Department of Electronics and Information Technology
Ministry of Communications and Information Technology
Government of India

Digital India
Power To Empower

Digital India

Workshop on Geo-Informatics

by **<Andhra Pradesh> SeMT**
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- 30 March 2016

Progress of AP in Implementing GIS based Decision Support Systems (DSS)

#	Owning State Department/ Project	Implementing Agency	Implementation Area
1.	Andhra Pradesh State Industrial Infrastructure Corporation GIS Application for Industrial Infrastructure Parks	APSRAC	Web based Spatial Information of vacant Plots and infrastructure to the Prospective Entrepreneurs for ease of doing business (APIIC)
2.	Housing Department	NRSC	Mapping of all houses allotted by State Government NTR Housing scheme

Progress of AP in Implementing GIS based Decision Support Systems (DSS)

#	Owning State Department/ Project	Implementing Agency	Implementation Area
3.	Panchyat Raj Department Rural Information System	APSRAC	GIS mapping of all existing resources & assets (Roads, Schools, Hospitals, Sanitation, Drainage etc.) at village panchayat level
4.	Planning Department, Space Based Information Support for Decentralized Planning (SISDP) Ongoing-by-March 2016	APSRAC	Effective management of natural resources in planning, implementation and monitoring of developmental activities Cadastral Mapping with High Resolution Data would be hosted in Bhuvan Panchayat for development and monitoring of decentralized planning.

Progress of AP in Implementing GIS based Decision Support Systems (DSS)

#	Owning State Department/ Project	Implementing Agency	Implementation Area
5.	Agriculture Department	APSRAC	Creation/updation of agriculture and non agriculture ,to help farmers in decision making Soil Resources Mapping
6.	Health Department	APSRAC	Mapping of Primary Health Centres,Anganwadii's and Hospitals
7.	Chief Commissioner Land Administration Bhu-Bharati, LPM's Preparation NLRMP	APSRAC	For mapping of the Government Lands ,Assigned lands ,private lands for effective monitoring and Decision Making ***Many more Departments***

AP GIS Implementation Stage

- Coordination mechanism proposed to be set under SSDI and AP has come up with Draft GIS Policy .
- Attempt was made for integration among the available GIS applications
- SeMT Team has provided consulting support for Industries and Commerce Department .
- AP in co-ordination with NRSC has developed asset mapping of Government Properties (schools, buildings ,houses)

GIS Plans / Goals of AP

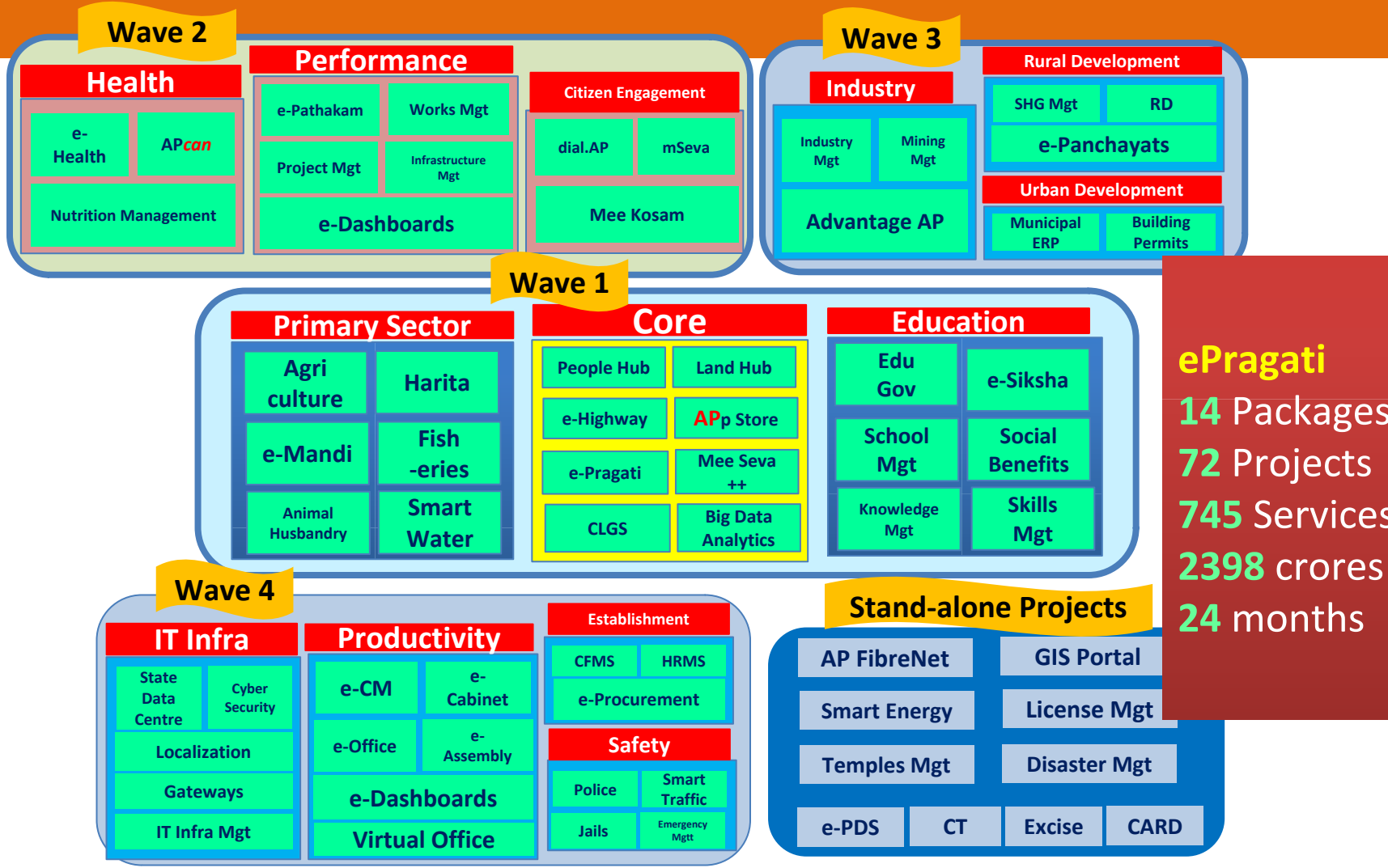
- Mapping of each and every Public /Private properties related to specific Departments .
- GIS based planning for Government Schemes
- On-field Tracking of works (PDS Rice Tracking)
- Asset Mapping (AP Mapping in progress /**NRSC**).
- Advanced usage of Technologies which serves future requirements and changes
- Effective Governance by using GIS in all Departments

Support Desired from DeitY

- Financial Support for the Departments for effective implementation of GIS and allied activities .
- Workshops to be conducted at State Level for effective participation from the State .
- Communication regarding the advantages of GIS in effective planning and usage .
- Involvement of Stake Holders at all levels ,suggestions to be taken

Support Desired from DeitY

- Providing the opportunities to get involved in projects based on latest equipments, satellite data, technologies and techniques in the Geospatial domain.
- Capacity Building to improve technical skills in government agencies to increase the usage of GIS technology
- Every department should have a Nodal officer responsible for GIS implementation.
- Reachabilty of the public towards Government Applications


Wave 2
Health
e-Health
APcan
Nutrition Management
Performance
e-Pathakam
Works Mgt
Project Mgt
Infrastructure Mgt
e-Dashboards
Citizen Engagement
dial.AP
mSeva
Mee Kosam
Wave 3
Industry
Industry Mgt
Mining Mgt
Advantage AP
Rural Development
SHG Mgt
RD
e-Panchayats
Urban Development
Municipal ERP
Building Permits
Wave 1
Primary Sector
Agri culture
Harita
e-Mandi
Fish -eries
Animal Husbandry
Smart Water
Core
People Hub
Land Hub
e-Highway
APp Store
e-Pragati
Mee Seva ++
CLGS
Big Data Analytics
Education
Edu Gov
e-Siksha
School Mgt
Social Benefits
Knowledge Mgt
Skills Mgt
ePragati
14 Packages
72 Projects
745 Services
2398 crores
24 months
Wave 4
IT Infra
State Data Centre
Cyber Security
Localization
Gateways
IT Infra Mgt
Productivity
e-CM
e-Cabinet
e-Office
e-Assembly
e-Dashboards
Virtual Office
Establishment
CFMS
HRMS
e-Procurement
Safety
Police
Smart Traffic
Jails
Emergency Mgtt
Stand-alone Projects
AP FibreNet
GIS Portal
Smart Energy
License Mgt
Temples Mgt
Disaster Mgt
e-PDS
CT
Excise
CARD

Thank You