

#### Commons 101

- Natural resources used and managed directly by communities.
- 15-25% of the geographical area of India is constituted by community forests, pastures, water bodies, etc.
- 35 crore rural poor in India directly depend on these resources.
- Contribution of 20-40% of rural household's annual income in arid, semi-arid and sub-humid regions.
- Support climate change mitigation and adaptation, regulating temperature, maintaining water & nutrient flows.



Common lands are dwindling at an alarming rate through land use changes, putting livelihoods, socio-cultural fabrics, and biodiversity at risk.

#### (Some) reasons:

- (Major) data and knowledge gaps: Last assessment by NSSO in 1998!
- In most cases, they are still regarded as "wastelands" and are left out of major land-related policies.



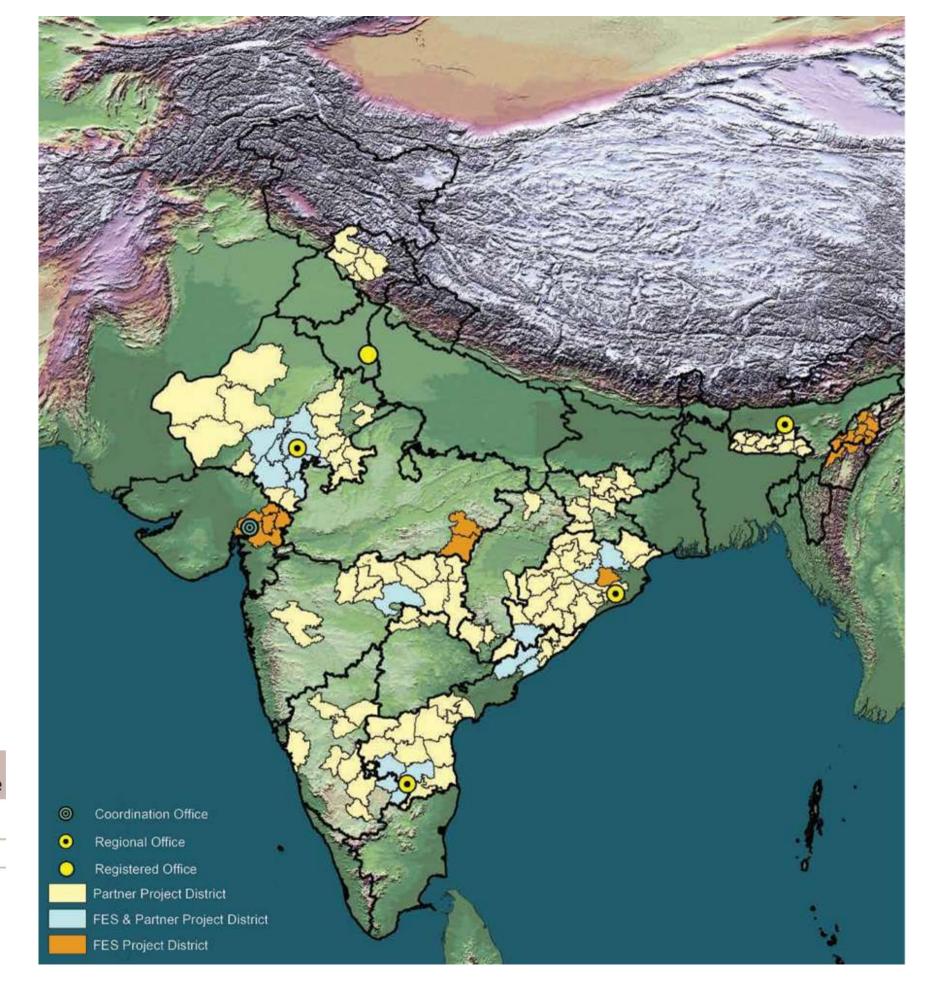




#### FOUNDATION FOR ECOLOGICAL SECURITY

- Established in 2001
- Currently working in ten eco-regions
- 119 districts of 14 states
- 8,309 villages through direct interventions, and 33,571 villages through partnerships with 92 NGOs and state government departments

Through	Village Institutions Strengthened	Million People Impacted	Million Acres of Commons under Community Governance
FES Teams	8,309	5.38	2.33
Government and NGO Partners	33,571	19.42	10.19
Total	41,880	24.80	12.52

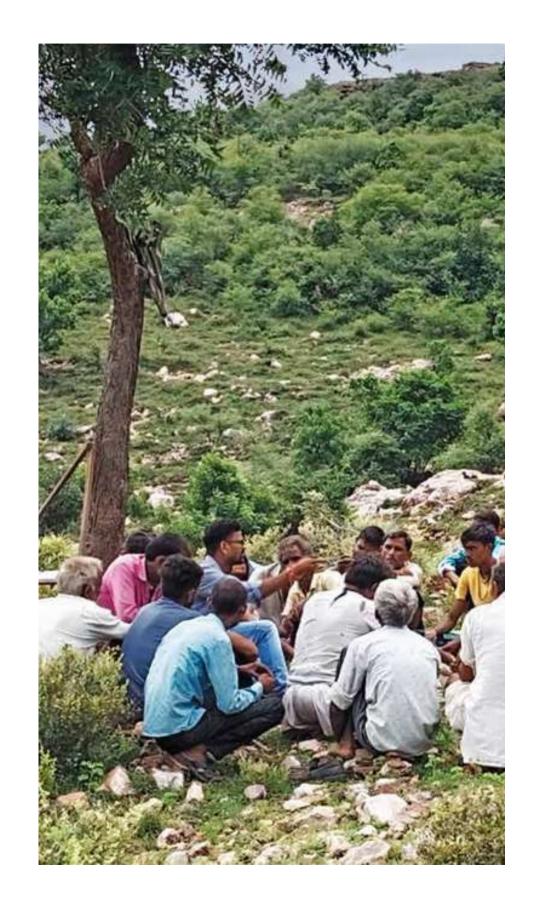




The Core Model

# Panchayats as the Custodians

- 11th Schedule of the Constitution devolves 29 subjects to the Panchayats. This includes soil conservation, water management, fisheries, fuel and fodder, maintenance of community assets, etc.
- Respective panchayati raj legislations regard panchayat as the custodians of the common resources under their jurisdiction, responsible for their management.
- Empowered to form **sub-committees** to protect natural resources.



# Panchayats as the Custodians

- Panchayat asset registers to engage and empower communities by enhancing understanding, facilitating dialogue, supporting resource allocation and planning.
- Others: People's biodiversity registers
- Other tiers, such as **taluk panchayats**, also have support the panchayats such as by consolidating, maintaining, and updating a database.



# **Governing Commons**

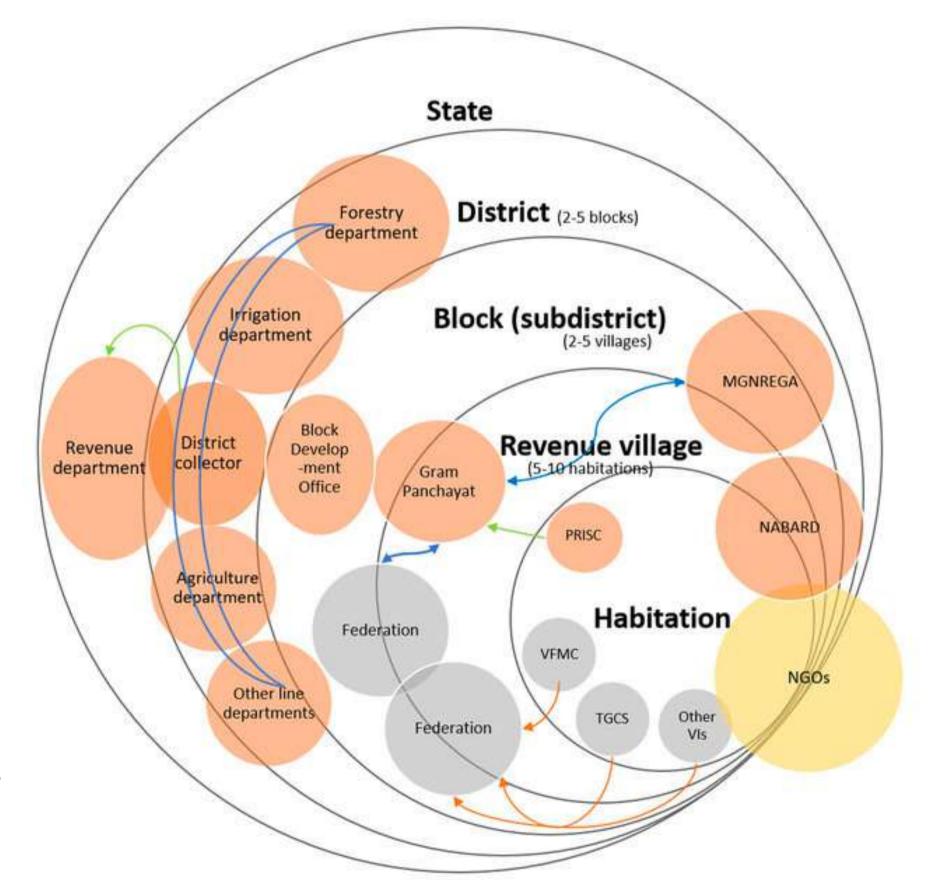
TYPE OF COMMONS	STATE	DISTRICT/ MUNICIPALITY	BLOCK/ VILLAGE
Revenue Common Lands (Grazing lands, Khalihans, Burial grounds, Skinning grounds, Cattle pounds, Threshing grounds)	Revenue Department	District Collector	Tahasildar Block Panchayat Village Panchayat
Water Commons (Ponds, Lakes, Wetlands)	Revenue or Forest Department	Municipalities (Urban areas)	Gram Panchayat (Pani Panchayats, Sinchai Samitis etc.)
Forest Commons (Panchayat Forests, Village Forests)	Principal Chief Conservator of Forests	Chief Conservator of Forests (CCF)	Divisional Forest Officer (DFO) Gram Sabha

Source: CPR-Namati (2018); NSSO (2019)

# Polycentric Governance in India

Multiple centers of decision-making with multiple kinds of datasets.

How can Panchayats, the custodians, effectively navigate this?



Government organized

Locally

Coordination

NABARD: National Bank for

MGNREGA: Mahatma Gandhi

VFMC: Village Forest Protection Management Committees

National Rural Employment

Agriculture and Rural

Development

Guarantee Act

TGCS: Tree Growers

Institutions

Cooperative Societies

Other Vis: Other Village

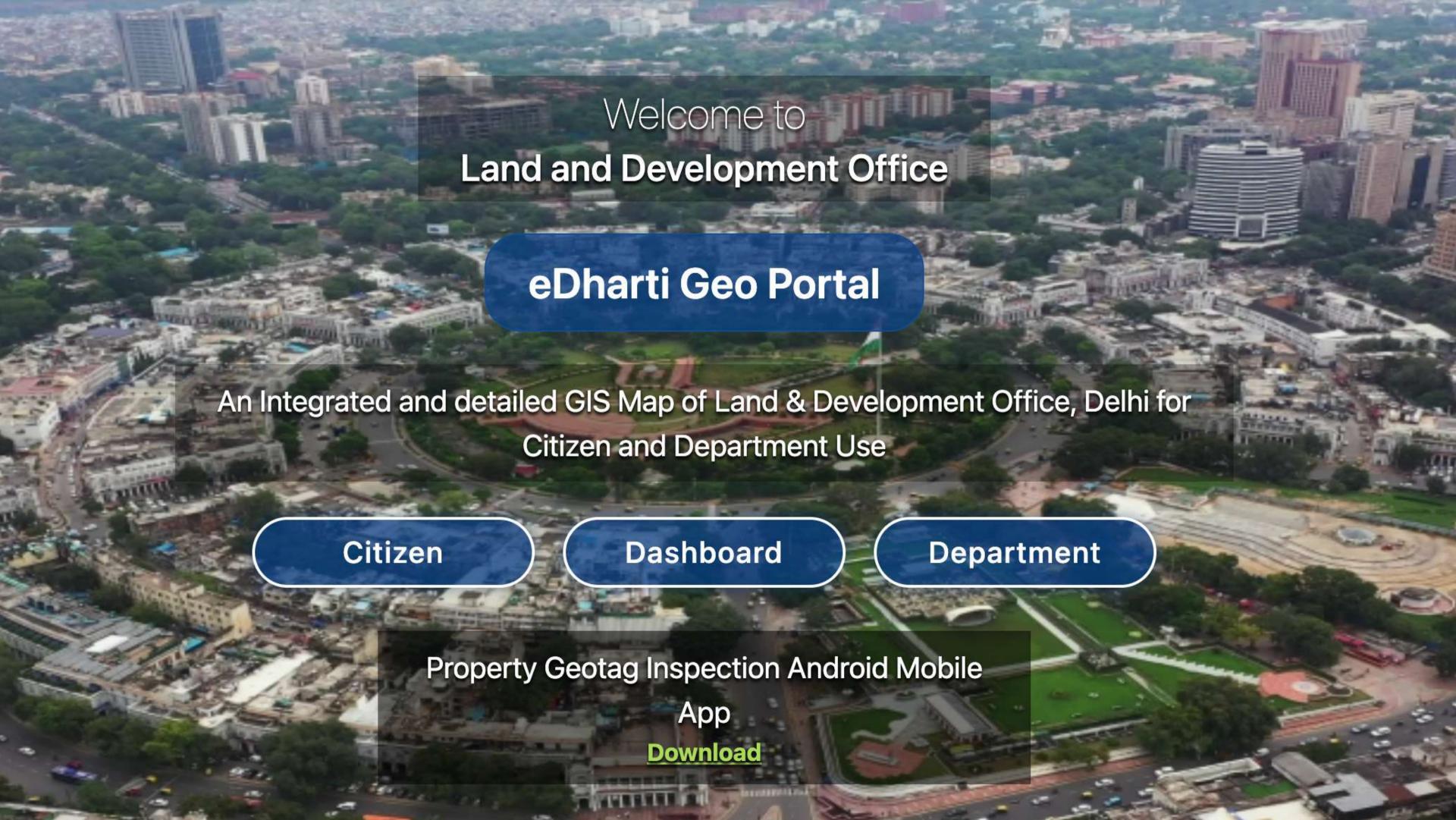
organized

Hierarchical



#### An Established Concept

- **Draft National Land Reforms Policy of 2013** recommended a national portal with a web GIS where each State, District, Block and Village has their own respective portal for storage of land records data.
- MC Mehta vs Union of India (SC, 2022) recognised the importance of satellite land mapping, digitization of cadastral maps, and geo-referencing, particularly for water bodies, forests, mining areas etc. that require regular monitoring.
- Iyarkai Valam Matrum Perumpalla vs Secretary (Madras HC, 2021) directed that a repository on water bodies in Tamil Nadu be created and geo-referenced.



#### A Collective Effort

to coordinate knowledge, resources, and determination, to unlock the potential for equitable, transparent, and sustainable land management.

Eg. CPCB inventoried of water bodies after NGT directions in *Lt. Col.*Sarvadaman Singh Oberoi vs Union of India (2019) and identified 413,911 water bodies across India for restoration.

S. No.	Activity proposed	Organization Responsible
1	Identification and Geo-	NRSA, State Space Application
	Tagging of Ponds or Lakes in	Centre and Concerned State
	the Country	Departments
2	Assessment of Water Quality	Through Laboratories
	of Ponds or lakes.	approved under E(P) Act, 1986
		by the Concerned State
		Department /ULBs/State
		Environment
		Dept./SPCB/PCC.
3	Prioritization of Ponds or	_
	Lakes for restoration in	/PCC.
	consultation with the	
	respective SPCB.	
4	Preparation and submission	
	of action plans for restoration	/PCC.
	of prioritized Ponds or Lakes	
	to CPCB for random scrutiny	
	of proposed action plans.	
5	Execution of approved action	State Environment Dept./SPCB
	plans.	/PCC under the overall
		supervision of Principal
		Secretary, Environment
		Department.

### Building a single source of truth

Define the legal authority and **governance structure** for the registry

Develop **standardized formats** and procedures for recording land data.

Transition from paper to **digital records**.

Implement data verification and validation processes.

Create a user-friendly web portal for access and updates.

Utilize **GIS technology** for accurate boundary representation.

**Link** the registry with relevant government databases

Regularly update and maintain the registry.

