Robocentric™

AI, Robotics, Biotech, and Nuclear-fusion Tech

About Robocentric

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About Robocentric

This document specifies Robocentric's main business interests, intents, pursuits, and commitments. As of now, in 1 June 2023, Robocentric is in its pre-product startup phase, and yet has launched-and-available tech products and patents; Allen Young, Robocentric's founder, is currently the only person working for Robocentric; Allen Young will continue to work on building Robocentric with a multidecadal commitment, according to his plan specified in this document, and his published books such as *The Future: How artificial intelligence, robotics, human body biotech, and mass-scale outer space tech will alter the human reality*.

1 June 2023
By Allen Young

Advance AI, robotics, human longevity biotech, and nuclear-fusion powered outer space tech. Double the American national GDP to US$50 trillion via advancing AI and robotics and robotizing the American national economy on Earth. Sextuple the American national GDP to US$150 trillion on Earth and in outer space, via advancing the science, technology, capitalism, and economy of AI, robotics, human longevity biotech, and artificial nuclear-fusion reactors powered mass scale outer space humanity expansion tech. Sextuple the American national GDP in less than 50 years by achieving and sustaining 4% or higher average annual growth of the American national GDP on Earth and in outer space—via **advancing AI, robotics, human longevity biotech, and nuclear-fusion reactors powered outer space tech**.
— Robocentric mission

Robocentric is a high-tech R&D and marketing business led by Allen Young, an Asian-American researcher, inventor, and entrepreneur.

Robocentric's sole concern is creating the future of humankind that will be filled with the brand-new human possibilities, promises, and prosperities that are enabled and provided by the advances in AI, robotics, human longevity biotech, and artificial nuclear-fusion reactors powered mass scale outer space humanity expansion tech.

Robocentric completely focuses on developing, patenting, productizing, commercializing, marketing, and selling its own artificial intelligence tech, robotics tech, human longevity biotech, and nuclear-fusion reactors powered outer space tech that it envisions and pursues to realize.

Robocentric completely focuses on creating the future sciences and technologies and capitalisms that it envisions and pursues, on marketing its own future technologies, on building the future economy of humanity that it envisions and pursues, and on creating humanity's future growth and expansion enabled by its advances in AI, robotics, biotech, and nuclear-fusion tech, on Earth and in outer space.

Robocentric completely focuses on creating the brand-new future human reality and economy on Earth and in outer space that it envisions and pursues via advancing its AI, robotics, human longevity biotech, and nuclear-fusion reactors powered outer space tech.

Robocentric incessantly toils on advancing AI, robotics, human longevity biotech, and nuclear-fusion reactors powered outer space tech with a multidecadal commitment—until accomplishing its mission and realizing its vision of building the humanity that is filled with AI, robotics, human longevity biotech, and nuclear-fusion reactors powered mass scale outer space humanity expansion tech.

Robocentric advances technology for advancing humankind—via AI, robotics, medical and industrial and consumer biotech, and nuclear-fusion reactors powered outer space tech—to enable humans to use and experience and enjoy brand-new technologies, and to create brand-new human economies in which humans produce and consume far more than ever before on Earth and in outer space.

Robocentric develops, patents, productizes, commercializes, and markets its own technologies to the uttermost extremes—in AI, robotics, biotech, and nuclear-fusion reactors powered outer space tech.

Robocentric ultimately develops, patents, productizes, commercializes, and markets its own technologies to further the human interests.

In particular, Robocentric is deeply interested in and committed to creating brand-new human jobs, experiences, and realities on Earth and in outer space, via advancing AI, robotics, biotech, and nuclear-fusion reactors powered outer space tech.

Robocentric adheres to its human support policies when advancing and commercializing its technologies, with human worker support, human family support, human elder support, human health support, human economy support, human environment and infrastructure support, and Earth and outer-space humanity growth and expansion support. Robocentric develops and implements its own initiatives for implementing these policies.

Robocentric develops and pursues its own qualitative and quantitative goals to achieve, such as a human jobs creation plan with the numbers of human jobs to create and the human-jobs creation strategies.

1. Robocentric's Current Focus

Robocentric's current focus is completing, patenting, and launching—within the next few years or in less than a couple of years—its first visual AI and robotics software products and business models that Allen Young—the Robocentric founder and CEO, an Asian-American researcher, inventor, and entrepreneur—has been developing for nearly two decades since the mid AD 2000's.

2. Robocentric AI and Robotics

Robocentric develops, patents, productizes, commercializes, and markets its own ubiquitous and pervasive AI and robotics technologies for increasing the human production and consumption in the industrialized nations on Earth and in outer space.

Robocentric's multidecadal long-term goal in AI and robotics is creating the AI-powered and robotized American national economy with 360 million factory-worker robots, and 40 million factory-worker-robot manager human workers, in America, and with 500 million service-worker AI units and robots, and 60 million service-worker AI and robot user and manager human workers in America.

Robocentric works on increasing both the human production and consumption via advancing and commercializing its AI and robotics software and hardware technologies.

2.1. Robocentric AI and Robotics Major Goals

Robocentric pursues universalizing AI and robotics in America and elsewhere in the First World.

Robocentric pursues creating 360 million robot factory workers, and 40 million factory-robot manager human workers in America.

Robocentric pursues creating 500 million service-worker AI units and robots, and 60 million service-worker AI and robot user and manager human workers in America.

Robocentric pursues doubling the American human worker creativity and productivity, and higher, via advancing AI and robotics, on Earth.

2.2. Robocentric Core AI and Robotics

Robocentric develops, patents, productizes, commercializes, and markets its own core AI and robotics software and hardware technologies that imitate and replicate the human capabilities to the maximum extent possible, for enabling humans to produce and consume more, on Earth and in outer space.

Robocentric develops, patents, productizes, commercializes, and markets its own visual, aural, tactile, olfactory, gustatory, and linguistic information processing and generation artificial intelligence technologies.

Robocentric develops, patents, productizes, commercializes, and markets its own robot control, actuation, and sensing software and hardware technologies.

Robocentric develops and pursues its own core AI R&D (Research and Development) tracks with visual AI R&D tracks, aural AI R&D tracks, tactile AI R&D tracks, olfactory AI R&D tracks, gustatory AI R&D tracks, and linguistic AI R&D tracks.

Robocentric develops and pursues its own core robotics R&D (Research and Development) tracks with robot controller R&D tracks, and robot hardware design and manufacturing R&D tracks.

2.3. Robocentric Applied AI and Robotics

Robocentric plans and pursues advancing AI and robotics for increasing human creativity, productivity and consumption.

Robocentric applied AI and robotics use Robocentric's core AI and robotics technologies to create positive, growth-oriented human economic impacts and to support human needs and wants.

Robocentric is deeply interested in and committed to creating brand-new human jobs on Earth and in outer space—via advancing AI, robotics, biotech, and nuclear-fusion reactors powered outer space tech.

Robocentric develops and pursues its own applied AI R&D (Research and Development) tracks in all the applicable areas.

Robocentric develops and pursues its own applied robotics R&D tracks in all the applicable areas.

One key Robocentric goal in its applied AI and robotics is the American manufacturing robotization with 360 million factory robot workers, and 40 million factory-worker-robot manager human workers, in America, on Earth, with every robot worker working 24/7, and with each human worker working 35 to 40 hours per week, 48 weeks per year (4 week vacation per year), managing 40 robot workers in a factory.

Another key Robocentric goal in its applied AI and robotics is the American construction robotization with home remodeling businesses robotization, building renovation robotization, new home construction robotization, and new building construction robotization, with human-managed robot workers increasing the total American construction outputs and consumptions, and increasing the construction human worker incomes.

Another key Robocentric goal in its applied AI and robotics is the American service robotization, with new product development AI, and many other AI and robotics technologies and products (goods and services) for adding AI and robotics to the American service economic sector for increasing the American service production and consumption.

Another key Robocentric goal in applied AI and robotics is the American agriculture, mining, and forestry robotization, on Earth and in outer space.

2.4. Robocentric Applied AI and Robotics Centimillion American Human Jobs Creation Operations

New technologies create brand-new humans jobs, while destroying old human jobs. For example, the steam engines had created many brand-new human jobs, while detroying the super-majority of farming human jobs and certain manual-labor human jobs; the automobiles have created many brand-new human jobs, while detroying virtually all manual-transportation human jobs; the computers have created many brand-new human jobs, while detroying virtually all manual-computation and manual-information-transmission human jobs.

It is Robocentric's view that the future AI and robotics technologies will create over one hundred million human jobs in America, at the minimum, while destroying many old human jobs such as manual human labor jobs.

Robocentric pursues systematically creating 100 million applied AI and robotics human jobs in America, by working with the relevant educational institutions, businesses, and government agencies.

3. Robocentric Biotech

Robocentric pursues developing, patenting, productizing, commercializing, and marketing its own biotechnologies for enabling the human longevity biotech that it envisions (anti-aging and deaging biotech), for making every human-body disease and disability and damage curable, and for making beneficial industrial and consumer biomatter abundant on Earth and in outer space.

Robocentric pursues human longevity biotech for enabling humans to live longer, healthier, more youthful, and more beautiful human lives, on Earth and in outer space, and for enabling humans to have a longer lifespan that will be required when humans massively expand into outer space via the nuclear-fusion reactors powered interplanetary mass scale outer space humanity expansion technologies, and via the interstellar and intergalactic mass scale outer space humanity expansion technologies.

Robocentric's multidecadal long-term goal in biotech is developing, patenting and commercializing human longevity biotech (anti-aging and deaging biotech), human fertility duration lengthening biotech (especially for women), human body mass-manufacturing and replacement biotech, other types of medical biotechnologies (such as cancer-cure drug design and manufacturing biotech), and industrial and consumer biomatter design and mass-manufacturing biotech.

3.1. Robocentric Biotech Major Goals

Robocentric pursues realizing and commercializing the human longevity biotech that it envisions.

Robocentric pursues realizing and commercializing the human fertility duration lengthening biotech that it envisions.

Robocentric pursues realizing and commercializing the human body mass-manufacturing and replacement biotech that it envisions.

Robocentric pursues realizing and commercializing the other types of medical biotechnologies that it envisions.

Robocentric pursues making beneficial industrial and consumer biomatter abundant on Earth and in outer space, such as human foods, via advancing biomatter design and mass-manufacturing biotech.

Robocentric pursues making biotech exciting and desirable in the eyes of the public, particularly in America and elsewhere in the First World.

3.2. Robocentric Core Biotech

The Robocentric core biotech division works on developing, patenting, productizing, commercializing, and marketing its own sensor, scanner, modeler, designer, synthesizer, and replacer biotechnologies.

Robocentric's biotech business models, biotechnology development directions, and major biotech product categories are all based on advancing its core biotechnologies.

Robocentric develops and pursues its own core biotech R&D (Research and Development) tracks in all of its core biotech categories.

3.2.1. Robocentric Core Biotechnologies Development Paths and Experiments Performance

The core biotechnologies that Robocentric develops, patents, productizes, commercializes, and markets, in parallel, include, but are not limited to, the following.

- Robotic fully-automated mass light microscopy system
- Robotic fully-automated mass electron microscopy system
- Ultralow-cost cell and cell-component staining biotechnologies
- Ultralow-cost 3D microscopic biomatter scanner
- Ultralow-cost protein mass spectrometer
- Ultralow-cost genome sequencer
- Computational biomatter modeler and designer
- Biomatter synthesizer
- Biomatter sensor

Robocentric develops and pursues one or more of its own R&D tracks in each core biotech product category above, and more, all executed in parallel.

3.3. Robocentric Applied Biotech

Robocentric plans and pursues enabling human longevity biotech, biotechnologically making all the human-body diseases and disabilities and damages curable, and making beneficial industrial and consumer biomatter abundant on Earth and in outer space via advancing biomatter designer and mass-manufacturing biotechnologies.

Robocentric's applied biotechnologies use Robocentric's core biotechnologies to create positive, growth-oriented human economic impacts and to support human needs and wants especially in biomedicine, living with healthy and energetic and youthful human bodies, and producing and consuming abundant beneficial and nourishing biomatter.

Robocentric develops and pursues its own applied biotech R&D (Research and Development) tracks in all the applicable areas—such as neuroscience and neurotechnology R&D tracks, human body manufacturing and replacement R&D tracks, human telomere lengthening R&D tracks, and human cancer cure drug R&D tracks.

Robocentric's applied-biotech major product categories include, but are not limited to, biological lifeform growth accelerator biotech, biological lifeform reproduction cycle shortening biotech for species conservation and proliferation on Earth and in mass-scale outer space human habitats, and human-food plant and animal disease-cure and protection and yield-increase biotechnologies.

Robocentric applied biotech departments (or subdivisions) include, but are not limited to, industrial and consumer biomatter design and mass-production biotech department, human longevity biotech department, human biomatter manufacturing and replacement medical biotech department, human-body disease and disability and damage cure drug design and mass-manufacturing biotech department, human-food plant and animal disease cure biotech department (for grains, farm animals, etc.), human food production biotech department, human-body fat loss drug design and mass-manufacturing biotech department, and drug addiction stopper drug or neurotech design and mass-manufacturing biotech department (e.g. anti-narcotics, narcotic-addiction cure biotech department).

The Robocentric applied biotech product categories include, but are not limited to, the following.

- Human longevity biotech (human-body anti-aging and deaging or rejuvenation biotech)
- Human body manufacturing and replacement biotech (human DNA, protein, cell components, cell, tissue, organ, subsystem, and whole body manufacturing and replacement biotech; Alzheimer's disease cure, Parkinson's disease cure, cancer cure, spine and nerve damage cure, damaged or lost human-body limb manufacturing and replacement, severely or completely diseased or disabled or damaged whole human body manufacturing and replacement)

- Human-body disease, disability, and damage cure drug design and mass-manufacturing biotech (cancer cure drug, AIDS cure drug, etc.)
- Industrial and consumer biomatter processing, design and mass-manufacturing biotech
- Human food production biotech
    - Human-food plant and animal disease cure drug design and manufacturing biotech
    - Human-food plant and animal growth accelerator biotech
    - Human-food biomatter processing biotech
    - Human-food animal waste biomatter processing biotech

3.4. Robocentric Biotech R&D and Experiment Tracks

Robocentric biotech R&D and experiment tracks include, but are not limited to, the following.

- Robocentric core biotech R&D tracks
- Robocentric core biotech experiment tracks
- Robocentric applied biotech R&D tracks
- Robocentric applied biotech experiment tracks
- Robocentric human longevity biotech R&D tracks
- Robocentric human longevity biotech experiment tracks
- Robocentric human fertility duration lengthening biotech R&D tracks
- Robocentric human fertility duration lengthening biotech experiment tracks
- Robocentric human body mass-manufacturing and replacement biotech R&D tracks
- Robocentric human body mass-manufacturing and replacement biotech experiment tracks
- Robocentric human-body disease, damage, and disability cure drug design and mass-manufacturing biotech R&D tracks
- Robocentric human-body disease, damage, and disability cure drug design and mass-manufacturing biotech experiment tracks
- Robocentric industrial and consumer biomatter processing, design and mass-manufacturing biotech R&D tracks
- Robocentric industrial and consumer biomatter processing, design and mass-manufacturing biotech experiment tracks
- Robocentric Unified Humanity Science biotech R&D tracks
- Robocentric Unified Humanity Science biotech experiment tracks

3.5. Robocentric Biotech Animal, Plant, and Microorganism Tests and Experiments

Robocentric plans and performs biotechnological experiments on laboratory animals for developing, testing, completing, and perfecting its biotechnologies. For example, Robocentric plans to perform a biotechnological experiment of rat telomerases biosynthesis, feeding biotech-synthesized telomerases to lab rats, 3D-microscopic scanning and spectroscoping the biosynthetic-telomerases fed rat body biomatter, and recording and publishing the results, for

human longevity biotech, human fertility period lenghtening biotech, and cancer cure drug biotech developments.

The Robocentric biotech division plans and performs live animal and plant tests for developing biotechnological cures for human and nonhuman-animal and plant body diseases, disabilities, and damages; for developing human longevity biotech; for developing human fertility period lengthening biotech; for developing human body manufacturing and replacement biotech; for developing medical, cosmetic, and behavioral human and nonhuman genetic engineering biotech; for developing biotech for increasing human food production; for developing biotech for industrial and consumer biomatter processing, design and mass-manufacturing; and for developing other types of biotechnologies.

Robocentric also plans and performs biotech tests and experiments on bacteria, viruses, and all the other disease causing agents such as fungi, protozoa, algae, and prions—for vaccine, antiviral, antibacterial, antimicrobial, and other types of microorganism-caused disease, disability, and damage cure biomedicine research and development and commercialization, according to the relevant U.S. federal, state, and local regulations.

3.5.1. Non-AWA Animal Testing

The Animal Welfare Act (AWA) regulates animal testing in the U.S. at the federal level, which covers a limited subset of animals.

Robocentric Biotech performs non-AWA convered animal testing, namely on rats, mice, birds, reptiles, amphibians, fishes, crustaceans, mollusks, and insects.

3.5.2. AWA Animal Testing

If and as needed, according to the regulation, Robocentric Biotech performs AWA-covered animal testing, namely on dogs, cats, nonhuman primates, rabbits, hamsters, guinea pigs, gerbils, farm or livestock animals used for research, horses used for research, marine mammals, captive wildlife, and other warm-blooded animals.

3.6. Robocentric Pursuit of FDA and AVMA Recommended Biotech Development Aims and Practices

Robocentric pursues all of the FDA and AVMA recommended and supported biotech development aims and practices (on animal biotechnology products [https://www.fda.gov/animal-veterinary/development-approval-process], animal biotechnology [https://www.fda.gov/animal-veterinary/development-approval-process/biotechnology-products-cvm-animals-and-animal-food], and others endorsed by AVMA [https://www.avma.org/sites/default/files/2019-11/2020W_Resolution1_Technology_Attch2.pdf]), which all require laboratory animal testing for biotech product development.

AVMA notes that current regulations include the evaluation of biotechnologies by the USDA, FDA, EPA, US Fish and Wildlife Services, National Oceanic and Atmospheric Administration, or other appropriate authorities before they can be marketed for the intended uses; future evaluations should continue to be scientifically based with meaningful risk assessments.

Additional references include the following.

https://www.fda.gov/animal-veterinary/biotechnology-products-cvm-animals-and-animal-food/vip-veterinary-innovation-program

https://www.fda.gov/animal-veterinary/biotechnology-products-cvm-animals-and-animal-food/center-veterinary-medicine-cvm-animal-biotechnology-products-resource-center

https://www.fda.gov/regulatory-information/search-fda-guidance-documents/cvm-gfi-187-regulation-intentionally-altered-genomic-dna-animals

3.7. U.S. Government Agencies Robocentric Biotech Division Works With

Because biotech development, testing, approval, and commercialization are heavily regulated in the U.S., at the federal, state, and local levels, the Robocentric biotech division works with all the relevant U.S. federal, state, and local goverment agencies.

The federal U.S. government agencies to work with in biotech development, testing, approval, and commercialization include, but are not limited to, FDA, USDA, and DEA (if using controlled substances).

The state U.S. government agencies to work with in biotech development, testing, approval, and commercialization include, but are not limited to, state board of pharmacy, and state board of veterinary medical examiners.

Related organizations to work with in biotech development, testing, approval, and commercialization include, but are not limited to, NIH (National Institutes of Health), and AVMA (American Veterinary Medical Association).

3.8. Minimum Expenditure, Maximum Profit Biotech Development, Patenting, Productization, Approval, Commercialization, and Marketing Strategy

Because biotechnologies are expensive to develop, test, get approved of, and bring to the market, Robocentric constantly develops and takes the routes that minimize the cost and maximize the profit in biotech development, testing, approval, and commercialization.

4. Robocentric Outer Space Tech

Robocentric pursues developing, patenting, productizing, commercializing, and marketing its own artificial nuclear-fusion reactors powered mass scale outer space humanity expansion technologies for enabling humanity to massively expand beyond Earth into outer space, interplanetarily at first, then eventually interstellarly and intergalactically.

As calculated in *The Future*, the book written and published by Allen Young, the theoretical maximum energy-production rate of nuclear fusion is 11 million times greater than chemical reaction, which means for the same amount or mass of fuel, nuclear fusion can produce as much as 11 million times more energy than chemical-reaction energy production. Robocentric works on achieving the maximum artificial nuclear-fusion energy production for providing unlimited clean energy to humanity, and for enabling artificial nuclear-fusion reactors powered mass scale outer space humanity expansion.

Robocentric's multicentennial long-term goal in artificial nuclear-fusion reactors powered mass scale outer space humanity expansion tech is building the artificial nuclear-fusion reactors powered Solar System with 10 billion autonomous U.S. military interplanetary spaceships in operation that have artificial nuclear-fusion reactor powered outer space laser cannons, 10 billion civilian interplanetary spaceships in operation at any given time across the Solar System, and over 100 billion human beings living across the Solar System, on or above the Earth-gravity planets (namely, Earth, Venus, Saturn, Uranus, and Neptune)—on Earth, on terraformed Venus land, and in mass-scale outer space human habitats above Saturn, Uranus, and Neptune. Then eventually afterward developing and commercializing interstellar and intergalactic mass-scale outer space humanity expansion technologies.

4.1. Robocentric Outer Space Tech Major Goals

One key goal Robocentric pursues is enabling artificial nuclear-fusion reactors powered mass scale outer space humanity expansion.

Robocentric pursues sextupling the American primary, secondary, and tertiary economic sector outputs, on Earth and in outer space, via advancing AI, robotics, human longevity biotech, and nuclear-fusion reactors powered outer space tech.

Robocentric pursues creating 10 billion artificial nuclear-fusion reactors powered and propelled autonomous U.S. military interplanetary spaceships in operation across the Solar System that have artificial nuclear-fusion reactor powered outer space laser cannons.

Robocentric pursues creating 10 billion artificial nuclear-fusion reactors powered and propelled civilian interplanetary spaceships in operation at any given time across the Solar System.

Robocentric pursues creating the humanity with 100 billion human beings living across the Solar System, on or above the Earth-gravity planets (namely, Earth, Venus, Saturn, Uranus, and

Neptune)—on Earth, on terraformed Venus land, and in mass-scale outer space human habitats above Saturn, Uranus, and Neptune.

Robocentric pursues eventually developing, patenting, productizing, commercializing, and marketing its own interstellar and intergalactic mass-scale outer space humanity expansion technologies.

4.2. Robocentric Outer Space Tech Categories

All of Robocentric's efforts in advancing artificial nuclear-fusion reactors powered outer space tech belong in one or more of Robocentric's outer space tech categories.

Robocentric develops and pursues its own qualitative and quantitative goals and technology development directions in all of its artificial nuclear-fusion powered outer-space tech product categories.

Robocentric develops and pursues its own nuclear-fusion reactors powered outer space tech R&D tracks, such as nuclear-fusion reactor R&D tracks, and artificial nuclear-fusion powered outer-space communications, defense, mining, construction, manufacturing, and human-habitat maintenance technology R&D tracks.

Robocentric develops, patents, productizes, commercializes, and markets its own artificial nuclear-fusion reactors powered mass scale outer space humanity expansion technologies in the following Robocentric outer space tech categories.

- Artificial nuclear-fusion reactors (for supplying artificial nuclear-fusion energy to power plants, factories, airplanes, cars, homes, and interplanetary spaceships)
- Nuclear-fusion reactor powered air, land, and water pollution removers
- Artificial nuclear-fusion reactors powered and propelled interplanetary spaceships (with full human life support tech in each passenger interplanetary spaceship such as temperature and humidity control, air recycling, human-body waste recycling, and food-production technologies. Escape pod, studio, one-room apartment, two-room apartment, three-room apartment, townhouse, single house, cruise ship, container ship, and supertanker ship sized nuclear-fusion reactors powered and propelled interplanetary spaceships.)
- Artificial nuclear-fusion reactors powered outer space mining technology (moon or satellite mining, asteroid mining, planet core mining, and star surface mining)
- Artificial nuclear-fusion reactors powered outer space communications technology (especially interplanetary internet)
- Artificial nuclear-fusion reactors powered outer space military technology (e.g. artificial nuclear-fusion reactors powered outer space laser cannons)
- Artificial nuclear-fusion reactors powered outer space planet defense technology
- Artificial nuclear-fusion reactors powered outer space human-food production technology
- Artificial nuclear-fusion reactors powered outer space manufacturing technology
- Artificial nuclear-fusion reactors powered outer space construction technology

- Artificial nuclear-fusion reactors powered terraforming technology (first trial and use on Venus)
- Artificial nuclear-fusion reactors powered supra-planetary mass scale outer space human habitat construction and maintenance technology (first trial and use on Saturn, Uranus, and Neptune)
- Interstellar and intergalactic transportation technology
- Interstellar and intergalactic communications technology

4.3. Robocentric Interplanetary Spaceships Plan

Robocentric aims to develop, patent, productize, commercialize, and market the following types and sizes of artificial nuclear-fusion reactors powered and propelled interplanetary spaceships with full human life support tech in passenger interplanetary spaceships—such as temperature and humidity control, air recycling, human-body waste recycling, and food-production technologies—for enabling mass-scale outer space humanity expansion.

- Escape pod nuclear-fusion reactors powered and propelled interplanetary spaceship
- Studio apartment sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- One-room apartment sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Two-room apartment sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Three-room apartment sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Townhouse sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Single house sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Cruise ship sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Container ship sized nuclear-fusion reactors powered and propelled interplanetary spaceship
- Supertanker ship sized nuclear-fusion reactors powered and propelled interplanetary spaceship

5. Robocentric Unified Humanity Science Development, Application, and Commercialization

Robocentric develops, applies, and commercializes its own science, named Unified Humanity Science, for advancing AI, robotics, biotech, and outer-space tech.

Unified Humanity Science is a multidecadal science project at Robocentric, led by Allen Young, that aims to map all the outwardly observable human behaviors to their underlying causes and mechanisms down to the human-body subsystem, organic, tissular, cellular, subcellular, molecular, atomic, and subatomic levels.

Robocentric is committed to developing, applying, and commercializing Unified Humanity Science, which is for gaining the complete scientific understanding and knowledge of how the human body and mind functions at the human-body subsystem, organic, tissular, cellular, subcellular, molecular, atomic, and subatomic levels.

Unified Humanity Science is for mapping all the outwardly observable human behaviors to their underlying causes in human brains and genes.

Unified Humanity Science is for QMASPing (Quantifying, Modeling, Analyzing, Simulating, and Predicting) all the human behaviors down to the human-body subsystem, organic, tissular, cellular, subcellular, molecular, atomic, and subatomic levels.

Allen Young, Robocentric’s founder, CEO, and chief technology architect serves as the Unified Humanity Science lead researcher.

Unified Humanity Science is applied in developing Robocentric's AI, robotics, biotech, and mass-scale outer space humanity expansion tech.

Robocentric's main strategy for developing Unified Humanity Science is drastically lowering the costs of sensing, scanning, modeling, designing, simulating, synthesizing, and replacing human body biomatter—for gaining the complete scientific understanding of how the human body works at the human-body subsystem, organic, tissular, cellular, subcellular, molecular, atomic, and subatomic levels.