Introduction to Publications

Periodicals

- Electro-Heat Magazine (published six times a year)

Books

- Electro-Heat Handbook (Print-on-Demand)
- Design Manual for Hospital Meal Facilities
- Electro-Heat Electric Heating Systems Utilization Guide
- Industrial Heat Pump Installation Guide

and more

History

1958: Establishment of the Japan Electro Heat Committee
1980: First issue of the organization's journal published
1983: Formation of the Japan Electro Heat Association
2006: Launch of the Japan Electro Heat Center (JEHC) and hosting of the first Electro Heat Symposium
2009: Transition to a General Incorporated Association
2010: Business partnership established with the Nikkan Kogyo Shimbun, launching the "Manufacturing Sites" column
2015: Publication of the 200th issue of the organization's journal
2016: Membership surpasses 100 corporate members
2020: Electro Heat Symposium hosted online for the first time

Membership Types

■ **Corporate Regular Member**

■ **Corporate Supporting Member**

■ **Individual Member A**
Employees and alumni of regular members, academics, and students.

■ **Individual Member B**
Individuals other than those classified under Member A.

Now Accepting New Members

For inquiries, please contact JEHC.↓

・4 min walk from Kodemmacho Station (Tokyo Metro Hibiya Line)
・4 min walk from Bakurocho Station (JR Sobu Rapid Line).
・3 min walk from Bakuroyokoyama Station (Toei Shinjuku Line)
・3 min walk from Higashi-Nihombashi Station (Toei Asakusa Line)

一般社団法人
日本エレクトロヒートセンター
JAPAN ELECTRO-HEAT CENTER
JEHC
https://www.jeh-center.org/

Address: 13-7 Nihonbashi Ohdenmacho, Chuo-ku, Tokyo,
103-0011, Japan
Phone: +81-3-5642-1640 **FAX**: +81-3-5642-1734
E-Mail: office@jeh-center.org

Industrial Electrification
Leading to a Carbon-Neutral Future

一般社団法人
日本エレクトロヒートセンター
JAPAN ELECTRO-HEAT CENTER
JEHC

JEHC aims to be a platform for industrial electrification, enabling the realization of decarbonization in manufacturing sites!

About the Japan Electro Heat Center (JEHC)

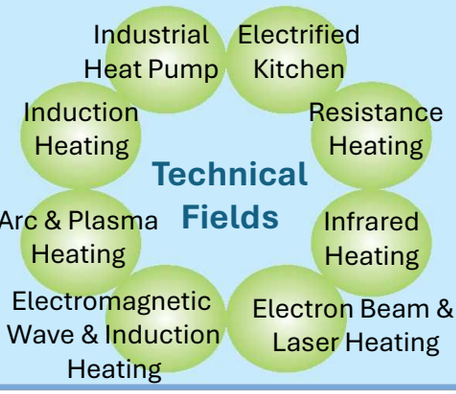
To contribute to the development and growth of industry and public welfare through the enhancement and promotion of technologies for electric heating and cooling, the Japan Electro Heat Center (JEHC) was established in 2006 as the National Center for Electro Heat Systems, following the incorporation of the Japan Electro Heat Association, which was founded in 1983.
We will continue contributing to sustainable development and growth, as well as achieving decarbonization and carbon neutrality.

JEHC's Technical Fields and the Features of Electro Heat

JEHC's technological domains include industrial heat pumps, seven electric heating methods for industrial applications, and electrified kitchens.
Aiming to Maximize the Benefits of Electro-Heat (Energy Saving, Environmental Performance, Productivity, Quality Improvement, and Process Innovation).

- Enables Heat Conversion Through Various Principles
- Heating Without Combustion

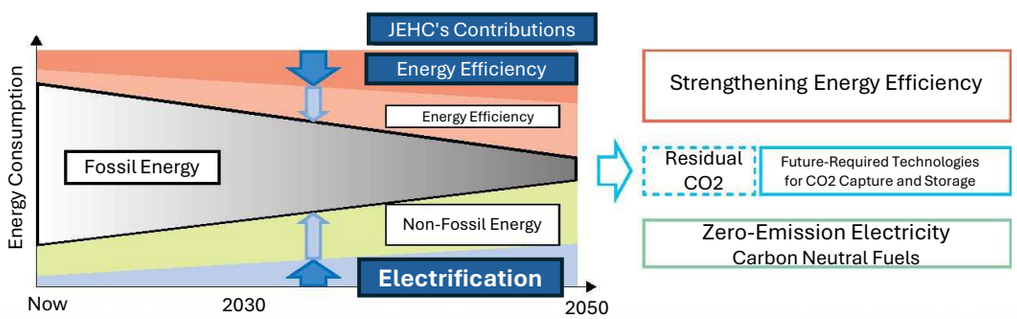
Heating:
Direct, Rapid, High-Efficiency, Localized, High-Temperature
Controllability, **Compactness**, **Workplace Adaptability**



Contribution to Carbon Neutrality by 2050

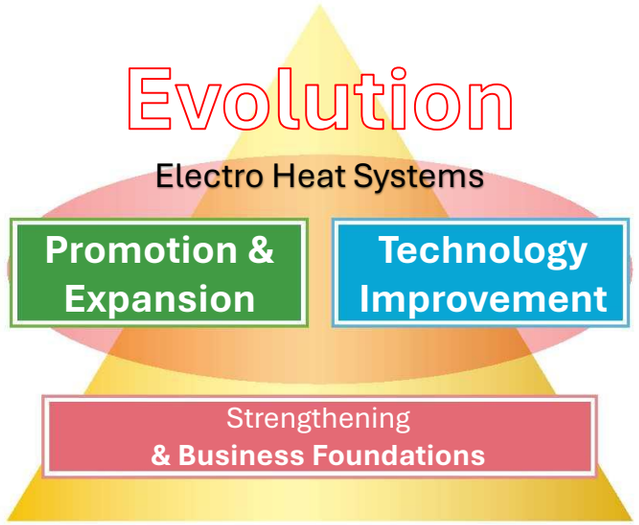
JEHC contributes to the reduction of fossil fuel energy by promoting comprehensive energy efficiency and electrification on the demand side through electro Heat technologies, while taking into account the decarbonization of the supply side.

[Demand Side Image]



JEHC's Initiatives

As the National Center for the Electro Heat Industry, we strengthen networks and business foundations while leading the expansion and enhancement of technologies, driving continuous evolution.



Promotion & Expansion

1. **Information Dissemination and Public Relations** Promoting electro-heat technology and its diverse applications, emphasizing web-based dissemination.
2. **Policy Reflection** Expanding public support systems for the implementation of electro-heat systems.
3. **Implementation Support Activities** Facilitating the use of support systems while advancing standardization and platform development.

Technology Improvement

1. **Providing Technical Information Platforms** Establishing and managing technical committees for each heating method, collecting, accumulating, and sharing technologies aligned with the latest advancements and industry needs.
2. **Human Resource Development** Fostering personnel responsible for promoting electroheat systems in the field through initiatives like dispatching instructors and hosting courses and seminars.

Networks

1. **Strengthening Networks and Business Foundations** We work to enhance multi-dimensional networks with stakeholders
   - Approaching industry associations, government bodies, and research/educational institutions
   - Promoting membership benefits to expand member numbers
   - Advancing international exchange