

## FOR IMMEDIATE RELEASE

## AGC's Glass Products Contributes to Zero-Energy Design of 'Houses of 2030'

Tokyo, January 21, 2014—AGC (Asahi Glass Co., Ltd.; Head Office: Tokyo; President & CEO: Kazuhiko Ishimura) announced today that its energy-saving glass products have been adopted for the Net-Zero Energy House (ZEH) model houses at a housing event, "Enemane House 2014." This ZEH event is a part of a project led by the Agency for Natural Resources and Energy of the Ministry of Economy, Trade and Industry of Japan. A ZEH exemplifies a next-generation lifestyle in which the energy generated by a building compensates for the energy consumed by the building, resulting in annual primary energy consumption of or close to zero through the introduction of construction methods and housing equipment featuring high energy-saving performance and the use of renewable energy. The ZEH model houses showcased at the event will be open to the public from Wednesday, January 29 to Friday, January 31 for visitors to experience the state-of-the-art energy-saving technologies and future housing spaces.

AGC products have been adopted in all five model houses to be exhibited. (In order of the Japanese syllabary		
Representative body and project name		AGC products
<b>Keio University</b> Keio Co-Evolving House		Sunbalance triple glazing unit (with two Low-E coated panes & argon gas filling)
Technology Haha no Ie 2030 - Share housing-type residential style with breathing roofs and environmental shelters -	no no	Sunbalance (Argon-filled Low-E double glazing) Carboglass (polycarbonate sheet)
Chiba University "Renai House," a sustainable energy house that uses natural energy		Sunbalance triple glazing unit (with two Low-E coated panes & argon gas filling)
University of Tokyo Design of prototype urban low-rise collective housing aimed at zero energy, and a prototype demonstration project		Sunbalance triple glazing unit (with two Low-E coated panes & argon gas filling), Sunjoule (see-through type photovoltaic system), Twincarbo (polycarbonate heat-insulating, highly weather-resistant, hollow sheet), etc.
Waseda University Nobi-Nobi House A house of several layers		Sunbalance (Argon-filled Low-E double glazing) Carboglass (polycarbonate sheet)

AGC will deliver solutions for environment and energy issues by offering high-performance glass products that contribute to energy conservation and comfortable life/space.



Media Contact

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<Reference>

## <u>Fiscal 2013 Survey and Demonstration Project Concerning Net Zero Energy House</u> Standardization

This is a project held as part of the "Fiscal 2013 Project for Promoting the Introduction of Innovative Energy-saving Technologies for Houses and Buildings" conducted by the Agency for Natural Resources and Energy of the Ministry of Economy, Trade and Industry. The project is aimed at demonstrating and exhibiting ZEH model houses incorporating advanced technologies by inviting a wide range of proposals on the initiatives of universities and private business operators, etc., and is trying to promote relevant technological development and demonstrations with a view to launching advanced ZEH-related technologies on the market.

The consortiums of five universities were adopted for the aforementioned project this time. ZEH model houses will be actually constructed and exhibited, and their performance verified.

http://www.zero-ene.jp/zeh/house/index.html

## **Enemane House 2014**

Under the theme "Houses of 2030," five model houses that propose advanced technologies and new ways of living based on the three concepts of "energy," "life" and "Asia" will be constructed and exhibited through cooperation between universities and corporations.

During the exhibition period, the most excellent ZEH will be decided by a committee, while the "People's Choice Award" will be decided based on the votes of visitors.

http://www.low-cf.jp/eng/index.html

• Date and time: 10:00 - 16:00

Wednesday, January 29 - Friday, January 31, 2014

• Venue: Shinonome temporary parking lot, Tokyo Big Site

(A free shuttle bus will operate from the ENEX hall.)

• Admission: Advance reception unnecessary; no admission fee