



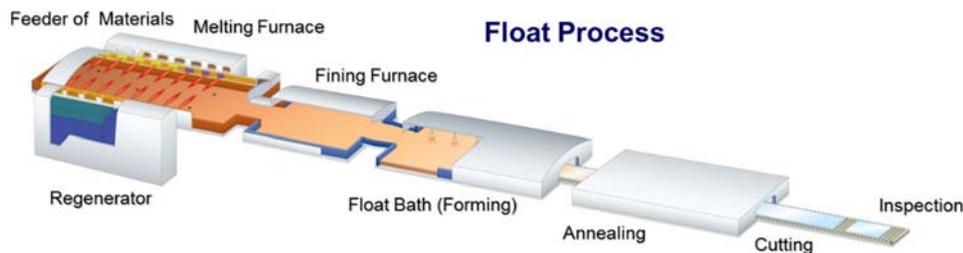
## AGC's "XCV™" substrate for LGPs receives the Display Industry Award

— XCV™ will further be processed into glass LGPs to help popularize LCD TVs with a more stylish design—

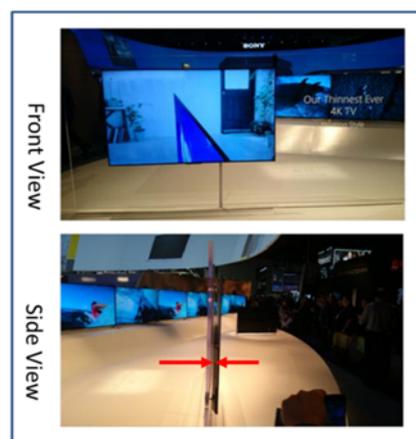
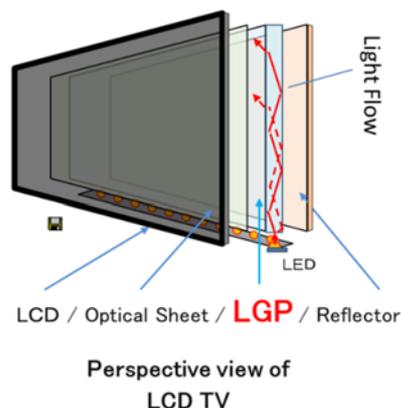
**Tokyo, May 27, 2016**—AGC Asahi Glass, a world-leading manufacturer of glass, chemicals and high-tech materials, (AGC)'s XCV™, a superior glass substrate for light guide plates (LGP) for LCD TVs and displays, won the 21st Display Industry Award (DIA) awarded by the Society for Information Display (SID), which is the world's largest association for the display industry.

Conventional LGPs, made from acrylic resin that offers high transmittance, have problems in terms of physical strength and humidity and thermal expansion. And these have been dealt with by reinforcing the housing structure of TVs and using various structural components to support plastic LGPs. On the other hand, such weaknesses have become restrictions to reducing the thickness of LCD TVs and hindered the realization of products with a more stylish design by narrowing the bezel, or grooved area, as much as possible.

AGC has succeeded in increasing the visible light transmission ratio of glass, which was a major challenge for using glass as LGPs. In addition, AGC has established a mass-production process of XCV™ by adopting its proprietary extra-efficient float process that enables very efficient production of glass with a thickness of 1.5–2.5 mm required for use as LGPs.



AGC's XCV™-based glass LGP features sufficient sturdiness and very low coefficients of humidity expansion and thermal expansion. With these properties, it has enabled production of sleek LCD TVs measuring just 5 mm thin with a narrow bezel, and became the world's first glass LGP to be adopted in mass-production models of a major TV manufacturer in 2015.



<Media inquiries>

Junichi Kobayashi, General Manager, Corporate Communications & Investor Relations Office

AGC Asahi Glass

(Contact: xxxx xxxxx; Tel: +81-3-3218-5603; E-mail: [info-pr@agc.com](mailto:info-pr@agc.com))



AGC will facilitate the introduction and adoption of glass LGPs by applying processing to XCV™ glass substrate for LGPs, such as printing dot patterns onto it, to be marketed as glass LGPs.



TVs are about to change from just being electric appliances for entertainment and information gathering to the stylish centerpiece of an interior, like a painting on the wall or a window offering an excellent view. AGC will drive progress in the TV and display market by expanding sales of XCV™ and glass LGPs.

Under the management policy *AGC plus*, the AGC Group manufactures products that provide *safety, security, and comfort* to society, and creates *new value and functions* for customers. As a pioneer in display components, the Group will continue to promote technical innovations to give products the added value that satisfies customers.

#### <Reference Information>

##### About the AGC Group

AGC Asahi Glass (or also called AGC, Registered Company name: Asahi Glass Co., Ltd., Headquarters: Tokyo, President & CEO: Takuya Shimamura) is the parent company of the AGC Group, a world-leading glass solution provider and supplier of flat, automotive and display glass, chemicals, ceramics and other high-tech materials and components. Based on more than a century of technical innovation, the AGC Group has developed a wide range of cutting-edge products. The AGC Group employs some 50,000 people worldwide and generates annual sales of approximately 1.3 trillion Japanese yen through business in about 30 countries. For more information, please visit [www.agc-group.com](http://www.agc-group.com).

---

#### <Media inquiries>

Junichi Kobayashi, General Manager, Corporate Communications & Investor Relations Office

AGC Asahi Glass

(Contact: xxxx xxxxx; Tel: +81-3-3218-5603; E-mail: [info-pr@agc.com](mailto:info-pr@agc.com))