

## AIXTRON provides basic technology for satellites

AZUR SPACE relies on AIXTRON technology to manufacture multi-III-V space and concentrator solar cells

**Herzogenrath/Germany, April 11, 2018** – AIXTRON SE (FSE: AIXA), a worldwide leading provider of deposition equipment to the semiconductor industry, is providing the latest MOCVD technology to the German aerospace supplier AZUR SPACE Solar Power GmbH. The AIX 2800G4 series system, with an 8x6 inch configuration, is intended for the further expansion of the production of highly efficient multi-III-V space and concentrator solar cells, which are mainly used in the solar panels of satellites. AIXTRON will deliver the customized system in the second quarter of 2018.

AZUR SPACE has been successfully using AIXTRON's planetary technology for a long time. The AIX 2800G4 system follows the predecessor models of the G3 series and enables the production of 6-inch epitaxial wafers from gallium arsenide (GaAs) on germanium (Ge). AZUR SPACE benefits not only from the outstanding homogeneity of the processed wafers, but also from the economic advantages of the AIX 2800G4 - with maximum throughput and yield combined with the most efficient use of resources, the system sets standards in the semiconductor industry with regard to the lowest cost per wafer.

Jürgen Heizmann, Managing Director of AZUR SPACE, says: "Applications in the aerospace industry have special requirements regarding the longevity and performance of solar cells. AIXTRON's equipment technology delivers this quality. With the introduction of the AIX 2800G4, we have deliberately set a very decisive, long-term course to continue to be able to supply competitive high-performance solar cells for the construction of space satellites in the future".

Dr. Bernd Schulte, President of AIXTRON SE, comments: "Our AIX 2800G4 system has earned an excellent reputation in the semiconductor industry as a reference system for the production of high quality epitaxial layers for GaAs-based devices. We are pleased to continue to support AZUR SPACE as a long-standing customer in the expansion of its production."

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**For further information please contact**

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## **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, 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®, APEVA®, Atomic Level SolutionS®, Close Coupled Showerhead®, CRIUS®, EXP®, EPISON®, Gas Foil Rotation®, Optacap™, OVPD®, Planetary Reactor®, PVPD®, STEXS®, TriJet®

For further information on AIXTRON (FSE: AIXA, ISIN DE000A0WMPJ6) please visit our website at: [www.aixtron.com](http://www.aixtron.com).

## **About Azur Space Solar Power GmbH**

AZUR SPACE Solar Power GmbH is the market leader in Europe and the world leader in the development and production of multiple solar cells, which are used both in space travel and in concentrator photovoltaics on earth.

Founded in 1964 as part of Telefunken, the company developed and produced the solar cells for the first German satellite AZUR, which was launched in 1969. In over 50 years, the company has produced more than 10 million Si and 2 million GaAs solar cells used in over 500 space projects.

For further information, please visit: [www.azurspace.com](http://www.azurspace.com)

## **Forward-Looking Statements**

This document may contain forward-looking statements regarding the business, results of operations, financial condition and earnings outlook of AIXTRON. These statements may be identified by words such as "may", "will", "expect", "anticipate", "contemplate", "intend", "plan", "believe", "continue" and "estimate" and variations of such words or similar expressions. These forward-looking statements are based on our current assessments, expectations and assumptions, of which many are beyond control of AIXTRON, and are subject to risks and uncertainties. You should not place undue reliance on these forward-looking statements. Should these risks or uncertainties materialize, or should underlying expectations not occur or assumptions prove incorrect, actual results, performance or achievements of AIXTRON may materially vary from those described explicitly or implicitly in the relevant forward-looking statement. This could result from a variety of factors, such as actual customer orders received by AIXTRON, the level of demand for deposition technology in the market, the timing of final acceptance of products by customers, the condition of financial markets and access to financing for AIXTRON, general conditions in the market for deposition plants and macroeconomic conditions, cancellations, rescheduling or delays in product shipments, production capacity constraints, extended sales and qualification cycles, difficulties in the production process, the general development in the semi-conductor industry, increased competition, fluctuations in exchange rates, availability of public funding, fluctuations and/or changes in interest rates, delays in developing and marketing new products, a deterioration of the general economic situation and any other factors discussed in any reports or other announcements, in particular in the chapter Risks in the Annual Report, filed by AIXTRON. Any forward-looking statements contained in this document are based on current expectations and projections of the executive board based on information available the date hereof. AIXTRON undertakes no obligation to revise or update any forward-looking statements as a result of new information, future events or otherwise, unless expressly required to do so by law.

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