

Implementation systems

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Background



- There are lots of textile factories mainly making Myanmar traditional dress Longyi in Wundwin Township. [There is a water pollution problem due to untreated drainage from dyeing factories.](#)
- There are approx. 6,300 textile factories and its 10% have dyeing process.
- [The factories discharge wastewater directly to rivers](#) due to no regulations, effluent standards and penalty.

Project outline

- [Improving water quality of wastewater from dyeing factories by installing wastewater treatment system and water quality monitor and improving O&M skills in order to promote environmental conservation as the Myanmar textile industry is developing.](#)
- F/S research and demonstration plans are following,
 - Researching factories, wastewater and water pollution.
 - Making the specification of demo system by analyzing the dyes and wastewater from a selected factory.
 - Research on the trend of regulation for water pollution conservation.
 - Adjusting the demo system to the wastewater condition.
 - Confirming the effect of the demo system.
 - Training O&M skills of the system.

Location

Wundwin Township, Myanmar

Mandalay

[Wundwin](#)

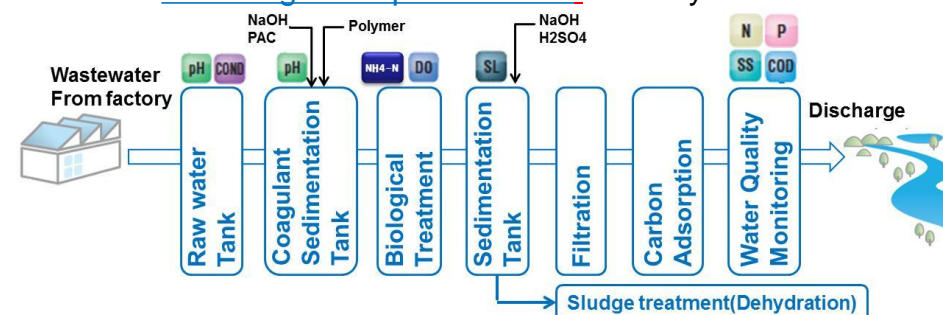
Naypyidaw
(Capital)

Yangon



Outline of technology

- [Wastewater treatment and water quality monitoring combined system](#)
 - [Suitable treatment condition](#) to various dyeing wastewater.
 - [Reducing total operation cost](#) of the system.



Expected results and business prospects

<Expected results>

- Improving water quality from dyeing factory.
- Sustainable water pollution prevention and environmental conservation by installing water treatment system with monitoring and O&M skill improvement.
- Accelerate establishing regulations and effluent standards.

<Business prospects>

- As promoting water pollution prevention act, creating wastewater treatment system EPC business and water quality monitoring business.