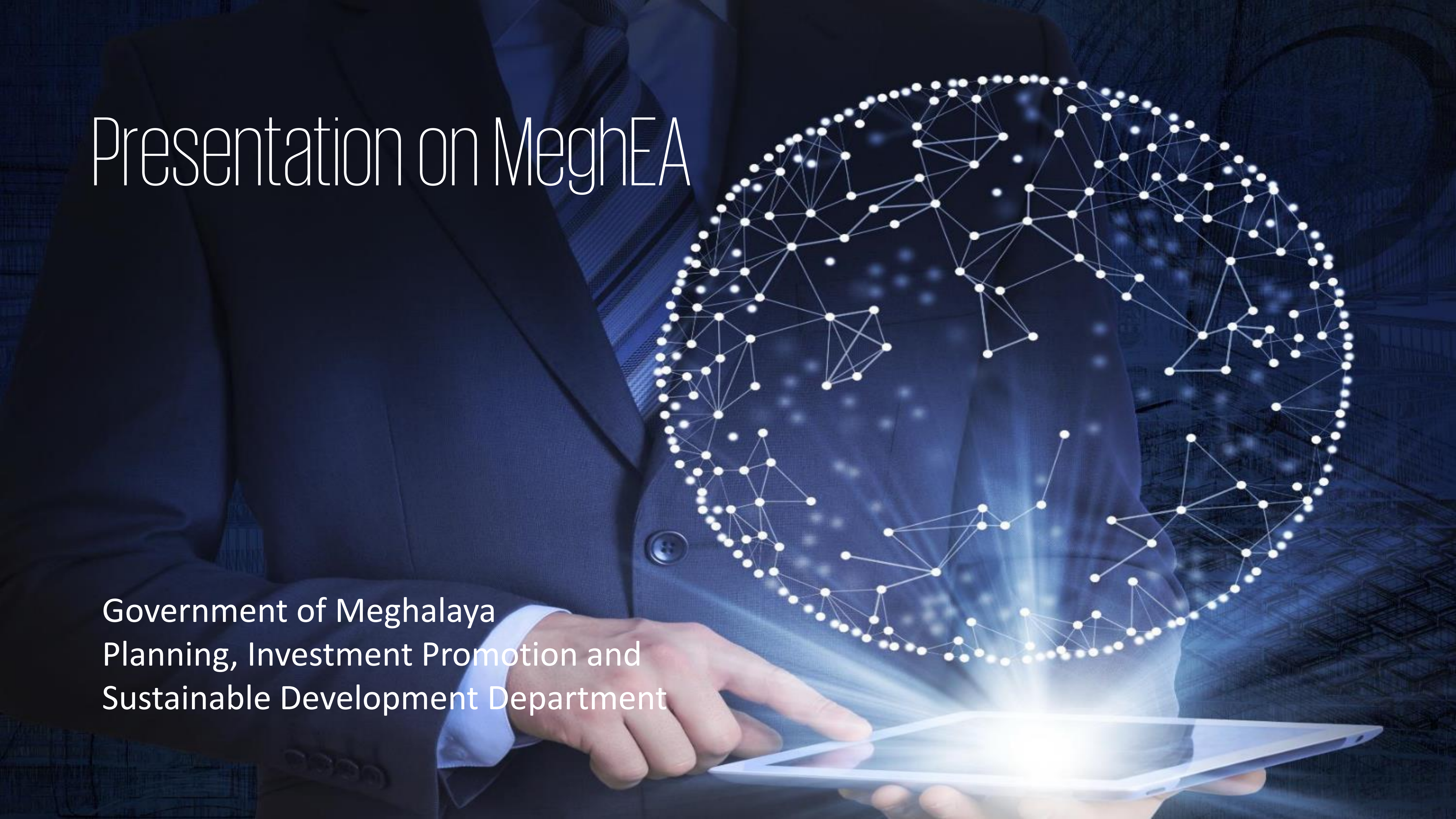
Presentation on MeghEA



Government of Meghalaya
Planning, Investment Promotion and
Sustainable Development Department

MeghEA : State Vision

Meghalaya State Growth Strategy Pillars

HUMAN DEVELOPMENT

PRIMARY SECTOR

Environment

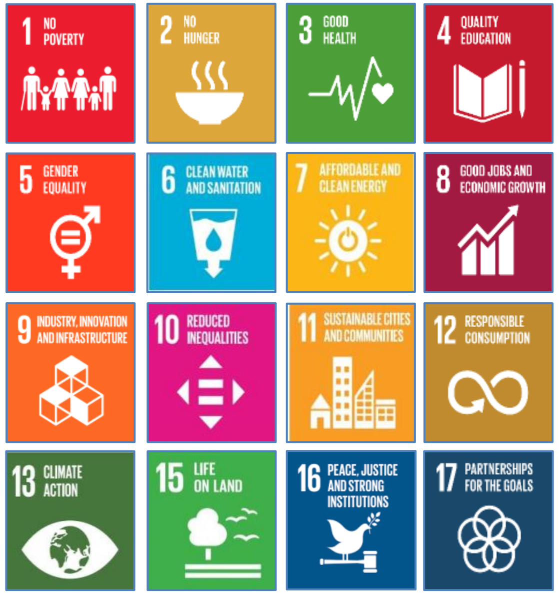
Governance

INFRASTRUCTURE

ENTREPRENEURSHIP

State Vision

Top 10 in GSDP per Capita and SDG Rankings


1 NO POVERTY
2 NO HUNGER
3 GOOD HEALTH
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 GOOD JOBS AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION
13 CLIMATE ACTION
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS

SDG INDIA INDEX

SDG India Index : Targets & Indicators

MeghEA - Strategic Pillar to SDG to Indicator Mapping

Meghalaya Strategic Pillars	SDG	Indicators & Targets (Examples)
6 **Governance**	5 GENDER EQUALITY 8 GOOD JOBS AND ECONOMIC GROWTH 11 SUSTAINABLE CITIES AND COMMUNITIES 16 PEACE AND JUSTICE 17 PARTNERSHIPS FOR THE GOALS	• Funds utilized vis-à-vis estimates • Percentage of digital payments in government
5 **Environment**	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 11 SUSTAINABLE CITIES AND COMMUNITIES 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 15 LIFE ON LAND	• CO2 equivalent emission per unit of manufacturing value added
4 **Entrepreneurship**	1 NO POVERTY 5 GENDER EQUALITY 8 GOOD JOBS AND ECONOMIC GROWTH 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	• Average unemployment rate per 1000 persons for males and females • Ratio of Female to Male Labour force participation rate • 100 days of employment for every desirous household under MGNREGA
3 **Infrastructure**	6 CLEAN WATER AND SANITATION 7 AFFORDABLE AND CLEAN ENERGY 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 11 SUSTAINABLE CITIES AND COMMUNITIES 17 PARTNERSHIPS FOR THE GOALS	• % of resident access to drinking water • % of residents connected by roads • Number of mobile connections, internet subscriber per 100 K resident
2 **Primary Sector**	2 NO HUNGER 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 14 LIFE BELOW WATER	• Double farmers income • Per capita Milk, Meat and Egg production
1 **Human Development**	1 NO POVERTY 2 NO HUNGER 3 GOOD HEALTH 4 QUALITY EDUCATION 5 GENDER EQUALITY 8 GOOD JOBS AND ECONOMIC GROWTH 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 10 REDUCED INEQUALITIES 13 CLIMATE ACTION 16 PEACE AND JUSTICE 17 PARTNERSHIPS FOR THE GOALS	• Reduce maternal mortality ratio (MMR) per lakh • Primary & Secondary Education - Enrollment, %, drop out rate, • Reduce percentage of home births compared to total number of births

MeghEA - Strategic Pillars to Departments Mapping

1	**Human Development**	Education Information Technology & Communication Information & Public Relation Forests & Environment Labour Home (Police) Public Health Engineering Food Civil Supplies & Consumer Affairs Social Welfare Health & Family Welfare Community & Rural Development Commerce & Industries Transport Planning
2	**Infrastructure Development**	Public Health Engineering Information Technology & Communication Commerce & Industries Water Resources Power Public Works Transport
3	**Primary Sector Development**	Animal Husbandry & Veterinary Fisheries Agriculture and Farmers' Welfare Food Civil Supplies & Consumer Affairs
4	**Entrepreneurship Development**	Community & Rural Development Commerce & Industries Agriculture and Farmers' Welfare Labour Tourism
5	**Environment**	Revenue & Disaster Management Tourism Forests & Environment Housing Water Resources Public Health Engineering Food Civil Supplies & Consumer Affairs Urban Affairs Community & Rural Development Commerce & Industries Mining Planning
6	**Governance**	Planning Information Technology & Communication Health & Family Welfare Law Finance Commerce & Industries Home (Police) General Administration Home (Jails) Cooperation Department

Strategic Pillar: Prioritized Services, Goals, Indicators & Departments Invovled

Primary Sector

Goals	3	Indicators	19
Departments	4	Services	30

Human Development

Goals	11	Indicators	92
Departments	4	Services	74

Infrastructure

Goals	7	Indicators	27
Departments	3	Services	36

Entrepreneurship

Goals	4	Indicators	16
Departments	3	Services	31

Environment

Goals	5	Indicators	38
Departments	2	Services	31

Governance

Goals	7	Indicators	43
Departments	3	Services	60

Goals :

UN SDG Goals mapped to the Strategic Pillar.

Indicators :

Targets/ Indicators from SDGs to be achieved and mapped with Strategic Pillar.

Departments :

Local Government bodies directly contributing towards achieving the SDG Goals and Indicators mapped to the Pillar.

Services :

Citizen Services identified for digital delivery for achieving the Indicators, Goals and ultimately Vision of the State.

Prioritized Service Portfolio

Primary Sector	30
Agriculture & Farmers' Welfare	15
Animal Husbandry & Veterinary	6
Fisheries	7
Textiles	2

Human Development	74
Food Civil Supplies & Consumer Affairs	5
Health & Family Welfare	15
Social Welfare	26
Education	28

Infrastructure Development	36
Commerce & Industry	9
Public Health Engineering	8
Transport	19

Entrepreneurship	31
Community & Rural Development	6
Tourism	4
Labour	21

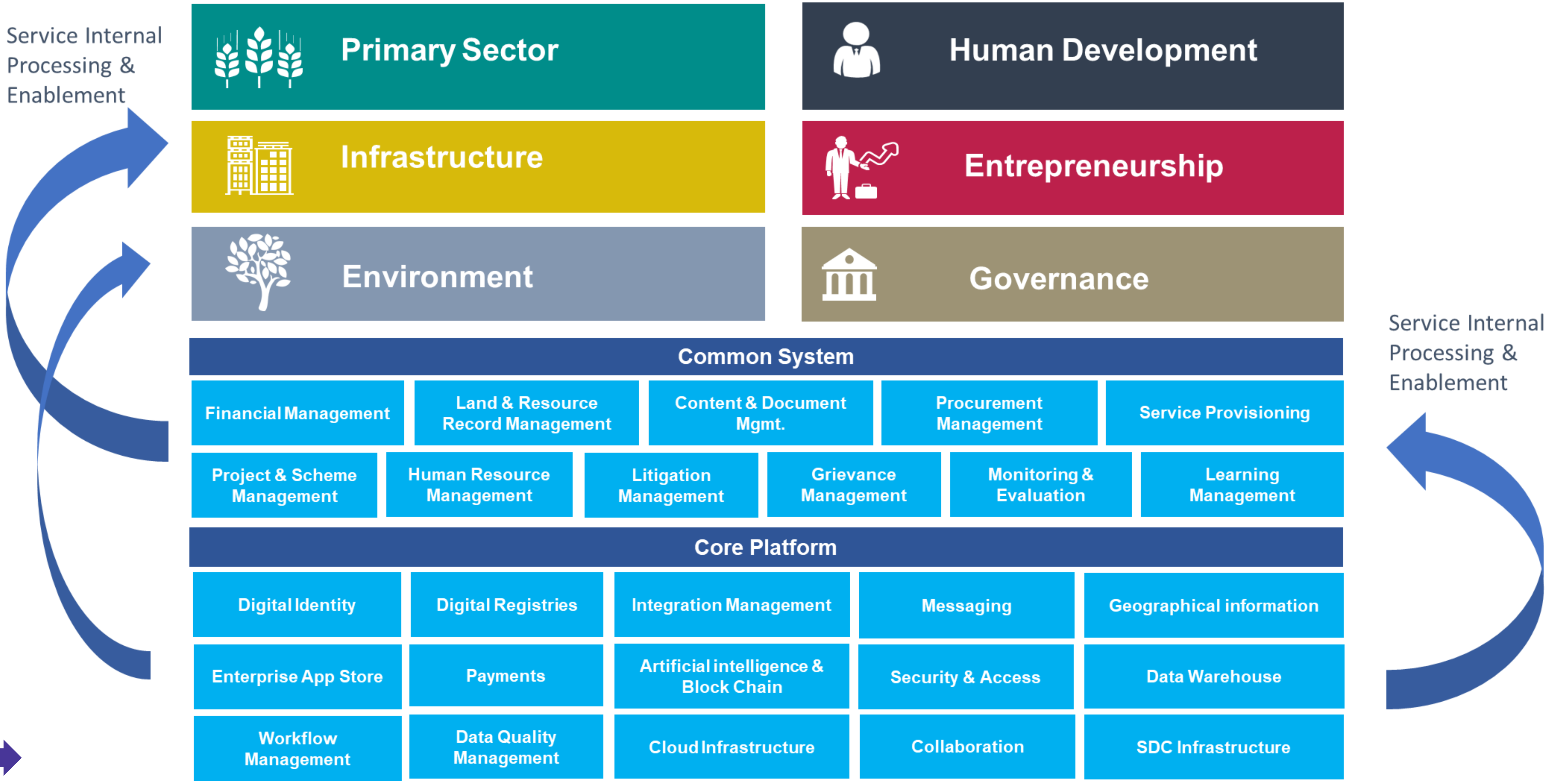
Environment	31
Forest & Environment	21
Mining & Geology	10

Governance	60
Excise Registration Taxation & Stamps	9
Planning	18
Finance	33

Services Portfolio

- Service List of :
  - Prioritized
  - Non-prioritized
  - New Services
- Service Catalogue:
  - Service Unique Code and Name
  - Service Description
  - Service Level
  - Service Delivery Channels
  - Service Location
- Service-Stakeholder mapping
- Service- Challenge mapping
- Service Life Cycle
- Service Interaction Matrix

Common Architecture Components : Minimum Viable Architecture



Service Internal Processing & Enablement

Primary Sector

Infrastructure

Environment

Human Development

Entrepreneurship

Governance

Service Internal Processing & Enablement

Common System

- Financial Management
- Land & Resource Record Management
- Content & Document Mgmt.
- Procurement Management
- Service Provisioning
- Project & Scheme Management
- Human Resource Management
- Litigation Management
- Grievance Management
- Monitoring & Evaluation
- Learning Management

Core Platform

- Digital Identity
- Digital Registries
- Integration Management
- Messaging
- Geographical information
- Enterprise App Store
- Payments
- Artificial intelligence & Block Chain
- Security & Access
- Data Warehouse
- Workflow Management
- Data Quality Management
- Cloud Infrastructure
- Collaboration
- SDC Infrastructure

Click here for details of Core Platform and Common System

Future State Service Catalogue

Service Code	Service Name	Description	Service Type	Service Delivery Location	Beneficiary Life Cycle Stage	Service Level (Days)
AFW.07	Financial Assistance for Purchase of Machinery	Financial Assistance to farmers for purchase of farm equipments and machinery including Honeybee colony, hives, Plant Protection Equipments, Power Tiller, Tractor etc.	G2C	State HQ District HQ Block Office CSC Web Mobile	Plantation	Service will be delivered in **XX days**

Service Name

Service Description

Service Delivery channels

Required for digital service design

To be incorporated in Meghalaya Right to service act

MeghEA - Pilot Implementation of Finance

	Vision & Scope of MeghEA	Sector wise High-Level Architecture	State-wide Detailed Architecture	Blueprint for MeghEA Implementation	**Implementation** Finance Solution Architecture
Accomplishments	19 Departments Assessed	50+ IT Systems Assessed 700+ Services Identified	200+ Services Prioritized	Budgetary Requirements & Roadmap Prepared	Scheme Mgmt., BEAMS, State Integration Platform, TreasuryNet, e-Billing, iOBS Roll-out

MeghEA - Pilot Implementation of Finance

Primary Sector	30
Agriculture & Farmers' Welfare	15
Animal Husbandry & Veterinary	6
Fisheries	7
Textiles	2

Human Development	74
Food Civil Supplies & Consumer Affairs	5
Health & Family Welfare	15
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Education	28

Infrastructure Development	36
Commerce & Industry	9
Public Health Engineering	8
Transport	19

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Community & Rural Development	6
Tourism	4
Labour	21

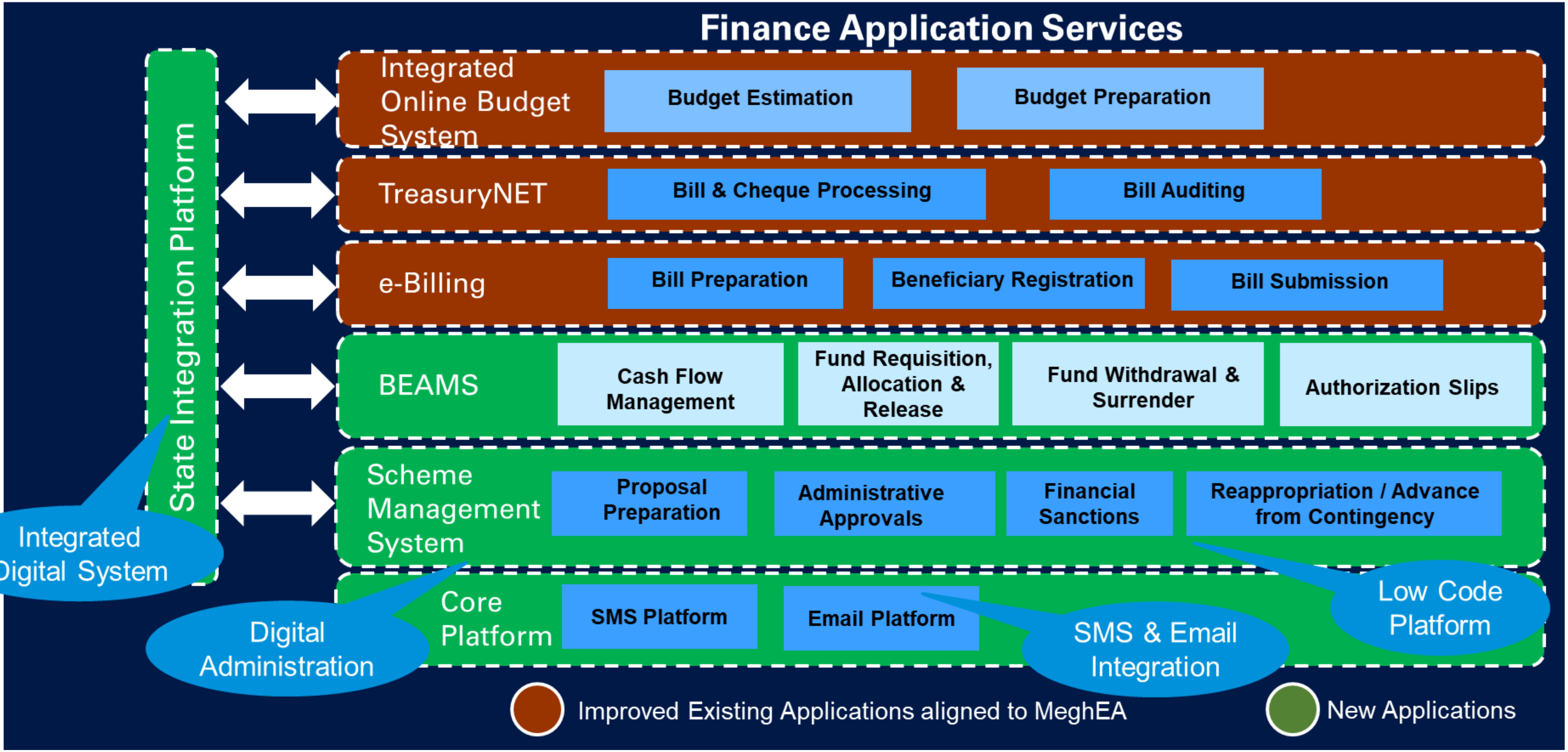
Environment	31
Forest & Environment	21
Mining & Geology	10

Governance	60
Excise Registration Taxation & Stamps	9
Planning	18
Finance	33

Implementation of MeghEA

- **Finance Services**
  - Implementation of new digital services in existing systems
  - System re-architecture (modernization aligned to architecture assessment)
  - New system implementations

Finance - Solution Architecture



Finance Application Services

State Integration Platform

Integrated Online Budget System
- Budget Estimation
- Budget Preparation

TreasuryNET
- Bill & Cheque Processing
- Bill Auditing

e-Billing
- Bill Preparation
- Beneficiary Registration
- Bill Submission

BEAMS
- Cash Flow Management
- Fund Requisition, Allocation & Release
- Fund Withdrawal & Surrender
- Authorization Slips

Scheme Management System
- Proposal Preparation
- Administrative Approvals
- Financial Sanctions
- Reappropriation / Advance from Contingency

Core Platform
- SMS Platform
- Email Platform

Integrated Digital System

Digital Administration

SMS & Email Integration

Low Code Platform

🟥 Improved Existing Applications aligned to MeghEA

🟩 New Applications

Launch of MeghEA Integrated Finance Solution

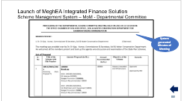
Journey Transformation of a Proposal File

Directorate

- LDA/ UDA
- Planning Officer
- FAO
- Assist. Director
- Director (HoD)

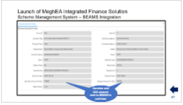
Launch of MeghEA Integrated Finance Solution
Scheme Management System – Proposal Form

Basic Details of the Proposal
Linkage of Proposal with state Priorities & SDGs



Launch of MeghEA Integrated Finance Solution
Scheme Management System – MoM - Departmental Committee

Departmental Committee & Minister Approval



Launch of MeghEA Integrated Finance Solution
Scheme Management System – BEAMS Integration

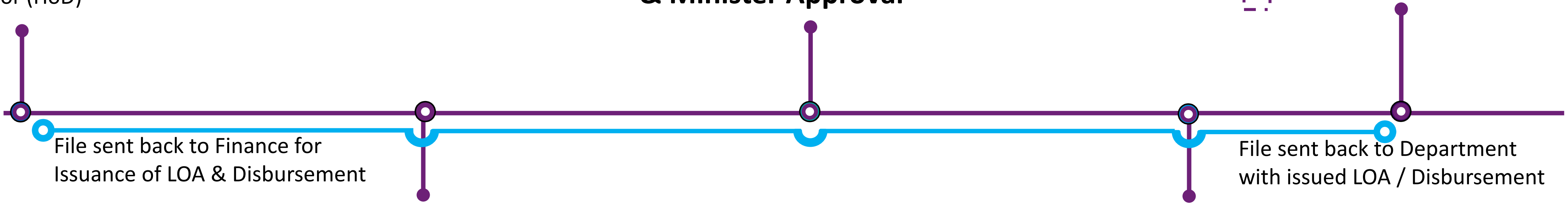
Sanction and LOA amount sent to BEAMS in real time

Finance Department

- Under Secretary
- Joint Secretary
- Secretary
- Commissioner & Secretary
- Minister

Launch of MeghEA Integrated Finance Solution
Amount Sanctioned from Scheme Mgmt. in BEAMS

Sanctioned Amount from Scheme Management System



File sent back to Finance for Issuance of LOA & Disbursement

File sent back to Department with issued LOA / Disbursement

Administrative Department

- LDA/ UDA
- Under Secretary
- Finance Officer
- Joint Secretary
- Secretary
- Commissioner & Secretary

Launch of MeghEA Integrated Finance Solution
Scheme Management System – Decisions

Launch of MeghEA Integrated Finance Solution
Scheme Management System – Sanction Order

Government of Meghalaya
Soil & Water Conservation Department

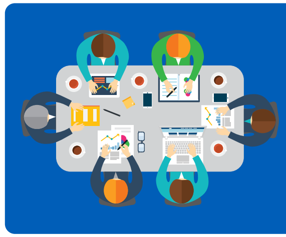
System generated sanction order in predefined format

Planning Department

- Research Officer
- Under Secretary
- Joint Secretary
- Secretary
- Commissioner & Secretary
- Minister

Launch of MeghEA Integrated Finance Solution

Benefits of MeghEA Implementation

Outcome	Benefits
 **7X**	Faster and seamless sanctions and disbursement of funds
120+ Man Years	Digital System driven efficient tracking of proposals
130+ Man Days	Dashboard based efficient monitoring of expenditures and sanctions

Launch of MeghEA Integrated Finance Solution

Functionalities of NIC Systems

BEAMS

- Cash Flow Management
- Fund Requisition
- Fund Allocation
- Fund Release
- Fund Withdrawal
- Fund Surrender
- Authorization Slips

e - Billing

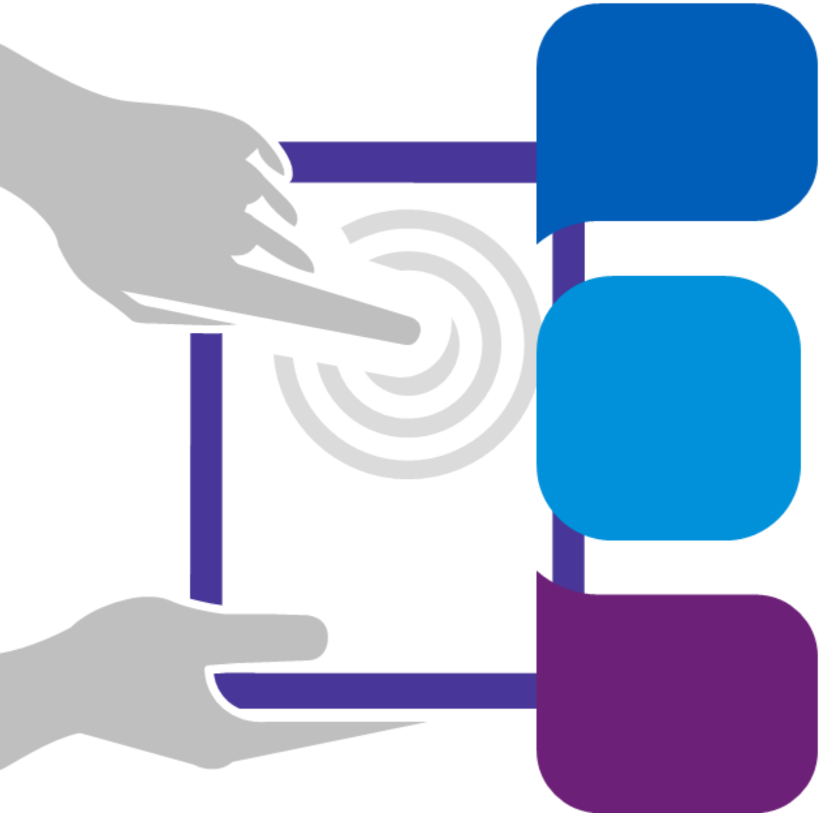
- Beneficiary Registration
- Bill Preparation
- Bills Submission
- Bills Monitoring

Pensioner Life Certificate using Facial Recognition

- One time Registration
- Verification by Treasury officer
- Live Photo Capturing
- Liveness Confirmation
- Marital status Declaration
- Employment status declaration

MeghEA - Digital Service Implementation Platform features

New System : eProposal System



- **Low Code No Code platform**
- **Inbuilt Form Builder**
- **Configurable Workflow**
- **Easy of Integration through inbuilt APIs**

Enables faster development of services

Enables department technical officers to implement new services

Effective service integration with minimum technical effort

Click here for details

MeghEA - Value Realization

Before MeghEA	After MeghEA
1 Fragmented systems and manual reporting	1 Integrated Real-Time Reporting
2 Manual processing of sanction/ administrative approval	2 Digital workflow implementation
3 Paper based file management – high stationery and printing cost	3 Digital Administration
4 Lack of traceability of approval status of sanctions	4 Digital Tracking through system and SMS, Email Notifications
5 Repetitive process of approvals, LOA and final disbursement	5 Integrated Digital system and Process Reengineering

MeghEA - Benefit Realization

Outcome	Benefits
7X	Faster and seamless sanctions and disbursement of funds
120+ Man Years	Digital System driven efficient tracking of proposals
130+ Man Days	Dashboard based efficient monitoring of expenditures and sanctions

Next Steps

- Setting up of Aadhaar AUA in the State

- Department wise Implementation of Prioritized Services

- Implementation of rest of the Architecture Building Blocks

- Procurement of Computers, IT Infrastructure devices and Implementation Partners

Appendix

Common Architecture Components : Applications

Common System

Component	Application
Financial Management	Integrated Financial Management
Land & Resource Record Management	Meghalaya Computerized Land Record System
Content, Document Management, Citizen Locker	CM- TBD DM- E-Office CL - DigiLocker
Service Provisioning	Service Plus
Project & Scheme Management	New Scheme Management System
Human Resource Management	E-HRMS
Litigation Management	E-Courts
Grievance Management	MegPGRAMS
Monitoring & Evaluation	State Integrated Dashboard
Learning Management	LMS
Procurement Management	GePNIC GEM

Core Platform

Component	Application
Digital Identity	Aadhar Gateway
Digital Registries	State Data Hub
Integration Management	State Service Bus & API Gateway
Messaging	NIC Meghalaya SMS & Email Gateway
Geographical Information	NCoG
Enterprise App Store	Umang
Payments	GRAS Gateway
AI & Block Chain	AI – Megha Chatbot Block Chain - TBD
Security & Access	Parichay
Data Warehouse	TBD
Workflow Management	TBD
Data Quality Management	TBD
Digital Signature	eSign/ DSC
Collaboration	NIC GIMS
Cloud & SDC Infrastructure	IT Asset Management, EA Tool, DevOps Tool
Consent Manager	TBD

Application Architecture: As-Is State

Primary Sector
- 1917iTeams System
- Meghalaya Agri Board
- Farm Mechanization
- Soil Health Card, Agri Mark NET, PM Kisan

Human Development
- MHIS
- TIMS
- ePDS, ERCMS, TPDS
- SIMS
- DCMS, Anna Vitran
- E-Hospital, ORS
- TrachChild, NSAP
- MegFEAST
- Mid-Day Meal , NSP, MeritList
- UDISE+,MBOSE

Infrastructure
- Vahan
- Sarathi

Environment
- Mining Tenement System
- PM Khanij Kshetra Kalyan Yojana Portal

Governance
- Mother App
- VAT (e-Registration)
- VAT(e-Return)
- VAT (e-c-Form)
- VAT (e-Amendment)
- GRAS
- Planning MIS
- IFMS
- TreasuryNET
- DivisionNET
- E-Billing
- DM Dashboard
- Megh-e-billing
- TreasuryNET
- DivisionNET
- GRAS
- iFMS
- MeghDBT

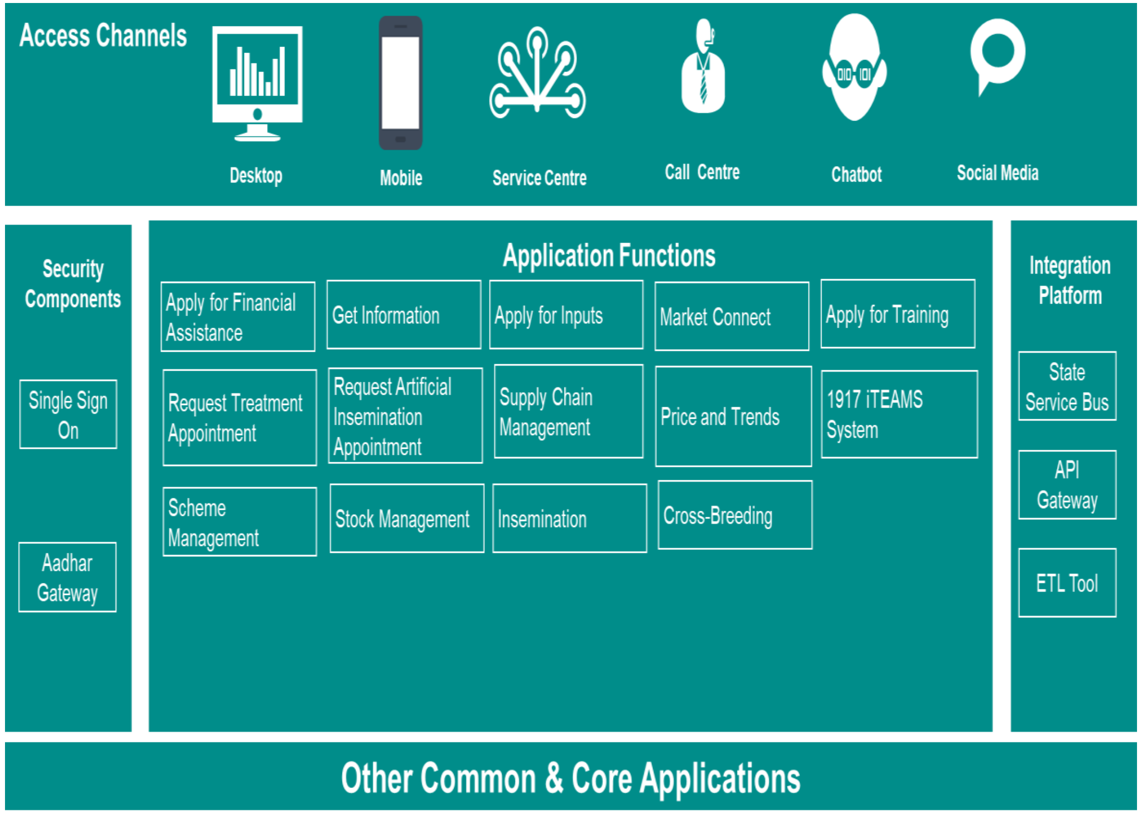
Entrepreneurship
- Tourism
- Invest Meghalaya
- Labour & Community Development

Common Systems
- iOBS
- MeghNPS
- MeghCPPS
- MeghEIS
- Service Plus
- Web Portals

As-Is State Analysis

- Low Digital footprint
- Ranked low in NESDA ranking
- Department centric approach & fragmented development plan
- Mostly manual service delivery
- Integration of services does not exist
- Outdated and obsolete technology
- Several data quality issues
- Low adherence to standards and principles of GoI
- Low awareness of E-Governance systems

Application Architecture: Future State (1/3)



Access Channels

Desktop
Mobile
Service Centre
Call Centre
Chatbot
Social Media

Security Components

Single Sign On
Aadhar Gateway

Application Functions

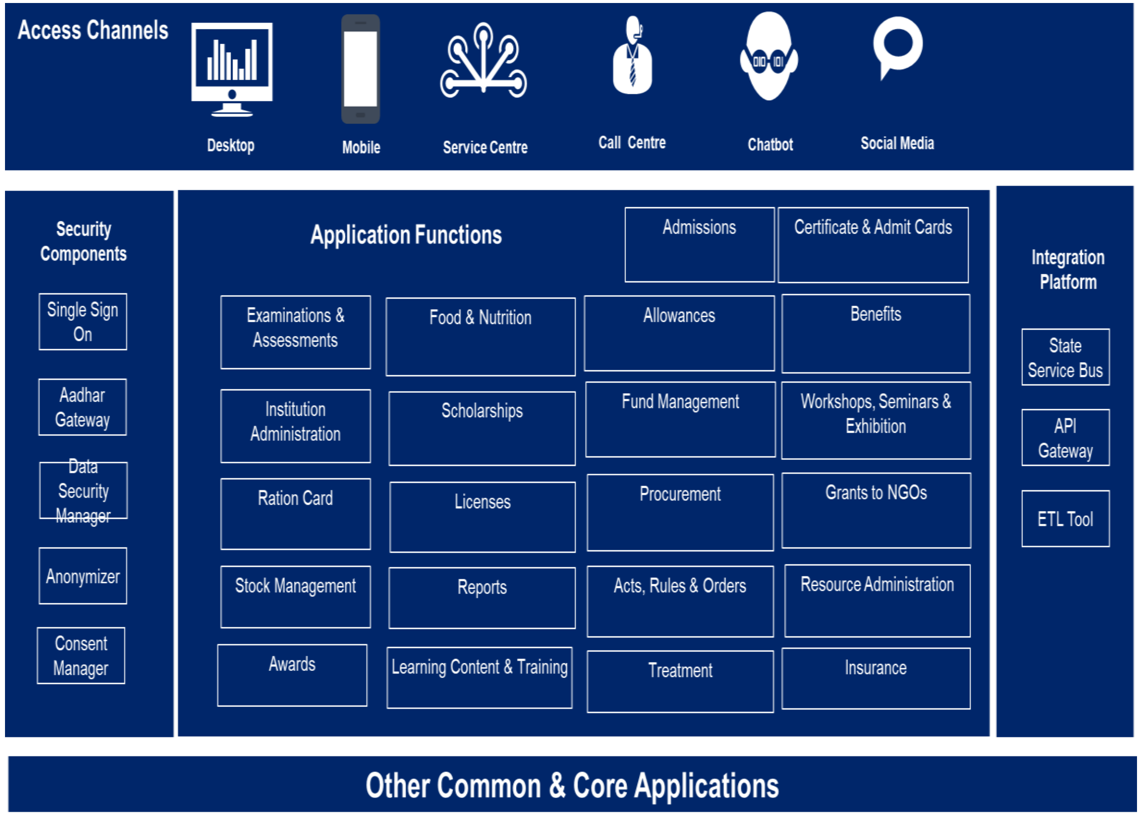
Apply for Financial Assistance
Get Information
Apply for Inputs
Market Connect
Apply for Training
Request Treatment Appointment
Request Artificial Insemination Appointment
Supply Chain Management
Price and Trends
1917 iTEAMS System
Scheme Management
Stock Management
Insemination
Cross-Breeding

Integration Platform

State Service Bus
API Gateway
ETL Tool

Other Common & Core Applications

Primary Sector



Access Channels

Desktop
Mobile
Service Centre
Call Centre
Chatbot
Social Media

Security Components

Single Sign On
Aadhar Gateway
Data Security Manager
Anonymizer
Consent Manager

Application Functions

Admissions
Certificate & Admit Cards
Examinations & Assessments
Food & Nutrition
Allowances
Benefits
Institution Administration
Scholarships
Fund Management
Workshops, Seminars & Exhibition
Ration Card
Licenses
Procurement
Grants to NGOs
Stock Management
Reports
Acts, Rules & Orders
Resource Administration
Awards
Learning Content & Training
Treatment
Insurance

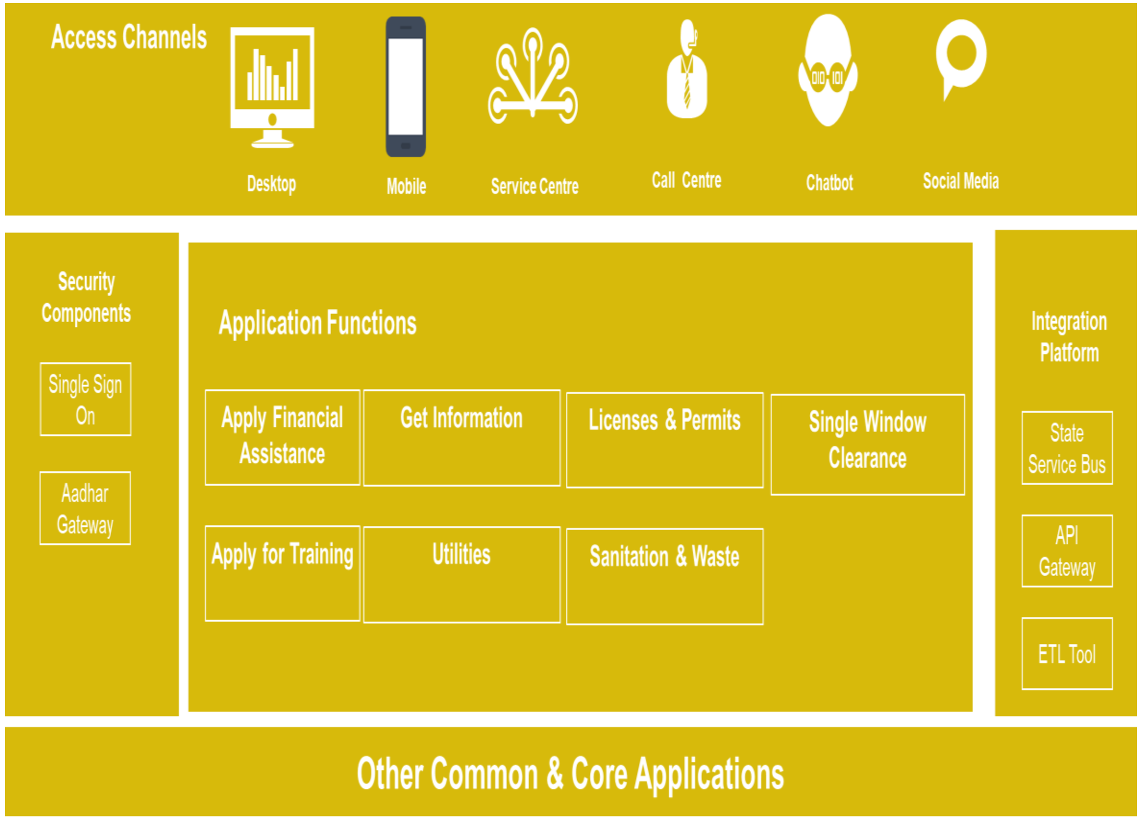
Integration Platform

State Service Bus
API Gateway
ETL Tool

Other Common & Core Applications

Human Development

Application Architecture: Future State (2/3)



Access Channels

Desktop
Mobile
Service Centre
Call Centre
Chatbot
Social Media

Security Components

- Single Sign On
- Aadhar Gateway

Application Functions

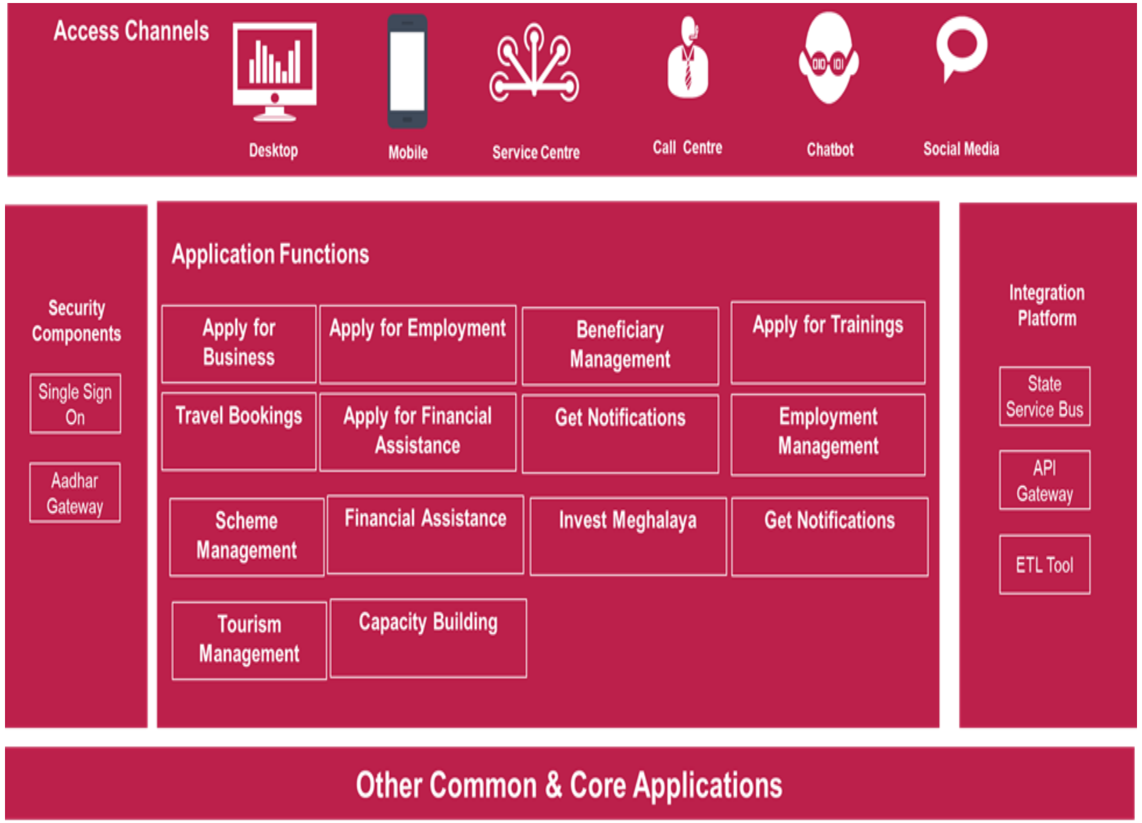
- Apply Financial Assistance
- Get Information
- Licenses & Permits
- Single Window Clearance
- Apply for Training
- Utilities
- Sanitation & Waste

Integration Platform

- State Service Bus
- API Gateway
- ETL Tool

Other Common & Core Applications

Infrastructure



Access Channels

Desktop
Mobile
Service Centre
Call Centre
Chatbot
Social Media

Security Components

- Single Sign On
- Aadhar Gateway

Application Functions

- Apply for Business
- Apply for Employment
- Beneficiary Management
- Apply for Trainings
- Travel Bookings
- Apply for Financial Assistance
- Get Notifications
- Employment Management
- Scheme Management
- Financial Assistance
- Invest Meghalaya
- Get Notifications
- Tourism Management
- Capacity Building

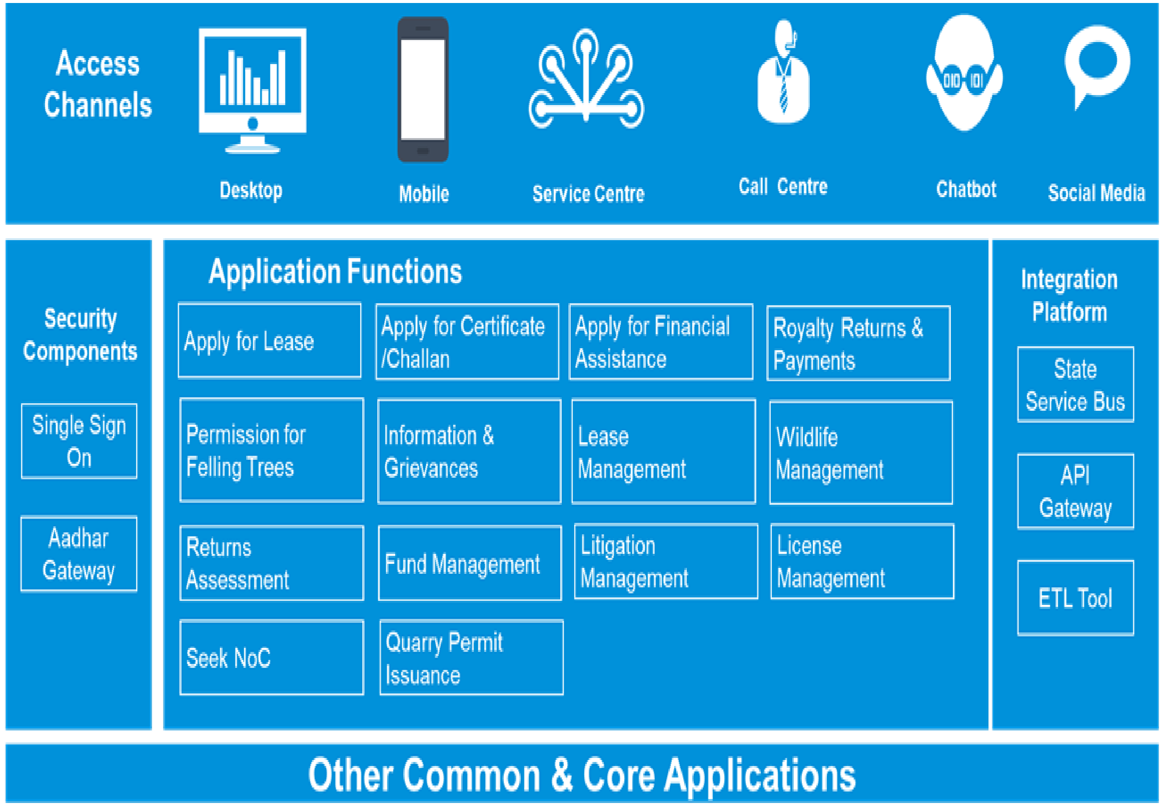
Integration Platform

- State Service Bus
- API Gateway
- ETL Tool

Other Common & Core Applications

Entrepreneurship

Application Architecture: Future State (3/3)



Access Channels

Desktop

Mobile

Service Centre

Call Centre

Chatbot

Social Media

Security Components

Single Sign On

Aadhar Gateway

Application Functions

- Apply for Lease
- Apply for Certificate /Challan
- Apply for Financial Assistance
- Royalty Returns & Payments
- Permission for Felling Trees
- Information & Grievances
- Lease Management
- Wildlife Management
- Returns Assessment
- Fund Management
- Litigation Management
- License Management
- Seek NoC
- Quarry Permit Issuance

Integration Platform

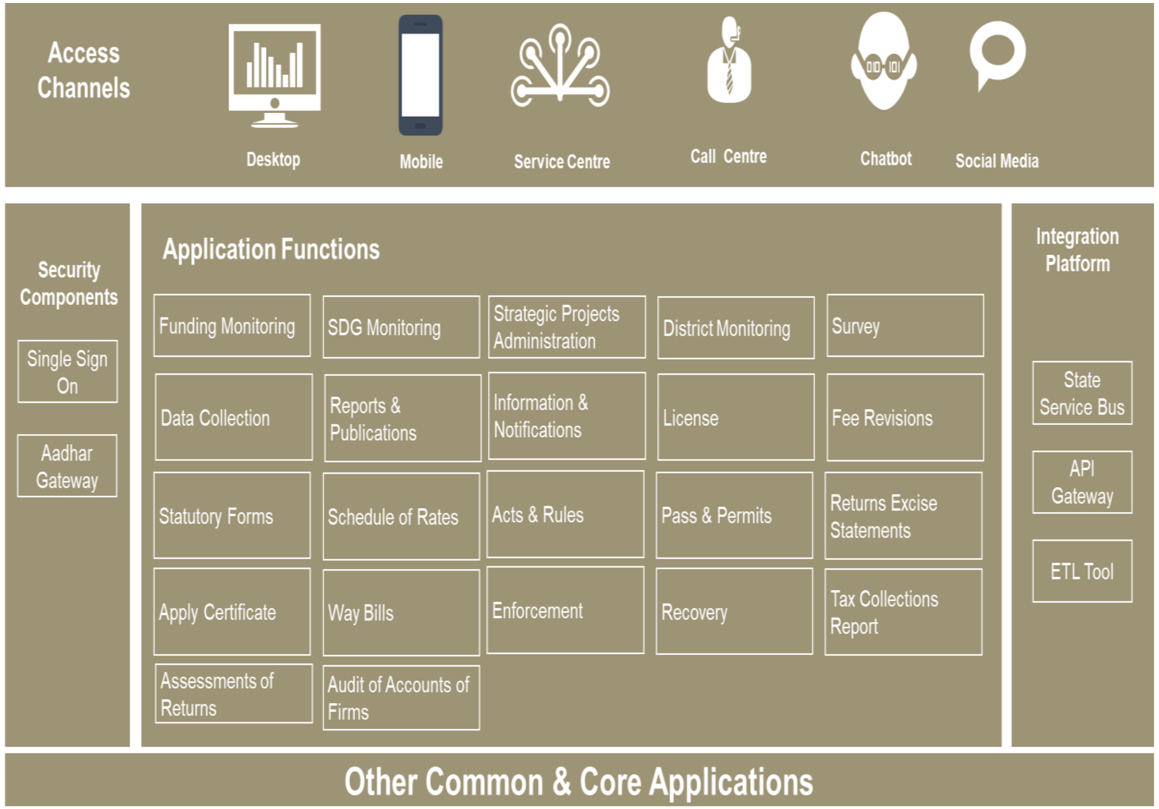
State Service Bus

API Gateway

ETL Tool

Other Common & Core Applications

Environment



Access Channels

Desktop

Mobile

Service Centre

Call Centre

Chatbot

Social Media

Security Components

Single Sign On

Aadhar Gateway

Application Functions

- Funding Monitoring
- SDG Monitoring
- Strategic Projects Administration
- District Monitoring
- Survey
- Data Collection
- Reports & Publications
- Information & Notifications
- License
- Fee Revisions
- Statutory Forms
- Schedule of Rates
- Acts & Rules
- Pass & Permits
- Returns Excise Statements
- Apply Certificate
- Way Bills
- Enforcement
- Recovery
- Tax Collections Report
- Assessments of Returns
- Audit of Accounts of Firms

Integration Platform

State Service Bus

API Gateway

ETL Tool

Other Common & Core Applications

Governance

Other Systems Enabling MeghEA

BEAMS

- Cash Flow Management
- Fund Requisition
- Fund Allocation
- Fund Release
- Fund Withdrawal
- Fund Surrender
- Authorization Slips

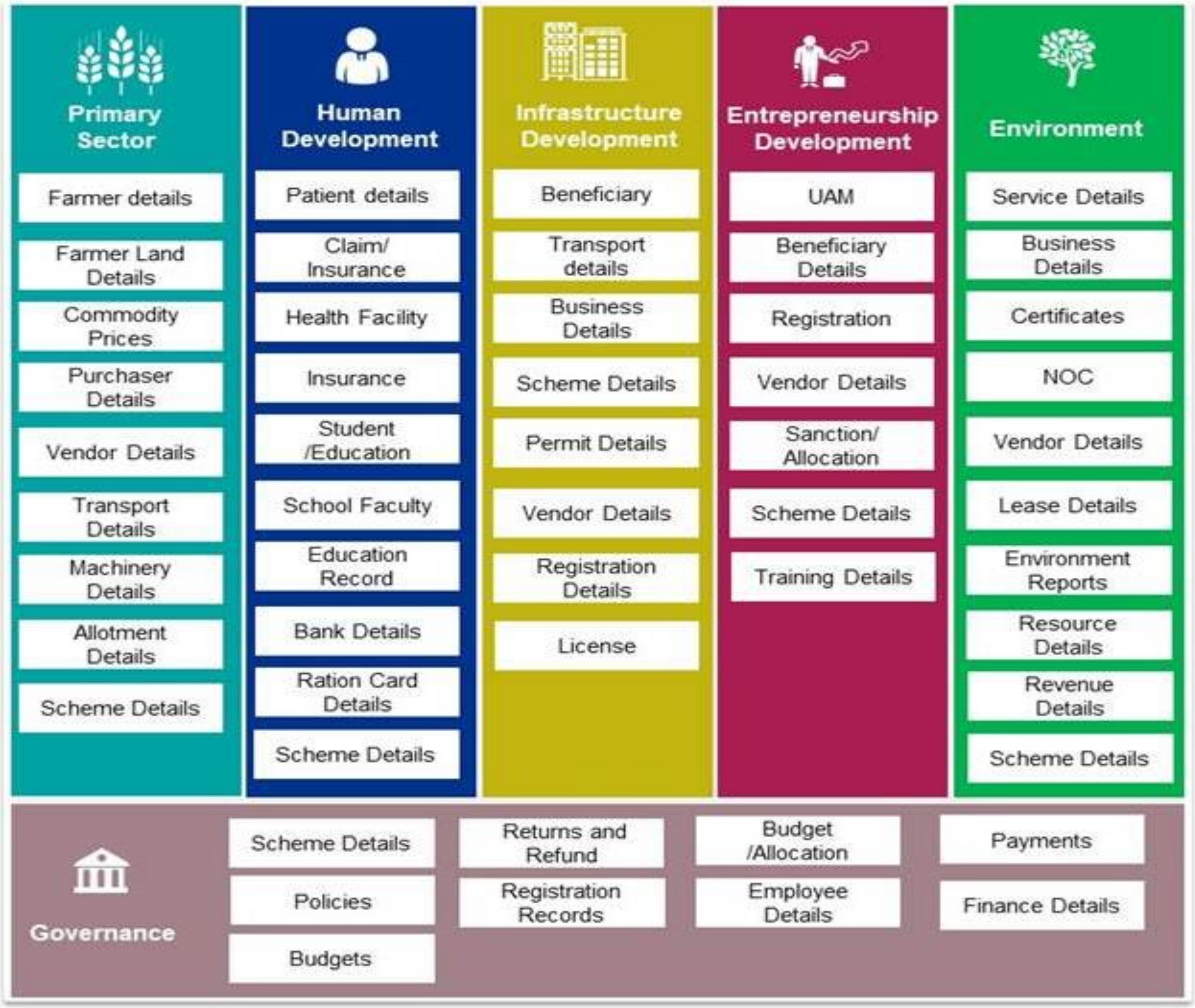
e - Billing

- Beneficiary Registration
- Bill Preparation
- Bills Submission
- Bills Monitoring

Pensioner Life Certificate using Facial Recognition

- One time Registration
- Verification by Treasury officer
- Live Photo Capturing
- Liveness Confirmation
- Marital status Declaration
- Employment status declaration

Data Architecture: Entities & Key Recommendations



Primary Sector
- Farmer details
- Farmer Land Details
- Commodity Prices
- Purchaser Details
- Vendor Details
- Transport Details
- Machinery Details
- Allotment Details
- Scheme Details

Human Development
- Patient details
- Claim/ Insurance
- Health Facility
- Insurance
- Student /Education
- School Faculty
- Education Record
- Bank Details
- Ration Card Details
- Scheme Details

Infrastructure Development
- Beneficiary
- Transport details
- Business Details
- Scheme Details
- Permit Details
- Vendor Details
- Registration Details
- License

Entrepreneurship Development
- UAM
- Beneficiary Details
- Registration
- Vendor Details
- Sanction/ Allocation
- Scheme Details
- Training Details

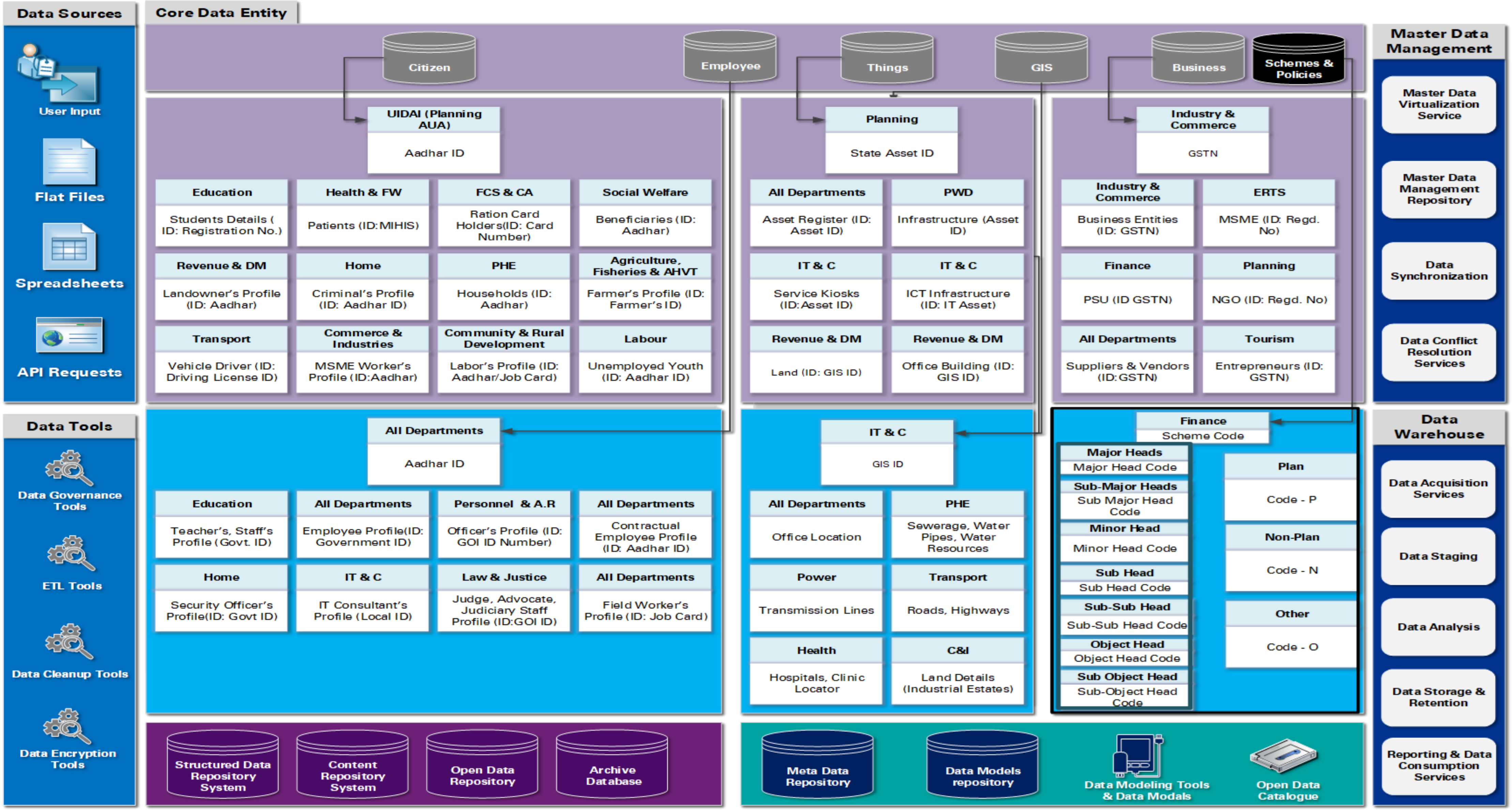
Environment
- Service Details
- Business Details
- Certificates
- NOC
- Vendor Details
- Lease Details
- Environment Reports
- Resource Details
- Revenue Details
- Scheme Details

Governance
- Scheme Details
- Policies
- Budgets
- Returns and Refund
- Registration Records
- Budget /Allocation
- Employee Details
- Payments
- Finance Details

Data Architecture Recommendations

- Standards & Principal Adherence
- Data Quality Management
- Data Quality Monitoring
  - Stakeholder roles
  - RACI Matrix
  - Events and response
  - Reporting procedures
- Data Communication Matrix
- Data Warehouse Strategy
- Metadata

Digital Registries and Data Tools



Data Sources

User Input

Flat Files

Spreadsheets

API Requests

Core Data Entity

Citizen

Employee

Things

GIS

Business

Schemes & Policies

UIDAI (Planning AUA)
Aadhar ID

Education
Students Details (ID: Registration No.)

Health & FW
Patients (ID:MIHIS)

FCS & CA
Ration Card Holders(ID: Card Number)

Social Welfare
Beneficiaries (ID: Aadhar)

Revenue & DM
Landowner's Profile (ID: Aadhar)

Home
Criminal's Profile (ID: Aadhar ID)

PHE
Households (ID: Aadhar)

Agriculture, Fisheries & AHVT
Farmer's Profile (ID: Farmer's ID)

Transport
Vehicle Driver (ID: Driving License ID)

Commerce & Industries
MSME Worker's Profile (ID:Aadhar)

Community & Rural Development
Labor's Profile (ID: Aadhar/Job Card)

Labour
Unemployed Youth (ID: Aadhar ID)

Planning
State Asset ID

All Departments
Asset Register (ID: Asset ID)

PWD
Infrastructure (Asset ID)

IT & C
Service Kiosks (ID: Asset ID)

IT & C
ICT Infrastructure (ID: IT Asset)

Revenue & DM
Land (ID: GIS ID)

Revenue & DM
Office Building (ID: GIS ID)

Industry & Commerce
GSTN

Industry & Commerce
Business Entities (ID: GSTN)

ERTS
MSME (ID: Regd. No)

Finance
PSU (ID GSTN)

Planning
NGO (ID: Regd. No)

All Departments
Suppliers & Vendors (ID: GSTN)

Tourism
Entrepreneurs (ID: GSTN)

All Departments
Aadhar ID

Education
Teacher's, Staff's Profile (Govt. ID)

All Departments
Employee Profile(ID: Government ID)

Personnel & A.R
Officer's Profile (ID: GOI ID Number)

All Departments
Contractual Employee Profile (ID: Aadhar ID)

Home
Security Officer's Profile(ID: Govt ID)

IT & C
IT Consultant's Profile (Local ID)

Law & Justice
Judge, Advocate, Judiciary Staff Profile (ID:GOI ID)

All Departments
Field Worker's Profile (ID: Job Card)

IT & C
GIS ID

All Departments
Office Location

PHE
Sewerage, Water Pipes, Water Resources

Power
Transmission Lines

Transport
Roads, Highways

Health
Hospitals, Clinic Locator

C&I
Land Details (Industrial Estates)

Finance
Scheme Code

Major Heads
Major Head Code

Sub-Major Heads
Sub Major Head Code

Minor Head
Minor Head Code

Sub Head
Sub Head Code

Sub-Sub Head
Sub-Sub Head Code

Object Head
Object Head Code

Sub Object Head
Sub-Object Head Code

Plan
Code - P

Non-Plan
Code - N

Other
Code - O

Structured Data Repository System

Content Repository System

Open Data Repository

Archive Database

Meta Data Repository

Data Models repository

Data Modeling Tools & Data Modals

Open Data Catalogue

Master Data Management

Master Data Virtualization Service

Master Data Management Repository

Data Synchronization

Data Conflict Resolution Services

Data Tools

Data Governance Tools

ETL Tools

Data Cleanup Tools

Data Encryption Tools

Data Warehouse

Data Acquisition Services

Data Staging

Data Analysis

Data Storage & Retention

Reporting & Data Consumption Services

Success Measurement - Outcome Metrics (1/2)

Strategic/ Cross-cutting Pillar	Index	2019	2030- Aspirational State	MeghEA Success Measure
Primary Sector	Agricultural Marketing and Farmer Friendly Reforms Index	Rank - **26** out of 30 States Rank - **3** out of 5 NE small States	Top **10** rank **#1** in NE	Percentage of improvement Y-o-Y
	Inland Fish Production (Measured in metric ton per capita)	Rank - **18** out of 35 States & UTs Rank - 5 out of 7 NE States	Top **10** rank **#1** in NE	Percentage of improvement Y-o-Y
Infrastructure	Swatch Survekshan Grameen 2018	Rank - **10** out of 28 States & UTs Rank - 5 out of 8 Small States	Top **10** rank **#1** among small states	Percentage of improvement in 3 years time frame
	Ease of Doing Business Index	Rank **34** among 36 states; **6** out 7 states in NE	Top 10 rank **#1** in NE	Percentage of improvement Y-o-Y
	LEADS –Logistics Ease Across Different States	Rank - **30** out of 32 States & UTs Rank - **3** out of 5 NE small States	Top **10** rank #1 in NE	Percentage of improvement Y-o-Y
Human Development	Human Development Index	Rank - **26** out of 36 States & UTs Rank - **6** out of 7 NE States	Top **10** rank **#1** in NE	Percentage of improvement as per Index report
	Composite Health Index	Rank **5** among 8 small states, categorized as "**Achievers**"	Top **10** among all states	Percentage of improvement Y-o-Y
	School Education Index	Rank **35** among 36 states, **7** out 8 small states	Top **10** rank **#1** among small states	Percentage of improvement Y-o-Y
	Social Progress Index	Rank **21** among 28 states, **6** out 8 small states	Top **10** rank **#1** among NE states	Percentage of improvement Y-o-Y

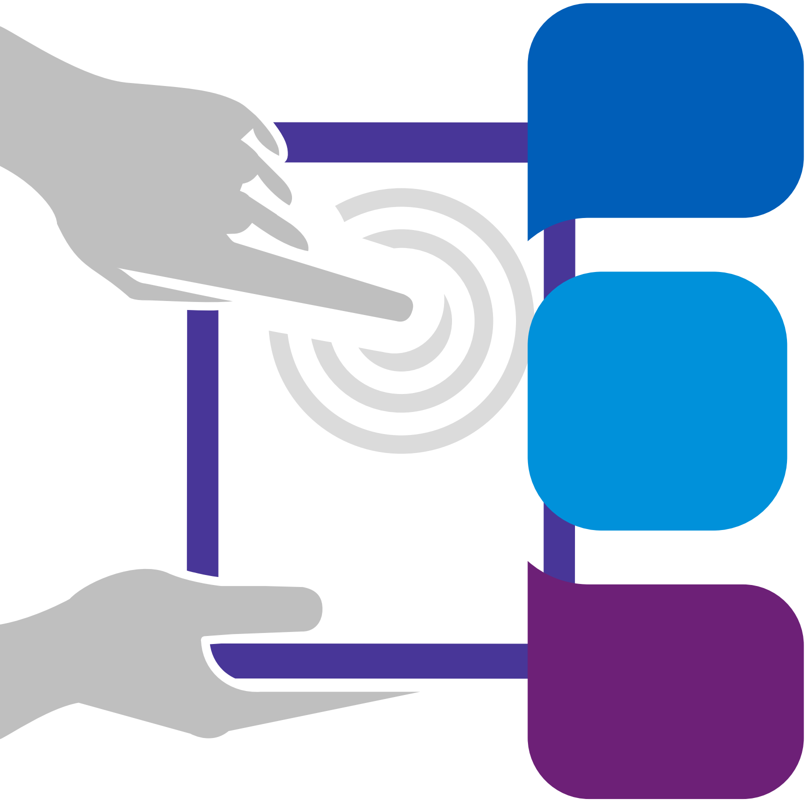
Success Measurement - Outcome Metrics (2/2)

Strategic/ Cross-cutting Pillar	Index	2019	2030- Aspirational State	MeghEA Success Measure
Entrepreneurship	Ease of Doing Business Index	Rank **34** among 36 states; **6** out 7 states in NE	Top 10 rank **#1** in NE	Percentage of improvement Y-o-Y
	India Innovation Index	Rank 11 out of 11 NE & Hill States	**#1** in NE	Percentage of improvement Y-o-Y
	States' Start-up Ranking 2018	Meghalaya has not been ranked	Top 10 rank **#1** in NE	Percentage of improvement Y-o-Y
Governance	Good Governance Index	Rank **18** among 36 states & UTs; **5** out 8 states in NE & Hill states	Top **10** among 36 states; **#1** in NE & Hill states	Percentage of improvement in 2 years
	SDG India Ranking	Rank **25** among 29 states; **6** out 7 states in NE	Top **10** among 29 states; **#1** in NE	Percentage of improvement in 2 years
	National e-Governance Service Delivery Assessment 2019	Rank **20** among 26 states; **7** out of 9 states in NE & Hill states	Top **10** among 26 states; **#1** in NE & Hill states	Percentage of improvement in 2 years
Environment	Environmental Sustainability Index	Rank (7th -11t)) among all states and UTs,	Top **5** among states;	Percentage of improvement in 2 years
All departments	SDG Indicators mentioned in Detailed Architecture Requirements Document			Achieving targets mentioned in Detailed Architecture Requirements

Scheme Management System

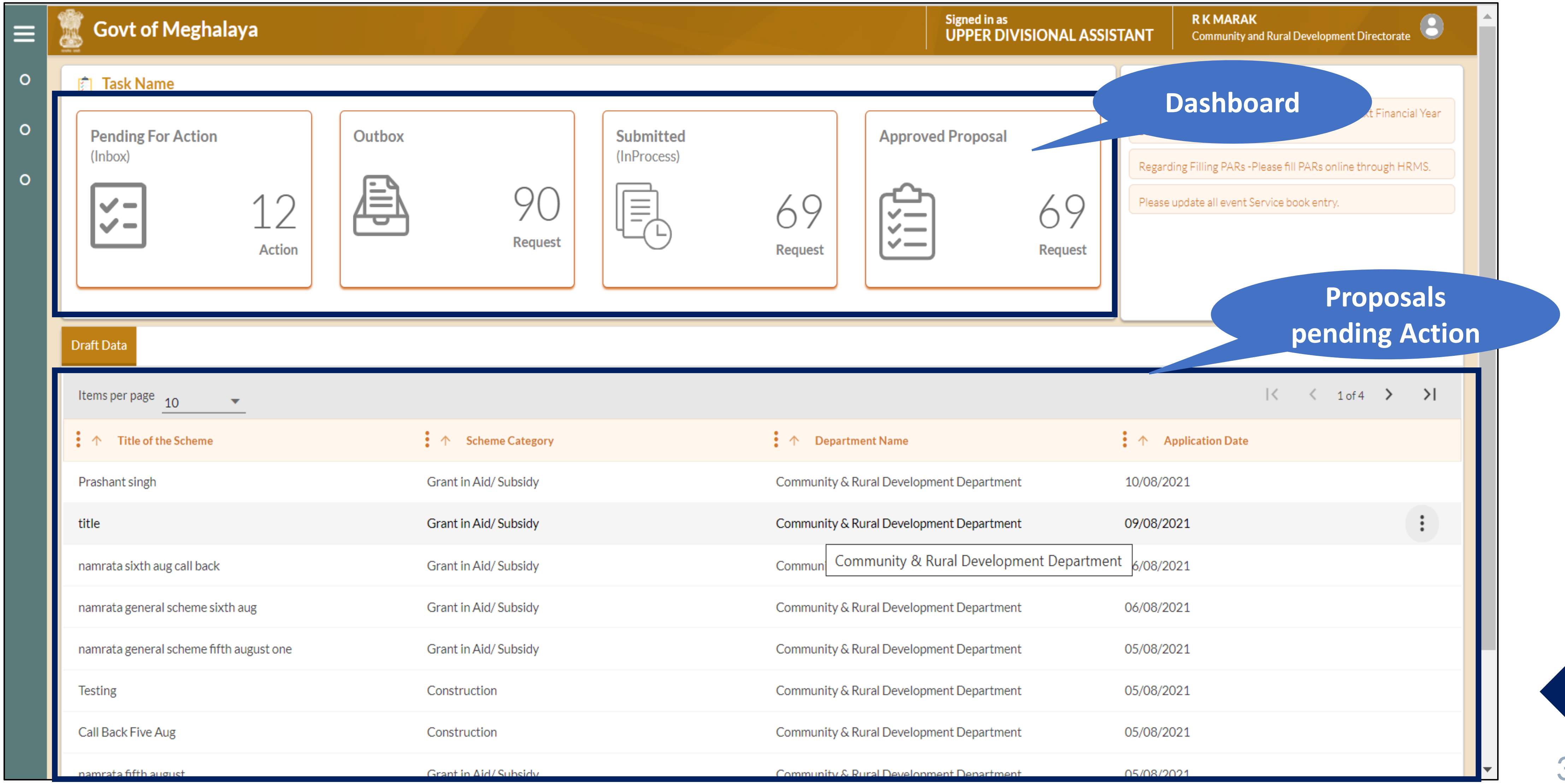
Launch of MeghEA Integrated Finance Solution

Features of Scheme Management System



- **Low Code No Code platform**
- **Inbuilt Form Builder**
- **Configurable Workflow**
- **Easy of Integration through inbuilt APIs**

Scheme Management System – Dashboard



Signed in as
UPPER DIVISIONAL ASSISTANT

R K MARAK
Community and Rural Development Directorate

Task Name

Pending For Action (Inbox)	Outbox	Submitted (InProcess)	Approved Proposal
12 Action	90 Request	69 Request	69 Request

…t Financial Year

Regarding Filling PARs -Please fill PARs online through HRMS.

Please update all event Service book entry.

Items per page 10

1 of 4

Title of the Scheme	Scheme Category	Department Name	Application Date
Prashant singh	Grant in Aid/ Subsidy	Community & Rural Development Department	10/08/2021
title	Grant in Aid/ Subsidy	Community & Rural Development Department	09/08/2021
namrata sixth aug call back	Grant in Aid/ Subsidy	Commun	6/08/2021
namrata general scheme sixth aug	Grant in Aid/ Subsidy	Community & Rural Development Department	06/08/2021
namrata general scheme fifth august one	Grant in Aid/ Subsidy	Community & Rural Development Department	05/08/2021
Testing	Construction	Community & Rural Development Department	05/08/2021
Call Back Five Aug	Construction	Community & Rural Development Department	05/08/2021
namrata fifth august	Grant in Aid/ Subsidy	Community & Rural Development Department	05/08/2021

Community & Rural Development Department

Dashboard

Proposals pending Action

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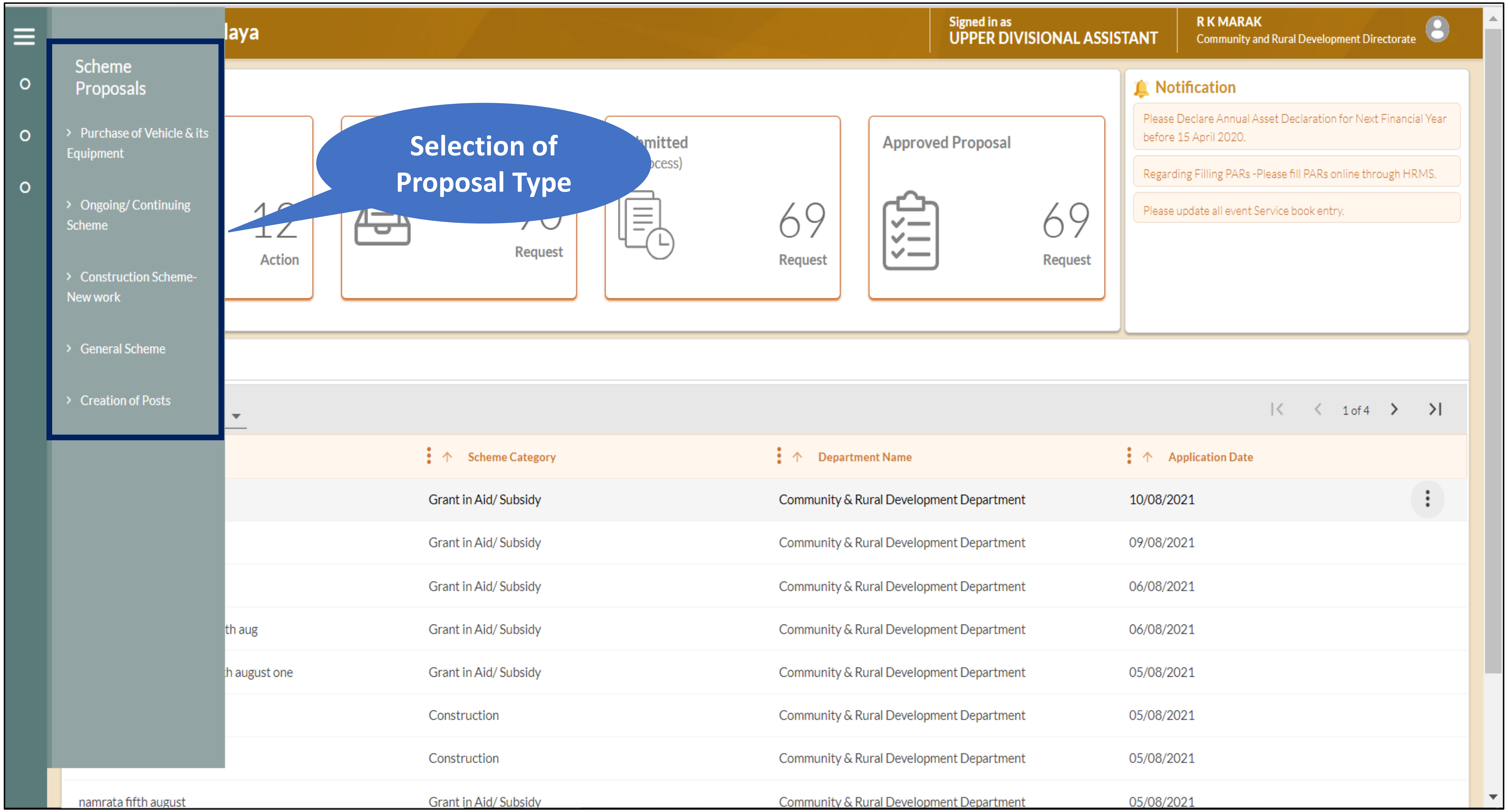
Scheme Management System – Scheme Selection


Selection of Proposal Type

laya
Signed in as
UPPER DIVISIONAL ASSISTANT
R K MARAK
Community and Rural Development Directorate
Scheme Proposals
› Purchase of Vehicle & its Equipment
› Ongoing/ Continuing Scheme
› Construction Scheme- New work
› General Scheme
› Creation of Posts
12
Action
Request
mitted
cess)
69
Request
Approved Proposal
69
Request
Notification
1 of 4

Please Declare Annual Asset Declaration for Next Financial Year before 15 April 2020.

Regarding Filling PARs -Please fill PARs online through HRMS.

Please update all event Service book entry.

	Scheme Category	Department Name	Application Date
	Grant in Aid/ Subsidy	Community & Rural Development Department	10/08/2021
	Grant in Aid/ Subsidy	Community & Rural Development Department	09/08/2021
	Grant in Aid/ Subsidy	Community & Rural Development Department	06/08/2021
th aug	Grant in Aid/ Subsidy	Community & Rural Development Department	06/08/2021
h august one	Grant in Aid/ Subsidy	Community & Rural Development Department	05/08/2021
	Construction	Community & Rural Development Department	05/08/2021
	Construction	Community & Rural Development Department	05/08/2021
namrata fifth august	Grant in Aid/ Subsidy	Community & Rural Development Department	05/08/2021

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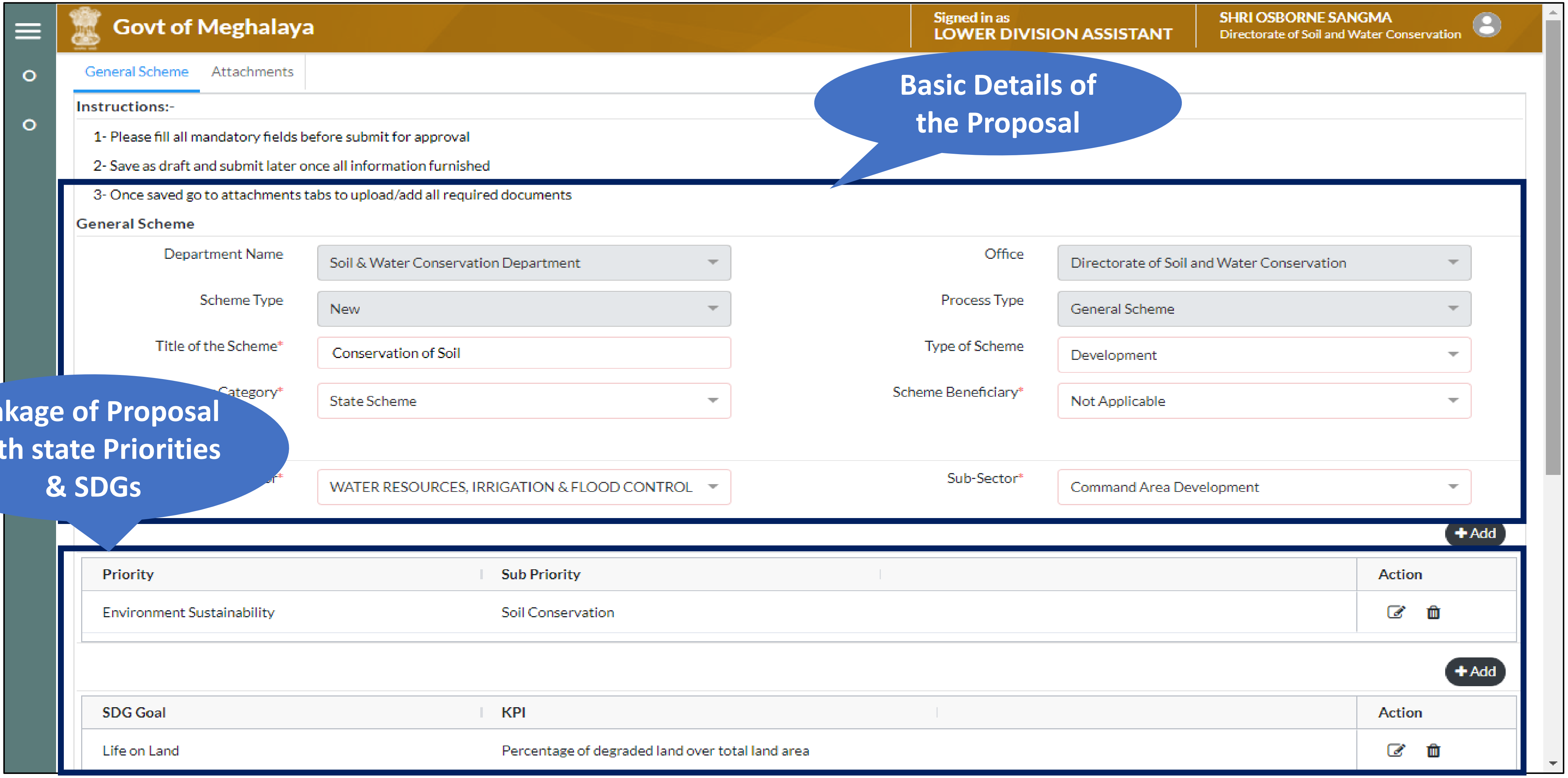
Scheme Management System – Proposal Form



Govt of Meghalaya
Signed in as
LOWER DIVISION ASSISTANT
SHRI OSBORNE SANGMA
Directorate of Soil and Water Conservation
General Scheme
Attachments

Instructions:-

1- Please fill all mandatory fields before submit for approval

2- Save as draft and submit later once all information furnished

3- Once saved go to attachments tabs to upload/add all required documents

General Scheme

Department Name	Soil & Water Conservation Department	Office	Directorate of Soil and Water Conservation
Scheme Type	New	Process Type	General Scheme
Title of the Scheme*	Conservation of Soil	Type of Scheme	Development
ategory*	State Scheme	Scheme Beneficiary*	Not Applicable
r*	WATER RESOURCES, IRRIGATION & FLOOD CONTROL	Sub-Sector*	Command Area Development

Priority	Sub Priority	Action
Environment Sustainability	Soil Conservation	✎ 🗑

SDG Goal	KPI	Action
Life on Land	Percentage of degraded land over total land area	✎ 🗑

Basic Details of the Proposal

Linkage of Proposal with state Priorities & SDGs

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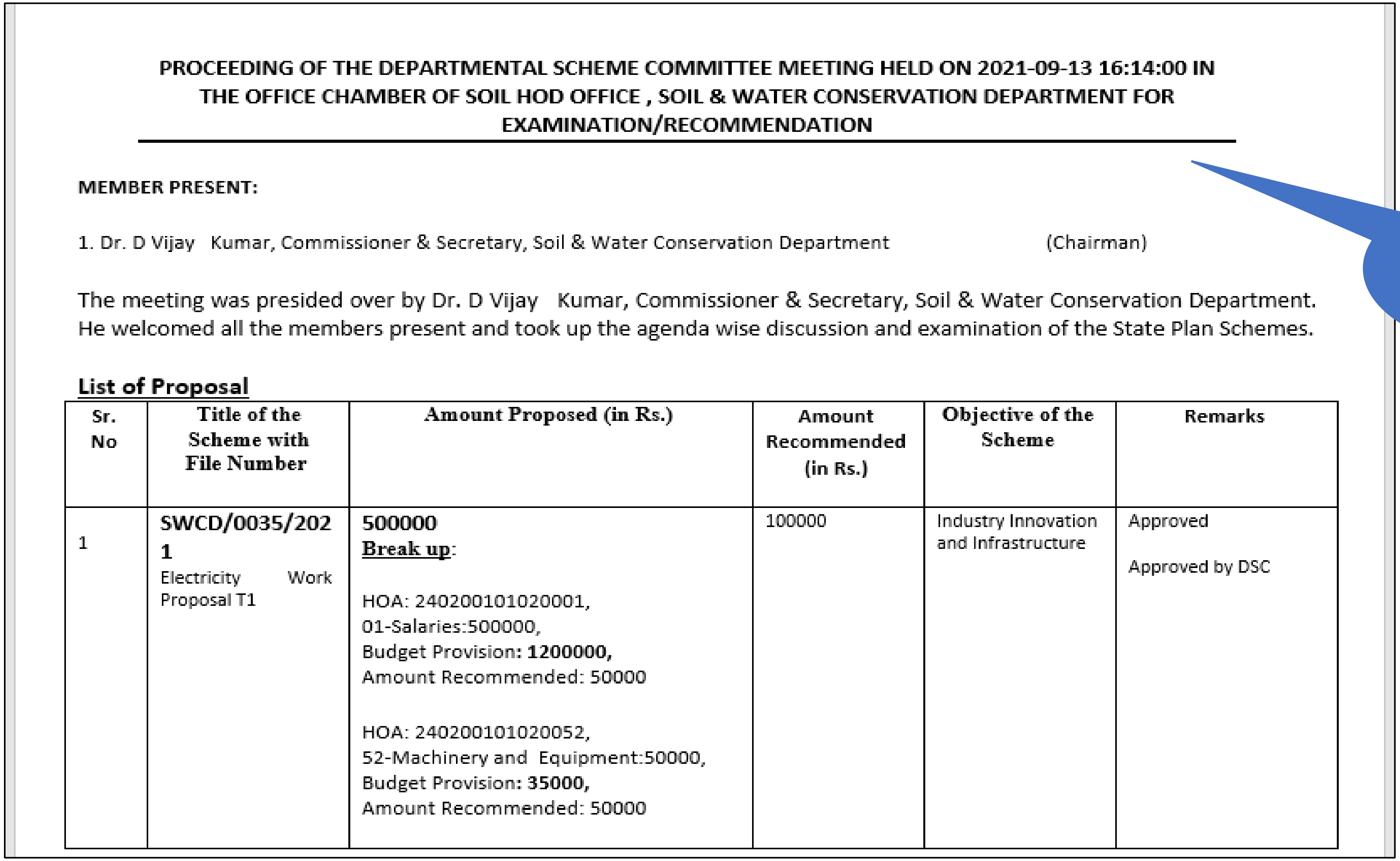
Scheme Management System – MoM - Departmental Committee



PROCEEDING OF THE DEPARTMENTAL SCHEME COMMITTEE MEETING HELD ON 2021-09-13 16:14:00 IN THE OFFICE CHAMBER OF SOIL HOD OFFICE , SOIL & WATER CONSERVATION DEPARTMENT FOR EXAMINATION/RECOMMENDATION

MEMBER PRESENT:

1. Dr. D Vijay Kumar, Commissioner & Secretary, Soil & Water Conservation Department (Chairman)

The meeting was presided over by Dr. D Vijay Kumar, Commissioner & Secretary, Soil & Water Conservation Department. He welcomed all the members present and took up the agenda wise discussion and examination of the State Plan Schemes.

List of Proposal

Sr. No	Title of the Scheme with File Number	Amount Proposed (in Rs.)	Amount Recommended (in Rs.)	Objective of the Scheme	Remarks
1	**SWCD/0035/2021** Electricity Work Proposal T1	**500000** **Break up**: HOA: 240200101020001, 01-Salaries:500000, Budget Provision: **1200000,** Amount Recommended: 50000 HOA: 240200101020052, 52-Machinery and Equipment:50000, Budget Provision: **35000,** Amount Recommended: 50000	100000	Industry Innovation and Infrastructure	Approved Approved by DSC

System generated Minutes of Meeting

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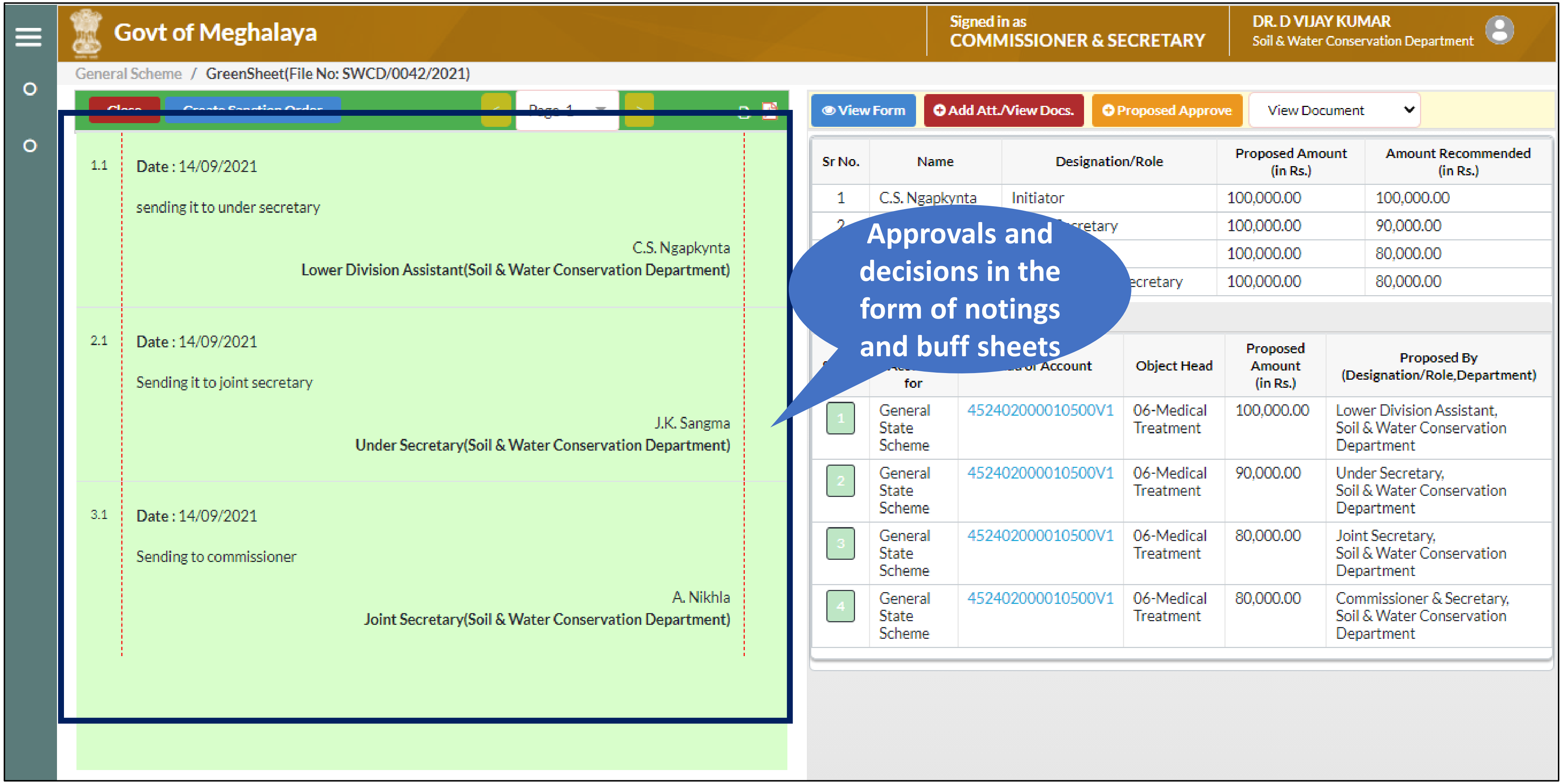
Scheme Management System – Decisions


Govt of Meghalaya
Signed in as
COMMISSIONER & SECRETARY
DR. D VIJAY KUMAR
Soil & Water Conservation Department
General Scheme / GreenSheet(File No: SWCD/0042/2021)
Close
Create Sanction Order
Page 1
View Form
Add Att./View Docs.
Proposed Approve
View Document

1.1 Date : 14/09/2021

sending it to under secretary

C.S. Ngapkynta
Lower Division Assistant(Soil & Water Conservation Department)

2.1 Date : 14/09/2021

Sending it to joint secretary

J.K. Sangma
Under Secretary(Soil & Water Conservation Department)

3.1 Date : 14/09/2021

Sending to commissioner

A. Nikhla
Joint Secretary(Soil & Water Conservation Department)

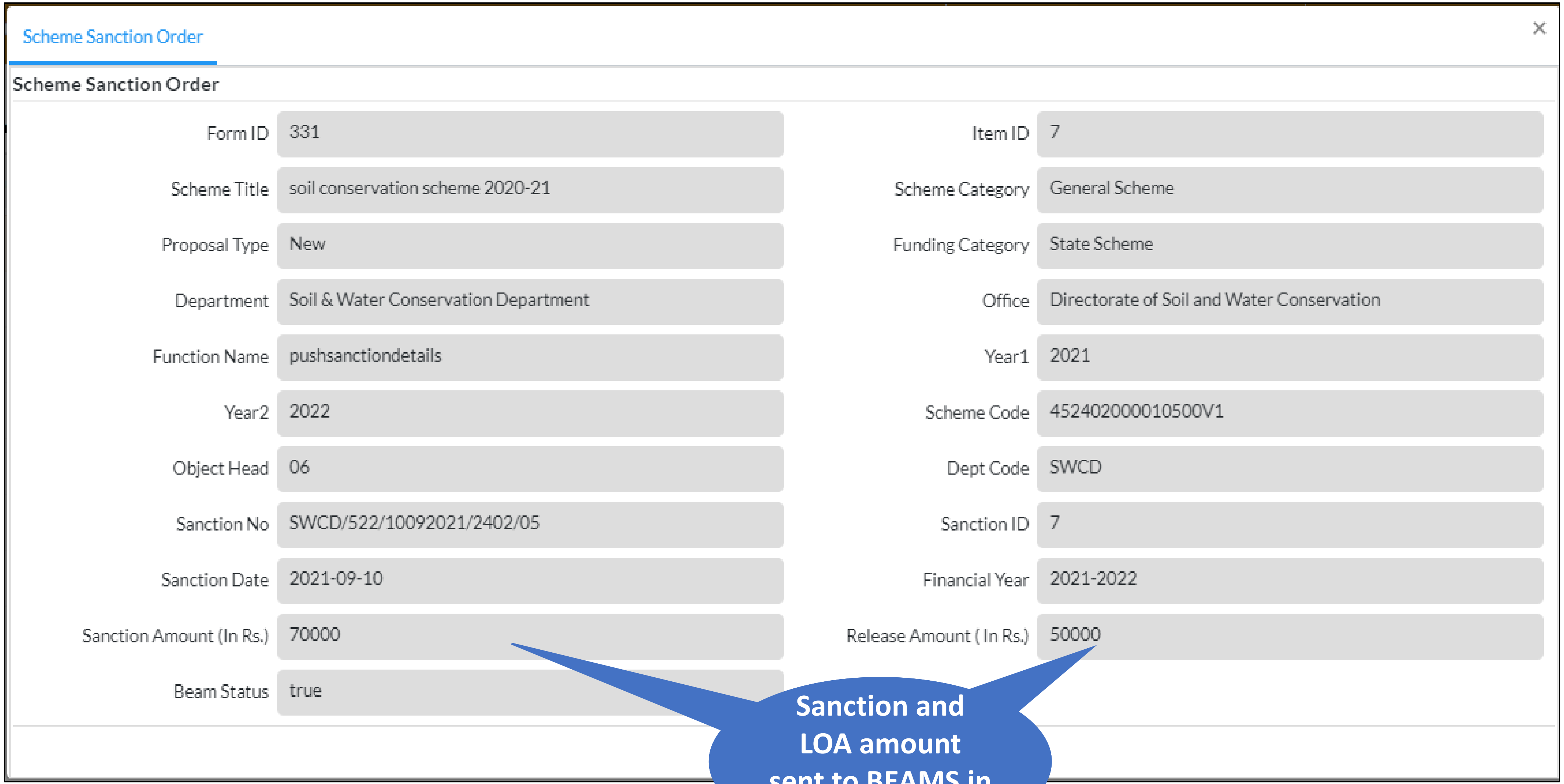
Sr No.	Name	Designation/Role	Proposed Amount (in Rs.)	Amount Recommended (in Rs.)
1	C.S. Ngapkynta	Initiator	100,000.00	100,000.00
2		retary	100,000.00	90,000.00
			100,000.00	80,000.00
		ecretary	100,000.00	80,000.00

	for	of Account	Object Head	Proposed Amount (in Rs.)	Proposed By (Designation/Role,Department)
1	General State Scheme	452402000010500V1	06-Medical Treatment	100,000.00	Lower Division Assistant, Soil & Water Conservation Department
2	General State Scheme	452402000010500V1	06-Medical Treatment	90,000.00	Under Secretary, Soil & Water Conservation Department
3	General State Scheme	452402000010500V1	06-Medical Treatment	80,000.00	Joint Secretary, Soil & Water Conservation Department
4	General State Scheme	452402000010500V1	06-Medical Treatment	80,000.00	Commissioner & Secretary, Soil & Water Conservation Department

Approvals and decisions in the form of notings and buff sheets

Launch of MeghEA Integrated Finance Solution

Scheme Management System – BEAMS Integration



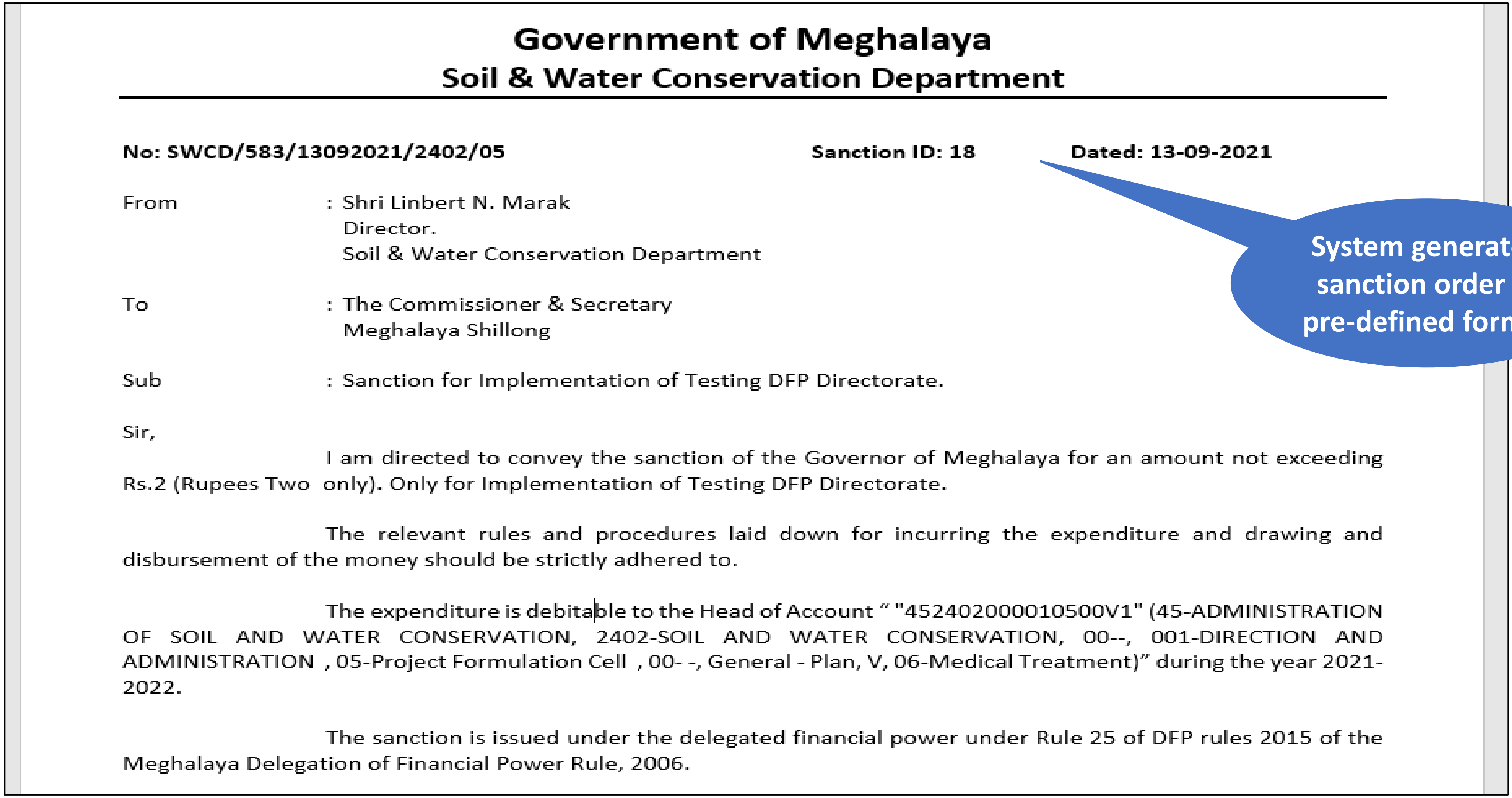
Scheme Sanction Order

Form ID	331	Item ID	7
Scheme Title	soil conservation scheme 2020-21	Scheme Category	General Scheme
Proposal Type	New	Funding Category	State Scheme
Department	Soil & Water Conservation Department	Office	Directorate of Soil and Water Conservation
Function Name	pushsanctiondetails	Year1	2021
Year2	2022	Scheme Code	452402000010500V1
Object Head	06	Dept Code	SWCD
Sanction No	SWCD/522/10092021/2402/05	Sanction ID	7
Sanction Date	2021-09-10	Financial Year	2021-2022
Sanction Amount (In Rs.)	70000	Release Amount (In Rs.)	50000
Beam Status	true		

Sanction and LOA amount sent to BEAMS in real time

Launch of MeghEA Integrated Finance Solution

Scheme Management System – Sanction Order



Government of Meghalaya
Soil & Water Conservation Department

No: SWCD/583/13092021/2402/05 **Sanction ID: 18** **Dated: 13-09-2021**

From : Shri Linbert N. Marak
Director.
Soil & Water Conservation Department

To : The Commissioner & Secretary
Meghalaya Shillong

Sub : Sanction for Implementation of Testing DFP Directorate.

Sir,

I am directed to convey the sanction of the Governor of Meghalaya for an amount not exceeding Rs.2 (Rupees Two only). Only for Implementation of Testing DFP Directorate.

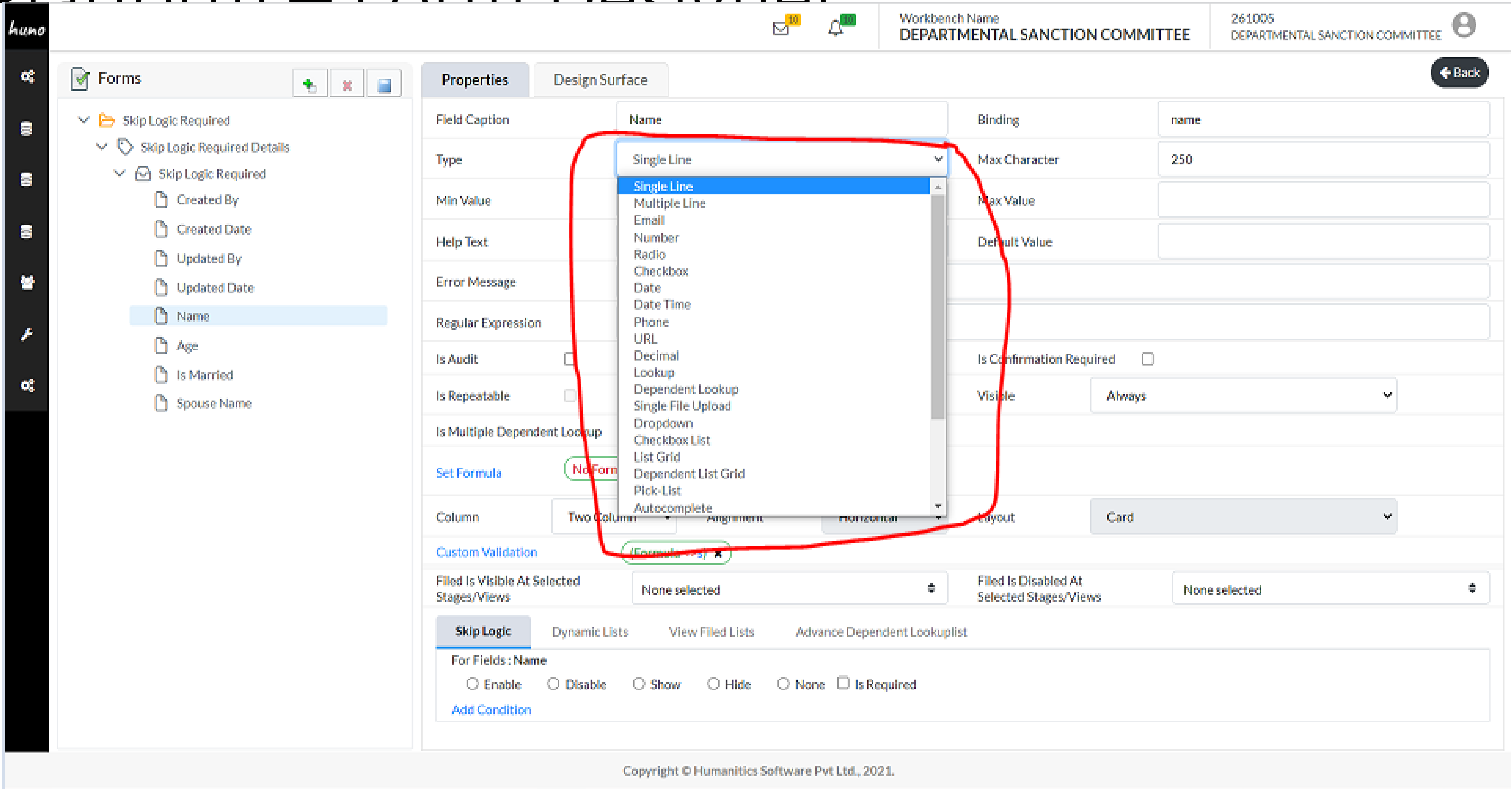
The relevant rules and procedures laid down for incurring the expenditure and drawing and disbursement of the money should be strictly adhered to.

The expenditure is debitable to the Head of Account “ "452402000010500V1" (45-ADMINISTRATION OF SOIL AND WATER CONSERVATION, 2402-SOIL AND WATER CONSERVATION, 00--, 001-DIRECTION AND ADMINISTRATION , 05-Project Formulation Cell , 00- -, General - Plan, V, 06-Medical Treatment)” during the year 2021-2022.

The sanction is issued under the delegated financial power under Rule 25 of DFP rules 2015 of the Meghalaya Delegation of Financial Power Rule, 2006.

System generated sanction order in pre-defined format

MeghEA – Digital Service Implementation Platform – Form Designer



Workbench Name
DEPARTMENTAL SANCTION COMMITTEE
261005
DEPARTMENTAL SANCTION COMMITTEE

Forms
- Skip Logic Required
  - Skip Logic Required Details
    - Skip Logic Required
      - Created By
      - Created Date
      - Updated By
      - Updated Date
      - Name
      - Age
      - Is Married
      - Spouse Name

Field Caption: Name
Binding: name
Type: Single Line
Max Character: 250
Visible: Always
Column: Two Column
Alignment: Horizontal
Layout: Card
Filed Is Visible At Selected Stages/Views: None selected
Filed Is Disabled At Selected Stages/Views: None selected

For Fields : Name
○ Enable ○ Disable ○ Show ○ Hide ○ None ☐ Is Required

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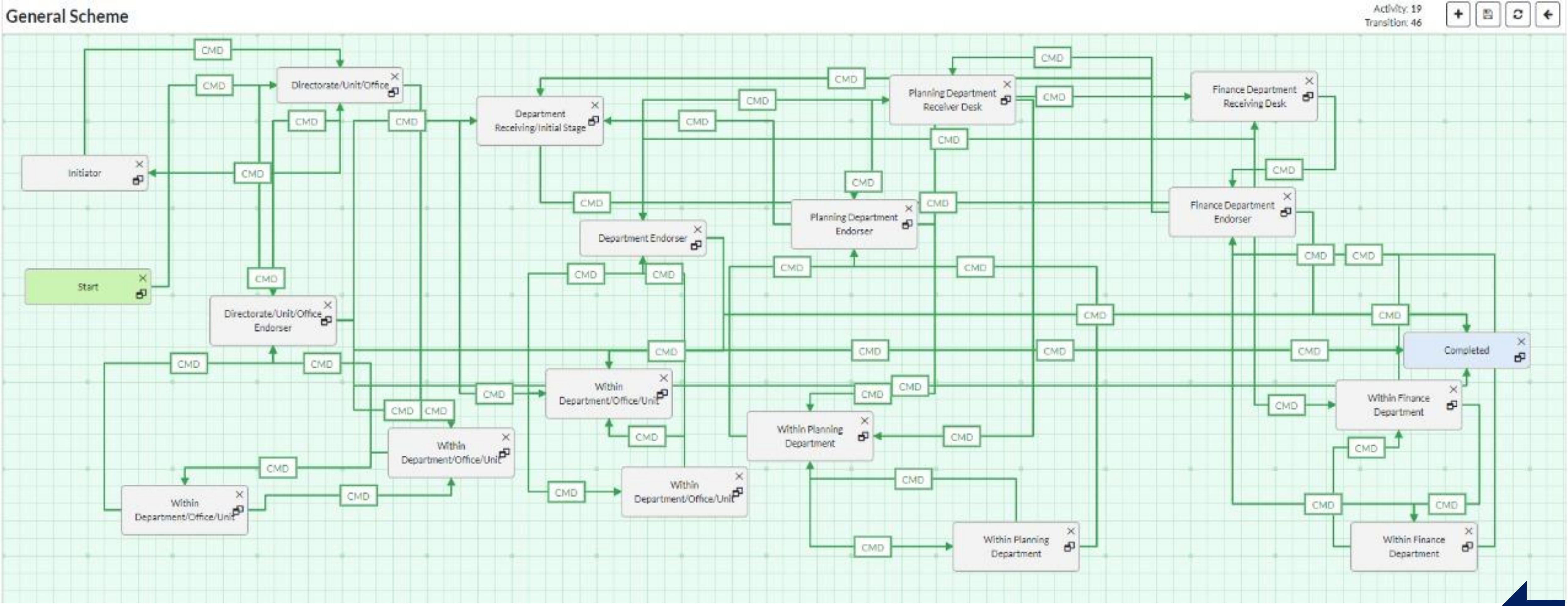
huno
Properties
Design Surface
Back
Min Value
Max Value
Help Text
Default Value
Error Message
Regular Expression
Is Audit
Is Confirmation Required
Is Repeatable
Is Multiple Dependent Lookup
Set Formula
No Formula
Custom Validation
(Formula Yes)
Single Line
Multiple Line
Email
Number
Radio
Checkbox
Date
Date Time
Phone
URL
Decimal
Lookup
Dependent Lookup
Single File Upload
Dropdown
Checkbox List
List Grid
Dependent List Grid
Pick-List
Autocomplete
Skip Logic
Dynamic Lists
View Filed Lists
Advance Dependent Lookuplist
Add Condition

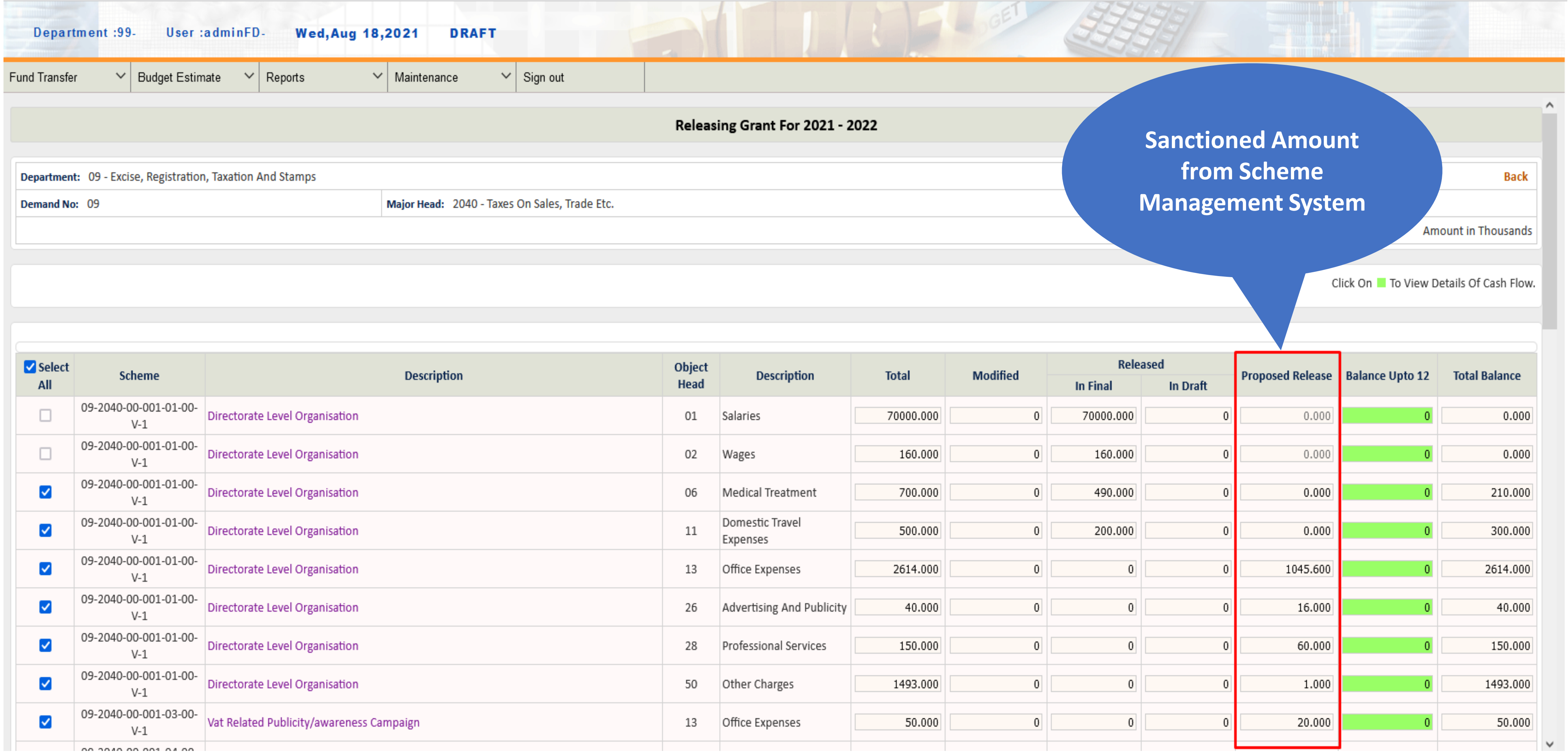
MeghEA – Digital Service Implementation Platform – Workflow Designer


General Scheme
Activity: 19
Transition: 46
Initiator
Start
Directorate/Unit/Office
Directorate/Unit/Office Endorser
Department Receiving/Initial Stage
Department Endorser
Within Department/Office/Unit
Within Department/Office/Unit
Within Department/Office/Unit
Within Department/Office/Unit
Planning Department Receiver Desk
Planning Department Endorser
Within Planning Department
Within Planning Department
Finance Department Receiving Desk
Finance Department Endorser
Within Finance Department
Within Finance Department
Completed
CMD

BEAMS - Integration

Launch of MeghEA Integrated Finance Solution

Amount Sanctioned from Scheme Mgmt. in BEAMS



Releasing Grant For 2021 - 2022

Department: 09 - Excise, Registration, Taxation And Stamps

Demand No: 09

Major Head: 2040 - Taxes On Sales, Trade Etc.

Amount in Thousands

Click On 🟩 To View Details Of Cash Flow.

☑ Select All	Scheme	Description	Object Head	Description	Total	Modified	Released		Proposed Release	Balance Upto 12	Total Balance
							In Final	In Draft			
☐	09-2040-00-001-01-00-V-1	Directorate Level Organisation	01	Salaries	70000.000	0	70000.000	0	0.000	0	0.000
☐	09-2040-00-001-01-00-V-1	Directorate Level Organisation	02	Wages	160.000	0	160.000	0	0.000	0	0.000
☑	09-2040-00-001-01-00-V-1	Directorate Level Organisation	06	Medical Treatment	700.000	0	490.000	0	0.000	0	210.000
☑	09-2040-00-001-01-00-V-1	Directorate Level Organisation	11	Domestic Travel Expenses	500.000	0	200.000	0	0.000	0	300.000
☑	09-2040-00-001-01-00-V-1	Directorate Level Organisation	13	Office Expenses	2614.000	0	0	0	1045.600	0	2614.000
☑	09-2040-00-001-01-00-V-1	Directorate Level Organisation	26	Advertising And Publicity	40.000	0	0	0	16.000	0	40.000
☑	09-2040-00-001-01-00-V-1	Directorate Level Organisation	28	Professional Services	150.000	0	0	0	60.000	0	150.000
☑	09-2040-00-001-01-00-V-1	Directorate Level Organisation	50	Other Charges	1493.000	0	0	0	1.000	0	1493.000
☑	09-2040-00-001-03-00-V-1	Vat Related Publicity/awareness Campaign	13	Office Expenses	50.000	0	0	0	20.000	0	50.000

Sanctioned Amount from Scheme Management System