

February 21, 2024

Zeon Corporation Invests in U.S. Startup Syzygy

Zeon Corporation

Zeon Corporation (Zeon; head office: Chiyoda-ku, Tokyo; President and CEO: Tetsuya Toyoshima), through its venture capital arm Zeon Ventures Inc. (California, U.S.A.; representative: Yoshihiro Kagawa), has invested in Syzygy Plasmonics Inc. (Syzygy), a U.S. startup that develops technology for using light to accelerate chemical reactions. Along with the investment, Zeon will explore opportunities for collaborating with Syzygy.

Syzygy is pursuing the commercialization of light-driven chemical reactors for a cleaner, safer world. The photoreactors under development use light, rather than combustion, in the manufacturing of chemical products. By replacing traditional reactors that depend on combustion, Syzygy's technology offers a pathway to reducing carbon emissions in the production of hydrogen from ammonia, or methanol from CO₂ and methane.

With the aim of accelerating the transition to a sustainable society, Zeon is working with Syzygy to apply its technology in the development of new methods for manufacturing materials for Zeon products. Zeon will also share various assets of the Zeon Group to help Syzygy achieve further growth.

Zeon is committed to contributing to a sustainable society and providing indispensable products and services by investing in and nurturing startups in four key areas (healthcare and life sciences, CASE and MaaS*, telecommunications (5G/6G), and energy conservation) and ultimately realizing a sustainable Earth and safe and comfortable life for people.



Outline of Syzygy

Company Name: Syzygy Plasmonics Inc.
Business: Development of technology for light-driven chemical reactions
Representative: Trevor Best
Address: 3250 South Sam Houston Parkway East, Houston, Texas 77047
URL: <https://plasmonics.tech/>

Outline of Zeon Ventures

Company Name: Zeon Ventures Inc.
Business: Investment in startup companies and other activities
Representative: Yoshihiro Kagawa
Address: 25 Metro Drive, Suite 238, San Jose, California 95110
Investment Scale: US\$50 million across multiple startups
URL: <https://www.zeon.ventures/>

Reference: <https://www.zeon.co.jp/en/news/assets/pdf/220207.pdf> (press release)

*CASE: Connected, Autonomous, Shared & Services, and Electric; MaaS: Mobility as a Service

For more information, contact:
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