

# *Australia* – water partners for development

HELPING to MANAGE WATER SCARCITY in the INDO-PACIFIC

**Understanding the water resource base**

**River basin planning & water allocations framework**

**Governance reforms & institutional strengthening**

**Managing demand & improving efficiency**

**THE  
AUSTRALIAN  
WATER  
PARTNERSHIP**

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# Myanmar Team :

## Irrigated Agriculture Inclusive Development Project

### Point 1 : [Environment Preservation ]

*Environment preservation from Barmah Forest*

### Point2 : [Modernization]

*Regulator Automation System from Goulburn Weir*

### Point3: [Systematic Water Supplying]

*Murrumbidgee Valley Water Supply*

# Point 1 : [Environment Preservation ]

~ Environment preservation from Barmah Forest ~

## [Challenges]

Excess deforestation for timbering and destruction of ecosystem

## What would we apply our projects?

- We could preserve abundant forest around existing 235 agricultural dams and 106 weirs.
- We could incorporate future project design and environmental preservation plan in line with the government policy .





# Point2 : [Modernization]

## ~ Regulator Automation System from Goulburn Weir ~

### [Challenges]

Inefficient and ineffective Irrigation water utilization

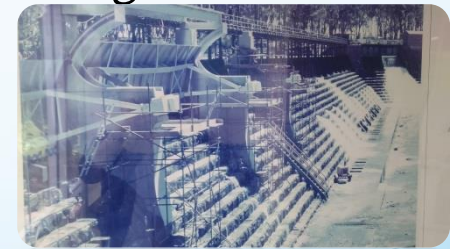


### [Mechanism]

1. Deterioration of irrigation facilities and inefficient irrigation network system
2. Increase of water loss (e.g. leakage, dead outflow)
3. Modernization & Automation of irrigation network system
4. Decrease of water loss by remote & visible holistic water management

### What would we apply our projects?

- We could decrease waste of water, and effectively utilize limited water. Accordingly we could expand irrigated area and realize to produce diverse agricultural products.
- We could incorporate future project design and implementation, accordingly contribute to modernization of whole irrigation networks for realizing effective water management under water scarcity.



# Point3: [Systematic Water Supplying]

## ~ Murrumbidgee Valley Water Supply ~

### [Challenges]

Many uncompleted Canal Systems

### [Mechanism]

1. Preferential investment to Dam constructions  
and budget shortage
2. Appearance of uncompleted Canals and network system
3. Non division of irrigation water
4. Saving budget by applying economical construction methods
5. Expansion of project command area & irrigated farmland

### What would we apply our projects?

- We could make canal system rehabilitation work in Central Dry Zone (CDZ) area.
- We could use irrigation water more effectively.

#### e.g. Plastic Lining Method

##### 1. Excavation



##### 2. Lining



##### 3. Completion



**Thank you very much**

***Myanmar Team***

