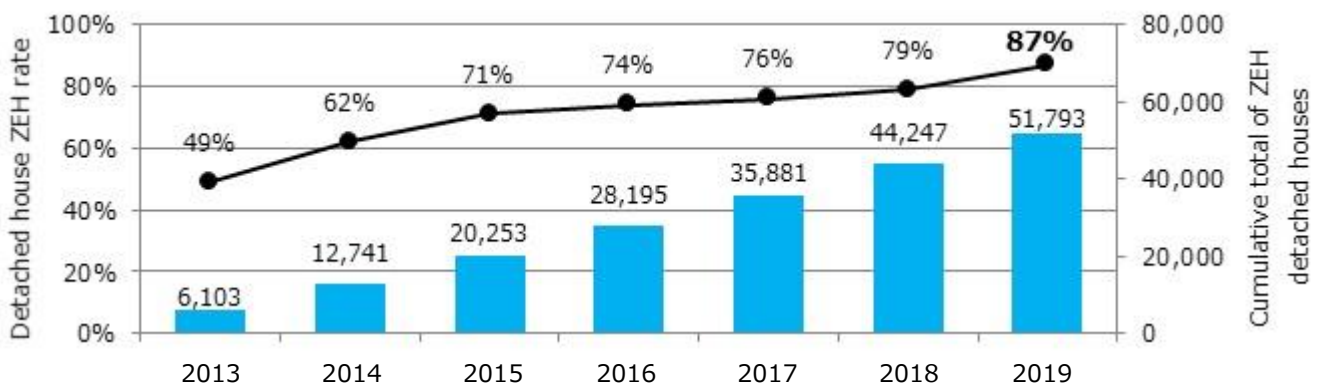


## Sekisui House Achieves Net Zero Energy House Rate of 87%, the Highest in Japan for the Fourth Consecutive Year\*<sup>1</sup>

*Promotes environmentally friendly housing in response to climate change risk*

In fiscal 2019, 87%<sup>\*2</sup> of newly built detached homes constructed in Japan by Sekisui House were Net Zero Energy Houses (ZEH), enabling the company to reach its fiscal 2020 target of 80% ahead of schedule. As of March 31, 2020, ZEH detached houses sold under the Green First ZERO model launched in 2013 totalled 51,793.

In the collective housing category, Sekisui House supplied 447 Net Zero Energy Apartments in 58 buildings in fiscal 2019, for a cumulative total of 691 units in 103 buildings.<sup>\*3</sup> Combined CO<sub>2</sub> emission reductions in the detached home and collective housing categories due to ZEH construction amount to approximately 710,000 t-CO<sub>2</sub>,<sup>\*4</sup> making a major contribution to global warming prevention.



As well as being effective in preventing global warming, ZEH housing is drawing attention for its high levels of disaster resilience. Sekisui House has been a leader in enhancing the resilience of housing, being the first company to adopt storage batteries as standard in its housing and launching energy-saving and disaster-ready housing as early as 2004. In 2011, the company launched its Green First HYBRID model, becoming the first in the world to coordinate control of three types of battery: solar cells, energy-creating fuel cell 'Ene-Farm', and storage cells. Since 2013 it has promoted the Green First ZERO model of energy-neutral housing.

When earthquakes and typhoons have struck, Sekisui House has made maximum use of its nationwide group network and its own disaster response systems to provide various forms of support enabling homeowners to return to their normal daily lives as quickly as possible. Based on the concept of enhancing all-round resilience through the Sekisui House Group's disaster support

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systems, in addition to bolstering the resilience of housing itself, Sekisui House promotes house-building that contributes to global warming prevention and preparedness for devastation associated with climate change and aims to be a leader in ESG management.

\*1; Based on cumulative number of ZEH detached-house builds completed in Japan by major home builders and other detached house building companies in the period from fiscal 2016 to fiscal 2019 (source: Sekisui House figures).

\*2; Excluding the Hokkaido region in the period from April 2019 to March 2020.

\*3; Of the four categories of Net Zero Energy Apartment (ZEH-M) under Japanese criteria, these figures exclude the “ZEH-M Oriented” category without solar power generation.

\*4; Based on volume of reduction in CO<sub>2</sub> emission from new homes compared to 1990 levels.



### **The Sekisui House Green First ZERO ZEH Housing Concept Promotes Disaster-Resilient Environmentally Friendly Housing**

Japan faces frequent natural disasters including earthquakes and typhoons. Sekisui House takes the following approach to this challenge:

#### **Disaster-resilient buildings + the disaster response capabilities of the Sekisui House Group**

- (1) Build housing robust enough to withstand disasters.
- (2) Secure post-disaster living spaces, water, food, and energy, enabling residents to live independently for about a week.
- (3) Harness the capabilities of the Sekisui House Group team to support customers in times of emergency.

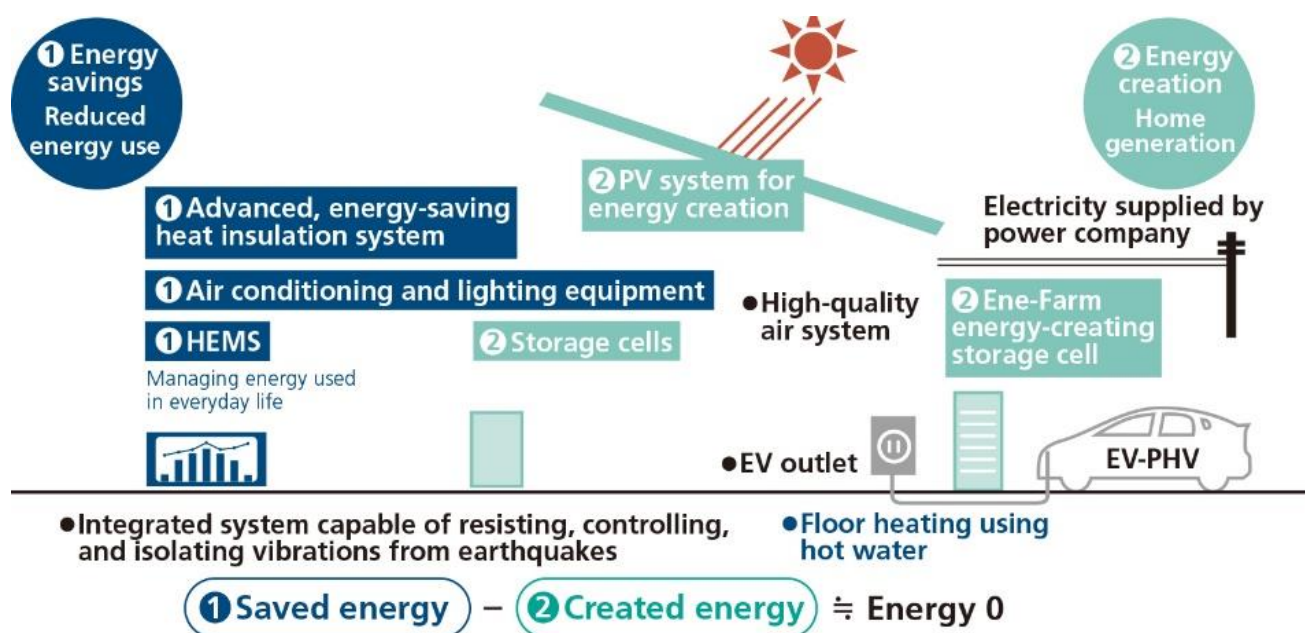
Based on these concepts, we have been rolling out our Green First ZERO model since 2013. \* It features a system coordinating three batteries: photovoltaic system supplying energy on sunny days, a fuel cell capable of generating electricity even on rainy days and at night if gas and water supplies are available, and a storage cells that can store surplus electrical power. This system enables residents to continue living almost normally even during power cuts lasting several days.

In times of emergency, the Sekisui House Group supports homeowners in returning to their normal daily lives as quickly as possible, for example by assisting speedy repair activities while managing app-derived data on damage suffered by homeowners. When the Great East Japan Earthquake occurred in 2011, the group swiftly set up a response headquarters and started transporting relief supplies three hours after the quake struck. About three days after Typhoon No. 15 hit the south of Chiba Prefecture in 2019, the group had checked the damage status of all homeowners in the affected area and completed initial emergency repairs on around 300 houses.

Naturally these homes also reduce environmental burden and enable both customers and the natural environment to enjoy the benefits derived from using renewable energy and selling surplus

electricity. The Sekisui House Group will continue to promote the spread of environmentally friendly housing and work with its customers to help prevent global warming.

\* At present, this model has been rolled out only in Japan. It is subject to limitations depending on equipment type and performance.



### About Sekisui House

Founded in 1960, Sekisui House, Ltd. is one of world’s largest homebuilders and an international diversified developer, with cumulative sales of over 2 Million homes<sup>1</sup>. Based in Osaka, Sekisui House has over two-hundred consolidated subsidiaries and affiliates<sup>2</sup>, over twenty-thousand employees<sup>3</sup> and is listed on the Tokyo Stock Exchange and Nagoya Stock Exchange.

Sekisui House aims to create homes and communities that improve with time and last for generations. With “Love of Humanity” as its Corporate Philosophy, Sekisui House believes that homes should offer comfort, security and peace of mind for residents, while maintaining harmony with the environment and its surroundings. Sekisui House has sustainability as a core corporate target and is now the global leader in the construction of net-zero-energy homes with more than fifty-thousands<sup>4</sup> of them built since the product was launched in 2013. In 2009, Sekisui House expanded into several new international markets and now operates in the United States, China, Singapore, Australia and the United Kingdom.

\*1 ; 2,468,686 homes delivered

\*2 ; 276 consolidated subsidiaries and affiliates

\*3 ; 26,258 employees

\*4 ; 50,518 net-zero-energy homes

All above figures as of January 31, 2020