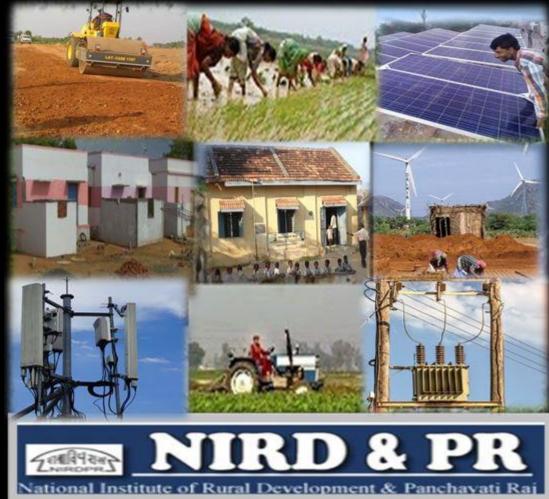
# Preparation of Gram Panchayat Spatial Development Plan (GPSDP)

AKAM Governance Conclave 12<sup>th</sup> April, 2022

Dr. P Kesava Rao Associate Professor & Head (CGARD)

## National Institute of Rural Development and Panchayat Raj Hyderabad

A collaborative study with School of Planning and Architecture, Bhopal. GPSDP, Barkheda Salam Gram Panchayat for Ministry of Panchayat Raj Government of India



## PREPARATION OF GRAM PANCHAYAT SPATIAL DEVELOPMENT PLAN (GPSDP)

Plan proposal for short term (5 years) for zoning and efficient land utilisation in the rural areas and a participatory spatial planning for Gram Panchayat.

- Identification of Spatial Planning parameters in VDP to be created
- Develop a methodology for inclusion of Spatial Planning at Gram Panchayat Level
- Implementation process under the statute of 73<sup>rd</sup> Ammendent

#### **Spatial Attributes**

**Physical features** 

Land ownership and holding

Housing condition

**Physical Infrastructure** 

#### Social Infrastructure

#### Non Spatial Attributes

Socio-economic data

#### Social structure

Decision regarding:1. Land Use/Zoning2. Housing and Infrastructure

Draft Report – Recommended process flow , data layers, spatial decision and convergence framework



Participatory Planning and Decision Making Information required to be generated to prioritize the planning intervention

quality of life spatial information
Socio Demographic characteristics-

- Caste,
- Literacy,
- •Employment, (agri , NFRE and other
- Land holding,
- Land Values
- Spatial spread according to caste and income(settlement pattern),
- Asset possession,
- Housing
  - Typology- Spatial spread according (Age, Condition, Material)

## Environment-

- water quality,
- soil fertility,
- air quality cooking fuel, stubble burning

## **Business/Agriculture Environment Spatial**

### information

- Area under irrigation
- Availability of Mandi /Market
- Seed availability
- Area under cultivation
- Change in cropping pattern
- Nearness to urban area
- Warehousing
- Livestock-Animal husbandry , Poultry
- Infrastructure Spatial information

# Physical Infrastructure-

- Water availability,
- electricity network
- road network,
- public transport availability,
- sanitation

## Social Infrastructure-

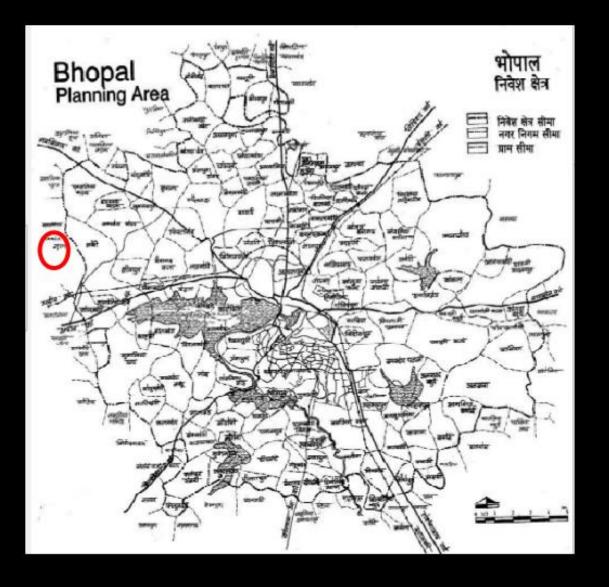
- Health,
- Education,

# Community spaces

Village Governance information

- Administrative setup
- Schemes and Initiatives

#### LOCATION OF SELECTED VILLAGE



- Selected village lies just outside Bhopal
   Planning Area
   boundary.
- Selected as an example of peri-urban village.
- Need to prioritize such settlements due to proximity to city.

## SELECTED VILLAGE AND SURROUNDING SETTLEMENTS



Planning Boundary Municipal Boundary Study Area Boundary Villages Study Villages Roads Railway Line Airport Lake Oil Depot Educational Institute

## SOCIO-DEMOGRAPHIC AND SOCIO-ECONOMIC BASELINE FROM CENSUS (SOURCE: CENSUS, 2011)

Settlement		Cen Co		Area (	Ha)	Household	ds	Population	Males	Femal	es	Literates
								2005				
Barkheda Bondar			2459	1999	6.36		135	2005	1019		986	1121
Mubarikpur		482	2461	42	6.94	2	248	1526	785	7	41	906
Meerpur		482	2462	21	6.11		3	14	9		5	4
Bhauri		482	2463	14	84.6	5	575	3031	1538	14	193	1988
Jamoniyachhir		482	2464	24	4.23	1	109	623	318	3	805	385
Kolu Khedi		482	2465	51	9.67	3	323	1423	782	e	641	1092
Barkheda Salam		482	2471	82	8.21		394	2043	1049	g	94	1157
Bakaniya		482	2478	93	6.65		329	1593	817	7	76	1033
Settlement	Tot	al	Perce	entage	Per	centage of	P	ercentage of	Percent	age of	Per	centage of
	work	kers	of	main	cu	ltivators	1	agricultural	house	hold	oth	er workers
			wo	rkers	(n	nain and	lat	ourers (main	workers	(main	(r	main and
					m	narginal)	a	nd marginal)	and ma	rginal)	n	narginal)
Barkheda Bondar	70	8		73		12		69	3			16
Mubarikpur	83	4		64		16		34	3	k.		47
Meerpur	9	E.	-	44		0		0	0	ſ		100
Bhauri	135	55	1	68		36		39	5	í.		19
Jamoniyachhir	34	3	1	59		31		13	0	)		56
Kolu Khedi	66	4		82		40		41	2			18
Barkheda Salam	100	03		85		62		26	1			12
Bakaniya	66	4	1	62		26		56	0	l.		18

## LAND CLASSIFICATION AS PER CENSUS (SOURCE: CENSUS, 2011)

Forest Area (in Hectares)	Area under Non- Agricultural Uses (in Hectares)	Un-	and Other Grazing Land Area (in	Land Under Miscellaneous Tree Crops etc. Area (in Hectares)	Culturable Waste Land Area (in Hectares)	than Current Fallows Area (in	Current Fallows Area (in Hectares)	Net Area Sown (in Hectares)
0	62.17	0	Hectares) 65.34	0	63.53	Hectares) 94.57	0	542.6

Table 2-7 Village development indicators for Barkheda Salam					
S.No.		Indicator	Barkheda Salem		
	CE	NSUS INDICATORS (2011)			
Populatio	Population 2043				
Density (persons/ sq. km) 279					
		DEMOGRAPHIC			
1	Density (pph)	Abadi Area	143		
		81-91	23%		
2	Dan Crowth Data	91-2001	24%		
2	Pop. Growth Rate	2001-2011	20%		
		2011-2017	23%		
4	Percentage Floating	(Work & Other purposes) outgoing	58%		
3	Population (existing	Only work - Outgoing	44%		
	population)	Incoming	0		
		ECONOMIC			
4	Percentage of Non-	RNFE within village	249/		
4	agricultural population		34%		
5	Land Holding Sizes	Less than 5 Acre in percentage	98.40%		
		Circle Rates	5000 per sqmt Raw Land		
6	Land Values (Lakhs/ Ha)	Market rates (Near Road)	6000 per sqmt		
		Market rates (away from road)	4800 per sqmt		
Taken fro	om a report by Anima Gupta	a 'Measuring Urbanization Around a	<b>Regional Capital :The</b>		
Case of E	Shopal District.'				

S.No.		Barkheda Salem			
SOCIAL					
7	Literacy Rate (%)	68%			
8	Male - female differentia	l in literacy rate (%)	38%		
SPATIAL					
9	Percentage of non-reside	10%			
	Extend of Commencial	Percentage area	5.00%		
10	Extent of Commercial space	No. of commercial establishments (no./100 pop.)	0.93		
		2002-05	8.90%		
	Built-up area change	2005-10	16.40%		
11		2010-13	25.90%		
		20013-17	24.26%		

S.No.		Indicator	Barkheda Salem			
	INFRASTRUCTURAL					
		Percentage of HHs having pucca houses	57%			
12	Dhusiaal Canditian	No. of telephone towers	1			
	Physical Condition	Percentage of pucca streets	40%			
		No. of Street Lights	nil			
	Physical Infrastructure	Tap water	43%			
13	(percentages of HHs	Sewer System (Septic Tanks)	24%			
		Electricity	100%			
		Drainage on streets(percentage)	40%			
	Social Infrastructure	Medical-Govt.	0			
	(No. of medical and	Medical - Pvt.	1 Pvt. Clinic			
	educational facilties,	Education - Govt.	1 Primary,			
14	facility/ 1000		1 Middle,			
	population)		1Secondary			

S.No.		Indicator	Barkheda Salem				
	INFRASTRUCTURAL						
		Approach Road - Metalled/ un- metalled	PMGSY				
		Distance from town (Km)	24 Km(Bhopal)				
15	Connectivity with town	Frequency of Bus/ Pvt. Vehicle	1 bus/ half an hour (2				
			km away)				
			IPT also available				
			within village				
17	<b>Communication facilities</b>	Computer/ vocational centre	Nil				
		News papers/ day	65				
	Percentage of HHs	T.V.	92%				
	having assets	DTH service (Dish T.V.)	70%				
		Two-wheeler	78%				
10		Four-wheeler	10%				
18		Mobile Phones	98%				
		LPG	48%				
		pour of India 2011: Cupta 201					

(Source: Census of India, 2011; Gupta, 2013; Primary survey)

# EXISTING FRAMEWORK FOR VILLAGE PLANNING

- Government of Madhya Pradesh passed the Panchayat Adhiniyam 1993 which provides Panchayat for villages, Janpad Panchayats for blocks and District Panchayat for district.
- Barkheda Salam GP has single Revenue Village and falls under Phanda Janpad Panchayat within Bhopal Zilla Panchayat.
- The village lies outside Bhopal Planning Area and as such, the provisions of the Madhya Pradesh Nagar Tatha Gram Nivesh Adhiniyam do not apply to it.
- As per Section 7 of the Madhya Pradesh Panchayat Raj Avam Gram Swaraj Adhiniyam, 1993, Gram Sabha has the power to approve all plans including Annual Plans, programmes and projects for social and economic development.



- Act states that the Gram Sabha shall evaluate next ten years approximate fund to be received, and make a ten years' long term plan for village development, with the help of experts and approve the same.
- The plan shall be prepared keeping in view the land use plan and requirement of basic amenities of Gram Sabha, on priority basis of long term plan through a yearly plan based on the financial resources to be received per year to the Gram Kosh of a Gram Sabha.
- Currently land use plan for villages not prepared under Act.
- Planning is restricted to sectoral planning at present in the form of the GPDP (annual).

## CURRENT GPDP OF SELECTED VILLAGE

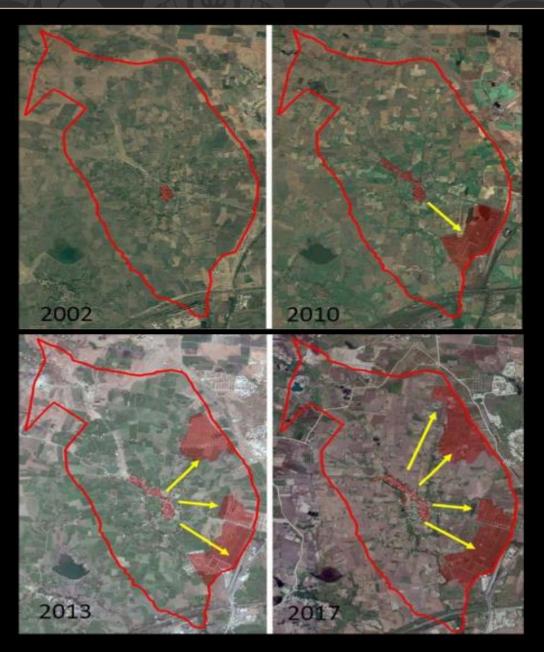
क्र.	नाम	विभाग	कार्य का प्रकार	योजना का नाम	कार्य की लागत	एजेंसी का प्रकार
	सी सी रोड नाली सहित नारायण के घर से शमशान की और	Panchayat Raj Directorate	CC Road	Panch Parmeshwar Scheme	8	Gram Panchayat
2	सी सी रोड डी.पी. से शमशान की और भाग एक	Panchayat Raj Directorate	CC Road	13th FC Performance Grant- Zilla Level	5	Gram Panchayat
1.000	सी सी रोड डी.पी. से शमशान की और भाग दो	Panchayat Raj Directorate	CC Road	13th FC Performance Grant- Zilla Level	8	Gram Panchayat
4	स्टाप डेम खजुडली नाला	Panchayat Raj Directorate	Well	13th FC Performance Grant- Janpad Level	10	Gram Panchayat
5	मेन रोड तालाब के पास से बकानिया कांकड़ सड़क	Panchayat Raj Directorate	Gravel Road	13th FC Performance Grant- Zilla Level	10	Gram Panchayat
1201	सी सी रोड भगवानसिंह के घर से यादव के घर तक	Panchayat Raj Directorate	CC Road	13th FC Performance Grant- Janpad Level	5	Gram Panchayat
1.2	मेन रोड तालाब के पास से बकानिया कांकड़ सड़क	Panchayat Raj Directorate	Gravel Road	14th FC	10	Gram Panchayat
1000	सी सी रोड भगवानसिंह के घर से यादव जी के घर तक	Panchayat Raj Directorate	CC Road	14th FC	5	Gram Panchayat
	सी सी रोड भगवानसिंह के घर से यादव जी के घर तक	Panchayat Raj Directorate	CC Road	14th FC	5	Gram Panchayat
	सी सी रोड धनसिंह के घर से लडू मारन के घर तक	Panchayat Raj Directorate	CC Road	14th FC	5	Gram Panchayat

- No spatial linkage in GPDP. Future land use not envisaged.
- Development Control Rules not linked.

Т	Table 1- 2 Observations/modifications suggested in proposed draft RADPFI during the studies conducted for preparation of model village plan						
	Category	Use category proposed		Activities proposed to be modified/ added			
		Residenti al and mixed	Residences*	Residential along with minor commercial activity (daily needs shop, atta chakki, milk selling, dhobi, tea stall, handicraft shop etc)			
Built up	Commercial/ Economic		Retail shopping Informal Shop Daily market, weekly, informal, regulated and specialised markets Godowns, Storage grounds	Anaj mandi, petrol pumps, poultry farms, motels, dhaba or restaurants, any other specialized market as per local produce can be listed in this category			
	Utilities and Services		Bank, ATM, Credit Society, Police thana, Cremation /Burial ground Crematorium, Community Hall,Dharamshala, Public Toilet, Social Welfare Centre	Waste disposal, water supply, baodies, electric substation and other utilities			
	Special Area		Temple, Heritage area, Scenic Value Area, Government Restricted Areas				

	Activities permitted	Activities propose	d to be modified/ added
Б	Area under non agricultural use	Land under Agriculture	<ol> <li>Net sown</li> <li>Cultivable land</li> </ol>
Non- Built Up Area	Barren and Un-Culturable use	Land not under Agriculture	<ol> <li>Fallow Land</li> <li>Barren land</li> <li>Forest/ plantation</li> <li>Pasture land</li> <li>Orchids</li> <li>Waste land</li> <li>Water bodies natural</li> </ol>

# LAYER 1: EVOLUTION OF THE SETTLEMENT

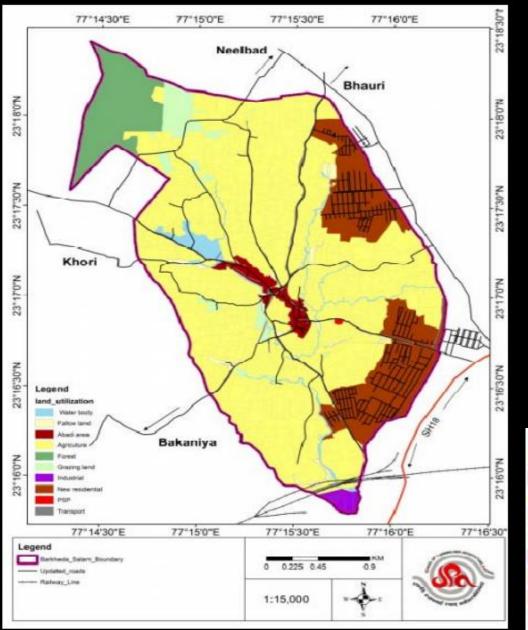


- Evolution during last 15 yrs (recommended) shown clockwise from 2002 till 2017
- Private colonies start emerging around 2010 (after edu hub comes up in neighbourhood)
- Inhabited area of village grows in response to the external factors

## MAP THE TEMPORAL GROWTH OF THE SETTLEMENT AND ESTABLISH 'EXTENSIONS' BEYOND RECOGNIZED ABADI AREA



# LAYER 2: LAND USE AND BUILT USE

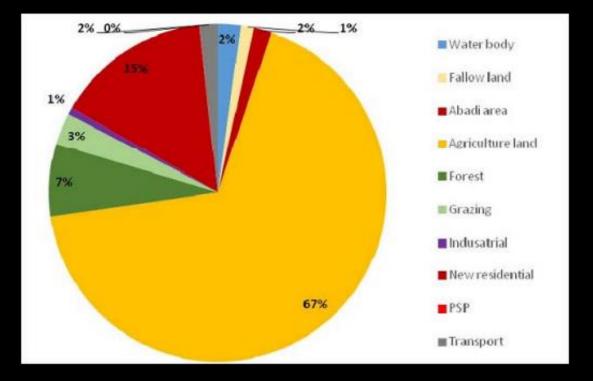


- Map overall land use
- Land use code decided on the basis of agricultural census and conventional land uses in URDPFI/draft RADPFI guidelines
- Land use code may be finalized in consultation with PRD Dept. And/or LR authority of states



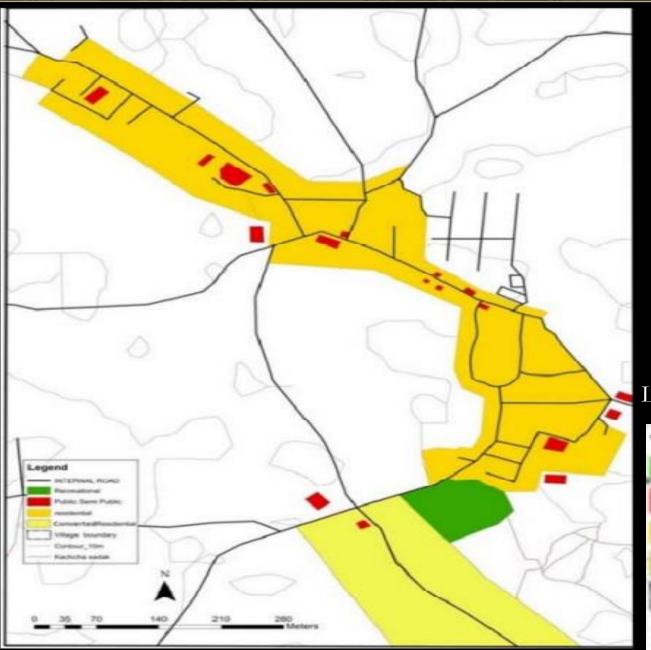


## **AREA DISTRIBUTION**



- Abadi area consists of approximately 7% of the total area of Barkheda Salam.
- It is located centrally in the village along the main road.
- 18% of the agricultural land has been converted into residential area which is owned by private developers and builders.
- The rest of the 81% of the land is restricted to agricultural activities.

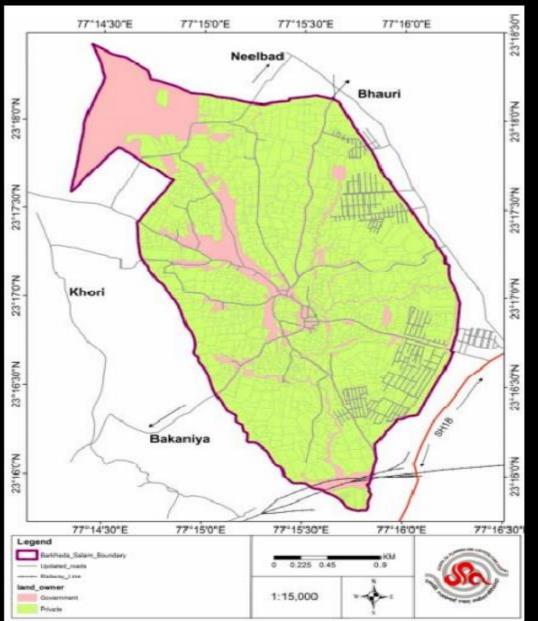
## MAP OF ABADI LAND USE



Land Use

Internal Road Recreational Public Semi Public Residential Converted Residential Village Boundary Contour\_10m

## MAP LAND OWNERSHIP ANALYZE LAND HOLDING PATTERN



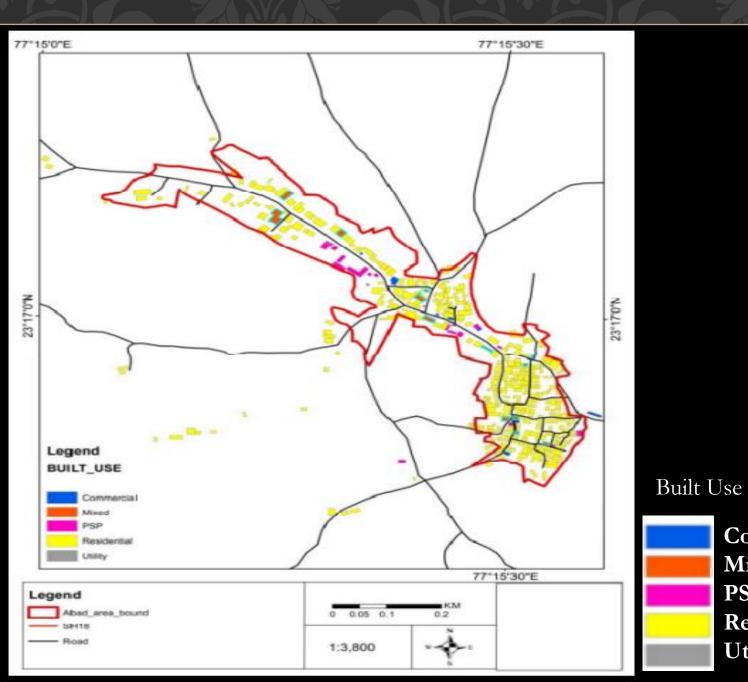
L la stana	No. of Land name of
Hectare	No. of Land parcels
0-0.5	963
0.5-1	319
1-1.5	100
1.5-2.0	35
2.0-2.5	14
2.5-3.0	7
3.0-3.5	1
3.5-4.0	2

Ownership



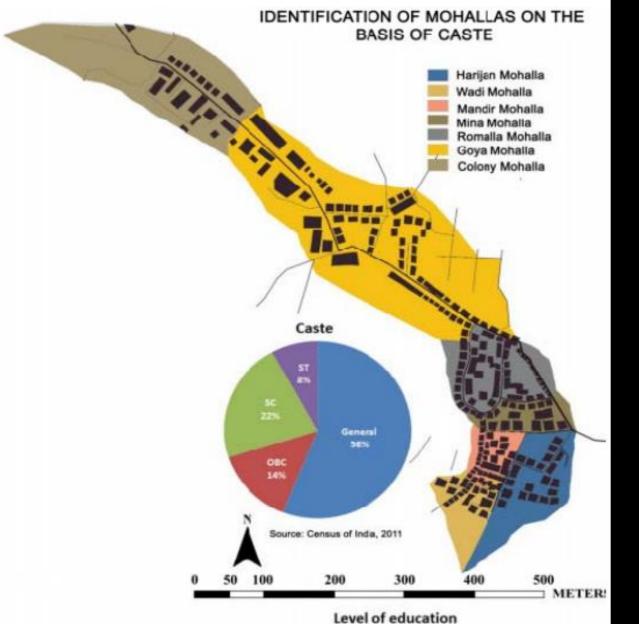
Government Private

## **MAP BUILT USE**



Commercial Mixed PSP Residential Utility

## LAYER 3: SOCIO DEMOGRAPHIC ASPECTS



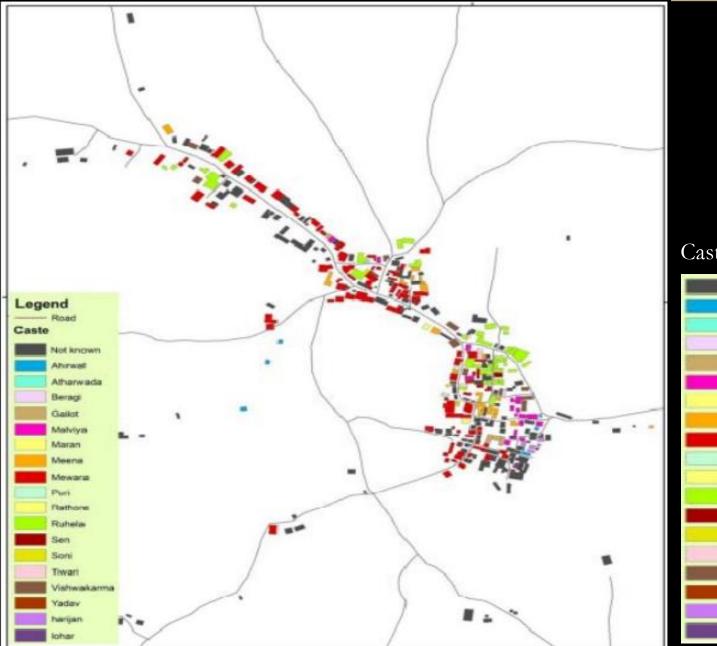
 Map relation between settlement and caste/community

#### Caste



Harijan Mohalia Wdi ohalia Mandir Mohalia Mina Mohalia Romalia Mohalia Goya Mohalia Colony Mohalia

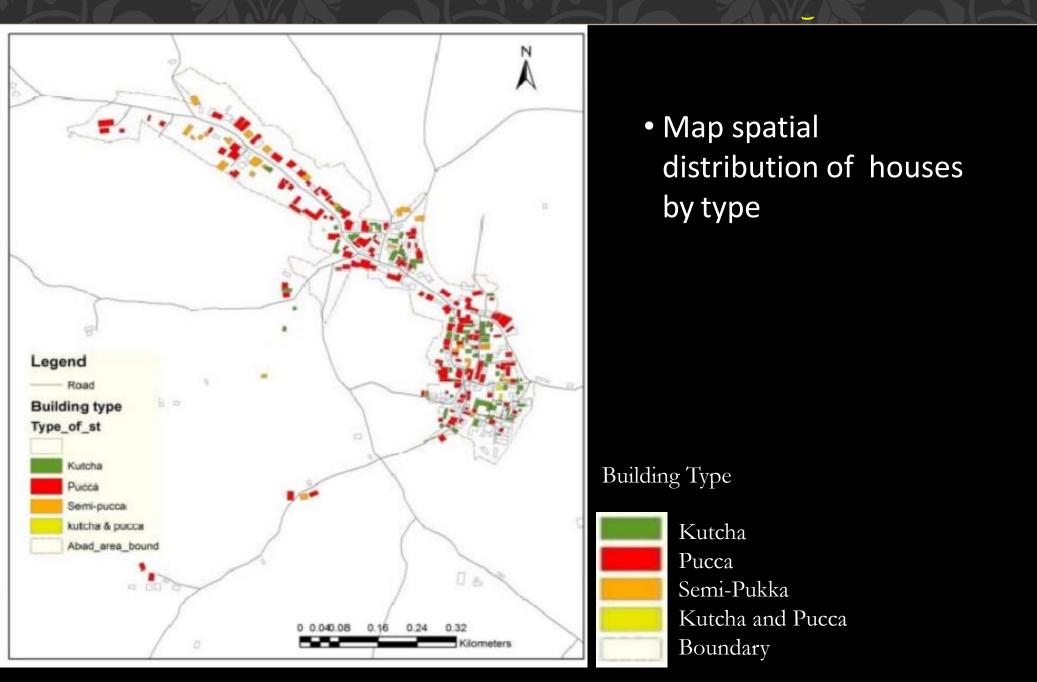
# **MAP SPATIAL DISTRIBUTION OF HOUSEHOLDS BY CASTE**



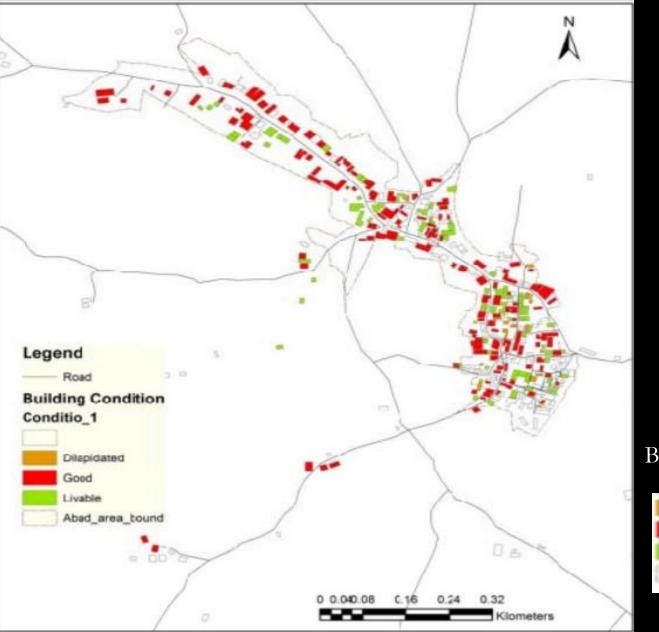
Caste

Not Known Ahrwal Atharwada Beragi Gailot Malviya Maran Meera Mewara Puri Rathone Ruheja Sen Soni Tiwari ViswaKarma Yadav Harijan Lohar

## LAYER 4: HOUSING QUALITY



## MAP SPATIAL DISTRIBUTION BY CONDITION

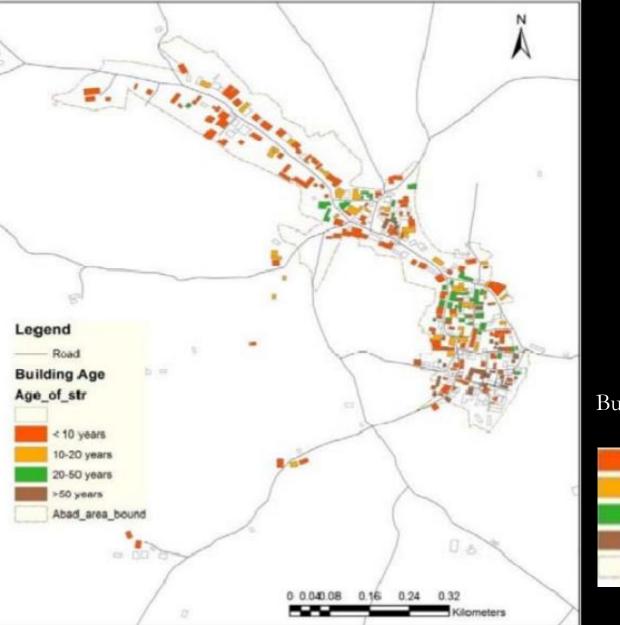


#### Building Condition



Dilapidated Good Livable Abad Area Boundary

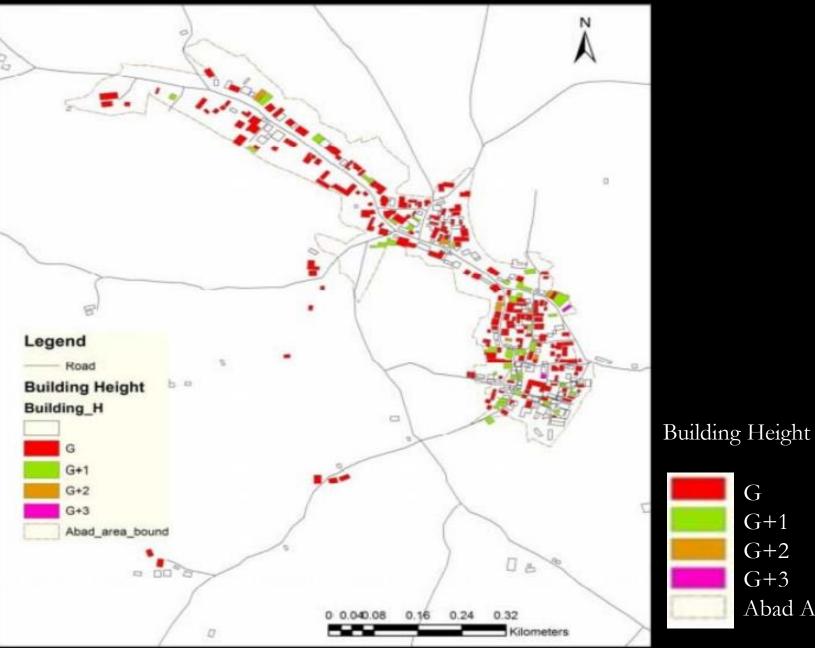
## MAP SPATIAL DISTRIBUTION OF HOUSES BY AGE



#### Building Age

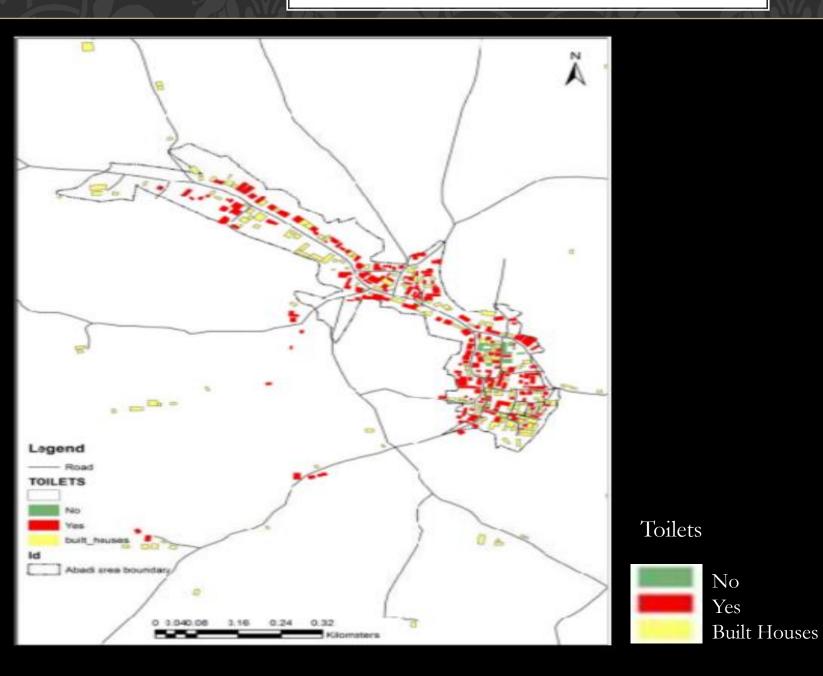
< 10 years</li>
10 – 20 Years
20 – 50 Years
>50 Years
Abad Area Boundary

# MAP SPATIAL DISTRIBUTION OF BUILDINGS BY HEIGHT

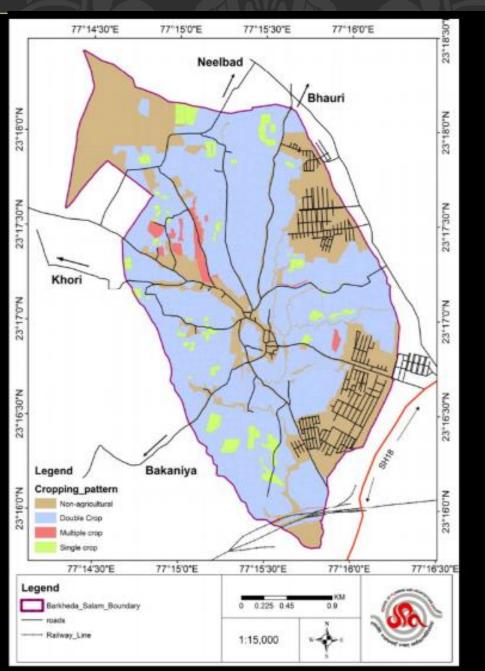


G G+1 G+2 G+3 Abad Area Boundary

## MAP TOILET AVAILABILITY



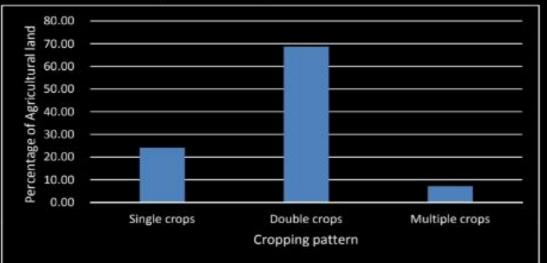
#### **CROPPING PATTERN**



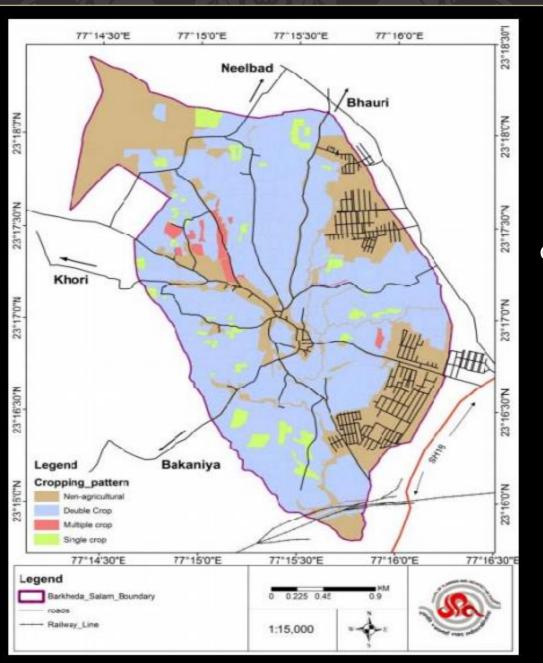
Kharif Se	eason	Rabbi Season		
Crop	Area	Crop	Area	
Wheat	4.515	Wheat	290.21	
chana	5.76	Chana	38.08	
Soyabean	279.815	Soyabean	4.29	
vegetables	33.76	vegetables	11.14	
Total	323.85	Total	343.72	

## **CROPPING PATTERN (Primary survey)**

Cropping pattern	% of HH	Non Agricultural
Single crops	24.09	Double Crop
Double crops	68.67	Multiple Crop
Multiple crops	7.23	Single Crop



## **LAYER 5: AGRICULTURE**



## • Map cropping intensity

#### Cropping Pattern



Non Agricultural

Cropping pattern	Percentage of Agricultural land
Single crops	24.09
Double crops	68.67
Multiple crops	7.23

Crop	Area	
	Area cultivated in Kharif Season (Ha)	Area cultivated in Rabi Season (Ha)
Wheat	4.515	290.21
Chana	5.76	38.08
Soyabean	279.815	4.29
Vegetables	33.76	11.14
Total	323.85	343.72

# • Cropping pattern

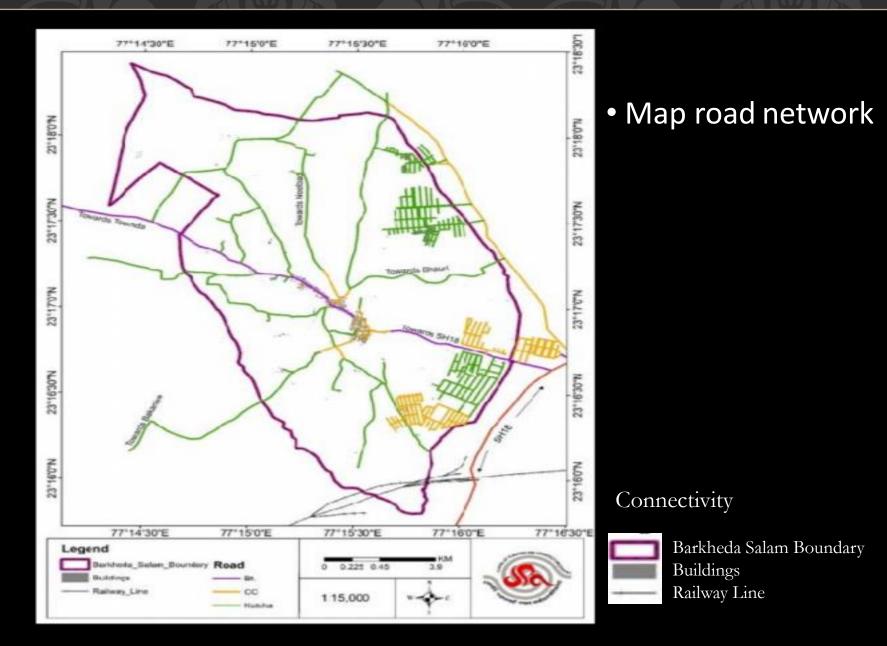
	Dependency of agricultural land
Source of irrigation	in percentage
Tube well	65.50
Well	18.13
Rainwater	6.43
Others(Rent)	9.94

# • Irrigation sources

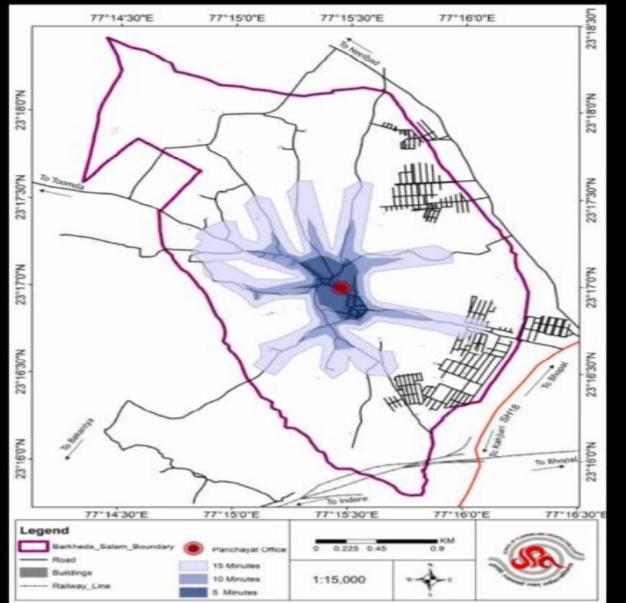
Livestock	Number
Cow	249
Buffalo	184
Chicken	2
Goat	39
Ox	4
Total	478

• Livestock

# LAYER 6:PHYSICAL INFRASTRUCTURE



#### **PED SHED ANALYSIS**

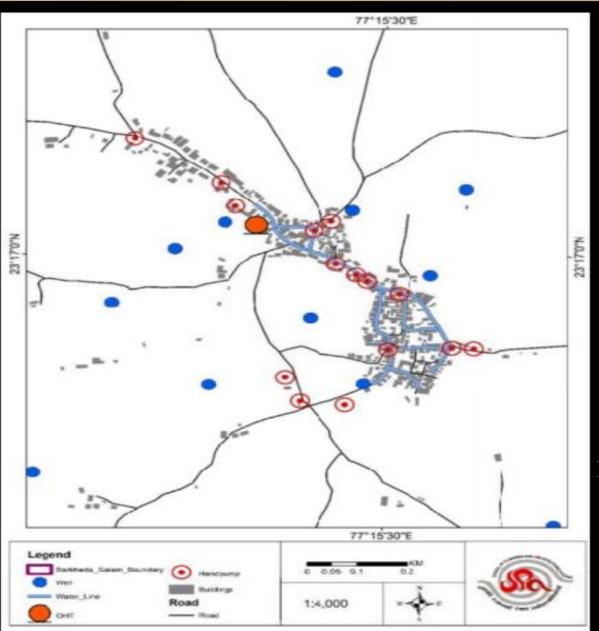


#### Infrastructure



Barkheda Salam Boundary Roads Buildings Railway Line

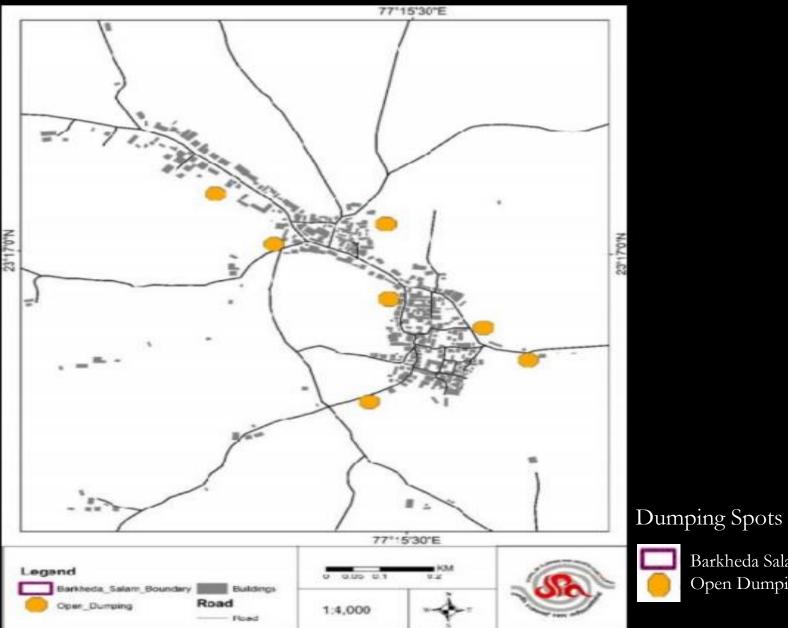




#### Infrastructure -water

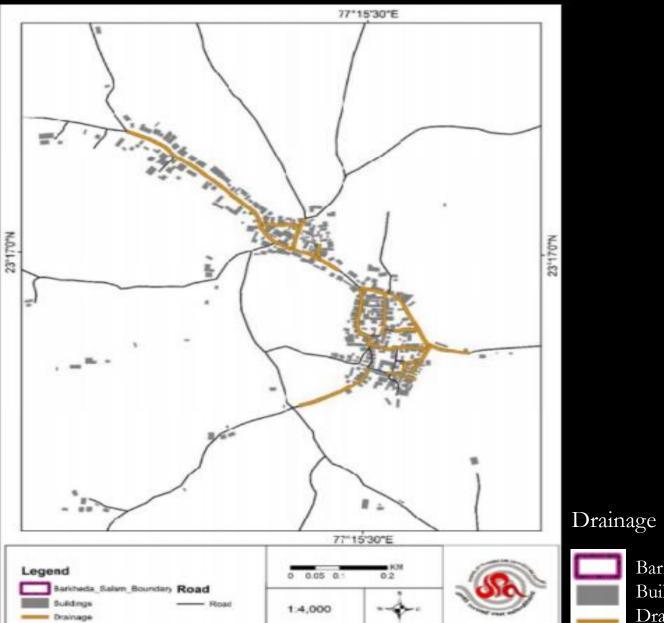
Barkheda Salam Boundary Well Water Line OHT Hand Pump Buidings

#### **MAP OPEN DUMPING SPOTS**



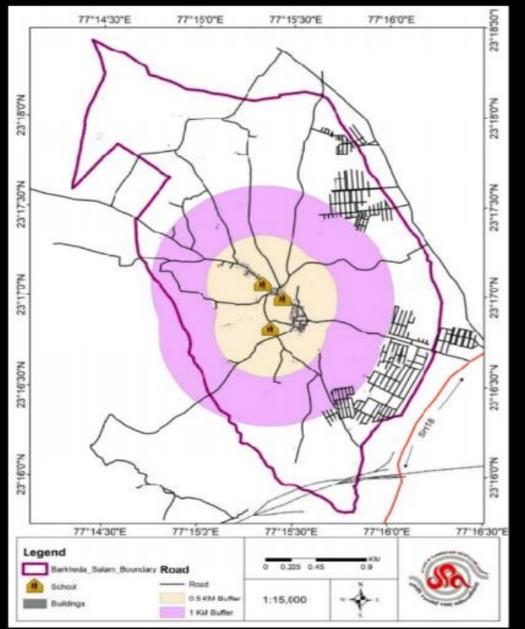
Barkheda Salam Boundary Open Dumping

#### **MAP DRAINAGE PATTERN**



Barkheda Salam Boundary Buildings Drainage

## LAYER 7: SOCIAL INFRASTRUCTURE



## Location and accessibility of educational facilities

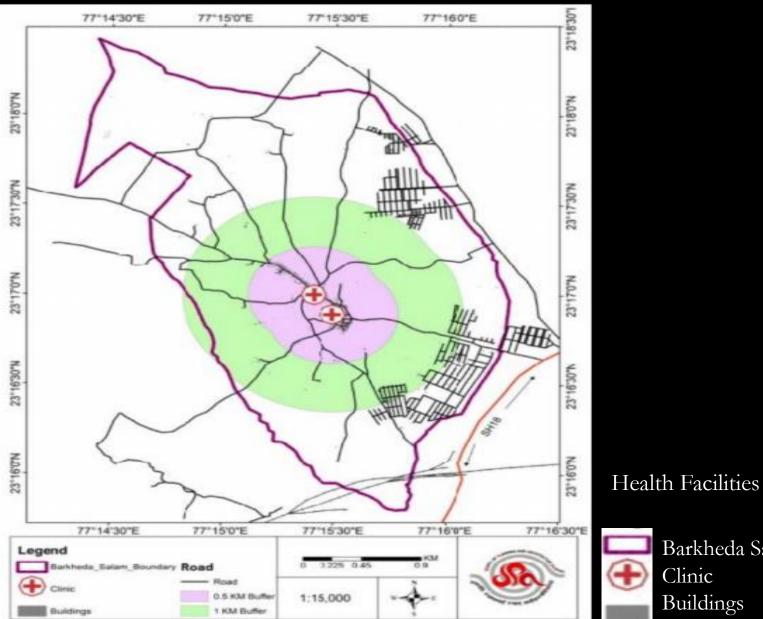
Educational institutions	No.
Primary Govt. (till 5 <sup>th</sup> )	1
Till Middle Private(1-8)	1
Middle Govt. (6,7,8)	1
Secondary Govt. (9, 10)	1
Higher Secondary	0
Anganwadi	2

#### Infrastructure



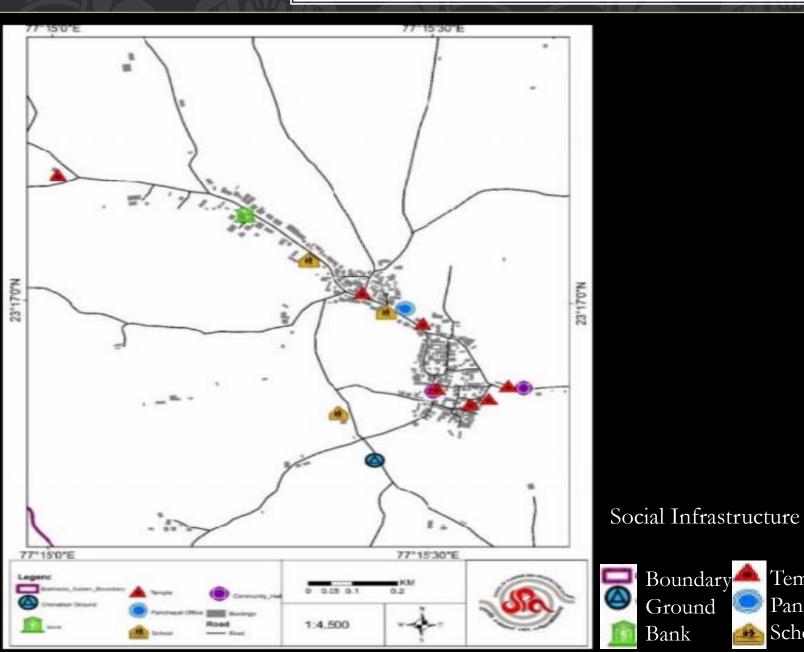
Barkheda Salam Boundary School Buildings Road 0.5Km 1 Km

### LOCATION AND ACCESSIBILITY OF HEALTH FACILITIES



Barkheda Salam Boundary Clinic Buildings Road 0.5Km 1 Km

### LOCATION AND ACCESSIBILITY OF OTHER SOCIAL INFRASTRUCTURE



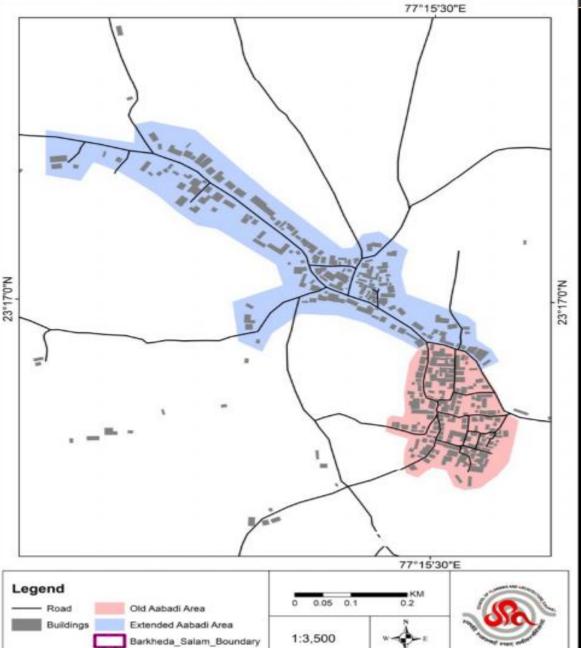
Temple
 PanchayatOffice
 School

Community Hall Buildings

### TABLE 4-1: POPULATION PROJECTION

S.No	Population in year							
		Census		Existing	Proj	ected		
Year	1991	2001	2011	2017	2021	2023		
Population	1208	1533	2043	2349	2521	3400		

#### LAND ALLOTMENT



These are government lands which are illegally encroached and villagers have les or no knowledge about the ownership of land. Most of the villages are grown out of the land allotted for Abadi area.

Allotment



Old Abadi Area Extended Aabadi Area Barkheda Salam Boundary

#### LAND USE

- Construction on these land parcels put to residential purpose should be done within one year of conversion or else automatically that land will be registered under agriculture and agriculture activity shall be resumed.
- Land banks should be created to be given to landless labourers on lease for cultivation.
- Abadi area has been extended on major roads.
- Road network should be improved as per proposed plan to reduce the spread of Abadi area.
- Present density of village abadi area is 143 and for proposed population projection in 2021 will be 164. Abadi area can easily absorb density of 175 pph with the existing transport network, hence no need to expand the abadi area. However the development along the village road contiguous to the original abadi area needs to be regularized as per the provisions of the M. P. Land Revenue Code.



- Colonies/ layouts by SDM as per MP LR code and Madhya Pradesh Gram Panchayat (Registration of Coloniser Terms and Conditions) Rules 1999.
- Individual plots by Gram Panchayat as per MP Panchayat Raj Avam Gram Swaraj Adhiniyam 1993

Table 4, 21 inking CBDB to Spatial Blan												
Table 4- 2Linking GPDP to Spatial Plan           Number Number Network         Phase 1 (2018-19)         Phase2(2019-20)         Phase 3 (20-21)         Phase 4 (21-22)         Phase 5 (22-23)												
		Y		· · · · · · · · · · · · · · · · · · ·	•	/	Phase 4 (2		Phase 5 (			
Phase	Location	Funding	Locatio	Funding	Location	Funding	Location	Funding	Location	Funding		
Sector		Source	n	Source		Source		Source		Source		
Desilting	From	Sarpanch	Sham-	Sarpanch	Sham-A-	Sarpanch	Lower	Sarpanch	water	Sarpanch		
of water	large	Nidhi/	A- khal	Nidhi/	khal to	Nidhi/	Drain	Nidhi/	body	Nidhi/		
channels	water	MNREG	to Land	MNREGS	Land of	MNREGS	Towards	MNREGS		MNREGS		
	body to	S	of Mr.		Mr Kisan		Railway					
	Railway		Jagann		Rathore		line (1km)					
	line (2km)		ath (1		(1/2 km)		(D)					
	(A)		km)		(C)							
			(B)									
Street	On all	Sarpanch	Internal	Sarpanch								
lights	roads in	/	lanes in	/ Nidhi								
	village	Nidhi,	old									
	(3km	CSR	gaothan									
	length)	from	area									
		Reliance										
		company										
		on village										
		land										
Drainage	From house	Panch	Sham-		Cremation							
	of Mr.	Parmesh	A- khal		Ground							
	Narayan to	war	to		to DP							
	Cremation Ground	Scheme	Cricket									
	Ground		Ground									

Phase	Phase 1 (	(2018-19)	Phase 2 (2	019-20)	Phase 3		Phase 4		Phase 5	
	Location	Funding	Location	Funding	Location	Funding	Location	Funding	Location	Funding
Sector	9.	Source		Source		Source		Source		Source
Waste	Placing of	Performan	Placing	Performan	Placing of	Performance	Placing of	5. 	Placing of	
	0									
Disposal	dustbins on	ce Grant-	of	ce Grant-	dustbins	Grant-	dustbins		dustbins	
	five major	Janpad	dustbins	Janpad	locality	Janpad	locality wise		locality	
	road	Level	locality	Level	wise on	Level	on internal		wise on	
	junctions		wise on		internal		roads		internal	
			internal		roads				roads	
	3	8	roads					8		(- a);
PVC pipe	Maintenanc	Performan	From	Self help	From each	Performance	From each	Performan		Performan
drainage	e of Cricket	ce Grant-	each		residence	Grant- Zilla	residence to	ce Grant-		ce Grant-
system for	Ground	Zilla Level	residence		to	Level	stabilisation	Zilla Level		Zilla Level
household			to	5	stabilisatio		pond			
			stabilisati		n pond					
			on pond							



## Source: Based on discussion with panchayat

Phase	Phase 1 (2	Phase 1 (2018-19) Phase 2 (2019-20) P		Phase 3	-	Phase 4	Phase 4		Phase 5	
Sector	Location	Funding	Location	Funding	Location	Funding	Location	Funding	Location	Funding
		Source		Source		Source		Source		Source
Desilting of	From large	Sarpanch	Sham-A-	Sarpanch	Sham-A-	Sarpanch	Lower Drain	Sarpanch	water body	Sarpanch
water	water body to	Nidhi/	khal to	Nidhi/	khal to Land	Nidhi/	Towards	Nidhi/		Nidhi/
hannels	Railway line	MNREGS	Land of	MNREGS	of Mr Kisan	MNREGS	Railway line	MNREGS		MNREGS
	(2km)		Mr.		Rathore (1/2		(1km)			
	(A)		Jagannath		km)		(D)			
			(1 km)		(C)					
			(B)							

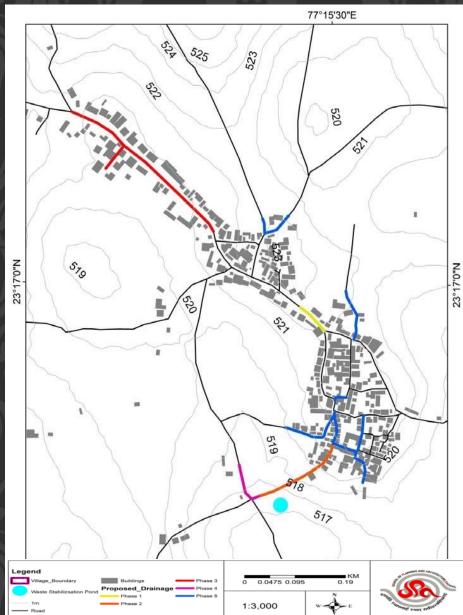
Phase wise marking of proposed drainage network plan supported by funding mechanism and converging financial resources through schemes projects and funds

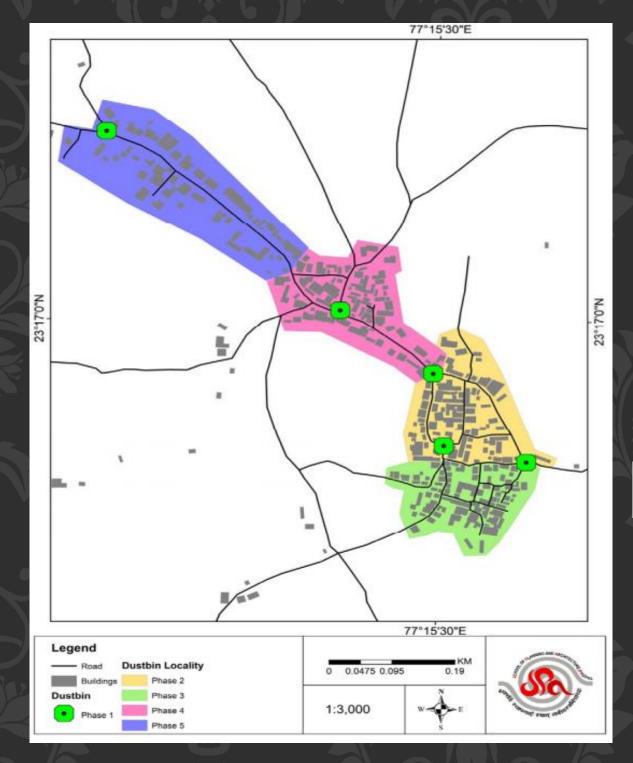


Village Boundary Waste Stabilization Pond 1 m Roads

#### **Proposed Drainage**

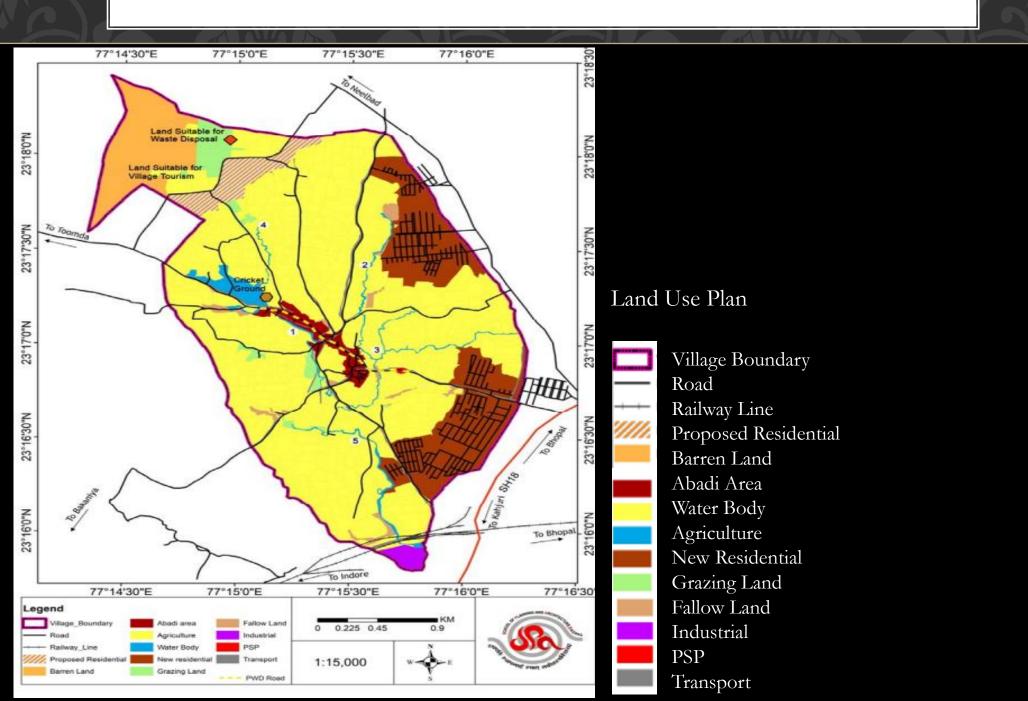
Phase 1 Phase 2 Phase 3 Phase 4 Phase 5







A FINAL PROPOSED LAND USE PLAN COMPILING ALL PROPOSALS IS A MUST TO EVALUATE THE DISTRIBUTION OF FUNDS AND CUMULATIVE SPATIAL IMPLICATIONS.



### INFORMATION REQUIRED BY PLANNER BEFORE PREPARATION OF GPSDP

- Land ownership
- Cropping pattern
- •Khasra boundaries
- Village boundary map
- Abadi area boundary
- Public infrastructure
- •Land rates
- •Flagship rural development programmes of Gol PMAY-G, SBM-G, NRLM, NRHM, SSA,
- •Ownership of road network
- Land conversion policies
- Funding mechanisms available

Planning process followed for preparation of this model Gram Panchayat Spatial Development Plan can be followed across the country. The agro climatic variations across the country demands preparation of model plans in each agro climatic zone.









# THANK YOU...