



# SVAMITVA

(**S**urvey of **V**illages And **M**apping with  
Improved **T**echnology in **V**illage  
**A**reas)



MERI SAMPATTI MERA HAQ

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Ownership of land and houses plays a big role in the development of the country. When there is a record of property, citizens gain confidence

*PM Narendra Modi*



# Introduction

SVAMITVA (Survey of Villages and Mapping with Improvised Technology in Village Areas) has been envisioned as a Central Sector Scheme to provide an integrated inhabited(abadi) property ownership solution for rural India. The Pilot Phase of the Scheme was launched by the Hon'ble Prime Minister on 24th April 2020 on the occasion of the National Panchayati Raj Day.

The demarcation of rural inhabited land is done using Drone Surveying technology with the collaborative efforts of the Ministry of Panchayati Raj, Survey of India, National Informatics Centre (NIC), State Revenue Departments and State Panchayati Raj Departments. This will provide the 'record of rights' to village household owners in the form of Property Cards/Title Deeds.

# Need for Reform







Since independence, government surveys of rural land have been restricted to agricultural land. In several states the inhabited areas of villages – known as “*abadi*” land in Uttar Pradesh and Madhya Pradesh, “*lal dora*” land in Punjab and Haryana, “*gaothan*” land in Maharashtra and Gujarat, among others – have largely remained out of the purview of such surveys.

As a result, many village communities across India do not possess record of rights, and their claim of ownership over land in “*abadi*” area depends largely on their actual possession of the property.

In the absence of a legal document, the owners of the properties in the rural areas are not able to utilize their own property as a financial asset for availing loans from banks.

Therefore, to provide the right of the property to the household owner backed by the amendments in State Land Revenue Code/Acts, there is a need to use technology to provide benefits to the rural households.

# Broad Objectives

-  Enabling efficient rural planning by creation of accurate land records
-  Aiding people in preparation of quality Gram Panchayat Development Plans
-  Property card as a tool for sourcing bank loans
-  Means of reduction in property related disputes
-  Means of determining property tax in Gram Panchayats
-  Installing nation-wide network of stations for mapping and locational services

# Glimpses of various stages in SVAMITVA



Signing of MoU



CORS Station Setup



Organising Gam Sabha



Establishing Fixed Points



Marking on ground



IEC- Wall painting



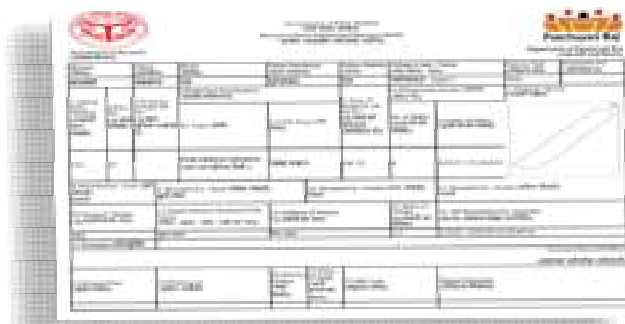
Drone Survey



Feature Extraction



Generation of Maps



Sample of Final Property Card Generated



Dispute Resolution

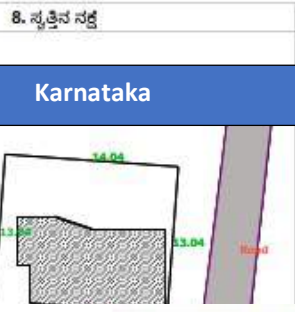
# Samples of Property Cards

Rural Property Ownership Records

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಸಂಪತ್ತಿ ಸ್ವಾಮಿತ್ವ ರಿಕಾರ್ಡ್

ಸಾಮಾನ್ಯ ಯೋಜನೆ ಕರಡು ಗ್ರಾಮೀಣ ಆಸ್ತಿಗಳ ಮಾರ್ಗೀಕರಣದ ದಾಖಲೆ

ಜಿಲ್ಲೆ:	ತಾಲ್ಲೂಕು:	ಗ್ರಾಮ
ರಾಮನಗರ	ರಾಮನಗರ	M G Palya
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ಗ್ರಾಮದ ಸ್ವತ್ತಿನ ಸಂಖ್ಯೆ	ಸ್ವತ್ತಿನ ಐಡಿ (ಪಂಚಾಯತಿ ಪ್ರಕಾರ)	
19	152900400901800190	183.42
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6. ಸ್ವತ್ತಿನ ತರಹ	ಖಾಸಗಿ	7. ಸ್ವತ್ತಿನ ಬಳಕೆಯ ಉದ್ದೇಶ



Karnataka

## मालमत्ता पत्रक

जिल्हा	तालुका / सहासील		
अहमदनगर	राहुरी		
नगर भूमापन क्रमांक	क्षेत्रफळ (चौरस मीटर)	धारणाधिकार	शासन-भाड्याप
4	711.00	अ	
सुविधाधिकार			
हक्कना (खोशून काढला जाईल तैथवर) वर्ष: 2020	महाराष्ट्री शासना जापव		
पट्टेदार			

Maharashtra

## अधिकार अभिलेख

पंचायत-तीन (नियम 6 देखिए) म.प्र.राज्य सचिवालय (म.प्र.राज्य) वि.प्र.

आमलदार... देवरी काल... पट्टेदारी... प्रत्येक... प्रमाण... वि.प्र.

सदर क्रमांक	पट्टेदार क्रमांक	पट्टेदार क्रमांक	पट्टेदार क्रमांक	1. क्षेत्रफल (चौरस मीटर)	2. मूनाकरण (चौरस मी.)	3. मूनाकरण (चौरस मी.)	4. मूनाकरण (चौरस मी.)	5. मूनाकरण (चौरस मी.)	6. मूनाकरण (चौरस मी.)	7. मूनाकरण (चौरस मी.)	8. मूनाकरण (चौरस मी.)	9. मूनाकरण (चौरस मी.)	10. मूनाकरण (चौरस मी.)
19	19	19	19	19	19	19	19	19	19	19	19	19	

Madhya Pradesh



Government of Uttar Pradesh  
उत्तर प्रदेश सरकार  
Record of Rural Habitation-Gharana (RHR)  
ग्रामीण आवासीय अभिलेख (गारना)

Department of Revenue (उत्तर प्रदेश)

Distric (जिल्हा)	Taluk (तालुका)	Block (ब्लॉक)	Gram Panchayat (ग्राम पंचायत)	Police Station (पोलीस स्टेशन)	Village Code (ग्राम कोड : गाव)
बाराबंकी	महाबूब	देवा	मुआजाबा	देवा	गाविसंख्या : 104
1. Ashabi (प्लॉट नंबर)	2. Plot No (प्लॉट नंबर)	3. Property Unique ID (प्लॉट नंबर)	4. Property Classification (संपत्ति वर्गीकरण)	5. Area of property (क्षेत्रफल)	6. Distric (जिल्हा)
133	07	निर्देशांक	4.1 Type (वैध)	4.2 Sub Type (उप-वैध)	161.28
8. Bounded by - East (पूर्व)	9. Bounded by - West (पश्चिम)	10. Bounded by - North (उत्तर)	11. Bounded by - South (दक्षिण)	12. State of (राज्य)	13. State of (राज्य)

Uttar Pradesh



# SVAMITVA is Leveraging Technology at Scale- CORS & Drones



Survey grade drones along with Continuous Operating Referencing System (CORS) network to quickly create high-resolution maps.

The high-resolution images enable easy recognition of own plots' dimensions.

A total of 400+ Drone Teams employing approx. 2000 skilled manpower to cover the entire country.

High quality Survey Grade UAVs/Drones enable generation of maps on a scale of 1:500 with an accuracy of +/- 5 cms.



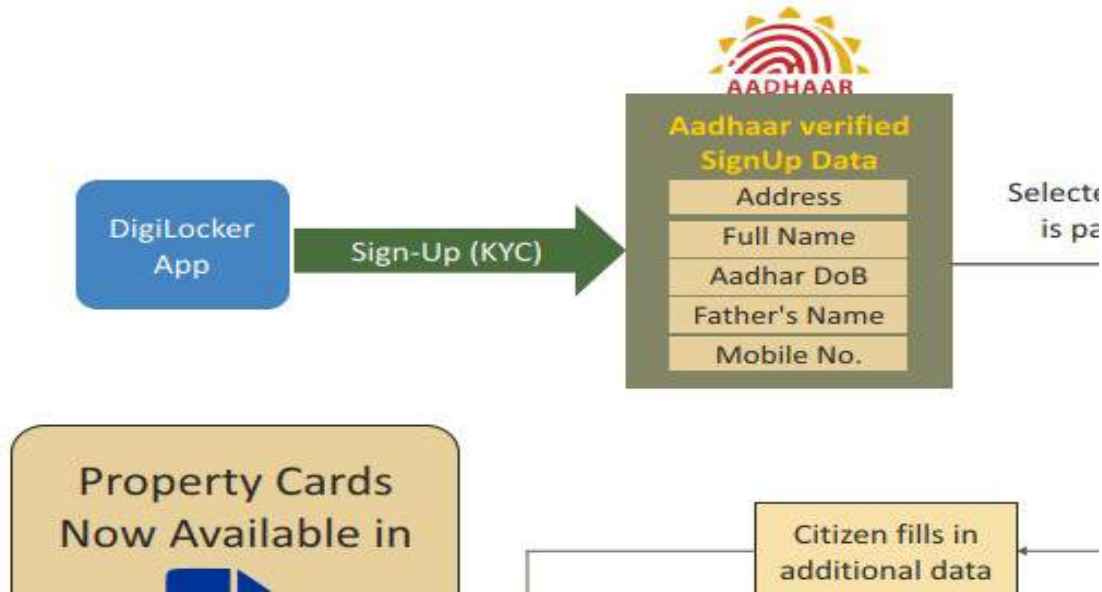
Creation of Public Infrastructure of 567 CORS stations, i.e. a geo-positioning infrastructure, which can be used to replace the chain surveys practiced in several States

This will also have spill over benefits for all departments in the estimation and checking of public works.

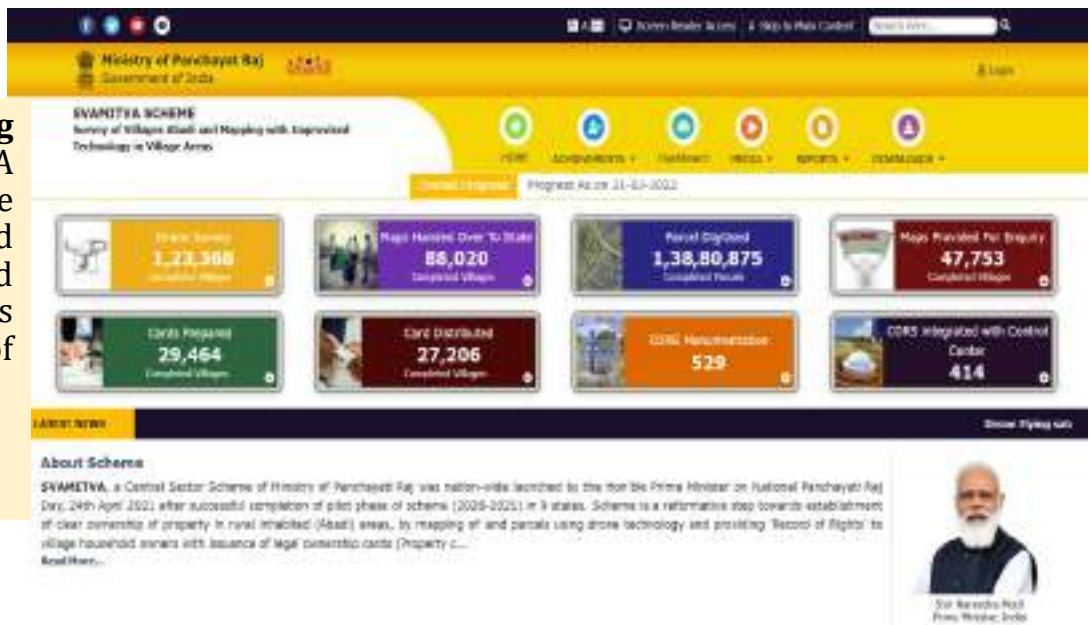
# SVAMITVA is Leveraging Technology at Scale- Digi-Locker & Dashboard

Property cards are now available in **DigiLocker app**.

Beneficiaries can now view and download the property card through the DigiLocker App.



**Online Monitoring System** - A centralized online monitoring and reporting dashboard for real-time progress monitoring of SVAMITVA implementation.

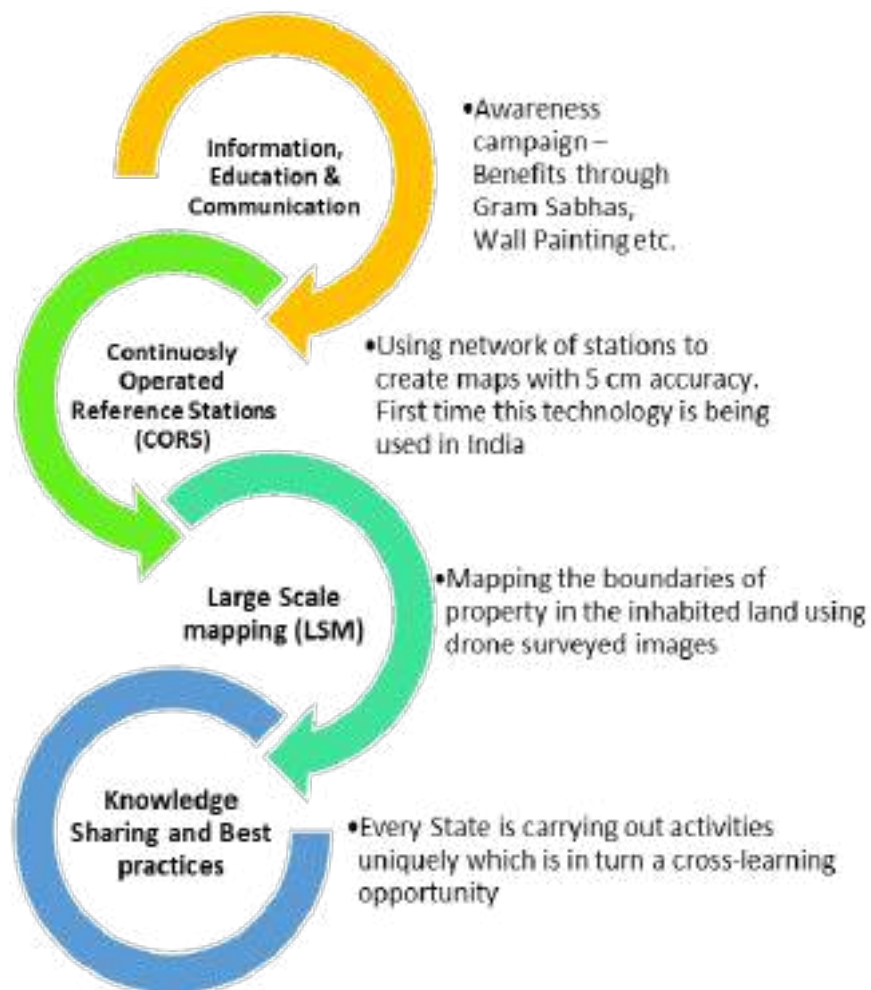


**SVAMITVA Dashboard**

# Coverage

- MoU signed with 31 States and UTs for implementation of SVAMITVA Scheme.
- Nearly 2.38 lakh villages covered till 31<sup>st</sup> March 2023 and remaining villages planned to be covered with drone survey by March 2024.

## Broad Activities of the Scheme Include



# Launch of the Property Card Distribution by Hon'ble Prime Minister

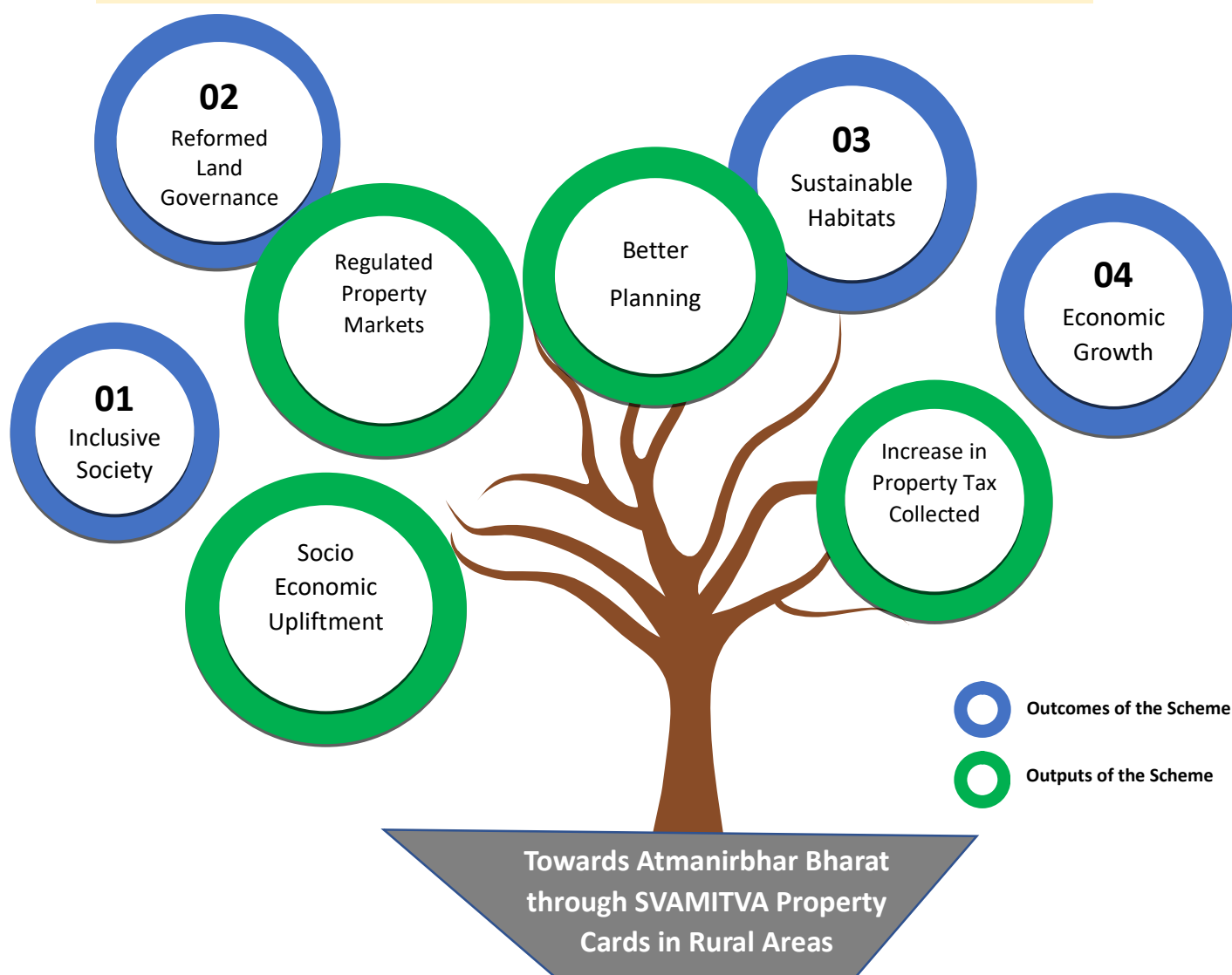


As a first milestone of the Scheme, the Hon'ble Prime Minister launched the physical distribution of Property Cards to about 1 lakh Property Owners of 763 villages of six Pilot Phase States (Maharashtra, Karnataka, Haryana, Uttar Pradesh, Uttarakhand and Madhya Pradesh) on 11<sup>th</sup> October 2020.

# SVAMITVA Led Benefits for the Property Owners & Rural Landscape

SVAMITVA scheme envisions direct, long-term impact on the residents of the rural India.

## Four Identified broad areas of Impact



# SVAMITVA Led Benefits for the Property Owners & Rural Landscape



## Inclusive Society

Throughout the history, scholars and development specialists have linked **‘Access to Property Rights’** with **‘Improvement in socio-economic standards of vulnerable population in villages’**. The SVAMITVA Scheme aims to enable the same.

## Land Governance



Land is an essential resource for any economic activity aimed at creation of material wealth in the world. Lack of clearly demarcated Abadi area has led to high number of land-conflict cases. As per reports, millions of people suffer the impact of land conflicts across India and the World. The SVAMITVA Scheme aims to address the root cause for disputes at local level.



## Sustainable Habitats

Creation of High-resolution digital maps for better Gram Panchayat Development Plans (GPDP) leading to improvement across infrastructure like schools, community health centres, rivers, street light, roads etc. through efficient allocation of funds and increased accessibility.

## Economic Growth



The key outcome is to help people monetize their property as a collateral. Furthermore, a boost to India’s economic growth through streamlining of Property tax, in States where it is levied leading to increase in investments and ease of doing business.

# Success Stories



Property Cards received through SVAMITVA Scheme will help use secure loan from Banks. Disputes related to property have reduced as well

- Smt. Garima Soni, Resident, Harda, Madhya Pradesh



The Adhikar Abhilekh received through SVAMITVA Scheme has helped us secure our land in the village

- Smt. Shaliya Siddiqui, Harda, Madhya Pradesh



SVAMITVA Scheme has helped our village get free from the clutches of Lal dora. The title deed provided by the State government has helped us save time and money, increase valuation of land. We are thankful to government for SVAMITVA Scheme

- Sh Dinesh Kumar, Kaithal, Haryana



We have been able to get our names registered as rightful owner of the house, this will help us avail bank loan and benefits of other government scheme as well

- Smt. Madhulika, Haridwar, Uttarakhand



Availed a loan of Rs. 2,90,000 under SVAMITVA scheme to increase my business

- Sh Pawan, Harda, Madhya Pradesh



# Success Stories

## Success Stories from Villages of Jhansi District of Uttar Pradesh

### Settlement of Ancestral Dispute

Sh Ramgopal, Sh Chandrabhan and Sh Harishchandra

The dispute pertaining to their ancestral land was pending for many years. The efforts to settle the dispute were not successful. The settlement of the ancestral land could

### Availing Bank Loan through SHS

Sh Ramprakash, Resident of Village

Ramprakash belonging to Scheme has limited sources for earning. He is planning to set up his own shop. Based on the SHS, he is availing a loan under SVAMITVA Scheme on 10th

### Settlement of Dispute- Removal of Encroachment

Sh Suvendra Prakash, Resident

The land parcel leading to the house was illegally occupied by others. It was a narrow stretch of pathway causing inconvenience. The efforts were made to remove the encroachment



# Success Stories

## Success Stories from Villages of Pauri and Dehradun Districts of Uttarakhand

Sh Mamchand, a resident of Village Bheemawal, Vikasnagar Taluk of Dehradun district was issued property card under SVAMITVA Scheme in August 2022.

On 3<sup>rd</sup> March 2023, the said property owner was issued an eviction notice by Uttarakhand Jal Vidyut Nigam Ltd for clearing "encroachment"

Property owner filed a petition with Hon'ble High Court of Uttarakhand, Nainital on 14<sup>th</sup> March 2023 to put stay on the removal of the property

On 15<sup>th</sup> March 2023, Upon examining the case in point and property ownership documents furnished by the petitioner. The Hon'ble High Court of Uttarakhand passed the judgement for recalling of the notice served by UJVN. Thus granting relief to the property owner.

 Times of India

### UJVNL stalls drive against encroachment near its p plant in Dehradun



Reaping the benefits of SVAMITVA Scheme, property owners constructed Home Stays on their Land in Goda Village, District Pauri



Completed construction of Home Stay in Goda Village, District Pauri

# Rural Land & Property: Before and After SVAMITVA

S. No.	Primary Objective	Before SVAMITVA	After SVAMITVA
1	Banks recognize proof of ownership for rural property owners	> Dependence on money lenders with exorbitant interest rates	> Banks amenable to provide loans as per standard practices
2	Aiding survey infrastructure	> Monitoring of works based on laborious ground-work	> Panchayats and Departments can plan their development easily
3	Enabler for reduction in property related disputes and legal cases	> High disputes due to absence of property card with individuals	> Greater social security through title deeds updated using technology
4	Enabler as determinant of property tax	> Low levels of property tax collection by several states	> Streamlined levy of property taxes by Panchayats leading to empowerment of the villages

# Property Card Distribution - Milestone



Property Card distribution in Uttar Pradesh on 23<sup>rd</sup> December 2021 by Hon'ble Prime Minister

Nearly 23 Lakh property cards were distributed in 15,940 villages

- Till 31<sup>st</sup> March 2023, approx. 1.24 Crore Property Cards have been prepared in nearly 74,799 villages in the States of Haryana, Karnataka, Madhya Pradesh Rajasthan, Maharashtra, Uttar Pradesh, Uttarakhand, Ladakh, Chhattisgarh, Dadra and Nagar Haveli Daman and Diu, Gujarat, Jammu Kashmir, Odisha, Puducherry, Punjab, Goa and Andaman and Nicobar Islands.

# Expert Committee Report on SVAMITVA Scheme



The **Report of Expert Committee on SVAMITVA Scheme** was released by Shri Sunil Kumar, Secretary, Ministry of Panchayati Raj during the National Conference on SVAMITVA Scheme and Rural Planning held on 3rd November, 2022 at Bhopal, Madhya Pradesh. It provides the guiding principles that States may adopt in order to realize the objectives of the SVAMITVA Scheme holistically. The report is available on [svamitva.nic.in](http://svamitva.nic.in)

The Committee was formed in February 2022 under the Chairmanship of Sh B K Agarwal, Former Secretary to the Government of India and Former Chief Secretary, Government of Himachal Pradesh.

It consisted of domain experts from Land Governance, Banking, Survey of India, NIC-GIS, State Revenue and Panchayati Raj Departments, Industry and premier Planning and Architecture Institutes.

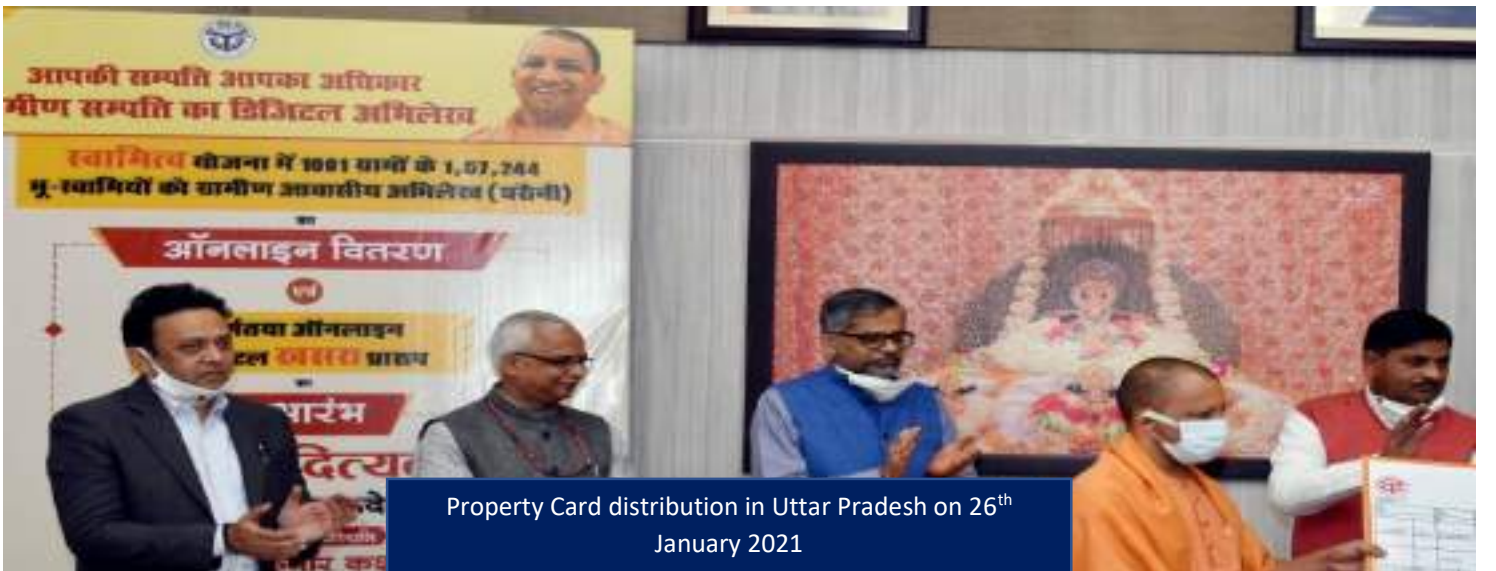
Recommendations have been curated to promote transparency in the implementation of SVAMITVA

Scheme, increase bankability of property cards, promote accurate assessment and collection of property tax, wider adoption of SVAMITVA data by different agencies, and develop accurate village plans for development using spatial data of SVAMITVA Scheme

# Endorsements: Government



Property Card distribution in Madhya Pradesh on 5th October 2021 by Hon'ble Prime Minister  
Nearly 1.7 Lakh property cards were distributed in 3,000 villages



Property Card distribution in Uttar Pradesh on 26<sup>th</sup>  
January 2021

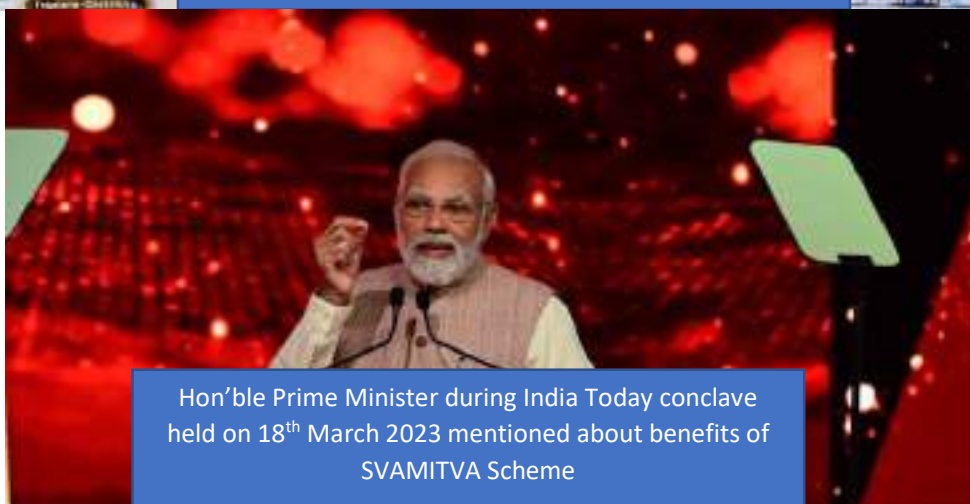
# Endorsements: Government



Hon'ble Minister, Panchayati Raj, Sh Giriaj Singh inaugurates National Meet on SVAMITVA Scheme on 14<sup>th</sup> September 2021

The conference saw the participation of more than 60 officials from 26 States and UTs, Survey of India and Central Ministries. Senior officers from the Department of Land Resources, Ministry of Civil Aviation, NITI Aayog, Ministry of Rural Development attended the program.

# Endorsements: Government



# Endorsements: Government



**Narendra Modi** @narendramodi · Oct 11, 2020  
A historic effort towards rural transformation. #Sv



The Hon'ble Prime Minister of India



PMO India @PMOIndia  
PM-SVAMITVA Yojana is an example of how digitalisation benefits the people.



**Shandilya Giriraj Singh** @girirajsinghbjp

मेरी संपत्ति मेरा अधिकार।  
स्वामित्व योजना से प्रत्येक ग्रामीण को सशक्त।  
66,319 गांवों के मानचित्र राज्यों को सौंपे गए

Translate Tweet



The Hon'ble Minister of Panchayati Raj



**Shandilya Giriraj Singh** @girirajsinghbjp | 1,075,298 followers


SVAMITVA, a Central Sector Scheme of the Ministry of Panchayati Raj, has successfully completed the pilot phase of the scheme in 9 states. It has created a 'record of rights' to village household owners in rural Abadi and





# Endorsements: Government

# Endorsements: Media

 ThePrint

This scheme mapping 'abadi' village are situation for Gram Panchayats

 NDTV.com

PM Distributes E-Property Cards To Beneficiaries Of SVAMITVA Scheme

 The Hindu

SVAMITVA Yojna enhanced rural economy's strengt implemented at national level: PM Modi

 Mint

The Svamitva scheme can revitalize our

Svamitva aims to survey village areas and provide a

 The Financial Express

Gaining from SVAMITVA- Survey of Villag with Improvised Technology in Village Are

# Endorsements: Gram Panchayats



There is a lot of excitement and curiosity among the residents of the villages for the SVAMITVA scheme. Residents have known the reality of their land holdings during the Chunna marking stage. The scheme has been under a lot of discussion among the village residents and some of the beneficiaries have also availed bank loans for constructing homestays. Residents are quite happy with the property cards they have received.



*-Smt. Suman Godiyal, Gram Pradhan, Goda Village, Pauri Garhwal, Uttarakhand*



It is a matter of pride for the village to be able to reap benefits of the scheme. There was no dispute during the Chunna marking stage and people have complete trust in the level of technology being used and transparency in the processes involved.



*- Vishwanath Krushna Mujumale, Former Sarpanch, Kondhapur Village, Pune, Maharashtra*



Through the digitized maps created, Gram Panchayat was able to increase the property tax collection by 16% as a result of identification of ownerships of vacant land.



*- Vilas Badadhe, Secretary, Waluj Gram Panchayat, Pune, Maharashtra*



MINISTRY OF PANCHAYATI RAJ  
GOVERNMENT OF INDIA