

AIXTRON and major Asian OLED display manufacturer collaborate on production qualification of deposition technology

Herzogenrath/Germany, April 11, 2017 – AIXTRON SE (FSE: AIXA; OTC: AIXNY), a worldwide leading provider of deposition equipment to the semiconductor industry, received a purchase order from a leading Asian OLED display manufacturer for a deposition system to be installed at the customer site within the second half of 2017. The collaboration targets the qualification of AIXTRON's technology for the production of OLED displays.

Andreas Toennis, Group Head New Technologies at AIXTRON, comments: "With the number of applications for OLEDs steadily growing, this is an important milestone in the commercialization of our deposition system technology. We are looking forward to further improve our systems and processes in close collaboration with our customer."

AIXTRON's deposition system technology offers unique advantages by enabling highest deposition rates, minimizing the risk of degradation of organic material through its STExS (Short Thermal Exposure Source) technology, providing best organic material utilization efficiency as well as excellent thickness uniformity and reproducibility. In combination with AIXTRON's patented Close Coupled Showerhead (CCS) technology, the thin-film deposition of organic small molecules can be scaled to any degree and any substrate dimension. Furthermore, AIXTRON's gas phase transport allows for more precise control of the deposition rates and thus enhanced flexibility in manufacturing complex structures.

About AIXTRON

AIXTRON SE is a leading provider of deposition equipment to the semiconductor industry. The Company was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, United States and in Europe. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound, silicon, or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include LED applications, display technologies, data storage, data transmission, energy management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

Our registered trademarks: AIXACT[®], AIXTRON[®], Atomic Level SolutionS[®], Close Coupled Showerhead[®], CRIUS[®], Gas Foil Rotation[®], Optacap[™], OVPD[®], Planetary Reactor[®], PVPD[™], TriJet[®]

For further information on AIXTRON (FSE: AIXA, ISIN DE000A0WMPJ6; OTC: AIXNY) please visit our website at: www.aixtron.com.

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