN TRINIDAD.**

# BRIEF HISTORY

**IN 1912 THE COLONIAL FOREST DEPARTMENT DEVELOPED AND APPLIED A SUCCESSION OF MANAGEMENT SYSTEMS**

- **FIRST SELECTION FELLING THEN OPEN RANGE SYSTEM [ORS]**
- **UNSATISFACTORY: DIFFICULT TO POLICE, TOO SCATTERED, LOGGERS CREAMED THE BEST TREES FROM THE FOREST.**
- **SUSTAINABLE TIMBER PRODUCTION AND SCIENCE POLICY PROCESSES – FAIRHEAD & LEACH**

# **BRIEF HISTORY CONTINUED**

- **MANY OF THE O.R.S. ARE SERIOUSLY DEGRADED**
- **DECLINE IN HIGH QUALITY TIMBER**
- **INCREASED SUSCEPTIBILITY TO ILLEGAL ACTIVITY**
- **AS A RESULT MANY O.R.S. WERE CLOSED FROM 80'S TO 2020'S**

# LAYOUT OF O.R.S.

- TRINIDAD DIVIDED INTO 6 CONSERVANCIES
- EACH IS SUBDIVIDED INTO GEOGRAPHIC AREAS CALLED RANGES [36 ]
- MOST RANGES ONCE HAD O.R.S. SALES
- ALLOWED FOR LICENCEES TO PURCHASE TIMBER
- SHIFT TO TEAK, PINE & MIX HARDWOODS ON STATE LAND



# CHALLENGES

- **OVEREXPLOITATION**
  - **REDUCED MERCHANTABLE GIRTH AND ALTERED GIRTH LIMITS**
  - **REDUCED LOCAL LUMBER**
  - **INCREASED IMPORT DEPENDENCY**
  - **BIODIVERSITY CONCERNS**
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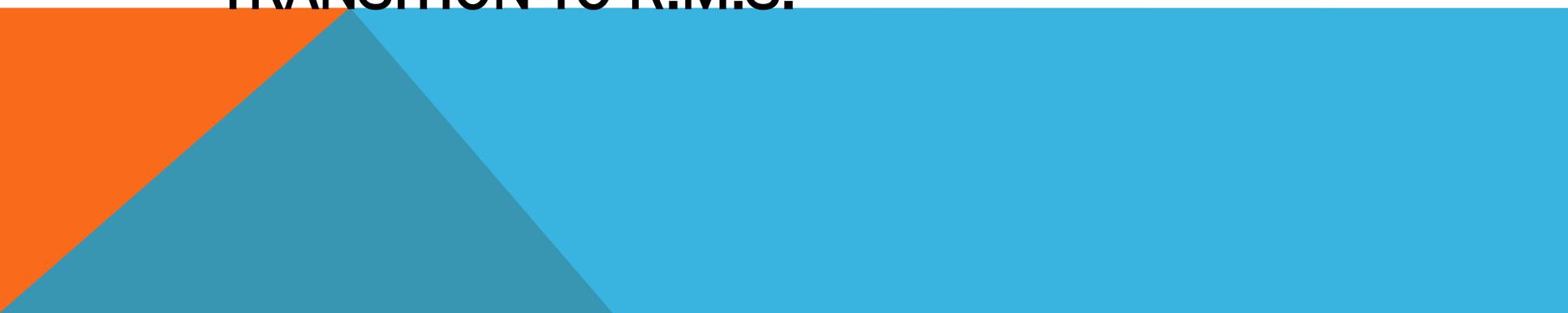
# **DEVELOPING A RANGE MANAGEMENT SYSTEM**

- **START WITH A TRIAL RANGE**
- **SUBDIVIDE BLOCKS ON A ROTATION SYSTEM**
- **ALLOW FOR A DEVELOPMENT PLAN [6 MONTHS]**
- **COMMIT TO AN INVENTORY OF STOCKS [1YEAR]**
- **MONITORING AND EVALUATION CRITERIA USING I.T.T.O. GUIDELINES**

# **RANGE MANAGEMENT SYSTEM C'TD**

- **ALLOWS FOR REGENERATION**
- **CREATES AN INVENTORY OF LOCAL TIMBER USE**
- **LISTS SPECIES DESIRED FOR EXPORT AS WELL AS VALUE ADDED PRODUCTS**
- **STANDING VOLUME INVENTORY**
- **USE TECHNOLOGY TO DESIGN AND MONITOR**
- **GIS, REMOTE SENSING, HARVEST PLANNING ETC.**

# DEVELOPMENT OF A PLAN

- **IMPLEMENT THE APPROPRIATE RANGE MANAGEMENT SYSTEM [R.M.S.].**
  - **UTILIZE I.T.T.O. CRITERIA AND INDICATORS FOR SUSTAINABLE FOREST MANAGEMENT**
  - **EXPAND THE PROJECT TO EACH APPLICABLE RANGE**
  - **SUSTAINED EXPANSION TO ALL CLOSED O.R.S. TRANSITION TO R.M.S.**
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# IMPROVEMENTS

- REVISED FOREST POLICY DEVELOPMENT
- REDUCE NEGATIVE IMPACTS OF LOGGING
- CREATE UP TO DATE INVENTORY & MANAGEMENT PLANS
- FOSTER COMMUNITY DEVELOPMENT & ECONOMIC UPLIFTMENT IN RURAL AREAS
- INCREASE FOREST REHABILITATION
- CREATE DEMONSTRATION AREAS FOR TRAINING AND EDUCATION
- IMPROVE NATURAL SILVICS

**QUESTIONS AND ANSWERS**

**THANK YOU.**

