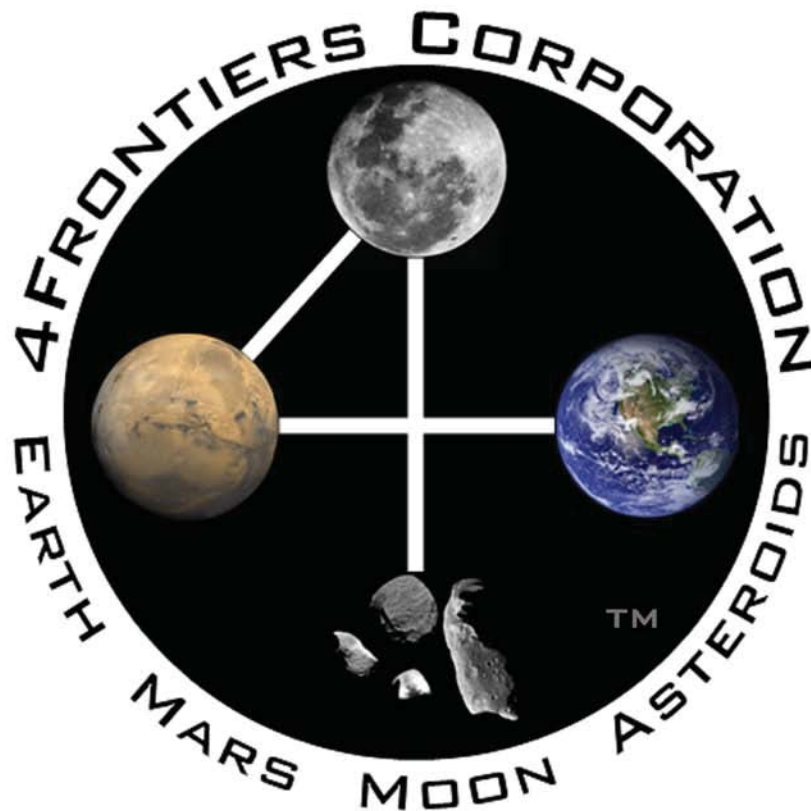


EXECUTIVE SUMMARY



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Overview

4Frontiers Corporation is a space technology, entertainment, and education company founded in 2005 and incorporated in the state of Florida. Its structure and business plan are ideally suited for a leadership role in the rapidly expanding \$300B space economy. The company's primary technical focus is on developing and leveraging proprietary and licensable technologies required for long-duration human operations, extra-terrestrial resource recovery, and ultimately, a settlement on Mars. These development goals will be supported in the near-term by Earth-based enterprise aimed at profitability, including terrestrial technology applications, informative entertainment, and education.

4Frontiers views the space frontier as an extension of the Earth's economy and as an emerging market with staggering potential. The name 4Frontiers refers to the four current and upcoming space-based economic frontiers- Earth orbit, Moon, Mars (including the Mars system), and Asteroids. The company foresees significant business opportunities resulting from the convergence of public and private activities in these inner solar system domains.

4Frontiers recognizes that space related informative entertainment and tourism are key early markets that will provide the necessary profits and technology to reduce space entry barriers. The company is creating seed infrastructure with technical, entertainment, and education capabilities, enabling it to translate developments in the space frontier into fascinating and exciting entertainment ventures (reality TV, theme park, movies, books, merchandise, websites and more). These maturing capabilities are growing related spin-off enterprises that focus on specific, profitable business opportunities.

4Frontiers has assembled a distinguished team from around the world to build infrastructure, establish key partnerships, and strive for a leadership position in this emerging four-frontier economy. Its team includes experts from MIT, Stanford, Colorado School of Mines, University of Florida, Embry-Riddle Aeronautical University, NASA, and other institutions. The 4Frontiers management team is well seasoned with large-scale commercialization experience. The company's team members, consultants, advisors and their network serve as a capable think-tank, leveraging their diverse backgrounds and experience to develop innovative solutions to the company's challenges, while also providing access to key technical capabilities required to execute the company's projects.

4Frontiers intends to become the premier Mars technology company and ultimately establish the first permanent, economically viable settlement on Mars. The company understands that such a challenge can only be achieved through multiple, carefully planned steps, so its five-year business plan concentrates on establishing a firm foundation in core technology and early revenue from which it will build a corporate presence in space over the next decade. The five-year plan includes three business segments:

- **Informative Entertainment** – Generates early, high-confidence revenue while communicating the company message and seeding new markets. This segment has high spin-off potential and creates an essential link between the public, private-sector space ventures, education, and exciting developments in both Mars settlement technology and the space frontier.
- **Research and Product Development** – Establishes ownership or control of core technologies necessary for long-duration human presence in space, with minimal investment of Earth resources. A multi-generation development strategy combines both technology and economics in a continually advancing program. Individual projects are chosen for best profit and spin-off potential (Examples: Analog habitat design, high efficiency energy generation, life sciences related to terrestrial health improvement, in-situ resource utilization, and material refining technologies).
- **Consultancy and Teaming** – Exploits the company's knowledge base to assist new space companies, key manufacturers, government agencies, and contractors who use similar technologies and wish to participate in the new space economy (Examples: Orbital resort ventures, product manufacturers, both industrial and residential).

Most of the company's early sustaining revenue comes from contracts related to opening and operating a technically correct, full scale Mars settlement attraction in a lucrative U.S. tourist market. The related facility will serve as a development test bed for technologies while showcasing the latest innovations in its informative entertainment center. The center will form the core of a profitable spin-off company focused on real science based space frontier attractions and education while providing a public forum for the company's Mars experts.

4Frontiers first public announcement in September 2005 was carried by over 160 global news outlets. Public engagement is currently progressing through periodic press coverage as well as interactive websites (250,000 hits per month) that feature the latest information on 4Frontiers development activities, an entertaining education section for children and educators, and a web-store with related products.

Long term, 4Frontiers intends to drive, and to profit from, new markets created by the four-frontier economy. Beyond 2011, the company plans active involvement in robotic space surveys, sample return missions, space tourism ventures, and ultimately human missions that support future habitation and material-recovery markets.

The Space Economy is Here!

World economic activity related to space totaled \$300 billion in 2012 (ref. Space Foundation) and has been growing at 16% annually over the last 10 years. Currently, about 80% of that activity is focused on communication systems in Earth orbit, but that ratio is predicted to change in the near future.

Several companies are aggressively developing Earth launch capabilities to support multiple applications, including commercial travel and exploration of new space domains. Starting in the next decade, economically viable commercial launchers will enable potential export of thousands of tons into Earth orbit, offering additional opportunities and expansion for business and government efforts. 4Frontiers is positioned to participate in this market in the near term through consulting, creating new intellectual property (IP), supporting current efforts (e.g., the US Vision for Space Exploration and private space tourism ventures), and developing Mars and asteroid probe capabilities.

4Frontiers believes that the four frontiers (Earth orbit, Moon, Mars, and Asteroids) represent as yet undiscovered and highly profitable markets. For example, both asteroids and Mars can provide a large variety of raw materials to Earth, Earth orbital, and lunar facilities at significantly lower cost compared to sourcing such materials via Earth's gravity well. 4Frontiers mining efforts will be synchronized to the growing economy as new technologies evolve. These new technologies could include high efficiency space transportation and spaced-based mining and refining innovations. Such technologies would allow access to a much larger pool of mineral rich asteroids, although our strategy does not depend solely on such breakthroughs. Through broad space-related patents, industry contracts, and experience gained implementing and demonstrating technologies, 4Frontiers will strive to become a leading provider of space facilities and other space infrastructure over the next decade.

Business Strategy

Human beings are driven by challenge and accelerated progress is common under harsh or competitive conditions. The old American west and now, the new space frontier, are prime examples of frontier driven forces leading to new industries and accelerated growth. In fact, the challenge to survive in a frontier environment is a much more stringent judge of merit, which leads to greater innovation than the more failure prone "big man" initiatives driven by "visionary" individuals. 4Frontiers has designed its business strategy for the frontier by incorporating a broad portfolio of "business experiments" that are run through a system of strict metrics, designed to nurture and grow successful business ventures into fruition...and to ruthlessly prune unsuccessful ones.

The 4Frontiers five-year business plan first creates the foundation for a leading space frontier enterprise by firmly establishing initial core technologies, internal technical and management capability, positive public perception, essential strategic relationships, and profitable posture. The plan includes three initial business segments - Informative Entertainment, Research & Development, and Consultancy. Initial startup revenue is generated by consultant contracts, research grants, and educational product lines which are supported by an interactive website and associated web-store.

The Informative Entertainment business segment is an incubator for a related spin-off company (NewSpace Center, LLC) that generates early sustaining revenue through the opening and operation of a technically correct, full scale Mars settlement attraction in 2016. This entertainment and development center will open in a lucrative U.S. tourist market and showcase the latest 4Frontiers innovations. It is the essential social element that creates and expands upon a substantive, reality-based space information, education, entertainment, and tourism market. The center will also provide a high profile public forum for 4Frontiers technical specialists, latest products and innovations.

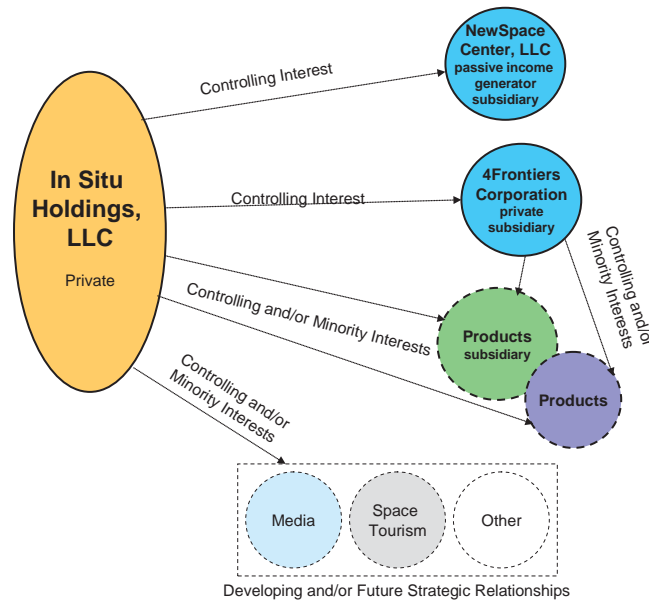
4Frontiers employs a multi-generational development effort for strategic long term habitation, while product development projects are focused on specific technologies created or developed through the Research & Development business segment. The company's product development efforts focus on profitable technologies that are intended to seed new and profitable spin-off businesses.

The 4Frontiers Consultant business segment provides a dual benefit. First, it generates revenue by using the company’s knowledge base to assist new space companies, key manufacturers, government agencies, and contractors who use similar technologies and wish to participate in the new space economy. Second, it provides a fertile environment to expand the 4Frontiers network and create new business opportunities through cross pollination of people and ideas. The company is actively involved in creating strategic partnerships with media, space tourism, and other entities by virtue of the relationships established through this business segment.

4Frontiers is organized as a transitional business poised to pursue near-term contracts and other opportunities in a variety of space and other industry sectors. 4Frontiers has assembled a distinguished staff, has a number of activities underway, and is seeking corporate, government, private, institutional, and international partners to expand operations and participate in near term initiatives. As technology advances towards Mars, so will 4Frontiers through strategic business relationships involving technologies common to NASA, as well as other governmental programs and privately funded ventures.

4Frontiers' goal is to enter into value-added strategic partnerships, joint ventures, and related transactions to grow rapidly (approximately 25% per year) across all sectors. The company’s first private placement offering in April 2007 brought total debt and equity capital raised to date to over \$500,000. A spin-off venture (NewSpace Center, LLC) based on a \$70M Mars-themed informative entertainment destination has started related planning in 2009.

4Frontiers forms the initial corporate foundation of a targeted business portfolio that is ideally suited to pursue and execute business in the expanding economic and technical frontiers of space. The figure below illustrates planned relationships between 4Frontiers, spin-off companies, and associated enterprises. 4Frontiers intends to complete a restructuring process in 2010 to allow creation of the below structure.



Corporate Structure
Revision 6/20/08

4Frontiers will maintain its role in technology development and in seeding new products and ventures as the business grows. Spin-off ventures such as NewSpace Center, LLC and product manufacturing operations will be formed and operated as separate entities where appropriate.

Overall strategic coordination and global business development related to the technology roadmap, new ventures, and spin-off enterprises will be handled by a In Situ Holdings, LLC, an entity created for, and dedicated to, guiding the combined enterprise forward. In Situ Holdings, LLC will focus on the overall path to long term habitation in space, strategic opportunities related to the expanding space economy, and ultimately a settlement on Mars.

After the initial five years, 4Frontiers will begin to pursue space mission business opportunities. Focus of business activities will shift to those related to actual long-term space and preparatory Mars habitation projects in the context of the growing four-frontier economy. Space tourism and other ventures having good profit potential and return will receive highest priority. Activities will include orbital and lunar space tourism projects, detailed design and mission planning of a growth-oriented first Mars settlement, and participation in a robotic Mars or asteroid survey mission that validates critical design parameters. 4Frontiers will eventually begin detailed planning for material recovery from Mars and its moons in support of Earth orbital and lunar development. The company's current multi-generational approach to Mars habitation and resource recovery infrastructure will continue to advance.

Management Team

4Frontiers's management team, associates and advisors are individuals with demonstrated leadership, vision, technical expertise and business experience. Brief biographies follow; more comprehensive information is available on the corporate website.

Mark Homnick - CEO, COB and co-founder of 4Frontiers. BSME Penn State University and has over 20 years technical, management and commercialization experience with AT&T and Intel. Published extensively on high purity fluids and led the Generation I Mars settlement programming study, which developed design concepts for the first permanent Mars settlement.

Joseph Palaia - Co-founder of 4Frontiers. BSEE New Jersey Institute of Technology and MS in Nuclear Engineering from MIT. Brings expertise in translating technical designs to the IP arena.

Frank Crossman, Ph.D. - Advisor. Ph.D. Material Science Stanford, 33 years with Lockheed Martin, served as Director of Material Science at its Advanced Technology Center, responsible for polymer material refining & manufacturing,

Selected Associates

April Andreas, Ph.D. – Systems Engineering and Processes; simulation modeling and analysis

Thomas Baird – MS Science Education; professional science educator and consultant, 35 years experience curriculum design, policy guidance

Sheryl Bishop, Ph.D. – Social Psychology; researcher in crew psychology, group dynamics, habitat psychological factors

Grant Bonin – BS Aerospace Engineering; multiple aerospace publications

Ben Bova – Distinguished science fiction author, President Emeritus of the National Space Society

Michael Busch – BS Physics/Astronomy, Caltech graduate student in planetary science, expert on asteroid science

Michael Carroll – Distinguished space artist and illustrator

Damon Ellender - MEngSc Mechatronics; instrumentation & controls, sensors, robotics and automation

Brian Enke - MS Comp Sci; space systems developer, published science fiction author.

John Graham – Prior director of the American Nuclear Society and senior scientific officer UK Atomic

Energy Authority, 50 years of scientific and management experience in the nuclear & safety industries.

Vernon Kramer – MS Geology, BS Mining Engineering; 30+ years of extensive mining exploration experience and expert on distribution, recognition, origin of minerals.

Roshanak Nilchiani, Ph.D. – Aerospace systems; expert on space systems design.

Nathan Owen-Going, Ph.D. –Environmental Biology/Plant Pathology, greenhouse & controlled environment systems

Joseph Palaia, III – BS Civil Engineering + 30 years industry experience; Water, wastewater and waste management.

James Pass, Ph.D. – Sociology, published expert on social construction of societies in space

John Pearson - HND Applied Physics & Electronics; expert on well drilling and large field development

Georgi Petrov - MS Civil Eng., MS Architecture; Mars architectural, civil and structural concepts

Pablo Rivera Jimenez – Oceanologist; expert in aquaculture & commercial fish farmer

Debi-Lee Wilkinson – MS Physics; expert in atmospheric science and remote sensing

Business & Legal

Cary Ross, Esq. - 4Frontiers Attorney

Advisors

Buzz Aldrin, Ph.D. - Astronautics, MIT; expert in orbital mechanics

Ray Bucklin, Ph.D. – Professor Agric. Biol. Eng., Univ. of Florida; space agriculture and greenhouse structures

Chris Carr, Ph.D – Medical Physics, MIT; space suit design, locomotion

Marco Chacin – MS Electronics & Control Engineering. space robotics

Michael Duke, Ph.D. - Doctorate in Geochemistry; material refining processes

Anita Gale – Systems Engineer, Space Shuttle; AIAA Space Colonization Technical Committee

Chris McKay, Ph.D. - Space Science Division, NASA Ames

Jane Poynter – Biosphere 2 participant, expert in biological and ECLS systems.

James Waldie, Ph.D. – Aerospace engineering; expert in mechanical counter-pressure suit design

Larry Young, Ph.D. - Apollo Professor of Astronautics, Life Sciences, MIT