

## Consulting Record

We have been recognized as an energy consultant by the clients with good results for their projects.

### District heating and cooling : Total refrigeration capacity 680,000 USRT

- Our simulation software represents the annual energy consumption of the existing plant within error of a few percentage
- Study of the renewal of equipment and additional installation of electric power generation unit
- Renewal to improve system COP
- Realization of energy saving and cost reduction by changing the operation conditions
- Study of overall renewal
- Plan of new plant installation

### Electric power generation unit related : Total electric power generation capacity 2,750 MW

- Plan of new energy plant for new electric power station
- Energy saving and cost reduction by integrating electric power stations
- Energy saving and cost reduction by changing the operation conditions of electric power generation unit

### Investigation • Research

- Consignment for the project of infrastructure export from METI
- Consignment from a general incorporated association
- Joint research with university and presentation at a society

### Evaluation of energy saving for the individual building and operation improvement thereof

- Contingency fee type saving energy ESCO project
- Analysis of the present status of intelligent building and improvement of operation
- Analysis of the present status of hospital and improvement of operation
- Analysis of the present status of large hotel and improvement of operation

## Software Licensing record

Our simulation software's have been licensed in a variety of the field

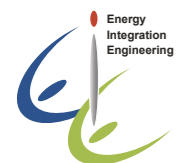
**Enepro21** | Energy company, ESCO company, Design company, Facility company, consulting company, System design company (BEMS), Equipment manufacturer, Building management company, University.  
We have contributed to the licensees for their business development, energy saving of facilities and research activities.

The equipment data of more than 6,000 equipment registered in the Enepro21 data table is available with co-operation of equipment manufacturers

**Etomas21** | Energy management of large volume retailer, shinkin bank, amusement facility, karaoke studio, hospital, supermarket et al.

## Corporate History

2005 March	Established as energy consultant company. Capital 10million yen
2006 December	Simulation software for the supply and demand of electric power
2007 March	Started the support business of the calculation of electric power charges and invoice system
2008 April	Started to license Enepro21 Lite (Gas focused type, Electric power focused type)
2008 September	Started to license Enepro21 Regular
2009 October	Enepro21 Regular/Lite awarded to the grand prize of "Cho-monozukuri"( Super product production work) as the best product related to the environmental protection
2009 December	Started to license Estel21 of preparation of heat source load
2010 April	Enepro21Regular/Lite awarded to the prize of excellent software of the 22th competition of the new technologies developed by the small firms
2010 May	Started to license a series of Etoms21to meet with the revised law of energy saving
2010 August	Establishment of the PCTpatent for "Simulation system of heat and electric power facilities" (Japanes Patent No. 4564594)
2011 February	Capital is increased to 45 million yen
2011 March	Started to license Etoms21 FM (for Facility Management)
2011 April	Started to license Enepro21 Web (for the internal Intranet)
2011 September	Started to license Enepro21 Web (for Intranet for the local administration)
2012 November	Started to license Enepro21 Multi
2012 November	Enepro21 has been patented in USA (US Patent No. US8396605 B2)
2013 March	Enepro21 awarded to the prize of technology development by The society of Heating, Air-Conditioning and sanitary Engineers of Japan
2014 March	Started to license Enepro21 Regular Ver.3 which handles Solar electric power generation and utilization of solar heat as well



E.I. Engineering Co., Ltd.

Head Office: 2-10-18, Asahi-Dori, Chu0-ku, Kobe (651-0095)

Tel:078-222-8250 Fax:078-222-8258

Tokyo Office: 3-22-16, Miyamae,Suginami-ku, Tokyo (168-0081)

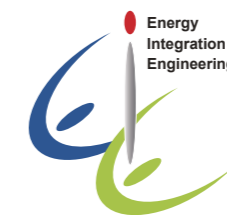
Tel/Fax: 03-6761-8198

Home Page: <http://www.eie-e.com/>

2016.07.10

# Consulting firm for energy E.I. Engineering Co.,Ltd

We are a consulting company specialized  
in the energy saving project with  
the proprietary simulation software and know how



E.I. Engineering Co.,Ltd Company Profile  
Kobe JAPAN

**We contribute to make a ecology society by the good consulting service and licensing the reliable simulation software.**

680,000 USRT

Business 1

## Consulting service for energy

By using Enepro21 energy simulation software, we suggest comprehensively about the energy saving of distributed electric power generation and energy facility, the reduction of cost, CO2 and electric power consumption.

*Visualize the actual operation state of the facility and propose the optimized system and operation conditions.*



### Consulting

- The proper analysis and assessment for the current operation state of the existing energy facility, the improvement of operation thereof
- Study of the introduction plan of Cogeneration unit, electric power generation unit and heat accumulation unit, operations thereof
- Study of the complicated energy facility including the electric power generation by usable energy and biomass
- Evaluation of energy plan for industrial park and smart city
- Training of operators and service of operation support

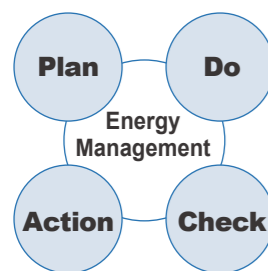
*We have received the many business from energy company, design company, building management company, facility design company and district heating and cooling company.*

12 items

Business 2

## Licensing software package

*Know how yielded through consulting service!  
Compatibility of high accuracy and usability  
Tool of business expansion*



- Outstanding energy simulation software  
Enepro21 Regular ver.3      Enepro21 Lite ver.2

*Enepro21 Regular ver. 3 handles solar electric power generation and solar heat as well.*

- The simulation can be done accurately and rapidly by providing the great store of data base such as detailed equipment data for 6,000 equipment, environmental data, electric power rates data, gas rates data, and meteorological data) through WEB system.

- Total energy management software in compliance with the energy saving law. Etomas21 series

(Software of multi-function and low-price for energy saving and electric power saving)

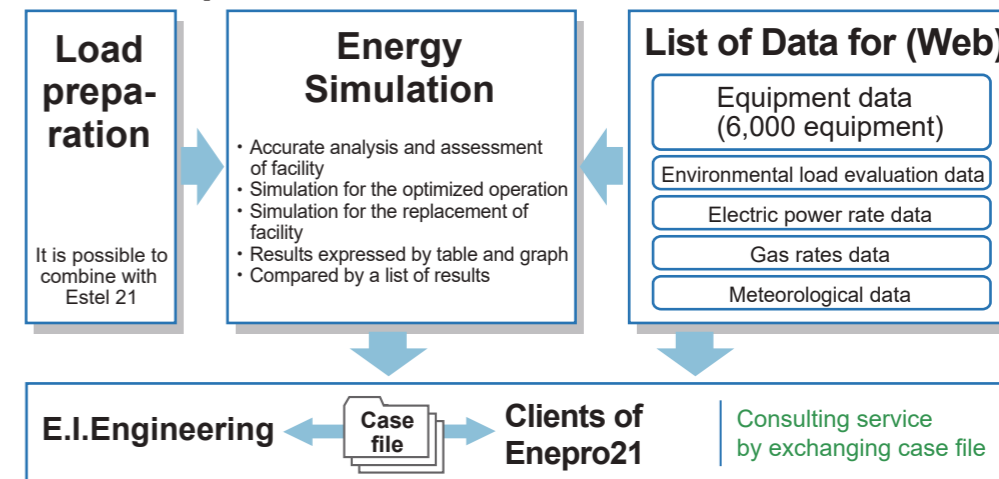
- Etomas21 visualizes the energy management and supports the management group to control with the practical standard data by the function of energy analysis and management by objective for energy saving.
- Etomas21 reduces the energy management cost largely.

**We always focus on the new issue of energy.**

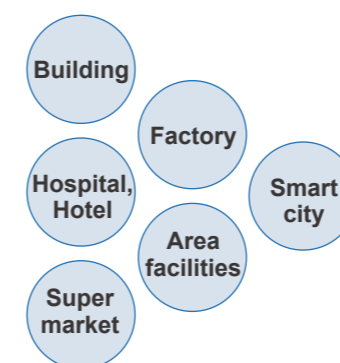
*The effective utilization of energy is getting important more and more. We will respond to the clients' need with both of consulting service and software licensing by Enepro21.*

Enepro21

### How Enepro21 will work



\* Clients of Enepro21 use the list of data by accessing E.I. engineering Web site



### Software we have developed. High accuracy and easy operability.

Enepro21

Regular / Lite

Japanese Patent 4564594  
US patent 8396605 B2

Enepro21 Regular ver3 conducts solar electric power generation and solar heat

- Enepro21 regular could handle most of the energy facility including electric power generation and reusable energy
- Enepro21 regular is most suitable for the engineering, evaluation and assessment of the energy facility for building and district heating and cooling system

Enepro21 Lite has two types of simulation. One is focused on gas and other is focused on electric power

Enepro21

Multi

Simulation software for multiple air conditioning system at buildings

- Effectiveness of system such as energy consumption is properly assessed
- Air conditioning facility by floor or by area can be designed easily and properly

Estel21

Japanese patent no. 5070307

Program to prepare the load of heat source

- Calculate the heat load of the building easily without a complicated zone calculation
- The master data of energy consumption rate more than 360 have been prepared

Etomas21

Energy management tool to meet with the revised Japanese law of energy saving

- In addition to the standard version, the versions are available to meet with a category and type of industry
- Etomas21 Pro : Management of energy saving
- Etomas21 Administration : Management of energy for the local administration

Support tool for PPS business

Simulation for management of the supply and demand of electric power

- Study a long term business plan including the development of new customers and plan of electric power source

Invoice system for electric power charge

- Bill of electric power charge is prepared smoothly and effectively

