

OculloSpace is Weaving Memory, Science, and Global Connection in the Cosmos with the soft launch of Elephant Juice

by Gunaprasath Bupalan

KUALA LUMPUR, WILAYAH PERSEKUTUAN, MALAYSIA, May 13, 2025 /EINPresswire.com/ -- In line with the soft launch of "[Elephant Juice](#)", in an exclusive interview from their Malaysian headquarters, CEO Mohd Zahiruddin Bin Mohd Tohir articulated [OculloSpace](#)'s inspiring vision and ambitious projects, positioning the company at the intersection of cutting-edge space technology and profound human values. From its foundational aspiration to groundbreaking initiatives like Elephant Juice, OculloSpace is meticulously crafting a unique trajectory within the burgeoning space industry, characterised by a harmonious blend of technological innovation, deep-seated commitment to human connection, the vital cause of cultural preservation, and an unwavering dedication to global outreach.

OculloSpace was conceived with a clear and potent objective: to instigate a significant revolution within the space sector. This ambition is driven by the desire to enhance global connectivity, serve as a catalyst for pioneering scientific exploration, and champion



Mohd Zahiruddin Bin Mohd Tohir.



OculloSpace Founder, Dr Franco Gan in his extensive travels, signing MoUs to assist this mission.

the development and adoption of sustainable space technologies.

Founded by the visionary Dr Franco Gan, the company embarked on a resolute mission to engineer and deliver space infrastructure solutions that are not only dependable and scalable but also inherently sustainable, thereby making tangible contributions to both economic growth on a global scale and the relentless march of scientific advancement.



Over the course of its evolution, OculloSpace's overarching vision has progressively broadened, embracing a more inclusive and democratising ambition – to transcend traditional barriers and

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OculloSpace CEO, Mohd Zahiruddin Bin Mohd Tohir.

render the realm of space genuinely accessible to all segments of humanity. This significant evolution is clearly manifested in the company's burgeoning portfolio of educational initiatives, its expanding array of commercial space services, and the forging of strategic alliances with some of the most prominent and influential players in the contemporary space domain, including industry giants such as Voyager Space, Nanoracks, and the esteemed National Aeronautics and Space Administration (NASA).

Furthermore, OculloSpace's comprehensive long-term strategic roadmap extends beyond the conventional

confines of purely technical innovation. It encompasses proactive public engagement strategies through the development of planetariums and related merchandise, rigorous exploration into the feasibility of employing sophisticated [DNA](#) encoding techniques for long-term data storage within the unique environment of space, and the strategic development of a state-of-the-art space and rocket launchpad facility strategically located within the ASEAN region.

This multifaceted approach underscores a significant paradigm shift, moving beyond a singular focus on technical prowess towards a more holistic and globally impactful approach to space exploration and the cultivation of a vibrant and inclusive space ecosystem.

At the very core of OculloSpace's operational philosophy lies a delicate yet meticulously maintained equilibrium: the harmonious coexistence of its profound mission dedicated to the preservation of memory and the vast spectrum of potential applications spanning both the scientific and commercial domains. Zahiruddin eloquently articulated this intrinsic synergy,

stating with conviction, "That balance is actually at the very heart of everything that we undertake at OculloSpace. With our ambitious Elephant Juice mission, we are engaged in far more than simply launching technological hardware into orbit—we are, in essence, launching meaning itself. The fundamental inspiration that underpins this project stems from a deeply ingrained and universally shared human desire: the innate yearning to leave behind a lasting legacy, to be remembered by those who follow."

The groundbreaking Elephant Juice mission serves as a powerful and tangible embodiment of this intricate convergence. By ingeniously harnessing the unique properties of synthetic DNA as a sophisticated medium for data storage, OculloSpace is undertaking the profound task of preserving personal messages in a manner that is simultaneously deeply symbolic, inherently emotional, and remarkably enduring, effectively transcending the limitations of conventional archival methods.

This ambitious initiative, however, is not solely rooted in abstract concepts; rather, it is firmly anchored in the solid bedrock of rigorous scientific principles and the rapidly expanding landscape of commercial potential within the burgeoning space economy.

The innovative field of DNA data storage, widely lauded for its extraordinary data density and exceptional long-term durability, represents an area of escalating interest within both the scientific and commercial communities. By meticulously conducting rigorous testing of its viability and resilience within the challenging environment of Earth's orbit, OculloSpace is actively exploring its transformative potential for the secure and long-term archiving of critical information in the unique conditions of space—an application that holds clear and substantial commercial value for a diverse range of sectors, including finance, national defence, and cutting-edge scientific research.

What truly distinguishes the Elephant Juice mission from other space-based endeavours is its remarkable capacity to seamlessly intertwine the profound emotional weight of individual personal narratives with the rigorous demands of cutting-edge biotechnology and the practicalities of space resilience experimentation, all meticulously contained within the remarkably accessible and compact format of a PocketQube satellite.

This emphasis on accessibility is of paramount importance to OculloSpace, as the company actively seeks to engage students, educators, and non-governmental organisations—with a particular focus on those within the dynamic and rapidly evolving Southeast Asian region—in this transformative journey, whether through direct participation in the mission itself or by directly benefiting from the educational programmes that the mission's activities help to fund and sustain.

In his insightful commentary, Zahiruddin astutely observed that the Elephant Juice project represents a potent and compelling convergence of deeply personal legacy, pioneering scientific exploration, and forward-thinking commercial innovation, effectively demonstrating that the

seemingly disparate goals of honouring the past, actively engaging with the present, and diligently building towards a more promising future can indeed be harmoniously achieved within the framework of a single, profoundly impactful mission.

Visit www.ocullospace.com to find out more.

About OCULLOSPACE

OCULLOSPACE is dedicated to cultivating the next generation of space technologists across the ASEAN region. We achieve this through immersive, project-based learning initiatives, equipping students with essential skills and fostering pathways to meaningful careers within the space sector. Our pioneering "Elephant Juice" mission exemplifies this commitment, offering a unique opportunity to encode personal narratives into DNA and launch them into Earth orbit, creating enduring legacies within the cosmos.

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