

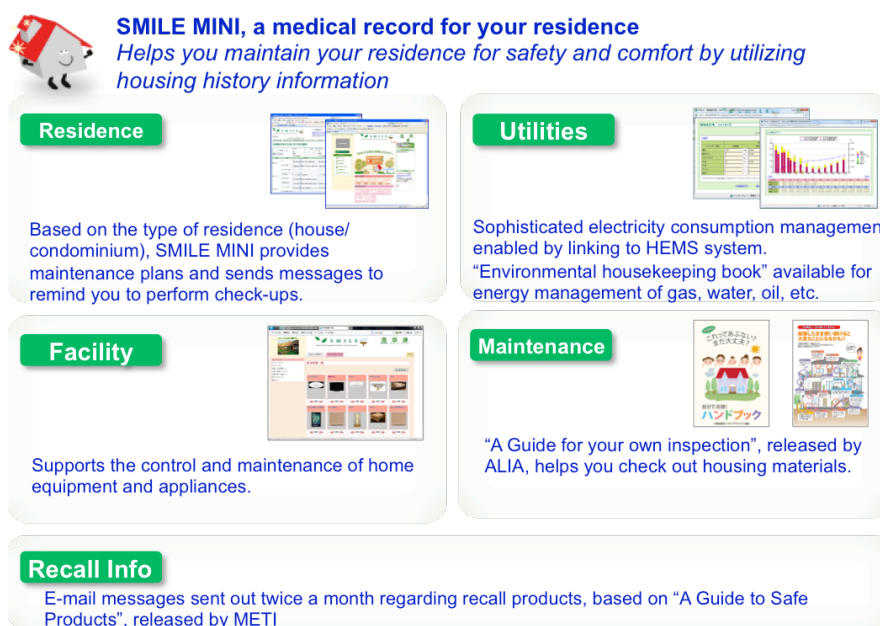
May 13, 2015

**Participating in METI Project Through “SMILE MINI”,
a Support system for Management of Information, Living and Environment
KKE as a Service Provider in “Large-scale HEMS Information Infrastructure Development
Project” targeting 14,000 monitors**

Kozo Keikaku Engineering Inc. (Head Office: Nakano-ku, Tokyo, President: Shota Hattori, “KKE” hereinafter) announced today that it will participate in the Large-scale HEMS Information Infrastructure Development Project, subsidized by Ministry of Economy, Trade and Industry (METI) this fiscal year. As a member company of the i-ene Consortium, a consortium dedicated to this project, KKE will leverage the data acquired by HEMS and provide useful housing information through SMILE MINI, a Support system for Management of Information, Living and Environment.

The role of KKE in this project is to provide information that will help monitors maintain their residences in good, secure condition by themselves using SMILE MINI, as shown in Fig. 1. Monitors are those who have enrolled and have agreed to provide HEMS data to the consortium, and they number approximately 14,000 households throughout Japan. Of the monitors, KKE offers SMILE MINI to those who reside in the Kanto region and who consent to provide their data to KKE ^{*1}.

The ultimate purpose of SMILE MINI is to support comfortable housing by helping monitors evaluate the energy saving efficiency that best suits their residence, as well as by helping them replace or maintain home facilities and electronics that are useful for further energy savings. It does this by consolidating the utility consumption data from each monitor that is acquired through the established nationwide HEMS information infrastructure and the housing-related information that is registered by the monitors through SMILE MINI. The services offered by SMILE MINI, for example, include a guide for the self-inspection of housing materials that is released by ALIA, the Association of Living Amenity, as well as periodic notification of recalled products and seasonal maintenance tips.



Note: The information above may differ from the latest description.

Fig.1 Service Overview of SMILE MINI

*1 The consortium called for monitors in the Kanto (Tokyo, Kanagawa, Chiba, and Saitama), Chubu, Kyushu, and Tohoku regions. SMILE MINI monitors are limited to those who reside in the Kanto area.

Performing as a service provider in this project, KKE contributes to accelerating energy saving and on- and off-peak countermeasures by utilizing the HEMS data. KKE is thus striving to build a more convenient and comfortable society with a unique service that may arise from the utilization of electricity consumption data.

■ i-ene Consortium

Granted a bounty by METI, the i-ene Consortium was founded as an operating body of the Large-scale HEMS Information Infrastructure Development Project in 2014, and was appointed to serve for the same project for fiscal year 2015 on April 28, 2015, following the success of the previous fiscal year. It consists of approximately 30 corporations, which are divided into three types of business operators: HEMS providers, HEMS platform operators, and service providers. KKE participates as a service provider.

<http://www.ienecons.jp/> (Japanese only)

■ Association of Living Amenity (ALIA)

In order to “enhance the amenity of the living environment in Japan by spreading fine housing materials and equipment”, ALIA conducts research and educational activities in Japan.

<http://www.alianet.org/> (Japanese only)

■ SMILE MINI

Based on the pay service SMILE ASP, KKE provides SMILE MINI, a free service that has been simplified for this project. SMILE ASP is a web-based ASP service that allows users to enter and view data on the Internet. It creates an environment for both the owner and builder of a residence to access and utilize housing-related information so that they can maintain comfortable, safe and secure housing conditions for a long period of time.

[Key Features of SMILE ASP]

- i) For both owners and builders
 - Residential application: Storing and viewing housing-related documents such as design drawings and registration forms during the construction phase, and inspection reports and drawings for renovation during the maintenance phase
 - Data sharing between owners and builders
- ii) For the owner
 - Energy application: Viewing and managing utility consumption and CO2 conversion rates (electricity, gas, and water)
 - Durable goods application: Consolidated information management of data released from suppliers and from resellers of furniture and home electronics
- iii) For builders
 - Residential application: Storing and viewing customer information and construction as well as maintenance records
 - Visual representation of residential information on a map, enabling productive business activities

<https://smileportal.jp/> (Japanese only)

■ About KKE (<http://www.kke.co.jp/en/>)

Founded as a structural design firm in 1956, KKE has expanded its objects of analysis from buildings to the surrounding natural environment (i.e. earthquakes, tsunamis, wind, etc.), society, business, and communities. As a professional design and engineering company that bridges the academic and industrial worlds, KKE strives to solve the various issues and challenges that society faces, utilizing its engineering expertise acquired through knowledge exchanges in diverse fields. KKE will thus contribute to creating a better society and systems for the next generation.

■ For More Information

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