

# Basic Training Course for Carbon Foot Print (CFP) Knowledge and Self-Accounting

## Entity Overview

	<b>Company name</b>	<b>Location</b>
<b>Representative (Training provider)</b>	Indonesia Japan Business Network (IJBNet)	Jakarta, Indonesia
	<b>Business overview</b>	
	<ul style="list-style-type: none"> <li>Adoption of applied technologies from Japan .</li> <li>Increase exports (food/beverage and bioenergy).</li> <li>Development of competent HRD.</li> </ul>	
<b>Partner organization</b>	1. Lexer Research Inc.	3. Mercu Buana University
	2. Green CPS Consortium	4. Gunadarma University
	3. Asuene Inc.	6. Indonesia University

## Training Overview

<b>Training site</b>	Mercu Buana University, Gunadarma University, and Indonesia University
<b>Project period</b>	8 <sup>th</sup> October 2024 – 31 <sup>st</sup> January 2025
<b>Training period</b>	2 days (10 hours) in total for 1 batch
<b>Participation fee</b>	5,000,000 IDR/person (1/2 will be subsidized)
<b>Language</b>	Indonesian and Japanese

<b>Training features</b>	<ol style="list-style-type: none"> <li>Acquire knowledge in dealing with environmental issues related to CFP</li> <li>Basic knowledge regarding the description of LCA (Life Cycle Analysis)</li> <li>Expertise in business processes including production processes using LCA</li> <li>Basic knowledge for calculating CFP from defined LCA</li> <li>Skills in formulating a supply chain strategy that includes investment costs regarding Scope 3 in the required CFP</li> </ol>
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<b>Target trainees</b>	<ol style="list-style-type: none"> <li>Manager and staff in Environment Management Department</li> <li>Engineers in Production System Development</li> <li>Manager and staff in Procurement Department</li> <li>Manager in Product Design Development:</li> <li>Strategic and Top Management in the Manufacturing Industry</li> </ol>
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## Contents of Training

### 1. Understanding of over all for decarbonize situation and approach.

- Overall training course explanation (Lecture).
- Knowledge of world-wide activities toward decarbonation (Lecture).
- Learning methodology for decarbonation with policy and guideline in worldwide (Lecture).
- Learning of method to calculate CFP along CFP guideline (Lecture).

### 2. Exercise of optimization toward lean with production simulation.

- Overview of decarbonation approach and basic method of Lifecycle Assessment (LCA) (Lecture).
- Describing LCA as supply chain and group discussion (Exercise).
- Calculate CFP utilizing cloud service of CFP (Exercise).
- Investment optimization for decarbonation (Exercise).

## Expected Training Benefits

### Benefits to Trainees

- As knowledge toward carbon neutrality, acquire basic knowledge carbon neutrality in the world, guidelines for calculating GHG emissions, and administrative measures;
- In addition to learning the concept and description method of LCA, students will acquire skills on how to write actual business as LCA;
- Obtain a method for calculating CFP from LCA.
- Learn how to optimize investment costs for reducing CFP to make activities toward carbon neutrality economically rational.

### Benefits to Participating Companies

- By being able to carry out CFP calculations in-house, which previously had to be outsourced, we can make overwhelming recommendations on CFP calculation costs.
- Understand CFP based on LCA, possible to clarify points to work towards carbon neutrality.
- Employees in the environmental department can understand the actual activities of the division by writing their own LCA, makes possible to promote operational reform guidance for activities within the business from the perspective of the environmental department.

## How to Apply for Training

Participants register via +62813-1434-3355 (WhatsApp) and info@ijb-net.org by completing the registration form and a letter of recommendation from the company where they work.