

Xeptagon Opens First Office at Port City Colombo, Strengthening Global Climate-Finance Infrastructure



Palinda Attanayake, Co-Founder and CEO, Xeptagon; Dr. Sapumal Ahangama, Co-Founder and Managing Director, Xeptagon; Irandi Panditha, Co-Founder and Director, Xeptagon; Lien Nguyen, Co-Founder, Xeptagon; and Prof. Tuan Phan, Co-Founder and Advisor, Xeptagon.

Xeptagon became the first company to establish an office in the Port City Colombo IT Park. The launch not only reflects growing confidence in Port City as a global business hub but also highlights Xeptagon’s expanding international footprint as a leader in digital climate-finance infrastructure.

The inauguration brought together senior representatives from the President's Secretariat, key government regulators, the Export Development Board, the Port City Economic Commission, and CHEC Port City Colombo. Representatives from the banking sector and leading universities also attended, underscoring broad institutional support for this milestone.

From its new base overlooking the Indian Ocean, Xeptagon will manage a growing portfolio of government, intergovernmental, and Fortune 500 climate-technology projects—extending its role as a trusted technology partner in some of the world's most ambitious sustainability programs.

Engineering the Digital Backbone of Climate Governance

Xeptagon develops Article 6–aligned carbon registries, trading systems, transparency platforms, and climate-finance governance solutions that enable countries and corporations to participate in global carbon markets under the Paris Agreement.

Its platforms allow governments to measure, verify, and trade emission reductions with the accuracy and credibility required by international finance institutions.

At the heart of Xeptagon's portfolio is its work with climate initiatives led by UN agencies and the World Bank, which are scaling national systems to global standards. Among these is support for a major reforestation program in Central Africa—one of the most significant climate-finance projects in the world, valued at nearly USD one billion. The initiative supports six Central African nations in protecting forests and reducing emissions from deforestation and land-use change. Each transaction, validated through automated monitoring and reporting tools, ensures that climate funds reach the right recipients, backed by verifiable data integrity.

"Governments need systems they can trust," said Dr Sapumal Ahangama, Co-Founder of Xeptagon. "Each verified emission reduction must be traceable, measurable, and internationally recognised. Our platforms bring that transparency to some of the most complex climate-finance ecosystems in the world."

Partnering with Governments and Global Institutions

Beyond Central Africa, Xeptagon is implementing national carbon registries and

transparency frameworks across Asia, Africa, and South America. These platforms enable ministries of environment and finance to track national emissions, manage climate portfolios, and report progress toward nationally determined contributions (NDCs). The company's systems are designed for interoperability, connecting seamlessly to global registries and international reporting mechanisms. Through its collaborations with UN-affiliated programs and the world's largest climate funds, Xeptagon is strengthening countries' ability to attract results-based finance, blending public trust with digital accountability.

"We don't just deliver software; we strengthen institutions," Palinda Attanayake, Co-Founder of Xeptagon noted. "In every project we deliver with global agencies, we transfer technical knowledge and operational ownership to local governments, ensuring sustainability long after project completion."

Extending Innovation to Carbon Markets

Drawing on its public-sector expertise, Xeptagon is also helping the private sector transition to low-carbon markets through strategic partnerships that bring technology, finance, and sustainability together. In Korea, the company is developing a next-generation carbon exchange in collaboration with a local partner, seed-funded by SK Securities, one of the country's largest financial institutions. The platform will serve as a regional marketplace for verified carbon credits, combining regulatory-grade infrastructure with advanced digital trading capabilities.

Xeptagon's private-sector innovation is underpinned by its collaborations with some of the world's most recognised institutions. The company has partnered with Schneider Electric, a global leader in energy management and automation, to integrate real-time emission estimation tools into its carbon market platforms—enabling corporates and financial institutions to align their investment portfolios with verifiable decarbonization outcomes.

Through its partnership with the Hedera Foundation, Xeptagon has adopted distributed ledger technology to enhance the transparency and immutability of carbon market transactions. Using Hedera's high-speed, low-energy blockchain network, Xeptagon ensures that every credit transfer and registry update is securely recorded and tamper-proof, adding a new layer of trust to global climate data systems. Complementing these technology alliances, Xeptagon also collaborates with one of the world's Big Four consultancies to align its infrastructure with evolving regulatory and compliance standards for environmental reporting and

sustainable finance. This partnership bridges climate policy and assurance, ensuring that Xeptagon’s systems meet both the technological and governance requirements expected by institutional investors and international regulators.

Together, these collaborations position Xeptagon at the intersection of technology, governance, and finance, developing integrated solutions that enable markets and governments alike to operationalize the low-carbon transition with credibility and confidence. The firm

Hong Kong and Colombo: Dual Hubs for Global Operations

With its engineering base in Port City Colombo and financial and innovation operations at Cyberport Hong Kong, Xeptagon bridges the gap between developing-country innovation and advanced-market finance. This dual presence enables the company to tap into both the deep technical talent of South Asia and the extensive financial networks of the Asia-Pacific region.

“Hong Kong has become Asia’s financial hub for green technology,” observed Professor Tuan Q. Phan, Co- Founder and Advisor at Xeptagon, and Associate Professor at the University of Hong Kong Business School. “By connecting public-sector systems from emerging markets with capital from global financial centres, Xeptagon is building the digital foundation for the next phase of climate finance.”

Recognition on the Global Stage

Xeptagon’s leadership in climate-finance technology has earned recognition across international platforms. The company was selected for the Accenture FinTech Innovation Lab Asia-Pacific 2025, joining a select cohort of fewer than 400 start-ups globally mentored by leading financial institutions such as HSBC, Accenture, and Cyberport Hong Kong. It was also ranked among the Top ten Global Finalists in the Digital Public Infrastructure (DPI) Innovation Challenge 2025, organized by the Japan International Cooperation Agency (JICA) and the Boston Consulting Group (BCG). Selected from more than 500 submissions across 70 countries, Xeptagon’s proposal—integrating Sustainable Development Goals (SDGs) into carbon accounting—was commended for merging environmental, social, and governance (ESG) data into a single transparent framework.

Partnerships and the Road Ahead

Xeptagon’s global expansion is supported by collaborations with a Big Four consultancy, global corporates such as Schneider Electric, and intergovernmental organisations leading climate-finance initiatives. Together, they are setting new standards for transparency, interoperability, and data security in climate-market infrastructure. The company’s next phase will focus on scaling AI-driven analytics, enhancing real-time climate-data verification, and linking registries and exchanges into an interconnected digital ecosystem.

“The credibility of global carbon markets depends on trusted systems,” said Dr Ahangama. “From forest conservation in Africa to carbon exchanges in Korea, Xeptagon is building the infrastructure that makes climate finance measurable, transparent, and globally connected.”

From its first operational base at Port City Colombo, Xeptagon is driving the transformation of climate finance— enabling governments, investors, and institutions to move from commitments to verified climate action, one digital transaction at a time.



At the opening event of Xeptagon’s office in Port City Colombo IT Park.