



# Tha Bar Wa

A sustainable future for industry

CATALYSING  
CLEANER  
PRODUCTION  
IN FOOD AND  
BEVERAGE  
COMPANIES

## BACKGROUND

Myanmar industries are at a cross-road. Whilst industrial development is critically important for economic growth, if not managed responsibly it could have significant impacts on Myanmar's natural environment and undermine the country's long-term growth. Lessons from across Asia show us that, in the long term, cleaner production benefits both people and the industries themselves.

So far, systematic barriers have prevented Myanmar's industries from adopting cleaner production practices. For example, of the 24,000 registered food and beverage (F&B) companies in the country, less than 5% have functioning wastewater treatment system. This is a huge concern. A 2018 WWF report found industrial wastewater pollution to be the biggest risk to the freshwater ecosystem in many of Myanmar's states and regions. Similarly, data suggests that achieving energy efficiency of 20-30% for industries is possible even with low cost measures.

In order to address these systematic barriers, different stakeholders must work together to enable and empower industries to adopt cleaner production practices.

## PROJECT OBJECTIVE

Tha Bar Wa project aims to promote cleaner production practices in small and medium-sized enterprises (SMEs) in the food and beverage industry. It strives to create an enabling environment by providing technical knowledge and skills, facilitating access to finance and advocating for policies that incentivise sustainable water and energy management practices. The project will organise industries to build their technical understanding and facilitate access to finance and technology to adopt cleaner production practices. The project will also leverage replication tools to ensure tangible, on the ground, positive impact on the natural environment.

## ABOUT "THA BAR WA"

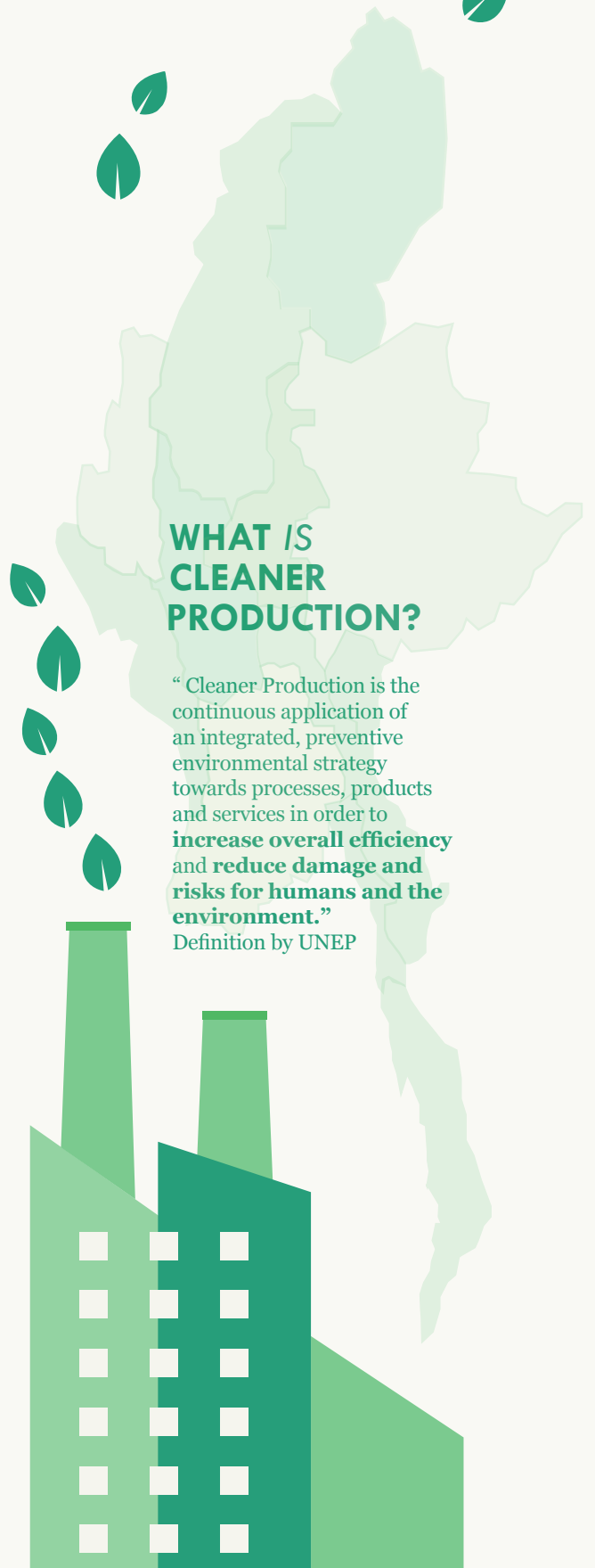
The name of the project Tha Bar Wa expresses a strong commitment to nature and the natural resources utilised by industries in order to operate. It signifies a commitment to adopting operating processes whereby impact on nature is minimised.

This four-year project funded by the European Union (EU) is being collaboratively implemented by World Wide Fund for Nature (WWF), Myanmar Food Processors and Exporters Association (MFPEA) and the Savings Banks Foundation for International Cooperation (SBFIC), to support cleaner production practices in the F&B industry. The project will be working with F&B companies from different sub-sectors, local consultants, academics and domestic banks.

It will also support and work closely with the Ministry of Natural Resources and Environmental Conservation (MoNREC), Ministry of Industry (MoI) and Yangon City Development Committee (YCDC) to strengthen public private partnership for cleaner production.

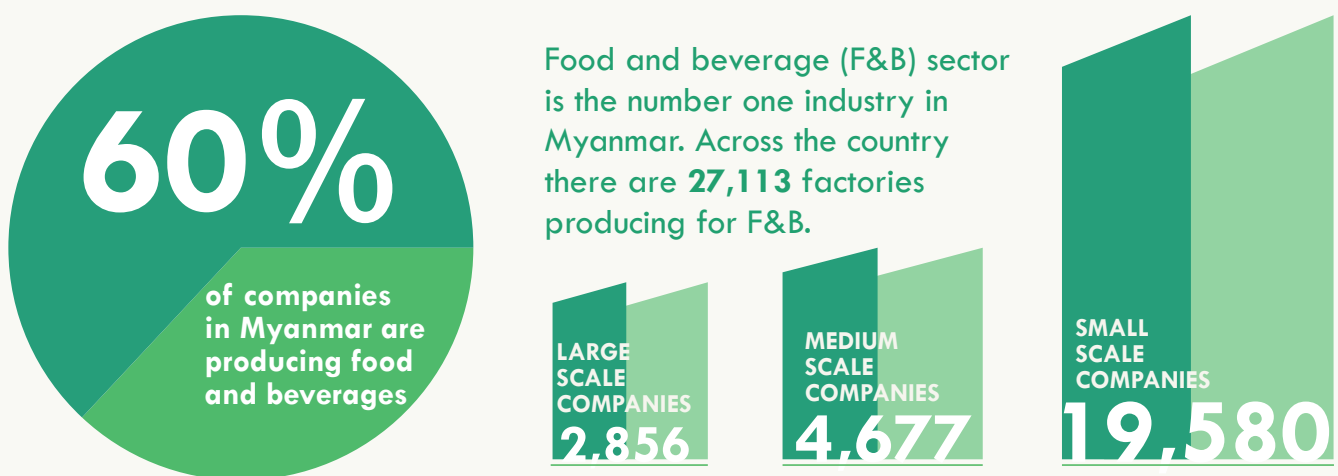
## WHAT IS CLEANER PRODUCTION?

"Cleaner Production is the continuous application of an integrated, preventive environmental strategy towards processes, products and services in order to **increase overall efficiency and reduce damage and risks for humans and the environment.**"  
Definition by UNEP



## QUICK FACTS

<b>Project name</b>	Tha Bar Wa
<b>Funded by</b>	European Union under the SWITCH-Asia Programme
<b>Duration</b>	48 months (Feb 2018 – Jan 2022)
<b>Lead Agency</b>	World Wide Fund for Nature (WWF)
<b>Project Partners</b>	Myanmar Food Processors and Exporters Association (MFPEA) Savings Banks Foundation for International Cooperation (SBFIC)
<b>Final Beneficiaries</b>	SMEs of F&B sector, local consultants, Myanmar banks
<b>Project associates</b>	Ministry of Natural Resources and Environment Conservation (MoNREC), Ministry of Industry (MoI), Department of Research and Innovation (DRI), Yangon City Development Committee (YCDC), Union of Myanmar Federation of Chambers of Commerce and Industry (UMFCCI)



## EXPECTED RESULTS

- 2 policies and 2 sector-wide guidelines for cleaner production practices
- 200 SMEs of the F&B industry and associated business intermediaries gained knowledge and capacity to implement cleaner production technology
- 30 SMEs implemented cleaner production measures and processes and 20% improvement in water and energy consumption and discharge performance
- A pool of 10 local consultants are trained and provide high quality services to SMEs on implementation of cleaner technologies
- 3 financial institutions have enhanced their capacity of SME lending for green technology investments
- 60 bank officers are trained and well-equipped with theoretical and practical skills on SME lending
- The cleaner production model is replicated in other regions and lessons are shared across Southeast Asia

### For further information on the project or on cleaner production, please contact:

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