

Elephantech selected for NEDO's Deep-Tech Startups Support Program in the Green Transformation field

Elephantech is pleased to announce its selection for the **Demonstration development for Mass Production (DMP) phase of the 4th round of the Deep-Tech Startups Support Program** in the Green Transformation field (GX) by NEDO, the New Energy and Industrial Technology Development Organization of Japan. As of August 2025, Elephantech is the first and only company selected in the GX program for the DMP phase. As part of this selection, Elephantech will receive a subsidy of approximately 2.3 billion Yen at most to support its future growth.



The initiative centers around **Elephantech's proprietary low-carbon printed circuit boards (PCBs) manufacturing solution, SustainaCircuits**, which aims to establish a mass production system utilizing inkjet printing equipment as manufacturing equipment and copper nano-ink & primer as printing materials.

As PCBs account for a significant portion of the electronics sector's GHG emissions, making their fabrication greener is essential to achieving carbon-neutral objectives. Elephantech is actively addressing this challenge by improving production efficiency and driving decarbonization across the sector through the adoption of SustainaCircuits at PCB manufacturing facilities.

Building on its novel SustainaCircuits technology, Elephantech has been mass-producing flexible printed circuits in-house and supplying them to major electronics manufacturers. Following the successful development of a general-purpose multilayer PCB in 2024^{*}, the company is now expanding beyond in-house production to offer turnkey manufacturing solutions to PCB manufacturers, accelerating broader implementation of SustainaCircuits technology. Going forward Elephantech will continue advancing environmentally responsible growth of the electronics industry through sustainable and innovative technologies.

^{*} https://elephantech.com/en/news/press_release_20241217/

About NEDO Deep-Tech Startups Support Program (DTSU), and GX Program

"Deep-Tech Startups Support Program (DTSU)" and "Deep-Tech Startups Support Program in the Green Transformation field (GX)" provide support for research and development and commercialization in three phases for "deep-tech startups" engaged in research and development of innovative technologies. Eligible projects are those that require long-term research and development and large-scale funding to establish the technology, commercialize it, and implement it in society and that are considered to contribute to solving economic and social issues (carbon neutrality, resource circulation, economic security, etc.) to be addressed by the country or the world as a whole, despite the high risk involved.

(find out more at https://www.nedo.go.jp/english/activities/activities_ZZJP_100250.html)

Selection Announcement

Press release by NEDO : https://www.nedo.go.jp/koubo/CA3_100483.html (Japanese only)

GX Program Selection List(pdf) : <https://www.nedo.go.jp/content/800029688.pdf> (Japanese only)

Company Overview

Name	Elephantech Inc.
Establishment	January 2014
Headquarter	4-3-8 Hatchobori, Chuo-ku, Tokyo 104-0032, Japan
Representative	Shinya Shimizu, Representative Director & CEO
Business Description	Development of printed electronics manufacturing technology and provision of related services
URL	https://www.elephantech.com/en/

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