

# Carbon Footprint Action Plan and Energy Saving Measurement Monitoring Organization

## Entity Overview

	<b>Company name</b>	<b>Location</b>
<b>Representative</b> (Training provider)	Panyapiwat Institute of Management	Nonthaburi, Thailand
	<b>Business overview</b>	
	A Corporate University emphasizes on a Work-Based Education as a learning methodology. We are an educational organization of CP ALL (Public) Co., Ltd. who launched various projects of GHG, Climate change management, Zero carbon under a Sustainability Goals of Charoen Pokphand Group (CPG).	
<b>Partner organization</b>	Mitsubishi Electric Factory Automation (Thailand) Co., Ltd.	

## Training Overview

<b>Training site</b>	Panyapiwat Institute of Management (Main campus), Panyapiwat Institute of Management (EEC campus), EEC Automation Park
<b>Project period</b>	29 <sup>th</sup> April 2025 – 31 <sup>st</sup> January 2026
<b>Training period</b>	4 days (22 hours) in total
<b>Participation fee</b>	12000 THB/person (5,452.42THB will be subsidized)
<b>Language</b>	Thai
<b>Training features</b>	<ol style="list-style-type: none"> <li>Educate from principle to application level of Carbon footprint action plan and Energy saving measurement monitoring for organization by Work-based learning as a core learning methodology of PIM</li> <li>Learning from the Best practice and various GHG projects under a Sustainability goals of CPG and CP ALL</li> <li>Small group Practice and workshop with real energy saving tools in visualization</li> </ol>
<b>Target trainees</b>	Management and employees of Japanese or their supply chain organization in the manufacturing industry, On-site employees on production lines, production control or Kaizen teams, Sustainability teams in any field of industry

## Contents of Training

The content aim to teach management or employees to understand a context of Decarbonization and how to identify energy-intensive processes and introduce energy-efficient alternatives. Also improving productivity while reducing carbon emissions which is critical in modern industrial operations. Training programs will equip management or employees with the skills to improve operational efficiency, often through the application of advanced technologies from a renown company Mitsubishi E-Factory such as Automation and Smart Manufacturing, Lean Manufacturing and Process Optimization, etc. including create an action plan, collecting data, calculation and make a report for organization based on a standard requirement. In addition, learning various Zero carbon and climate change management projects from CPG& CP ALL.

## Expected Training Benefits

The knowledge and skills that trainees gain from this course are expected to be applied in the company as following ways:

- Ability to monitor energy consumption in real time and help reducing the organization's energy consumption
- Ability to calculate a carbon credit and percentage of energy saving for an organization
- Identify the processes which consume unnecessary energy
- Ability to make an action for the work units who responsible for sustainability alongside business planning
- Having a strategic plan and operational plan for Carbon footprint and energy saving for an organization
- Apply the importance of using monitoring systems to analyze and improving work efficiency

## How to Apply for Training

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