Presentation on Land Reforms and other Initiatives of Andhra Pradesh

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Andhra Pradesh
(16.12.2015)
As part of Good Governance, the Government has given utmost importance for simplification of procedures and transparency in Administration, and keeping in view the same, the Revenue Department, has initiated various set of reforms by way of:

2. Delivering Revenue services through Meeseva.
3. e- initiatives
1.(i) Computerization of Land Records

Digitization of Land Records - WEBLAND

- It is a web based, centralized land records management system in the state of Andhra Pradesh to store, manage land holdings information.
- It is based on the state-of-the-art Service Oriented Architecture (SOA) which is reusable, inter-operable and scalable.
- It is built in Local Language ie. Telugu with Unicode fonts, which are web compatible.
- Tahsildars have digitally signed each land record using Digital Signature Certificate (DSC) issued by NIC, Hyderabad and ported the data.
1.(i) Computerization of Land Records (Contd…) 

The major advantages of Webland Project are:

- It is ensuring accurate maintenance and updation of land records.
- Has improved the delivery of Government to Citizen services (G2C) services related with land administration.
- Made the records tamper proof.
- Allowed farmers easy access to their records.
- Enabled utilizing the data for formulating development programmes.
- Facilitated the sharing of the Web land data with other departments when required.
## Achievements in last 18 months

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Item of work</th>
<th>Status as on 2&lt;sup&gt;nd&lt;/sup&gt; June 2014</th>
<th>Achievements/Progress as on 15.12.2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Meebhoomi (Open Access of all Land Records to Public)</td>
<td>• Not Initiated</td>
<td>As on date</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• 1.38 Crore records viewed by</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>45.85 Lakh visitors Since 12.06.2015</td>
</tr>
<tr>
<td>2</td>
<td>Completion of Government land inventory (Total Govt. lands (Sy.Nos) – 31,07,634)</td>
<td>• Sy. Nos Entered – 10,44,204</td>
<td>• Data Entered – 31,07,634</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• % of Data entered – 34.37%</td>
<td>• % of Data entered – 100%</td>
</tr>
</tbody>
</table>
## Achievements in last 18 months (Contd)..

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Item of work</th>
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<th>Achievements/Progress as on 15.12.2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>Corrections in Webland</td>
<td>• Not initiated</td>
<td>About 65 Lakh Corrections carried out before launching of Meebhoomi and 35 Lakh Corrections carried out after launching of Meebhoomi. Total corrections -100 Lakh</td>
</tr>
<tr>
<td>4.</td>
<td>Digitization of R.S.R Total records -147 Lakh</td>
<td>• Not initiated</td>
<td>About 135 lakh (92 %) records have been digitized out of 147 Lakh records.</td>
</tr>
</tbody>
</table>
| 5.     | Mee-seva (73.56% of total MeeSeva transactions are from Revenue Department). | • Total Requests – 1.84 Crores (since Nov 2011 in 31 months) | • 2.81 Crore transactions in last 16 months.  
• Total Services being rendered are 62, and we are proposing to bring it down to 23 Services. |
### Achievements in last 18 months (Contd.)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Item of work</th>
<th>Status as on 2nd June 2014</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2</td>
<td></td>
<td>3</td>
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<td>4</td>
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<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Aadhaar Seeding</td>
<td>• Seeded - 18 lakhs</td>
<td>• Seeded – 67.47 lakhs</td>
</tr>
<tr>
<td></td>
<td>(Total Pattadars – 75.65 lakhs (Cannot be Seeded cases are 4.24 lakhs)</td>
<td>• % of seeding 27%</td>
<td>• % of seeding – 89%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Instructions have been issued through circulars and Video conferences to achieve 100% in Aadhaar Seeding.</td>
</tr>
</tbody>
</table>
Delivery of services (Mee-Seva)
2.(i) MeeSeva

- Establishing one stop e-Gov shop
- Started Nov 2011
- DeGS (District e-Governance Societies)
- Electronic Service Delivery Rules, 2011
- Categorization of Services (Cat A & B)
- Single window platform for all Department G2C services / IT readiness
- Secured Stationary
- Digital Keys to all Dept. Functionaries (About 7000 Digital Keys Issued)
- Seamless Transfer of Funds to Depts. Using EFTS (Electronic Fund Transfer System)
Process Flows

Category A Services – Process Flow

1. TAHSLDAR gets all the available data digitized, purifies and digitally signs and hosts at SECR for Category A services.
2. Citizen walks into CSC and submits app form for availing certificate and pays the charges
3. CSC Operator logs in to Service Portal and enters the app details
4. Payment receipt given as an ack.
5. Verify; If the certificate is available issue the certificate digitally signed across the counter

CCLA/Colectorate can monitor the requests & status of all Applications through the Portal

Category B Services – Process Flow

1. Citizen walks into CSC and submits app form for availing certificate and pays the charges
2. CSC Operator logs in to Service Portal and enters the app details
3. Payment receipt given as an ack.
4. TAHSLDAR logs in to Online interface with user id/password and digital certificate/ Approves/ rejects the application and uploads.
5. Central Server generates the certificate which is digitally signed by the concerned MRO
6. Certificate printed and dispatched to the Applicants Address from SECR or through KIN & update the dispatch details in the online System.
7. SMS sent after the dispatch of the certificate to the Applicant

CCLA/Colectorate can monitor the requests & status of all Applications through the Portal

State Data Centre (SDC)
Total Transactions – 6,31,32,791 (14th December’15)
Revenue Dept - 4,53,60,310 (72% in total transactions)

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Transaction Share</th>
<th>Revenue Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category A</td>
<td>1,71,03,560</td>
<td>37.6%</td>
</tr>
<tr>
<td>Category B</td>
<td>2,82,56,750</td>
<td>62.4%</td>
</tr>
</tbody>
</table>

Approved: 2,59,83,100 (92%)
Rejected: 16,94,977 (6%)
PWSLA: 3,27,665 (1.20%)
PBSLA: 2,45,055 (0.8%)

The above statistics is not the end... It is continuously evolving...

& today we have...
Services Live

Transactions
64 Mee Seva Centers
45.3 Million

MeeSeva – Revenue Department Road Map
e-Initiatives
3.(i) Aadhar Seeding with Land Records

Objective:
To seed the Aadhaar number of each Pattadar in the state in Webland software.

Benefits:
- Generation of land ceiling cases.
- ROR IB Registers with the photographs of farmers.
- Identification of genuine Pattadars while issuing Loans, Registrations, benefits of Govt. Schemes.
- Generation of acquaintances for crop subsidy, crop insurance, seeds and other commodity subsidies.
- Capturing phone numbers, Bank accounts so that we can provide the benefits directly to the farmers.
- Validated with SRDH data.
3. (ii) e-Pattadar passbook

- e-Pattadar Passbook module was developed for issuing Pattadar passbooks electronically.
- With 13 security features and with State wide Unique ID through MeeSeva.
- Citizen can apply where, any time.
- Implementation of Citizen Charter.
- Delivery through courier/Post.
- Tracking of the status for delivery.
- SMS alerts to citizen on status of delivery.
- Continues Monitoring.
- Total No. of PPBs approved 4.98 Lakh
e-PPB Security Features

Page Design

1. **Patta Number**
2. **Colour Photo Printing**
3. **Three Layer Holographic Signature**
4. **Guilloche Design**
5. **AP Govt. Logo**
6. **Two Colour Guilloche Back Ground**
7. **Micro Lettering**
8. **Security Currency Thread**
9. **Variable Data**
10. **Void Feature**
11. **Micro Text**

**Page 15**

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**Page 15**

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3.(iii) Sarkarbhoomi

- It is an comprehensive module for Management of inventory of Government lands.
- **Some of the features of Sarkaribhoomi are**
- The Category wise and classification wise lists of Government lands can also be generated.
- Capture photographs of Government lands to know the ground status on a particular date of inspection.
- Alienation, Assignment and Court Case information Modules.
- A web based Android application was developed software to Capture GPS Co-ordinates of Government lands to identify the location of Government land on Google satellite images.
3.(iv) **e-Crop Booking**

- e-Panta has been made operationalized by 14\textsuperscript{th} August, 2015 and e-Crop booking has been started in the entire state from 1\textsuperscript{st} September, 2015.

- Out of 2.98 Crore records, a total of 1.98 Crore e-crop booking records have been uploaded to the server, along with standing crop photographs and GPS Coordinates.

**Benefits:**

- Auto updation with Web Land (Land Records Database)
- Provision for GPS Capturing through satellite
- Evidence in case of Crop damage, Crop insurance.
- Crop wise detailed and Abstract reports.
- Irrigation source wise detailed and Abstract reports.
- Ground Truth and Accurate Reports.
Geo tagging of Land Parcels

Standing Crop Photograph and GPS Coordinates captured with e-Crop app and Integration with Webland data.
### Pattadhar Information

- **Pattadhar Name (Father/Husband Name):** 
- **Pattadhar Adhar Number:** 239299702958

### Crop Details

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Crop Season</th>
<th>Crop Name</th>
<th>Month</th>
<th>Crop Extent (Sow Type)</th>
<th>Water Source Description</th>
<th>Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/9</td>
<td>July</td>
<td></td>
<td></td>
<td>0.2600</td>
<td></td>
<td>0.000</td>
</tr>
</tbody>
</table>

### Input Subsidy

- **Kharrif:** Groundnut 50
- **Fertiliser Type:** Urea 50
- **Advice:** 01/08/2014
- **Input Subsidy:** 1600

### Bank Loan Details

<table>
<thead>
<tr>
<th>S.NO</th>
<th>Loan Type</th>
<th>Loan Amount</th>
<th>Branch</th>
<th>Account Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-1A</td>
<td>Crop Loan</td>
<td>100000</td>
<td>sbi (kuppam)</td>
<td>10678904321</td>
</tr>
<tr>
<td>8-68</td>
<td>Personal Loan</td>
<td>50000</td>
<td>syndicatebank (Kuppam)</td>
<td>10884947400</td>
</tr>
<tr>
<td>8-8</td>
<td>Crop Loan</td>
<td>34000</td>
<td>axisbank</td>
<td>10848409400</td>
</tr>
<tr>
<td>8-4</td>
<td>Crop Loan</td>
<td>45000</td>
<td>sbh</td>
<td>10978018700</td>
</tr>
</tbody>
</table>
3.(v). **Loan Charge Creation Module for Banks**

- Provided access to Banks to view Adangal, ROR IB.
- Verification of crop particulars.
- Interface for Loan Charge Creation/Release.
- Integration with Debt relief details is completed.
- State and District level Bankers committee meetings and training on Loan charge creation module have been conducted.

As on 15th December 2015,

- Number of loans – 16.28 Lakh
- Number of farmers – 14.59 Lakh
- Extent covered – 154 Lakh Acres
- Survey Numbers covered – 53.52 Lakh
- Loan Amount – 10,601.32 Crore
3.(vi) Mee Bhoomi

- Launched on 12.06.2015 by Hon’ble CM, Andhra Pradesh
- Developed for Public Access of Citizen’s land details in Local language
- Dynamic Integration with Web Land
- 1.38 Crore records viewed by 45.85 Lakh visitors since 12.06.2015
- Compatible for all platforms (Mobile, Tablet, I-pod, PCs)
- Browser Independent
3.(vii). Mee-Intiki Mee Bhoomi

- In order to purify Land records, Villagewise Gramasabhas were conducted with the name “Mee Intiki Mee Bhoomi” from 10th August to 31st August in every Revenue village to verify and tally the existing land Records.

- To achieve 100 percent accuracy, Second phase of MIMB has been conducted in each village from 1st November to 20th November.
Key Challenges (Contd…)

- Duplicate copies
- Incorrect data
- Pending Mutations
- Data Tampering
- Non availability of Records
- Multiple Registrations
- To handover ROR-IB extract (along with photograph and Aadhar Number) to the concerned farmer calling for confirmation or objections if any.
- Verification of Aadhar numbers seeded.
- Collecting applications for corrections in Revenue Records.
- Reconciliation of Forest, Wakf and Endowment lands.
- Identification of lands for Land Bank.
- Collecting Phone no., Bank A/c no and Aadhar no. of Pattadar.
Schedule of Grama Sabhas provided to all public representatives. District Officers, Bankers, NGOs etc.
- Posters, flexi boards
- Info on date & Place to the villagers

Activities
- Distribution of ROR1B to all Farmers
- Collection of Aadhar Numbers / Mobile Numbers/Bank A/c
- Collection of Missing Entries in Adangal
- Collection of New entries (Synos)

Trainings
- Training to all Dept., officers at divisional level/District Level

Publicity

Coordination
- District level convergence to obtain views.
- Similarly meetings at divisional level
- Composition of Teams at Mandal level with concerned depts.,
Convergence Meeting with the Special Officers and People’s Representatives in Srikakulam District on 7-08-2015
Training Programs to Revenue Officers
Participation of Public Representatives

Hon’ble Deputy CM in Kurnool Dist.,

Guntur District

Nellore District

Vizianagaram District

Krishna District

East Godavari District

Kadapa District

Srikakulam District
List of Items Displayed in Grama Sabhas (Contd..)

Pamphlet

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adangal</td>
<td>Village Map</td>
</tr>
<tr>
<td>RSR</td>
<td>ROR 1-B</td>
</tr>
<tr>
<td>RSR</td>
<td>Pamphlet</td>
</tr>
<tr>
<td>Pamphlet</td>
<td>Grama Sabhas Displayed Items</td>
</tr>
</tbody>
</table>

A. Pamphlet Details:
- Pamphlet contains information about the Grama Sabhas.
- Details include the names of the members and the dates of the meetings.

B. Adangal Details:
- Adangal is a map of the village.
- It includes the boundaries and the layout of the land.

C. RSR and ROR 1-B:
- RSR and ROR 1-B are related to land records.
- They provide information about the land allocation and ownership.

D. Pamphlet Details:
- Pamphlet contains a list of items displayed at the Grama Sabhas.
- These items include the RSR, Adangal, and ROR 1-B.

1-0 Details / Grama Sabhas Details:
- The Grama Sabhas meeting was held on 16th May 2023.
- A total of 72,079 acres of land were discussed.
- The list includes the names of the members and their roles.

Note: The information is provided in the local language and the content is translated as accurately as possible.

[Signatures]
Gramasabhas in Districts
Displaying Play Cards on Gramasabha Items
## Status of MIMB as on 15.12.2015

<table>
<thead>
<tr>
<th></th>
<th>MIMB(I)</th>
<th>MIMB(II)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grama sabhas</td>
<td>17,179</td>
<td>16,910</td>
</tr>
<tr>
<td>Petitions Received</td>
<td>10,78,161</td>
<td>2,91,646</td>
</tr>
<tr>
<td>Accepted</td>
<td>9,39,689 (88%)</td>
<td>1,91,429 (66%)</td>
</tr>
<tr>
<td>For Survey Pending</td>
<td>11,917 (1%)</td>
<td>4,546 (2%)</td>
</tr>
<tr>
<td>For Mutation Pending</td>
<td>23,690 (2%)</td>
<td>Rejected</td>
</tr>
<tr>
<td>Rejected</td>
<td>1,02,865 (9%)</td>
<td>Pending</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gramasabhas are pending in Nellore (149) and Chittoor (46)</td>
</tr>
</tbody>
</table>
## Achievements

<table>
<thead>
<tr>
<th>As on November, 2015</th>
<th>MIMB -I</th>
<th>MIMB-II</th>
<th>Total</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distribution of 1B (Total – 7497652)</td>
<td>6345774 (85%)</td>
<td>628350 (8%)</td>
<td>6974124 (93%)</td>
<td>523528 (7%)</td>
</tr>
<tr>
<td>Distribution of Updated 1B of MIMB – I (Total – 901321)</td>
<td>-</td>
<td>653058 (72%)</td>
<td>653058 (72%)</td>
<td>248263 (28%)</td>
</tr>
<tr>
<td>Land records Tallied and Acknowledged against total pattadars (Total – 7497652)</td>
<td>5440011 (73%)</td>
<td>941535 (12%)</td>
<td>6381546 (85%)</td>
<td>1116106 (15%)</td>
</tr>
</tbody>
</table>

- New Pattadars incorporated: 1,313,166
- New Subdivision Numbers incorporated: 7,277,633
3.(viii). Creation of Land Hub and Land GIS

To know entire information about each land parcel in the state a concept of LAND HUB is proposed.

Objectives:

- Accurate details for each land parcel.
- Detailed and abstract reports.
- Detailed registration history.
- Information on the total Loans availed.
- State wide land details of a farmer.
- Information on Grievances received.
- Disputes on a land if any.
Land Hub

Bankers (Loan Sanction & Verification)

Agriculture (Crop Insurance & Seed Distribution)

Marketing (E-Marketing)

Registration & Stamps (SRO-MRO Integration)

DTCP (Building Permission)

APIIC (Land Bank)

ITE&C (MeeSeva-Service Delivery)

GOI (Schemes, Disaster Mgmt etc.)

Land Hub

- Revenue Lands
- Forest Lands
- Endowment & Walkf Lands
- Municipal & Urban Lands
- SSLR (Land Survey Details)

AP SAC (GIS)

Rural Development (MGNREGS)

Irrigation (Canal Information)

Welfare Department (assignment of land)

Mines & Geology (Issuance of NOC)

Judiciary (Court Case Management)
4.(i). Land Pooling

- We have deputed 30 Deputy Collectors, 54 Tahsildars, 54 Deputy Tahsildars, 90 Surveyors to CRDA and due to timely supervision by the District Revenue Administration of Guntur, good progress has been achieved under Land Pooling in CRDA Zone.

- Under Land Pooling scheme, the consent given by land owners is for 33,000 Acres.

- As on date, 29,410.09 Acres of 20,018 farmers has been handed over to Government.

- Government felt that the time limit for issuance of Pattadar pass books is very high and is causing unnecessary time delay for public for getting the same. Hence requested O/o CCLA to examine the same and send proposals.
- Accordingly, in order to simplify the process and reduce the time limit in issue of PPBs from 45/90 days to 15/30 days proposals for amending Rule 9(1) (c) (ii), Rule 19(1), Rule 18(3) (c) were sent to Govt.
- Further, Government issued final notification for the same Vide GO Ms. No 154 dt: 02.05.2015.
- Further the VRO signature is also dispensed with from PPB.
4.(iii). Income Certificate

- To mitigate the problems of the people and to avoid asking for Income certificate repeatedly, Government have issued orders vide G.O.Ms.No.186 Rev (Sr-II) Dept., dt. 26.5.2015 for simplifying various issues involved with issuance of Income certificates, the important changes in the issuance of Income certificate are:

1. The validity of Income Certificate shall be for a period of Four (4) years.
2. Ration Card will be accepted as a proof of income.
3. The Income Certificate for Scholarships of students shall be insisted only for the first time and not for renewals.
4. No bank shall ask for Income Certificate while extending crop/land loan to farmers.
4.(iv). Family Member Certificate

- To simplify and reduce problems of general public with regard to Family Member Certificate, The Government vide G.O.MS.No.145 Revenue (Ser II) Dept., Dt:25.04.2015 has given guidelines to issue Family member certificate, the important reforms brought in are:

1. Family member certificate to be issued not only to the deceased Government Servants and to the General Public for applying for Govt schemes, but also for all other purposes.
2. The time limit(SLA) for issuing the certificate has been reduced from 30 days to 15 days.
4.(v). Residence certificate

- Government vide G.O M.S No 581 dated 20.06.2015 dispensed with the issuance of Residence certificate by the Revenue Authorities.
4. (vi) Regularization of unobjectionable encroachments

- It has been brought to the notice of A. P Government by the people and people’s representatives that a large number of poor families have encroached Government lands in urban areas and constructed dwelling houses.

- However, the encroachers have not been issued any pattas, as the encroachment is in Govt land, because of which they are under constant threat of removal and also not able to obtain permission from the urban local body to improve / rebuild the houses.

- Hence as a one time relief, Government vide GOMS 296 Rev (Assn 1) dt 12.08.2015 has come up with a scheme of Regularization of unobjectionable encroachments in Government lands by way of Dwelling Units in urban areas to an extent up to 100 Sq.Yards only to BPL families on free of cost.
4.(vii). Reforms in Survey Dept.

- 15, 383 out of 17,137 Village maps were digitized
- RSR data entry completed for 135 lakhs out of 147 lakhs (92%).
- Digitisation of 49 lakhs FMBs under NLRMP will be completed by July, 2016
- Engaging private agencies/Licenced Surveyors to speedup survey work
- Establishment of Mandal Data Centers under NLRMP
  - 384 data centers (50%) will be established by the end of December, 2015
Way Ahead

- Biometric authentication for Webland Transactions
- 100% computerization including graphical records.
- Digitization of FMBs
- Mandatory survey before registration.
- Need based survey and continuous updation.
- Modern survey equipment (DGPS/ETS).
- Creation of land GIS by integrating textual data and graphical/spatial data.
- Strengthening Mandal IT infrastructure.
- Modern record rooms (Compactors).
- Training and capacity building.