Revolutionsing Oxygen

The Ox66® Opportunity

Diatomic Healthcare Private Limited

redefining wellness through innovation

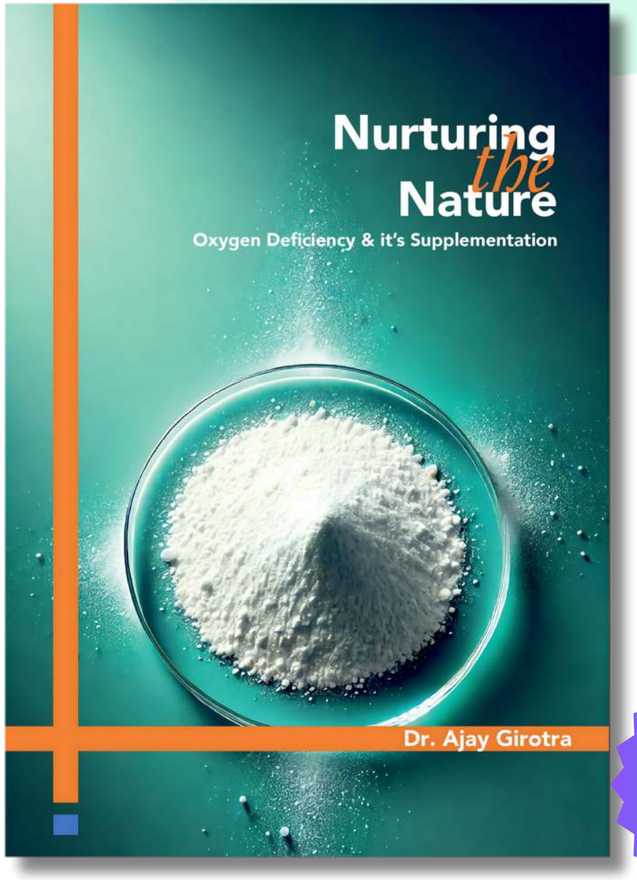
"The global wellness industry is worth over $500 billion, yet it has completely ignored one of the most essential elements for human life—OXYGEN."

"You can survive 3 weeks without food, 3 days without water, but only 3 minutes without oxygen.

Yet, the world is silently suffocating from an oxygen deficiency no one is talking about."



What if we had a way to change that?"



Our Special Book on Oxygen Deficiency & Supplementation

Oxygen: Humanity's Lifeline Yet the Greatest Oversight

- 1 in 8 people worldwide suffer from oxygen deficiency.
- Oxygen-related productivity loss costs $194 billion annually.
- Oxygen deficiency contributes to cognitive decline, heart disease, and chronic fatigue, resulting in an economic burden exceeding $2 trillion.
- Current oxygen solutions (cylinders, concentrators) are impractical and expensive ($100,000+ for hyperbaric chambers).
- **The Need: Long overdue is a portable, scalable, and efficient oxygen solution**



Replenishment completely ignored





Introducing Ox66®:

Oxygen Reinvented for a Modern World

- Oxygen in Powder form
- First-of-its-kind solid oxygen supplement
- Portable, safe, and no need for heavy equipment.
- Engineered for immediate application during critical situations (Golden Hour).

Versatile use : **Humans • Animals • Agriculture • Fuel Additive**





Ox66®: A Deep Tech Breakthrough in Oxygen Science

Just not a supplement—it is a **Deep Tech innovation** that pioneers a new category of solid-state oxygen supplementation. This disruptive technology is backed by:

✅ **Breakthrough Scientific Discovery**

- Ox66® is a patented clathrate-poly oxygenated Aluminium Hydroxide, a novel material that stores and delivers oxygen in a stable, ingestible form.
- Unlike traditional oxygen supplements (gas cylinders, liquid oxygen, or peroxides), Ox66® introduces a completely new way to transport and release oxygen without external devices.

✅ **Material Science & Nanotechnology Innovation**

- Engineered at a molecular level, Ox66®'s nano-structured oxygen clathrates ensure controlled oxygen release and bioavailability.
- Provides immediate oxygenation with superior efficiency compared to current oxygen delivery methods.



Revolutionizing Oxygen Supplementation *with Advanced Material Science*



✅ **High Barriers to Entry & IP Protection**

- Proprietary chemical formulation and manufacturing process make Ox66® difficult to replicate.
- Patentable technology ensures long-term competitive advantage.
- High regulatory entry barriers further protect market positioning.

✅ **Regulatory Edge**

- Approved as GRAS (Generally Recognized As Safe) in the USA under dietary supplements.
- In India, positioned under FSSAI's novel category, differentiating it from pharmaceutical oxygen-based products.

✅ **Cross-Industry Disruption Potential**

Ox66® is a platform technology with applications across multiple industries:

- **Healthcare & Wellness** – The first ingestible oxygen supplement addressing hypoxia and chronic fatigue.
- **Athletic Performance & Recovery** – Enhances endurance and speeds up muscle recovery.
- **Emergency Medicine & First Response** – A life-saving, portable oxygen reserve for golden-hour situations.
- **Agriculture** – Potential oxygen enrichment for soil and plant growth.
- **Fuel Additive** – Possible oxygenation benefits for fuel efficiency.



Potential & Impact • **disrupt & dominate**

Market Opportunity & Competitive Advantage

Market Segments:

- Nutraceuticals & Wellness ($500B industry, growing at 8% CAGR).
- Anti-aging & Skincare ($58B industry)
- Athletic Performance & Recovery.
- Emergency Medicine & First Response.

Competitive Advantage:

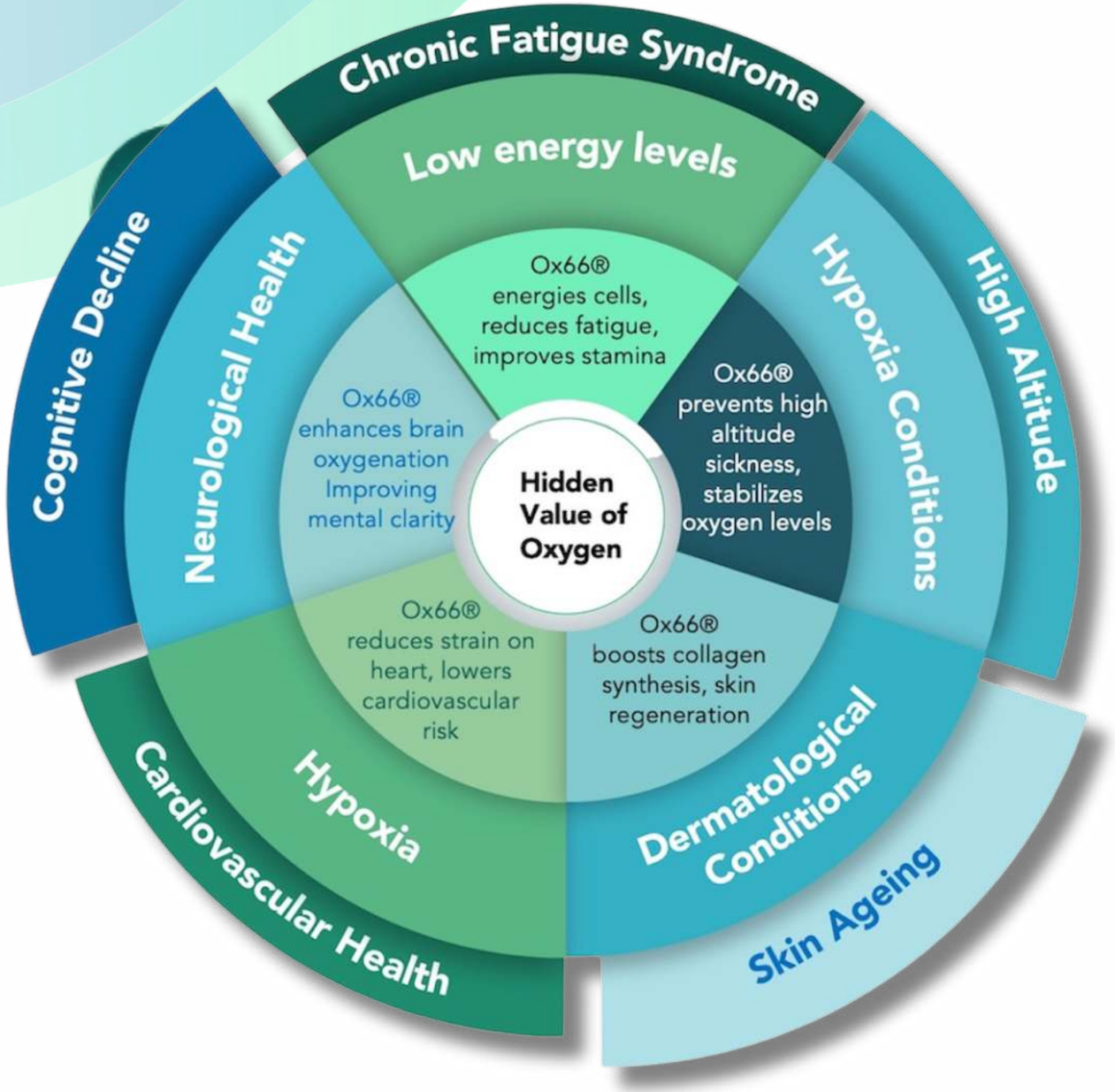
✓ First-Mover Advantage in a billion-dollar untapped market.
✓ Patented, Defensible Technology with high barriers to competition.
✓ Scalable Scientific Platform applicable to multiple industries.
✓ High-Growth Deep Tech Investment with strong ROI potential.





Not just building a product—*we are creating a new frontier in oxygen science*.





Hidden Value of Ox66®





The World's First Portable Oxygen Supplement—Revolutionizing Wellnes

- **Oral : Unmatched Convenience:** A portable, pocket-sized solution that delivers oxygen instantly in form of **capsules**
- **Topical : Versatile Applications:** Topical products for healing over 20 skin infections in form of : **Face-Body Spray, Cream, Lotion, Serums, Mists**

Carry Oxygen in **your pocket** now !





Statutory Status & Regulatory Pathway



In USA : Food & Dietary Supplement Status (GRAS Classification)

- ✓ Ox66® is classified as a Generally Recognized as Safe (GRAS) ingredient.
- ✓ GRAS designation is applicable only for food additive and dietary supplement uses.
- ✓ Aluminum Hydroxide, the base of Ox66®, has been GRAS-approved since the 1970s for use in food and cosmetic applications.

In India :

- ✓ for **Oral** : applying for **FSSAI** licence for Dietary Supplement
- ✓ for **Topical** : applying for **CDSCO** registration
- ✓ for **Agriculture**: applying for **FCO** registration
- ✓ for **Fuel Additive**: applying for **PESO** Approval

Versatile use : **Humans • Animals • Agriculture • Fuel Additive**







Proven Science & Market Validation

Case Studies & Testimonials:

- High-altitude climbers using Ox66® for endurance and recovery.
- **Athletes report enhanced stamina and muscle recovery.**
- Preliminary trials showed improved oxygen saturation levels.
- **Backed by scientific research and international partnerships.**

100% Safe • Non Toxic • 100% Acceptability





Business Model & Scalability Strategy

Phases

1 Import & Retail (Year 1)

- Import Ox66® raw material and distribute via retail & e-commerce.
- Target early adopters (athletes, wellness enthusiasts, high-altitude workers).
- Diversify applications (topicals, oxygen-enriched consumables, animal supplements).

2 Manufacturing Setup (Year2-3)

- Establish a state-of-the-art manufacturing facility in India.
- Scale B2B partnerships with hospitals, sports institutes, and pharma chains.
- Expand to international markets (Asia, EU, North America).

3 Global Expansion (Year 3 & 4)

- Diversify applications - Agriculture, Fuel additives & Establish 2nd state-of-the-art manufacturing facility in India.



Go-To-Market & Distribution Strategy



Digital First Approach:

- E-commerce sales via Amazon, Flipkart, Nykaa.
- D2C website for direct consumer education and purchases.

Retail & Pharmacy Expansion:

- Tie-ups with premium wellness stores, clinics, and hospitals.

Influencer & Community Marketing:

- Leverage doctors, nutritionists, fitness coaches, and athletes.

Strategic Partnerships:

- Partner with sports teams, military organizations, and medical institutions.





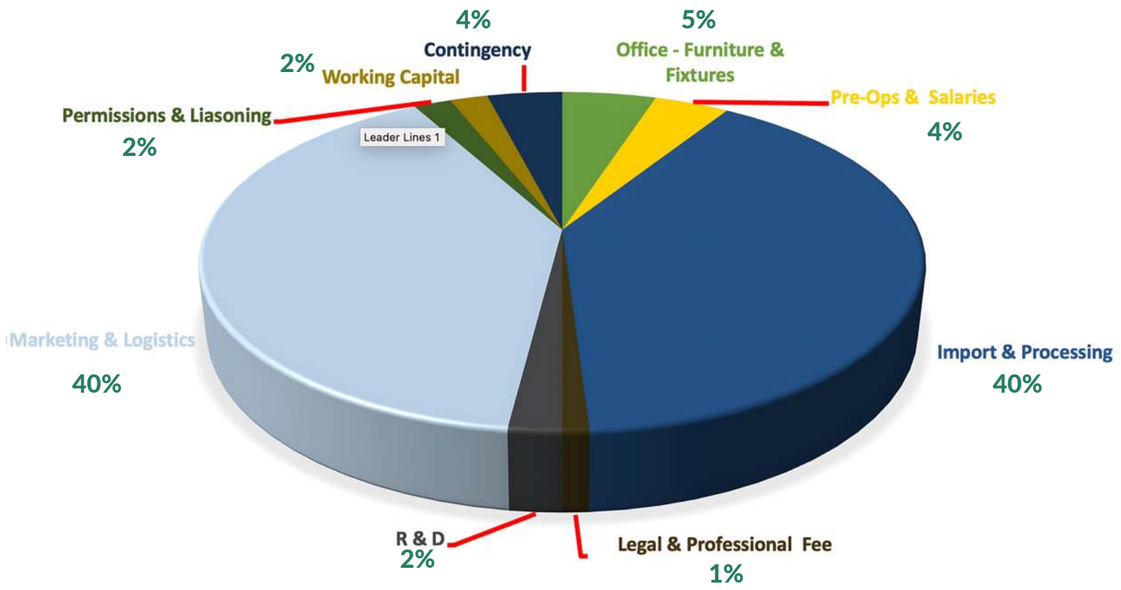
Financial Projections & Investment Ask

- **Revenue Projections (Next 5 Years):**
  - 2025: ₹ 108 Cr.
  - 2026: ₹ 180 Cr.
  - 2027: ₹ 229 Cr.
  - 2028: ₹ 346 Cr.
  - 2029: ₹ 515 Cr.
- **Investment Required: ₹5 Cr**
  - ₹5 Cr for Retail, R&D & Marketing.
  - Target ROI: 5X in 5 Years.

Invest in a Revolution That **Saves Lives and Redefines Wellness**



Use of Funds	2025-26	%
Pre Ops & Salaries	20,00,000	4
Import & Processing	2,00,00,000	40
Legal & Professional	5,00,000	1
Office - Furniture & Fixtures	25,00,000	5
R&D	10,00,000	2
Marketing & Logistics	200,00,000	40
Permissions & Liasoning	10,00,000	2
Contingency	20,00,000	4
Working Capital	10,00,000	2
Total Use of Funds	500,00,000	



Use of Funds



	2025	2026	2027	2028	2029
Sales	1,07,63,15,722	1,79,58,67,492	2,28,71,47,690	3,46,29,08,080	5,15,44,38,471
Cost of Goods	25,98,94,345	39,74,46,906	61,99,21,258	98,65,51,097	1,51,40,68,802
Gross Profit	81,64,21,377	1,39,84,20,586	1,66,72,26,432	2,47,63,56,983	3,64,03,69,669
SG&A	5,70,31,355	19,55,27,136	20,47,13,077	21,51,47,067	22,56,88,116
EBITDA	75,93,90,022	1,20,28,93,450	1,46,25,13,355	2,26,12,09,917	3,41,46,81,553
Depreciation & Tax	7,39,51,400	4,51,16,976	2,79,93,692	1,76,91,757	1,14,20,585
Tax	19,87,77,200	33,57,55,178	41,60,10,702	65,06,20,266	98,69,45,681
Income	48,66,61,421	82,20,21,297	1,01,85,08,961	1,59,28,97,893	2,41,63,15,287
	45%	46%	45%	46%	47%

P & L Forecast





Valuation

- **Pre-Money Valuation: ₹165 Cr**
- **Post-Money Valuation: ₹215 Cr**
- **Projected 5X returns over 5 years**

Exit Strategies:

1. **Strategic Acquisition: Pharma, wellness, or nutraceutical firms.**
2. **IPO: Once significant revenue milestones are achieved.**
3. **Private Equity Buyout: Potential for further expansion.**



Valuation & Exit Strategy



Why Invest in Diatomic Healthcare?

- ✅ **Pioneering innovation in a high-growth market.**
- ✅ **Patented first-mover advantage with no direct competition.**
- ✅ **Scalable business model across multiple industries.**
- ✅ **Massive market demand with an urgent global need.**
- ✅ **Clear revenue pathway & 5X investor returns in 5 years.**



Transform Lives • Redefine Wellness • Invest Now





Import Risks

Potential regulatory hurdles, tariffs, and supply chain disruptions. Mitigate by staying informed on regulations and maintaining buffer inventory.

Market Risks

Competition and slower-than-expected adoption. Address through strong branding, education campaigns, and continuous product innovation.

Operational Risks

Delays in manufacturing setup and quality control issues. Mitigate with careful planning, expert consultations, and rigorous quality assurance processes.

Financial Risks

Currency fluctuations and capital constraints. Manage through hedging strategies and phased investment approach with clear milestones.



Risk Analysis and Mitigation Strategies



JACK WOODMANSEE

FOUNDER & BOARD CHAIRMAN

Hemotek

PERSONAL PROFILE

Experienced founder and proven leader in both the military and Corporate America. Having led at the highest levels across a multitude of environments, his ethical values and entrepreneurial spirit are the hallmark of his distinguished career.

EDUCATION

United States Military Academy
West Point NY

George Washington University
Masters of Science, Public Administration

Stanford University
Masters of Arts, Political Science

HEMOTEK ROLE

Founder/Chairman of the Board for Hemotek, LLC. LTG (Ret) John W. (Jack) Woodmansee, Jr spearheaded critical efforts and key decisions for the company since its founding in 2008. Jack has exuded an unwavering passion and commitment to bring Ox66TM to the world across all medical and commercial applications.

PRIOR EXPERIENCE

FOUNDER/CEO – TACTICAL AND RESCUE GEAR (PRESENT) –Products for law enforcement and the military for 22 years

DIRECTOR NORTH AMERICAN OPERATIONS – PEROT SYSTEMS CORPORATION

MEMBER – ARMY SCIENCE BOARD

MEMBER – DEFENSE SCIENCE BOARD

NATIONAL SECURITY FELLOW – HOOVER INSTITUTION

FELLOW – WHITE HOUSE FELLOWS ASSOCIATION

MEMBER – HALL OF FAME, ARMY AVIATION ASSOCIATION OF AMERICA



Brooks Bash

PRESIDENT & CHIEF EXECUTIVE OFFICER

Hemotek

PERSONAL PROFILE

Brooks is an experienced commercial C-Suite executive and served as a Lieutenant General in the US Air Force in CEO-level positions. He is a proven business leader and operations expert.

EDUCATION

- BS, Management - United States Air Force Academy CO
- Masters, Administration - Central Michigan University MI
- Masters, National Security - Naval War College RI
- Masters, Airpower – Air University AL
- Executive Leadership Program – Carnegie Mellon Univ PA

HEMOTEK ROLE

Brooks oversees all aspects of Hemotek's operations and plays a vital role in direction of the company's future success by providing feedback and guidance to the executives, board members, investors, and partners. CEO of O2Boost LLC. Brooks also oversees Hemotek's financials, staff, and executives to ensure the success of the company. Develops short and long-term goals, plans, and strategies, and ensures the company's regulatory compliance. Primary executive to establish alliances, partnerships, and commercial opportunities. Member of the Hemotek & O2Boost Board of Directors.

PRIOR EXPERIENCE

President of Western Global Airlines - a U.S.-based mid-sized cargo airline - directed the doubling of annual revenue to nearly $400M and an EBITDA compound annual growth rate of 50%.
CCO – AAR Airlift Group - As Chief Commercial Officer was responsible for winning the largest contract in AAR's 50-year history, a $10B contract with the Dept. of State.
Director of DOD Logistics - Led $600B Defense Health & Logistic enterprise to include the Pentagon's oversight of the $5B annual Medical procurement portfolio.
Deputy Executive Secretary of White House National Security Council – Daily interaction with two Presidents and world leaders. Was the senior military leader in the White House Situation Room on 9/11.
USAF Lieutenant General and Combat Veteran – Served in Iraq and Afghanistan; received the Bronze Star and National Defense Distinguished Service Medal, the third highest DOD decoration after the Medal of Honor and Air Force Cross.



LESLIE PETERS

CHIEF OPERATING OFFICER AND SENIOR VICE PRESIDENT COMMERCIAL MARKETS

Hemotek

PERSONAL PROFILE

Experienced C-level executive, with a strong focus on applying critical thinking for structuring and executing mission critical business strategies. A proven track record of achieving win-win business engagements and maintaining long lasting customer and partner relationships.

EDUCATION

University of Michigan
Ann Arbor MI
Bachelors, Computer Science
Bachelors, Electrical & Computer Engineering

HEMOTEK ROLE

Chief Operating Officer and Senior Vice President Commercial Markets for Hemotek, LLC. President of O2Boost LLC. Leslie oversees manufacturing operations to ensure production goals are met based on the company's strategic plans. Leslie develops Hemotek's go-to- market strategy in the numerous applicable commercial markets. With a broad background across all aspects of Executive leadership and a fundamental understanding of business, Leslie builds and leads high performing corporate sales & marketing teams that create maximum business impact and value. Member of the Hemotek & O2Boost Board of Directors. .

PRIOR EXPERIENCE

CEO – METRO AEROSPACE – an Aerospace company that provi AS9100-certified high-performance Additively Manufactured structural components for large aircrafts
FOUNDER – BLUE LEGEND PARTNERS - A Business Consulting firm providing a wide range of services across multiple industries and disciplines to global customers
VICE PRESIDENT – DYNAMIC PRECISION GROUP – a mid-market aerospace engine parts manufacturer owned by the Carlyle Group Private Equity firm
INDUSTRY EXECUTIVE – HEWLETT-PACKARD – a multi-billion $ technology company; focused on large outsourcing and services agreements with MFG companies VICE PRESIDENT – T-SYSTEMS – a German-based global technology company; led NA Sales, focused on large outsourcing and services engagements
DIRECTOR – PEROT SYSTEMS CORPORATION – a technology company; focused on large outsourcing and services agreements across multiple industries

American Inventors & Partners



Dr. Ajay Girotra

Founder & CEO

MBA+ Hon. Doctorate

- 40+ Years in Integrated Marketing, Renewable Energy & Healthcare.



Pushpraj Singh

Co-Founder & CFO

CS +CFA

- 24+ Years in Financial Strategy & Growth Expert.



Dr. Aisvarya Girotra Kapoor

Co-Founder & CMO

MBBS + MD

- 9+ Years in Emergency Response & Medicine.



Meshna Gongal

Co-Founder & CPO

Post Graduation

- 12+ Years in Market Research, Product Development & Innovation.



Nikita Vyas

In House Counsel

BA + LLB

- Compliance & Regulatory Affairs.



India Founders & Management Team : Chemistry which makes us work

Generic Information about the Company

Founding Directors & Share holders

- Dr. Ajay Girotra : 95% shares
- Ms. Meshna Gongal : 05% shares

Company Information

✓ Incorporated in September 2024 as Private Limited Company

✓ Sales have not started as yet

✓ Product is ready and has been test marketed in USA from last 18 months

✓ High-Growth Deep Tech Investment with strong ROI potential.

✓ No funding has been raised as yet nor any kind of grant has been availed from any Government of India - Central or State Schemes.

✓ Website : www.diatomic.life







CARRY OXYGEN IN YOUR POCKET

Join Us in the Oxygen Revolution!

🌍 Redefining health & wellness with science-backed oxygen supplementation.

💰 Unmatched investment potential with scalable growth.

🚀 Be part of the first-ever portable oxygen supplement revolution.

Dr. Ajay Girotra
ajay@diatomic.life
9958666820

Meshna Gongal
meshna@diatomic.life
8586022000

Contact Us