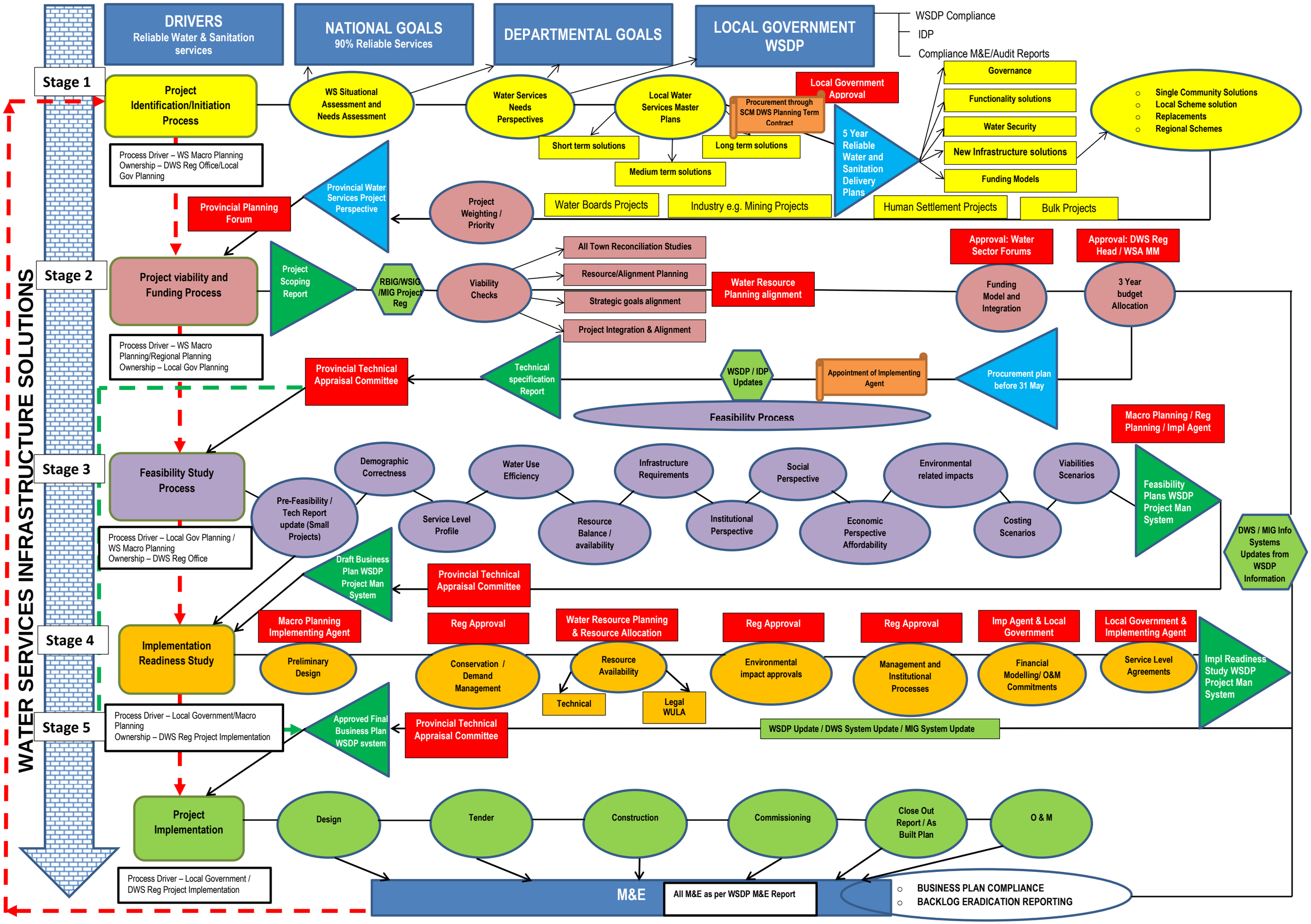
WATER SERVICES INFRASTRUCTURE SOLUTIONS
DRIVERS
Reliable Water & Sanitation services
NATIONAL GOALS
90% Reliable Services
DEPARTMENTAL GOALS
LOCAL GOVERNMENT WSDP
WSDP Compliance
IDP
Compliance M&E/Audit Reports
Stage 1
Project Identification/Initiation Process
Process Driver – WS Macro Planning
Ownership – DWS Reg Office/Local Gov Planning
WS Situational Assessment and Needs Assessment
Water Services Needs Perspectives
Local Water Services Master Plans
Short term solutions
Medium term solutions
Long term solutions
Procurement through SCM DWS Planning Term Contract
Local Government Approval
5 Year Reliable Water and Sanitation Delivery Plans
Governance
Functionality solutions
Water Security
New Infrastructure solutions
Funding Models
Single Community Solutions
Local Scheme solution
Replacements
Regional Schemes
Provincial Water Services Project Perspective
Provincial Planning Forum
Project Weighting / Priority
Water Boards Projects
Industry e.g. Mining Projects
Human Settlement Projects
Bulk Projects
Stage 2
Project viability and Funding Process
Process Driver – WS Macro Planning/Regional Planning
Ownership – Local Gov Planning
Project Scoping Report
RBIG/WSIG /MIG Project Reg
Viability Checks
All Town Reconciliation Studies
Resource/Alignment Planning
Strategic goals alignment
Project Integration & Alignment
Water Resource Planning alignment
Approval: Water Sector Forums
Approval: DWS Reg Head / WSA MM
Funding Model and Integration
3 Year budget Allocation
Procurement plan before 31 May
Appointment of Implementing Agent
WSDP / IDP Updates
Technical specification Report
Provincial Technical Appraisal Committee
Feasibility Process
Stage 3
Feasibility Study Process
Process Driver – Local Gov Planning / WS Macro Planning
Ownership – DWS Reg Office
Pre-Feasibility / Tech Report update (Small Projects)
Demographic Correctness
Service Level Profile
Water Use Efficiency
Resource Balance / availability
Infrastructure Requirements
Institutional Perspective
Social Perspective
Economic Perspective Affordability
Environmental related impacts
Costing Scenarios
Viabilities Scenarios
Feasibility Plans WSDP Project Man System
Macro Planning / Reg Planning / Impl Agent
DWS / MIG Info Systems Updates from WSDP Information
Draft Business Plan WSDP Project Man System
Provincial Technical Appraisal Committee
Stage 4
Implementation Readiness Study
Macro Planning Implementing Agent
Preliminary Design
Reg Approval
Conservation / Demand Management
Water Resource Planning & Resource Allocation
Resource Availability
Technical
Legal WULA
Reg Approval
Environmental impact approvals
Reg Approval
Management and Institutional Processes
Imp Agent & Local Government
Financial Modelling/ O&M Commitments
Local Government & Implementing Agent
Service Level Agreements
Impl Readiness Study WSDP Project Man System
Stage 5
Process Driver – Local Government/Macro Planning
Ownership – DWS Reg Project Implementation
Approved Final Business Plan WSDP system
Provincial Technical Appraisal Committee
WSDP Update / DWS System Update / MIG System Update
Project Implementation
Process Driver – Local Government / DWS Reg Project Implementation
Design
Tender
Construction
Commissioning
Close Out Report / As Built Plan
O & M
M&E
All M&E as per WSDP M&E Report
BUSINESS PLAN COMPLIANCE
BACKLOG ERADICATION REPORTING