Lean GX by DX Leader Development: DRIVING EEFFICIENCY THROUGH SYSTEM VISUALIZATION AND SIMULATION

Entity Overview

	Company name	Location
Representative (Training provider)	Astra Bina Ilmu Foundation (Astra Polytechnic)	Jakarta, Indonesia

Business overview

ASTRAtech (Astra Polytechnic) is a higher vocational education institution under the Astra Bina Ilmu Foundation, committed to developing highly skilled professionals through its ASTRAtech Dual System, which integrates academic learning with structured industrial training, supported by the Astra Group's industrial ecosystem, ASTRAtech ensures strong industry alignment and global competitiveness. It offers Diploma 3 (D3) and Applied Bachelor (D4) programs, and also provides training, consulting, and competency certification to support human resource development both nationally and internationally.

Partner organization	LEXER Research Inc., GreenCPS Consortium, ASUENE Inc.

Training Overview

Training site	ASTRAtech(Politeknik Astra) Cikarang Campus, West Java, Indonesia Each Participant's respective industry or company
Project period	28th April 2026 – 31st January 2027
Training period	80 days (560 hours) in total
Participation fee	51,968,179.44 IDR /person (1/2 will be subsidized)
Language	Bahasa Indonesia and English
Target trainees	Engineering Process Supervisor and Leader
Training attributes	Training Field: GX, DX Course Type: OJT Basic Knowledge: Required Applicable Industry: Manufacturing Industry Highlight of Training Benefit: **GX**: Awareness of green process; **DX:** To obtain Productivity Improvement

Contents of Training

* Our training follows a clear path to efficiency: first, we align participant with Lean principles. Then, through Digital Process Simulation, we identify and eliminate waste to build Future State Value Stream Mapping. Finally, we ensure the company is ready for Industry 4.0 with a focus on preparation of digital readiness level

Expected Training Benefits

1. Risk-Free Optimization: Validate process improvements through virtual simulation before physical implementation, saving time and costs.
2. Operational Excellence: Boost productivity and resource efficiency by systematically eliminating bottlenecks and waste.
3. SDG Alignment: Achieve a balance between profitability and environmental preservation, fulfilling global sustainability targets.
4. Data-Driven Decision Making: Move from intuition to precision with accurate simulation data for better ROI on factory investments.

How to Apply for Training

Application made through email contact: atika.risdayanti@polytechnic.astra.ac.id (marketing training Coordinator)