

Our group and international businesses are taking on new fields

# We will seek dramatic growth in both our group and international businesses

Energy businesses face an environment that is changing greatly. Under these conditions, our corporate group will seek to grow dramatically including our group businesses and international businesses, pursuing new growth possibilities for the group. We will also seek to expand our business domains and areas.

## Group Businesses

### We will provide products and services that support businesses and daily living

Our group businesses include: Information and Communications, Amenity Services in Daily Life (real estate and lifestyle-related services), and Group Support businesses. We support people's lives and businesses by developing products and services based on the needs of customers and society, and by linking up with our comprehensive energy supply business—starting with electricity and gas.

#### Business fields

Information and Communications

Amenity Services in Daily Life  
(real estate / lifestyle-related)

Group business support

## International Business

### The International Business and Cooperation Division has been established. We are contributing to building power generation infrastructures overseas

In June 2015, our company established a new division, the International Business and Cooperation Division. Utilizing the technical advantages and expertise that we have developed over the decades, we are actively taking part in the overseas power generation projects and consulting services.

When doing these overseas activities, we aim to make the projects and consulting more valuable by introducing highly efficient equipment and implementing maintenance in such a way KEPCO have done in Japan, while contributing to improving the power infrastructures of our partner countries and mitigating impact on the global environment.



View of the San Roque Hydropower Station in the Republic of the Philippines

## Challenging initiatives of our group businesses

### 01 Information and communications

#### Create new services and value that meet customer needs

We offer a range of attractive services such as the “eo Hikari” FTTH service and the “mineo” mobile phone service. In addition, we began participating in the electric power business and started providing the “eo Denki” service in April 2016. We continue to offer new services and value through collaborations with other companies and industries in order to meet consumer needs.



K-Opticom Corporation service brands

### 02 Real estate business

#### Grow into a “comprehensive real estate group” that can meet every real estate need

In April 2016 the KANDEN FUDOSAN group companies and MID Urban Development group companies were merged to form Kanden Realty & Development group. The new group will expand business in the Tokyo metropolitan area and pursue a well-balanced portfolio of lot selling, leasing, and fee businesses (real estate brokerage and operations management), to meet a range of needs in real estate as a comprehensive real estate group.



Kanden Realty & Development Co., Ltd.

New condominium brand: Cielia\*

\* Cielia: This coined word combines “ciel,” which means sky or summit in French, and “ia,” which means land or place in Latin, to express an image of “an ideal residence” that is at the peak.

### 03 Lifestyle-related services

#### Provide services to support daily living that is secure, comfortable and convenient for customers

We offer various services that are closely linked to people’s lifestyles in response to needs and trends in society such as aging and the active promotion of women. These services include home security, housekeeping services, nursing, and health management. We will continue to develop a broad range of quality lifestyle services to provide people with safety, comfort, and convenience in every stage of life.



Kanden Joy Life Co., Ltd.  
Private nursing home with caregiving  
Yutorem Minoh Sakuragaoka

### 04 Group business support

#### While supporting the business foundations of other group companies, we are also actively developing our direct sales markets

By utilizing the skills and expertise that we have developed in the electric power business to provide products and services that are high-quality and low-cost, we will continue to expand our sales to customers outside the group while steadily supporting the business foundations of other group companies.

For example, Kanden Engineering Corp. has developed a technology for harmlessly processing power transformers that contain small quantities of PCBs. In October 2014, we began on-site cleaning of transformers that were contaminated with PCBs and difficult to move because of their large size. Now, in addition to doing this within the group, we are also expanding this business throughout Japan.



Kanden Engineering Corp.

“Spica” mobile cleaning unit for transformers that are contaminated with PCBs



## Challenging initiatives of our International Business and Cooperation Division

### 05 Overseas power generation

Participation in power generation projects overseas  
9 projects in 7 countries  
(6 projects (1,220,000 kW) already in operation)

**1,870,000 kW**  
(by investment ratio)

### Constructing a hydroelectric power station in Laos: Nam Ngiep 1, having a dam equivalent to Kurobe Dam on a scale

We have abundant experience and expertise in hydroelectric power generation, most notably from the Kurobegawa No. 4 Power Station which is often called Kuroyon. Utilizing these, we are acting as a project leader in the development of a hydropower project in Laos. The main dam of Nam Ngiep 1 is on a large scale equivalent to Kurobe Dam but with about 10 times the water retention capacity. Along with constructing the dam, since it is necessary for some residents to move, we are also developing a new village for them so that they will be able to live even richer lives while maintaining their own unique cultures after the resettlement. We are also considering the labor conditions of the construction site and thoroughly endeavoring to preserve the natural environment of the watershed as we advance the construction of Nam Ngiep 1.



Interaction with residents of a village that will be moved



Dam construction site

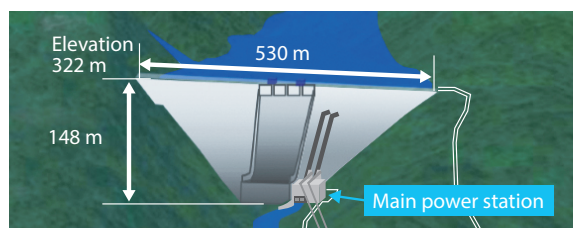


Image of the Nam Ngiep 1 Hydropower Project being built in Laos

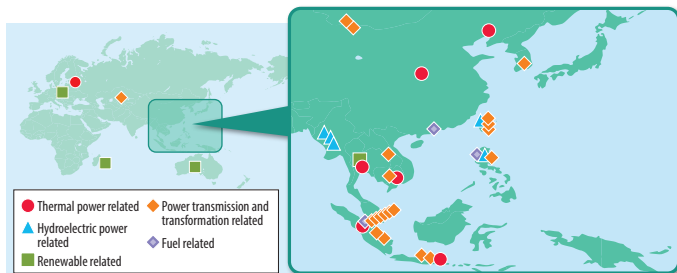
### 06 Overseas consulting services

Number of contracted consulting services

**75**

### Utilizing the expertise we have developed in the electric power industry

We are utilizing the expertise that we have developed in the electric power industry, and along with NEWJEC Inc. (KEPCO Group), we are providing overseas consulting services with the intention of contributing to the international community, promoting international business and developing our human resources. We have a record of results in numerous countries, primarily in Asia. For example, we have contributed to the establishment of electrical equipment technical standard in Lao People's Democratic Republic (Laos) and provided technical support for hydro power developments in Republic of the Union of Myanmar. In recent years, through a commission from the Japan International Cooperation Agency (JICA), we have provided assistance to formulate an optimized national electricity master plan for Myanmar, dispatched a "Long-term expert" to a power distribution company in Myanmar. We are also conducting the preparatory study for the rehabilitation project of hydropower station in Myanmar, and we have received a commission from the San Roque Hydropower Station in the Republic of the Philippines to provide technical support of operation and maintenance for the power station.



**75** projects contracted to date, primarily in the fields of thermal power, hydro power, and transmission and distribution



Under the contract with JICA, KEPCO has dispatched one of its employees as a "long-term expert" in Myanmar.

Providing guidance on how to measure facility conditions in a hydroelectric power plant in Myanmar