



FACTORY TRANSFORMATION PROGRAMME

FOR IMPROVING PERFORMANCE,
SUSTAINING BUSINESS,
BECOMING INDUSTRY 4.0 READY
AND ACHIEVING CORPORATE
EXCELLENCE



Manufacturing companies nowadays are under severe pressure due to intense global competition. Higher material and energy costs have also forced many manufacturing companies to continuously modify their operations. Quality is a significant driver for success and production lines as well as the overall factory layout need to be revolutionized to improve efficiency and productivity.

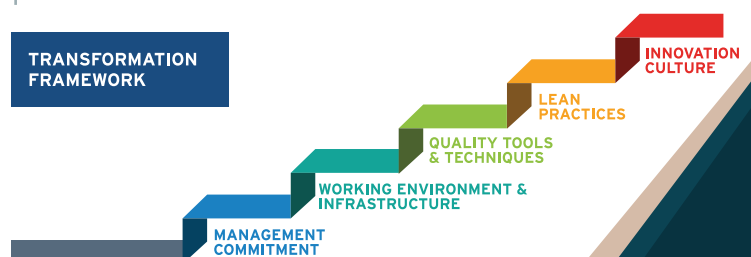
The Malaysian Timber Council's Factory Transformation Programme (FTP) is an excellent initiative for manufacturing companies looking to improve their operations, become more sustainable, and stay competitive in today's global market. By applying **Green 5S, Lean Management, and Innovation Management**, companies can revolutionise their production lines and overall factory layout to improve efficiency and productivity while reducing costs.

OBJECTIVES

- Support and assist manufacturing companies in carrying out assessment and diagnostic study of factory shop floor to identify inefficiencies and wastages through the application of Green 5S and Lean Management tools and techniques.

- Train and coach manufacturing companies at sites/premises to increase adoption and implementation of Green 5S, Lean Management and Innovation Management.
- Assist manufacturing companies in transforming shop floor into efficient work flow and provide technical support to meet project KPIs in improving product quality and reliability of delivery.
- Identify and develop appropriate Guidance and Good Practice Standards for easy adoption by companies.
- Provide insights on how Industry 4.0 can give impact to manufacturing capabilities and to prepare manufacturing companies on initiation of implementation.

TRANSFORMATION
FRAMEWORK





TARGET SECTORS

Wood-based manufacturing companies such as furniture, joinery, mouldings, and panels, among others, with the following elements in achieving Industry 4.0:

- Transitioning towards upgrading to advanced manufacturing; and
- Moving towards digitisation and connectivity

EXPECTED OUTCOMES

Improved efficiency and productivity: By applying Lean Management principles, companies can identify and eliminate waste in their operations, leading to improved efficiency and productivity. This can result in cost savings and improved competitiveness in the global market.

Enhanced quality: The FTP emphasizes the importance of quality in manufacturing. By adopting Green 5S principles, companies can create a clean, safe, and organised work environment, leading to improved quality control and reduced defects.

Sustainable operations: The FTP encourages companies to adopt sustainable practices, such as reducing waste, conserving energy, and reducing their environmental footprint. This can lead to long-term sustainability and a positive impact on the environment.

Increased innovation: By adopting Innovation Management principles, companies can encourage and support innovation within their organisation, leading to new products, services, and processes that can improve competitiveness and drive growth.

Better employee engagement: The FTP emphasises the importance of employee engagement and involvement in the transformation process. By involving employees in the process and providing training and development opportunities, companies can improve employee morale and retention.



21st Floor Menara PGRM, 8, Jalan Pudu Ulu, Cheras, 56100 Kuala Lumpur.

CONTACT

Adeline Goh (adeline@mtc.com.my), Mobile: 016 204 0407
 Nasrul Izan Shahrin (nasrul@mtc.com.my), Mobile: 019 613 8148