

FOR IMMEDIATE RELEASE

Orbital Construction Pioneers and ExoScientific Launch Interplanetary Regen Network (IRN)

New Consortium Advances Bioregenerative Systems, In-Space Construction, and ISRU for Sustainable Human Presence Beyond Earth

COLORADO CITY, Texas / HONOLULU, Hawaii – July 23, 2026 – Orbital Construction Pioneers, Inc. (OCP) and ExoScientific LLC (ExoSci) today announced the formation of the Interplanetary Regen Network (IRN), a multi-party consortium focused on the collaborative development of bioregenerative systems, advanced in-space construction techniques, and in-situ resource utilization (ISRU) technologies to sustain human presence beyond Earth.

Sustainable long-duration human presence on the Moon, Mars, and in cislunar space requires the integration of closed-loop life support, regenerative habitats, advanced construction methods, and the ability to use local resources. No single organization holds all the necessary expertise. IRN brings complementary capabilities together under a focused, commercially oriented framework designed to accelerate technology maturation, enable joint proposals to government and commercial customers, and create practical, scalable pathways for lunar and Mars settlement that strengthen the New Space economy.

By combining ExoSci's expertise in marine-derived bioware and closed-loop ecological systems with OCP's patent-pending orbital fabrication processes and advanced materials, IRN advances integrated life support systems, regenerative habitats, novel composites and structural materials, and technologies optimized for cislunar, lunar, and Mars environments.

"The formation of IRN represents a practical step toward the systems-level solutions required for sustainable offworld presence," said George R. Tyson, CEO of OCP. *"By aligning complementary strengths in bioregenerative systems and advanced in-space construction, we can move faster and more effectively than either organization could alone."*

"IRN is built on the principle that the future of human space settlement depends on regenerative approaches grounded in proven ecological systems," said John E. Parks, Founder and Principal Ecologist at ExoSci. *"We look forward to working with OCP and future partners to deliver tangible capabilities for lunar and Mars missions."*

IRN is structured to welcome additional companies, research institutions, and government-aligned partners. The consortium will pursue joint technology development, shared testing and demonstration campaigns, and coordinated responses to government and commercial opportunities.

About the Founding Members

Orbital Construction Pioneers, Inc. (OCP) is a Texas-based company, built on the foundation of Christ, developing patent-pending orbital fabrication processes and advanced materials for large-scale space structures. OCP enables in-space construction of habitats, storage systems, and adaptable platforms.

ExoScientific LLC (ExoSci) is a Hawaii-based New Space company specializing in marine-derived bioware and closed-loop ecological systems. ExoSci adapts proven Earth ocean ecology principles to deliver engineered aquatic life support, regenerative frameworks, and ISRU planning for sustainable off-world habitation.

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Tagline: Bioregenerative Systems for Our Lunar and Mars Futures

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