



Digital India Land Records Modernization Programme (DILRMP)

(GOVERNMENT OF PUNJAB)

By:
Sh. Arshdeep Singh Thind, IAS
Secretary Revenue



Digital India Land Records Modernization Programme

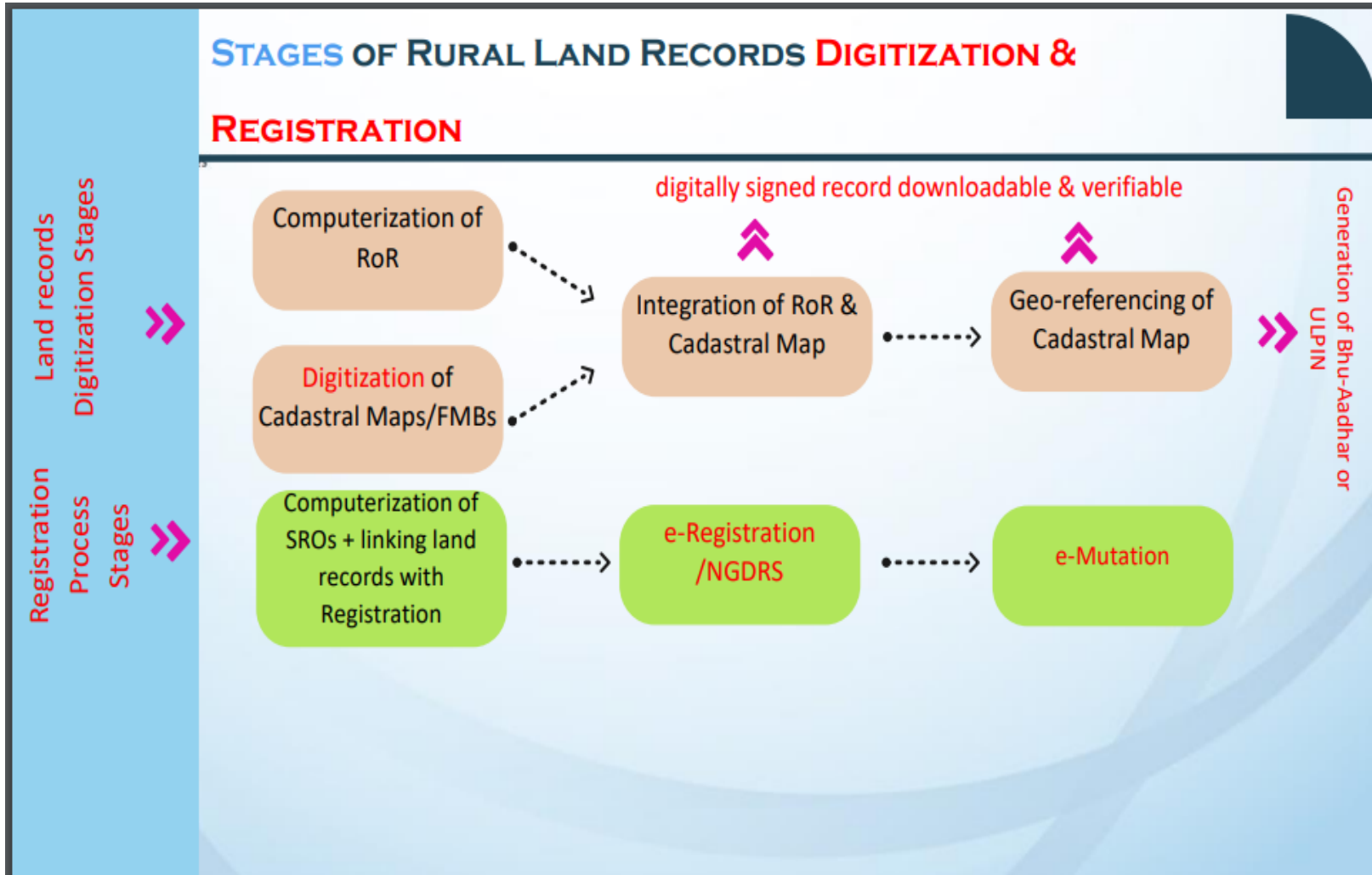
Components of DILRMP are:

- **Computerization of Land Records:** • Data entry/re-entry • Digitization of cadastral maps/FMBs • State Level Data Centre
- **Computerization of Registration**
- **Survey / Re-survey and innovative initiatives**
- **Modern record rooms at Tehsil level**
- **Project Management Unit (PMU)**
- **DILRMP Cell for Training and Capacity Building**
- **Core GIS/Software Applications**
- **Computerization of Revenue Courts and their integration with land records**
- **Consent-based integration of Aadhaar number with the land record database**



-
- **Computerization of Registration**
 - **Computerization of Land Records**
 - **Digitization of Cadastral Maps**
 - **Computerization of Revenue Courts and their integration with land records**

Stages of digitization



Physical Progress of DILRMP

At a glance



99%

Computerization of
Record of Rights (RoR)

(12929/13004)

Record of Rights computerized

100%

Computerization of
Registration

(181/181)

Sub Registrar Offices computerized

100%

Integration of registration
with land records

(181/181)

Sub Registrar Offices with
land record database



Registration

- **Registration of documents.**
- **Integration of Registration System with land records.**
- **Legacy registries online and searchable by Citizens.**
- **Registry process completely online and paperless.**

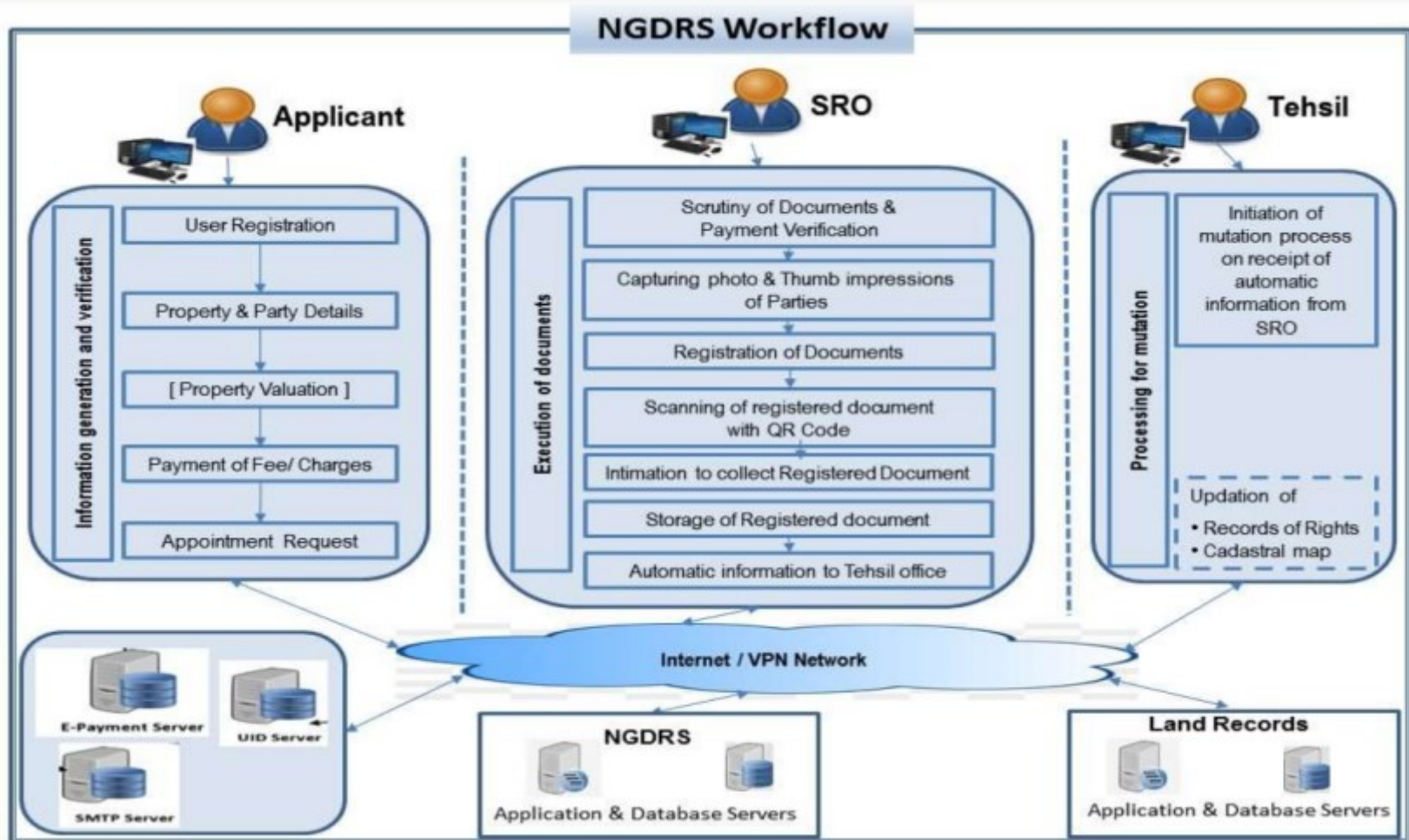


NGDRS (National Generic Registration System)

NGDRS or e-registration system under One Nation One Software

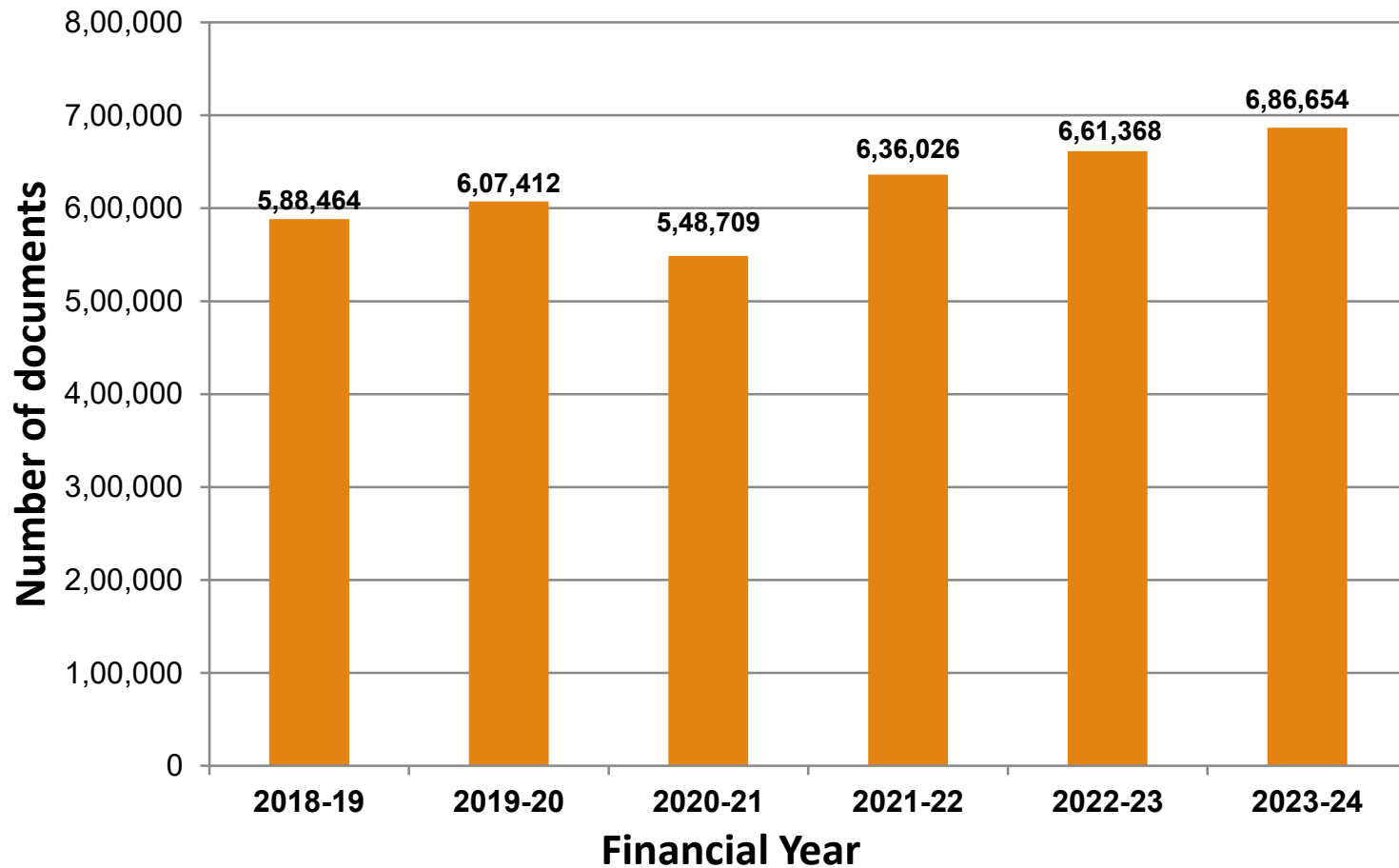
- State of Punjab is pioneer to implement National Generic Document Registration System (NGDRS) in all the SROs.
- Land Records data can be fetched online during the registration process.
- Registration of documents are integrated with land records. Auto-reference is sent to land records after registration process.
- All the Sub Registrar Offices are integrated with Revenue Offices.
- Auto-locking of e-stamp papers after verification of E-stamp papers during registration process.

Workflow of NGDRS





Registration- Number of documents





Other points: Registration

- **The legacy record of registration is available since inception of NGDRS i.e. 2018 onwards. The record is searchable by citizens.**
- **Online generation of sale deed in a template is in process and can be made available on NGDRS after the completion of Security Audit (already in process) .**



Land Records

- Land Records of approx. 99% of Revenue villages have been digitized.
- The Mutations and Rapats are being digitized on the basis of transactions of Registration of Documents or requests at Fard Kendras/Tehsil offices.
- Digitized data is available on public domain. (<http://revenue.punjab.gov.in>)
- Digitized copies are being issued through the Citizen Service Centres and through online.
- The citizens can apply for copy of RoR and the same is also being delivered at home on the request of citizens.
- Approx. 2500 Computerized Jamabandis are being prepared every year electronically.

Integration of Land Records with others





Cadastral Maps

- **Progress about Cadastral Maps**
- **Geo-referencing of all cadastral maps**
- **ULPIN (Bhu-Aadhaar) assignment for all land parcels**
- **Re-survey and upgradation of RoRs and Cadastral Maps**
- **Survey of non-cadastral areas**



Physical Progress: Cadastral Maps

- **There are 13004 villages comprising of 80,000 Cadastral Maps in the State.**
- **71,000 Cadastral Maps are in good condition and have been taken up for digitization.**
- **54,081 Cadastral Maps have been digitized and geo-referenced.**
- **Approx. 95 Lakh ULPIN has been generated by State of Punjab.**

Revenue Court Management System

Revenue Court Management System (RCMS) is implemented in all revenue courts (466) as per below:-

- Financial Commissioner
- Divisional Commissioner
- Deputy Commissioner
- Sub Divisional Magistrate
- District Revenue Officer
- Tehsildar
- Naib Tehsildar



The screenshot shows the homepage of the Revenue Courts Management System (RCMS) Punjab. The header includes the system name and the Department of Revenue, Rehabilitation & Disaster Management, Govt. of Punjab. Navigation links for Home, About, Help/FAQ, Contact us, and Forms are present. A 'Cit' logo is visible on the right.

The main content area features a dashboard with several data tiles:

Active Courts / Total Cases 466 / 153859	Pending Cases 48129	Disposed Cases 104643	Cases in Current Month 937
Cause List	Case/Application Status	Court Orders	Property under Litigation
Land Demarcation System (LDS) How To Apply Total Application: 53359	Land Demarcation System (LDS) Application Receipt	Non-Encumbrance Certificate Issuance System (NECIS) How To Apply Total Application: 327264	Non-Encumbrance Certificate Issuance System (NECIS) Application Receipt

On the right side, there is a 'Sign In (For Authorized Users Only)' section with fields for Username, User Name, Password, and Password, along with a 'Enter the code shown' field and a captcha image. A 'Login' button and a 'Forgot Password' link are also present.

At the bottom, there is a 'WHAT'S NEW' section with a link to the 'Official Portal to manage and monitor Revenue Courts [jcr/2016]'.



Features of RCMS

- **Online Portal for management and monitoring of revenue cases in the Revenue Courts.**
- **Generation of notices to Appellants and Respondents – Summoning process**
- **Interim orders and adjournments.**
- **SMS Alerts to all the stakeholders about the Status, Next Hearing Dates**
- **Generation of Cause Lists.**
- **Integrated with land records; Automatic References in Remarks Column of Jamabandis.**



Status of RCMS

- **467 Revenue Courts are active.**
- **More than 1.70 lakh cases have been registered on the portal.**
- **More than 1.17 lakh cases have been disposed of.**
- **Daily cause lists have been generated through portal and anyone can view the cause list.**
- **Interim Orders/Judgments are being uploaded on portal on daily basis.**



Digitization of Urban Land Areas

- As per the guidelines of Govt. of India, the following cities have been selected as pilot for digitization of urban land areas:

Sr. No.	Category	Name of City
1.	A	Barnala
2.	A	Khanna
3.	A	Hoshiarpur
4.	B	Rajpura
5.	B	SAS Nagar
6.	C	Derabassi
7.	C	Banur



Creation of Record in Abadi Deh

Activity	Number
DRONE FLYING IS COMPLETED	10259
MAPS WHOSE GROUND TRUTHING COMPLETED (MAP-1)	3516
MAPS GENERATED BY SOI (MAP-2)	2096
MAPS PUBLISHED AT VILLAGE PANCHAYAT	1677
MAPS FINALISED	231
PROPERTY CARD GENERATED	16456

Action Plan



Sr. No.	Activity	Target to complete
1.	Implementation of Biometric Authentication in registration process	October, 2024
2.	Online generation of sale deed	October, 2024
3.	Digitization of Cadastral Maps of remaining Villages	March, 2025
4.	Integration of cadastral Maps with ROR	March, 2025
5.	ULPIN Generation	March, 2025
6.	Computerization of land records of remaining 70 villages	June, 2025



Thank you..