

DIP for Pradhan Mantri Krishi Sinchayee Yojana

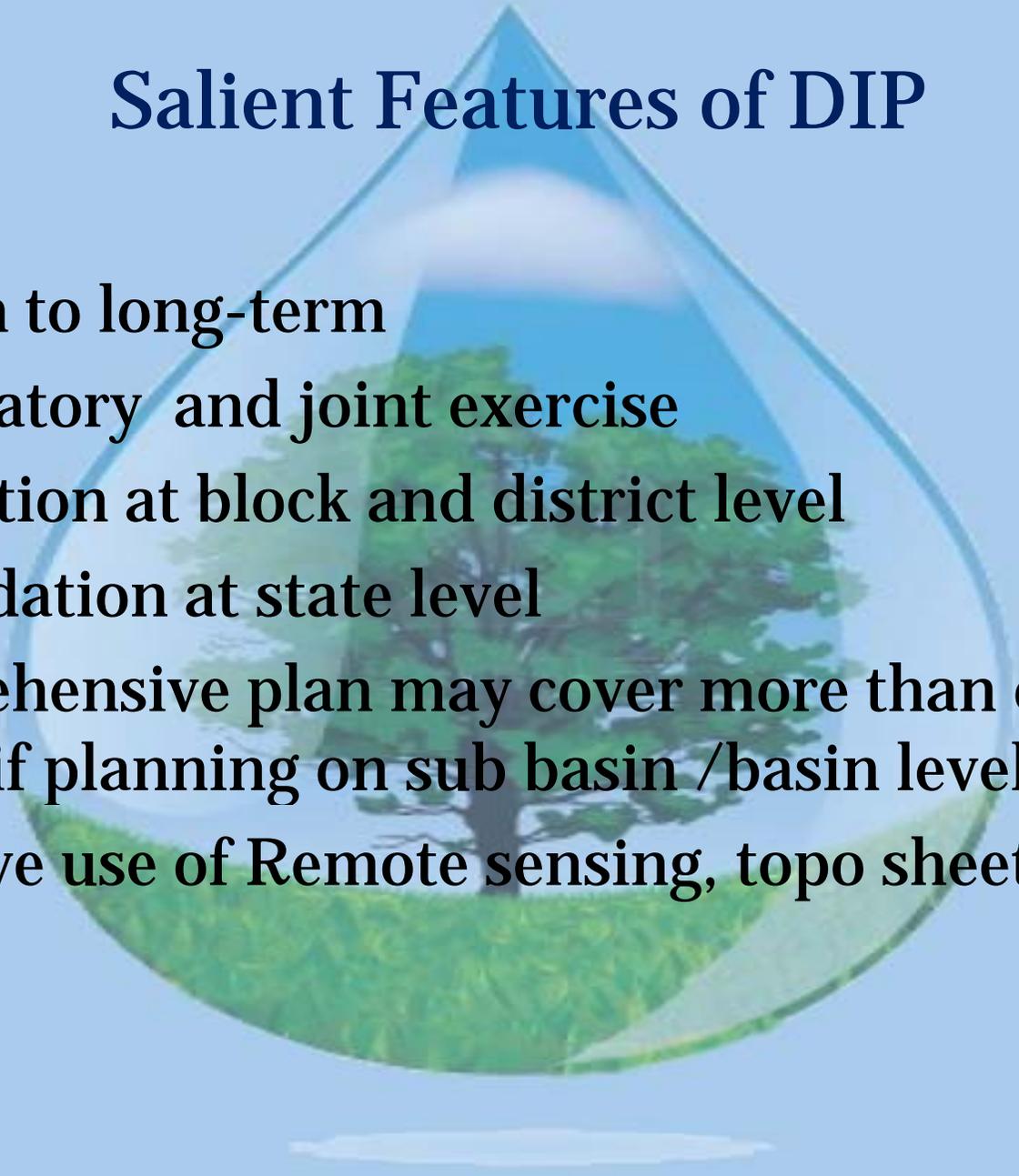


District Irrigation Plan

Corner stone for planning and implementation

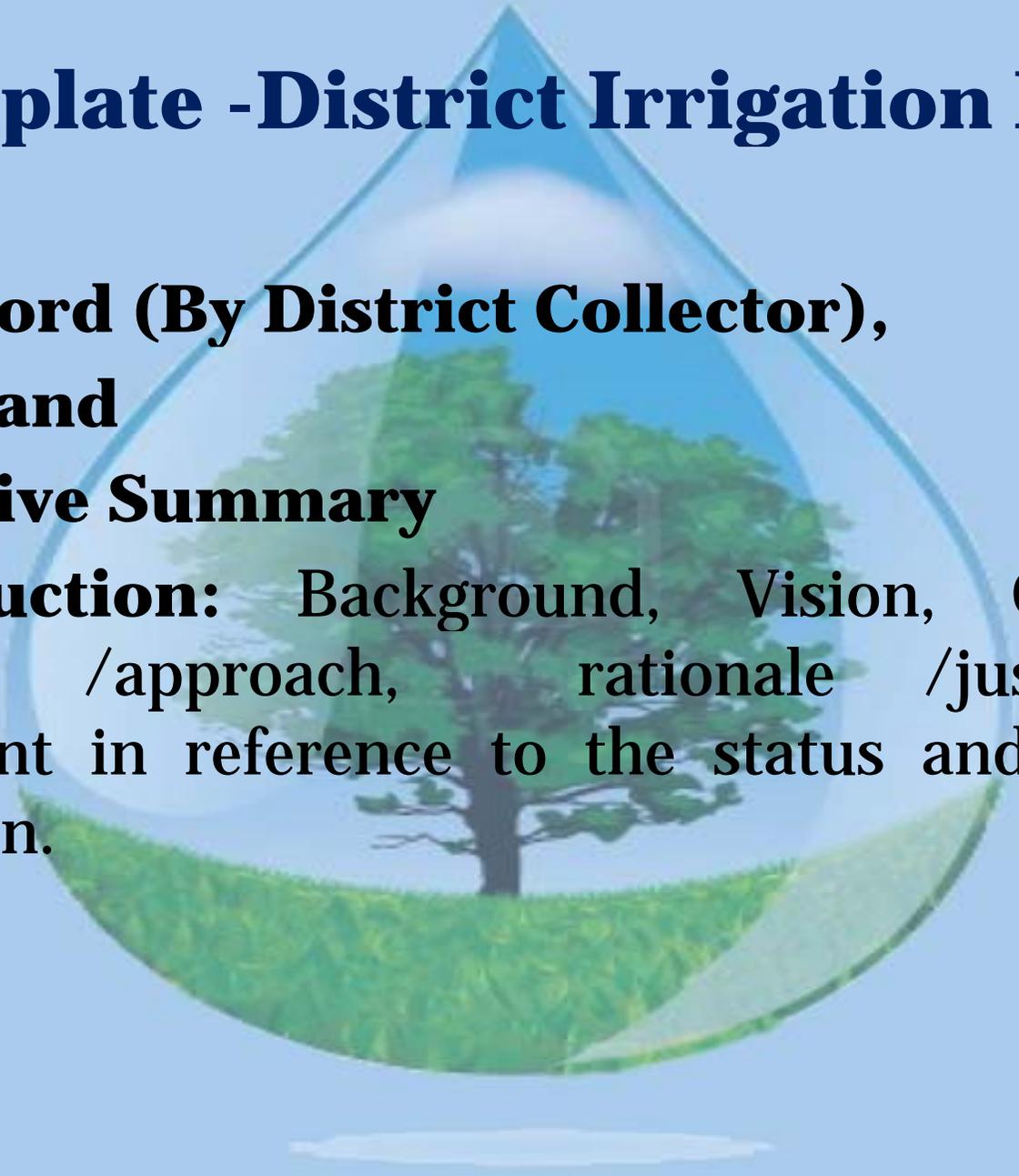
- Holistic irrigation development (existing and proposed water resource network system)
- Available , potential water resources and water requirement for agriculture sector
- Water sources, distribution network and water use application(drinking, domestic, irrigation and industrial)
- Identifying gaps in irrigation infrastructure
- Integration of DAP, irrigation infrastructure plan for XIIth plan, MGNREGA, RIDF, MPLAD and MLALAD, SREGP

Salient Features of DIP



- Medium to long-term
- Participatory and joint exercise
- Preparation at block and district level
- Consolidation at state level
- Comprehensive plan may cover more than one district if planning on sub basin /basin level
- Extensive use of Remote sensing, topo sheets, GPS

Template -District Irrigation Plan



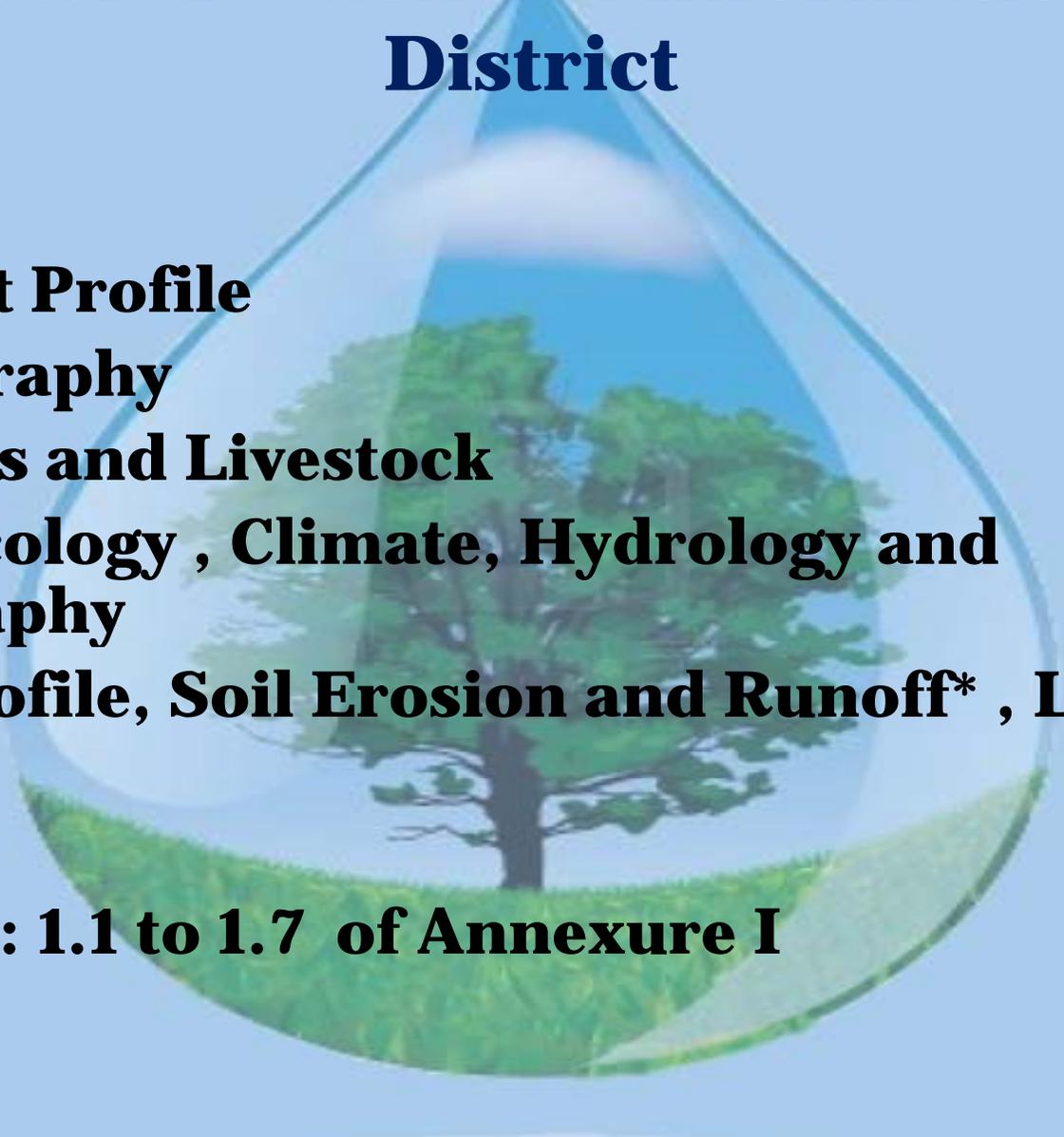
- **Foreword (By District Collector),**
- **Index and**
- **Executive Summary**
- **Introduction:** Background, Vision, Objective, strategy /approach, rationale /justification statement in reference to the status and need of irrigation.

Chapter- I – General Information on District

- **District Profile**
- **Demography**
- **Biomass and Livestock**
- **Agro-ecology , Climate, Hydrology and topography**
- **Soil Profile, Soil Erosion and Runoff* , Land Use Pattern**

Table(s): 1.1 to 1.7 of Annexure I

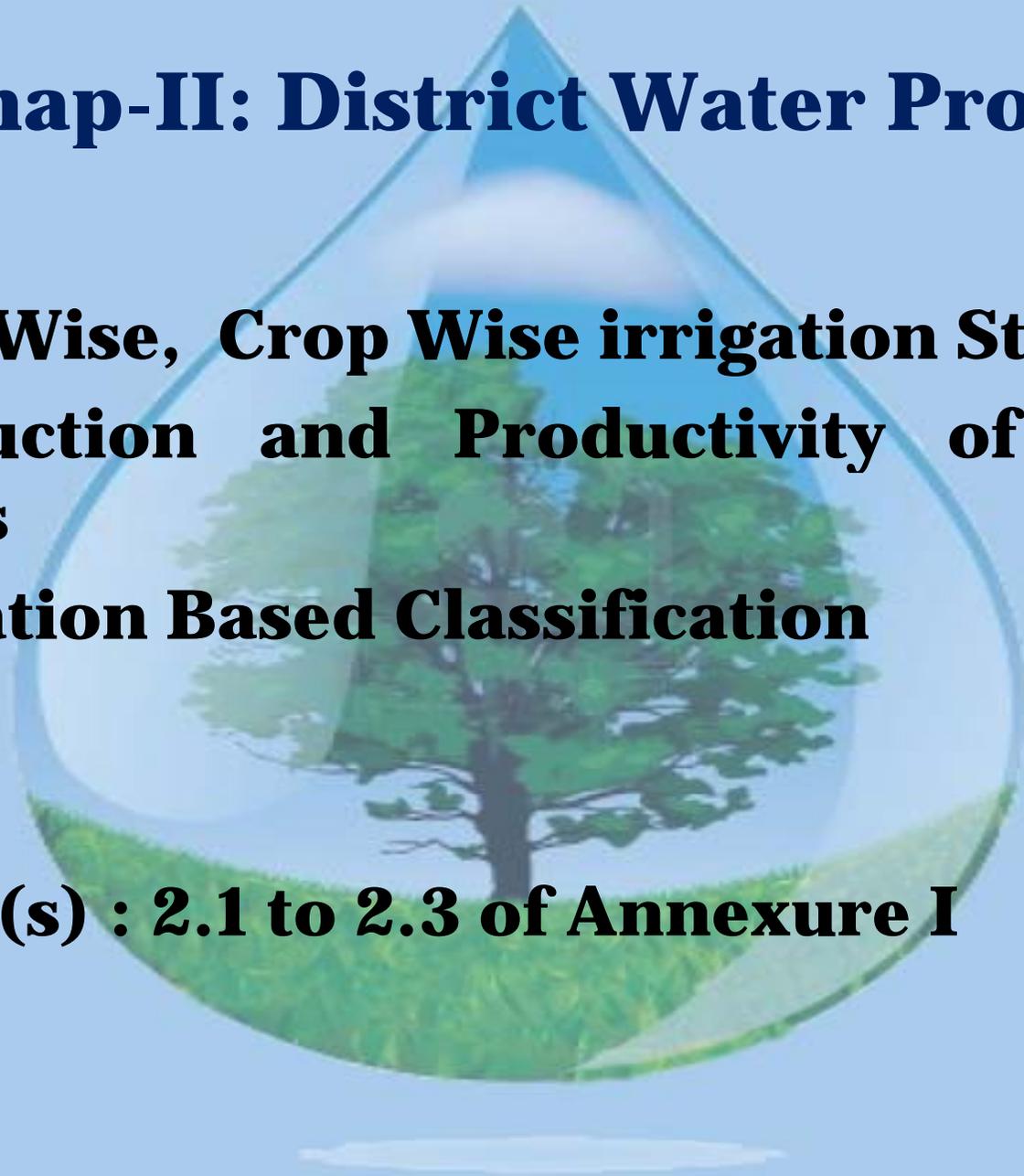
***optional**



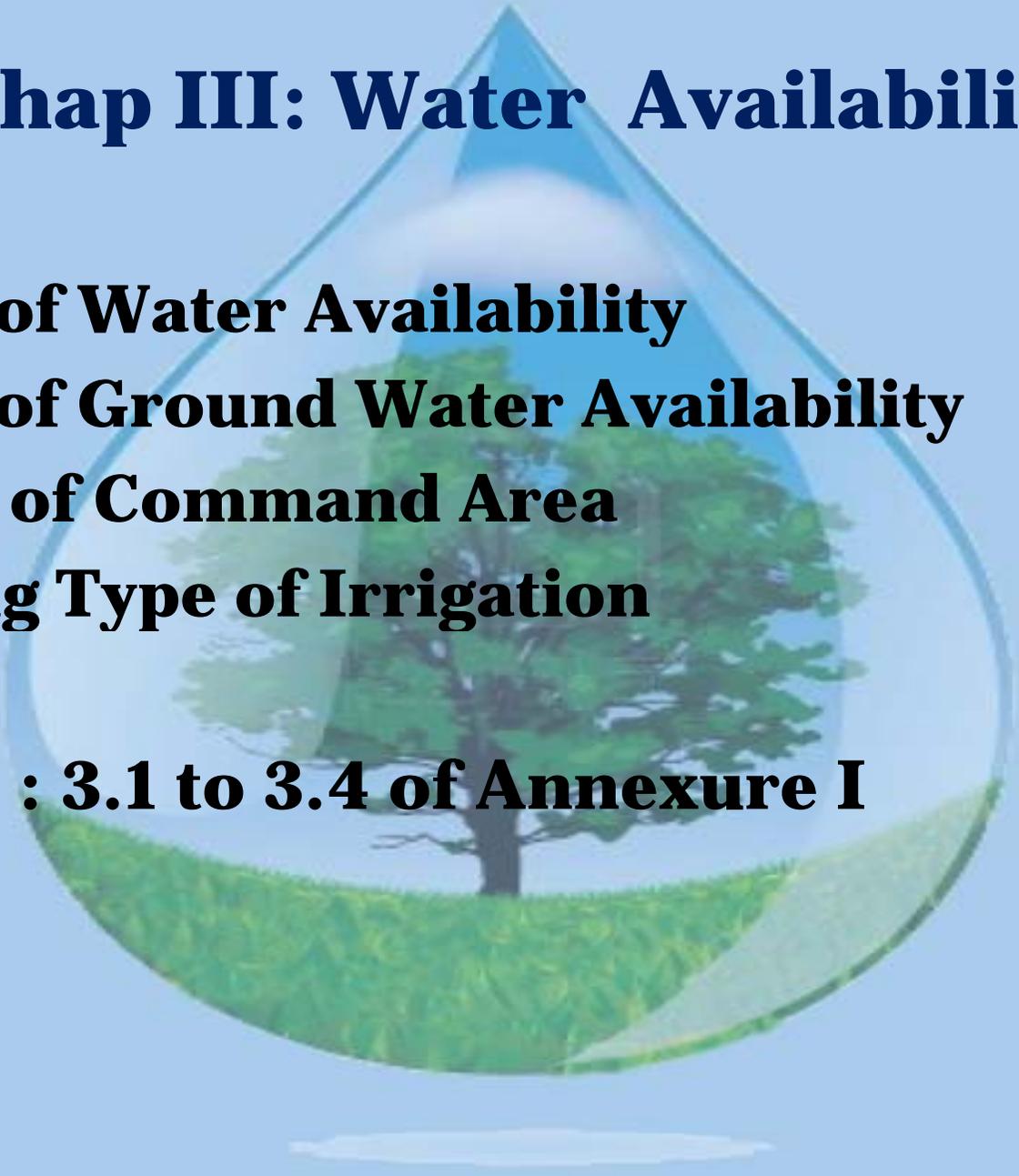
Chap-II: District Water Profile

- **Area Wise, Crop Wise irrigation Status**
- **Production and Productivity of Major Crops**
- **Irrigation Based Classification**

Table(s) : 2.1 to 2.3 of Annexure I



Chap III: Water Availability



- **Status of Water Availability**
- **Status of Ground Water Availability**
- **Status of Command Area**
- **Existing Type of Irrigation**

Table(s) : 3.1 to 3.4 of Annexure I

Chapter IV: Water Requirement/ Demand

- **Domestic Water Demand**
- **Crop Water Demand**
- **Livestock Water Demand**
- **Industrial Water Demand**
- **Water Demand for Power generation**
- **Total Water Demand of the District for Various Sector**
- **Water Budget**
- **Any other**

Table(s) : 4.1 to 4.7 of Annexure I

Chapter V: Strategic Action Plan for irrigation in District under PMKSY

Chapter V: Strategic Action Plan for Irrigation in District under PMKSY:

5 Strategic Action plan for Irrigation in District under PMKSY								
S.No	Name of the Blocks/Sub Districts	Concerned Ministry/ Department	Component	Activity	Total Number/Capacity(cum)	Command Area/Irrigation Potential(Ha)	Period of Implementation(5/7 yrs)	Estimated cost(in Rs.)
1		MoWR	AIBP	Major Irrigation				
2		MoWR		Medium Irrigation				

Table(s) : V of Annexure I

Appendix A: District Maps

With *available layers of attributes

- Land Use of the District
- Soil Type of the District
- Cultivable Command Area (Kharif, Rabi, Zayad)
- Cropping Pattern ((Kharif, Rabi, Zayad)
- Surface and Subsurface Water
- Sub Basin & Watershed
- Irrigation canals and other sources, irrigated area
- Industries & sewage treatment plant
- Urban and Peri urban agriculture Zone

Source: NRSA, SRSA, WRIS, Bhuvan application of ISRO

Village Wise Intervention

Annexure II:

Statement for Comprehensive Plan as per DIP

<u>S.No</u>	Name of the village	Type of activity	GPS location	Nos.	Irrigation potential/CA (ha)	Capacity(cum)	Estimated cost
-------------	---------------------	------------------	--------------	------	------------------------------	---------------	----------------