Master Plan

ROADMAP TO AN INTERSTELLAR FUTURE POWERED BY ATLES.

By : Hardik Rao, Founder & CEO | Sep 03, 2024

ATLES

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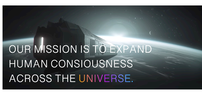
Our Mission

Send 01 million humans to space



The Company

We firmly believe that humanity must venture outside earth to grow consiousness in the universe. The most meaningful impact achievable right now is by developing space technologies.

With fundamental leaps in AI & robotics, finally we can set the course for humanity's journey to the stars.

Atles's Goal : Develop general purpose green spaceships to ferry humans to space & beyond, catering to every space enthusiast, every sci-fi fan, every adventurer, every artist, every scientist, every naturist, every lover, every dreamer & every child who ever looks up to the night sky & wonders…in the safest & most luxurious manner possible by current standards.

The space industry is nascant, Atles is here for the long run & it requires an all-star team,considerable resources & serious engineering innovation, aligned with militaristic approach to achieve mass market impact. The risks certainly outweigh the chances of success, however if we achieve our potential, we will emerge as the leader in the space tourism industry.

The Present

Today, we are seeing unprecedented space innovation. With 1.8 trillion USD already estimated by 2035, the new space race between US,China, India, EU & Japan, both private & state companies alike, are vying for space glory,resources & control, making it the golden revival period of the space industry.

Yet, if one dives deeper, the story is quite empty, just like space.

majority of space missions, even crewed, are scientific operations, programs designed to break thresholdes & learn new science, carefully conducted and meticulously planned, in no way can it be called tourism.

Some private companies disguise this experience & sell exhoberently priced tickets to super wealthy clients, who often have buyer's remorse in minutes, for the short & frankly punishing experience, yet they endure it all with a smile for the clout & prestige of being called an astronaut, of sorts.

In today's space travellers defence, i'e the few rich people willing to risk it,

this is the space tourism market of 2025 =

short. dangerous. expensive. inefficient. superficial

The Possibility

Thankfully, we are in the fourth industrial revolution. Recent AI & material science advancements present a unique opportunity to substantially increase our presence in space.

As automation continues to advance the human life, we predict a space travel that is both carbon neutral, and safer than current airplanes. The Off-world economy will very soon 10x its current deployed capital, with the major share being allocated to create scientific & industrial systems & a small share will proceed towards commercial human space travel.

This is where precisely Atles has identified potential business opportunities, a green monopoly, powered by ai & alternative energy resources to pioneer the green space tourism industry, making it the preffered choice for all future space travellers.

We believe our gas powered spaceships will revolutinize the space tourism industry at first, and as we reach some key technological breakthroughs & achieve economies of scale, our blueprint guides us to remagine global logistics,tourism, data storage & industrial manufacturing.

The Solution

Atles proposes to solve space tourism, with products that are mindful to our environment & cater to human needs in space.

unlike current space companies, we believe trust & safety are key for prolonged space travel interest. We are not burning rockets or pulling dangerous production cycles, nor are we using precious fossil fuels to achieve our mission.

Atles is not in a race to reach the stars, we want our customers to have upmost safety & luxury on their space trips.

We aim not to be the biggest or fastest, instead we choose to be the sturdiest.

Atles intends to be the most bankable name in the space tourism industry.

HOW CAN WE DO IT

In my 15 years of studying & using technology, i have never seen a bigger potential market, with the opportunity to completely transform planet earth as we know it. with significant technological advancements, we can unlock a future that is truly awe-inspiring, our team is focused to achieve these substansive leaps in those advancements. they include :

System Hardware : Our team is designing a fully autonomous spaceship,powered by hydrogen plus & 100% electrical systems, making it the most environment-friendly space vehicle ever. the goal is to build the best product for the space tourism market. we are measuring this in terms of tonnage,space,speed, safety & cost, each improving with rapid cycles of

Gas Propulsion : we are aiming to reduce individual flight cost through the use of reusable hydrogen filled envelopes, effectively cutting jet fuel costs & adding desirable flight trajectory, uncomparable flight quality & zero emmissions.

Safety : It's essential our systems are crash, hack & attack proof. we have solved this by adding hundreds of built-in redundancies & multi layered fail-proof systems. Our testing standards are the new benchmark of this industy's safety regulations & requirements.

Low Volume Manufacturing : We forsee not only the need to deliver a high quality product,but to deliver exceptional maintanance & service with it. In a world where most tech companies are burning capital aiming volume manufacturing, atles's edge is limited production. In-house parts production & specialised servicing teams, help us remain operational & self-reliant, keeping our systems functioning at top condition in any scenario.

We anticipate a steep learning curve as we exit prototyping and enter manfacturing. We are preparing for this by being thoughtful about design for manufacturing, system safety, reliability, quality & other production planning.

Artifical Intelligence : Building ai system for flight controls, complex & unstructured real-space environments, and system security is one of the hardest problems we need to tackle long-term. Our approach is building embodied agents interacting with flight control, hardware & safety systems.

Conclusion

In summary, here is the first phase of our master plan :

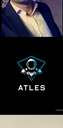
01 BUILD A FULLY AUTONOMOUS GAS POWERED SPACESHIP

02 PERFORM HUMAN FLIGHTS , GET REGULATORY CLEARENCE

03 COMMENCE COMMERCIAL OPERATIONS

We have a once in a humanity-time opportunity to make us a space faring civilization.

let's not squander it.



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THE POTENTIAL OF OUR FUTURE LIES IN SPACE EXPLORATION