

Introduction To The Spate Irrigation of the Union of Myanmar

Ministry of Agriculture and Irrigation



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ZONES



Legend
STATE/DIVISION

	Kachin
	Kayah
	Kayin
	Chin
	Sagayig
	Tanintharyi
	Bago (East)
	Bago (West)
	Magway
	Mandalay
	Mori
	Rakhine
	Yangon
	Shan (South)
	Shan (North)
	Shan (East)
	Ayeyarwady

3 – Zones of Myanmar

- Upper Area - Mountain
- Middle Area - Dry zone
- Lower Area - Delta



The Project Location of FLOOD-BASED FARMING SYSTEM



Mandalay Region



Myin Gyan
District

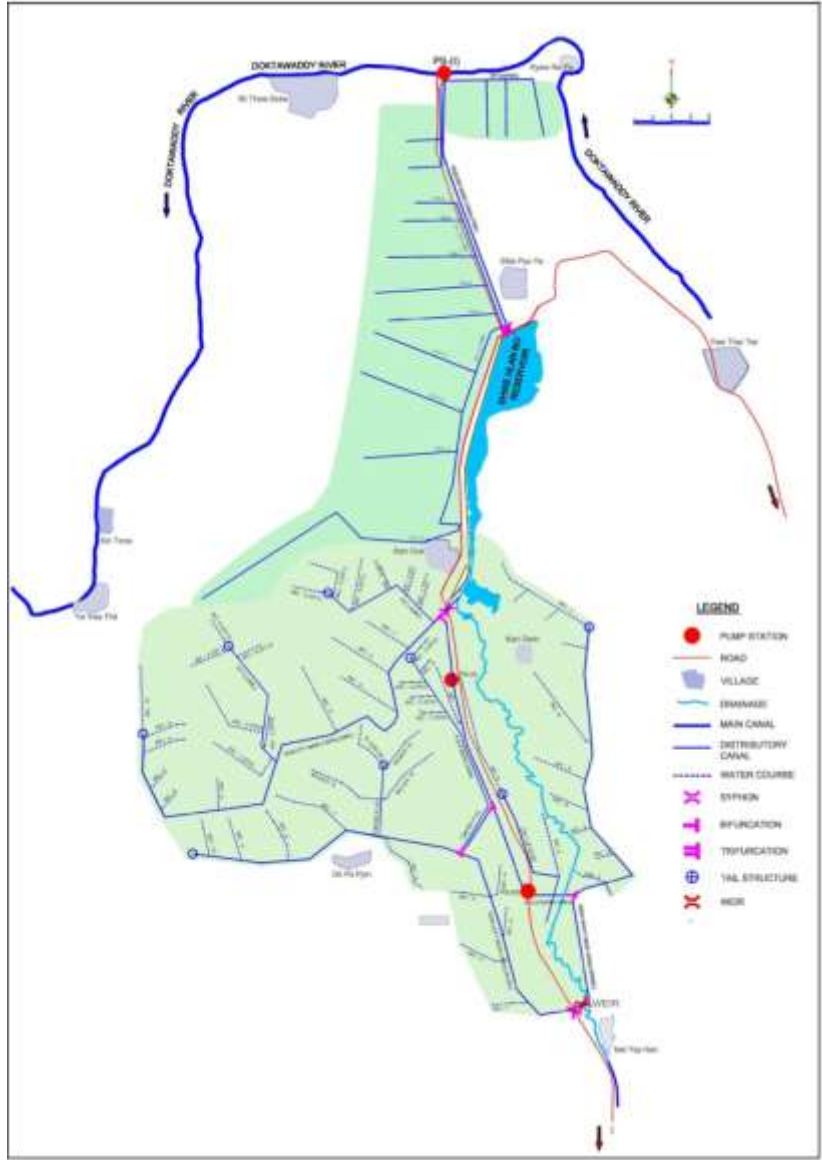


Sindewa
Creek



The Project Location of SPATE IRRIGATION SYSTEM

Shwe Hlan Bo Pump Irrigation Project Mandalay Region



IWRM Project



Gravity flow Irrigation



Spate Irrigation

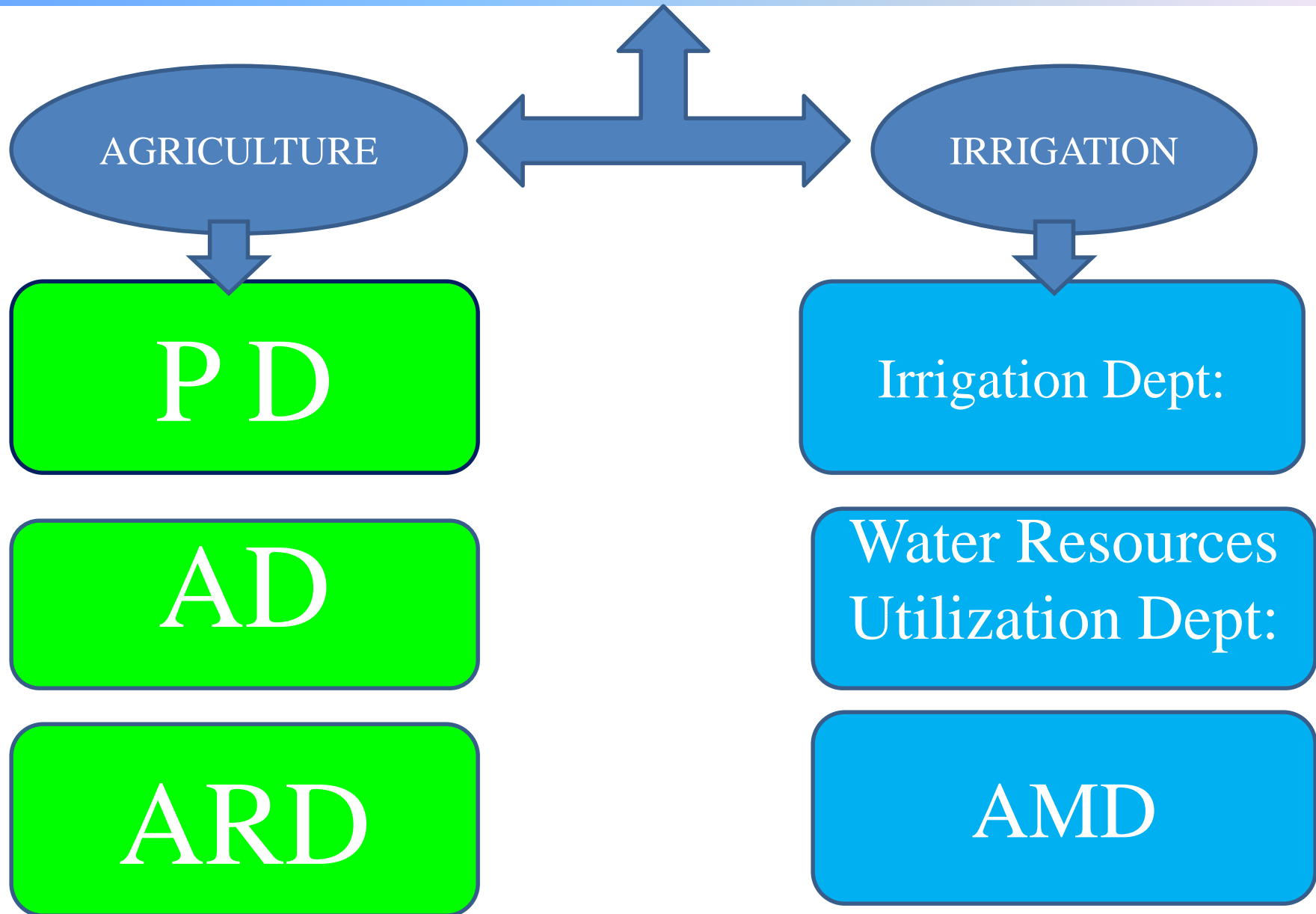


Pump Irrigation



GW Tube well Irrigation

Ministry of Agriculture and Irrigation



Cooperation for the Spate Irrigation Work



- ❖ Authorized department for irrigation
- ❖ Country – wide department (from township level to union level offices)
- ❖ Largest resources persons institute for irrigation
- ❖ Most experience in irrigation Design
- ❖ Professional Irrigation Engineering Co;

What are the expected outcomes

Africa to Asia: Testing adaptation of flood based farming system (FBFS) in Myanmar

- Country-wide map showing the current and promising FBFS sites and their area coverage.
- Databases of farmers ,farmer organizations ,practitioners and professionals in FBFS.
- Effective communication mechanisms tailored-made for farmers, practitioners and professionals ready
- At least one practical note on a cross-country theme (in English and local language) published and disseminated
- One preliminary investment proposal developed.

The government of Myanmar

- Myanmar's government is now implementing rural development and poverty alleviation activities. These include provision of loans to farmers, the provision of irrigation, the application of modern agro-technologies: improved seeds, fertilizers and crop protection agents.
- The current utilization of surface water flow is just 5% of available and so further expansion of water resources utilization is very interest able.
- Spate and flood based farming will be vital roll in rural areas development.

Nowadays, many irrigation systems are developing in Myanmar especially in dry zone. But, spate irrigation system is economy compared to the other method of irrigation. There are many potential areas in Myanmar to develop Spate Irrigation System in arid and semi-arid regions. In dry zone areas, possible site should be investigated and feasibility studies should be carried-out.



Thank you for your attention