



Micro Clean NexGen

Scaling Clean Tech for a Circular Future



We are building

Smart, AI-driven, steam disinfection robots and commercial steam cleaner machines for both consumers and businesses
by solving the hidden challenges in traditional cleaning systems cost-effectively with ESG commitment



Moving from short-term fixes to lasting impact

Hidden Costs of Traditional Cleaning

Resource inefficiency

Carbon Emission / Footprint

Toxic Exposure

Air Quality & Public Health

Safety & Wellbeing

Cost Burden

Daily Impact

Metric	Hong Kong	Global
Electricity Waste	79,000 kWh	85 million kWh
Water Waste	2.3 billion L	40 billion L
Chemical Discharge	274 tons	410,000 tons
Carbon Emission	900 tons	1 million tons

Why We - Something Missing In The Industry

Energy & Water
Saving

Chemical-Free &
Carbon Neutral

Air Sterilization &
Disease Prevention

Clean & Hygiene,
Health & Safety

Lower Cost + GV
Subsidy

CLEANING

STERILIZATION

INSPECTION

SAFETY

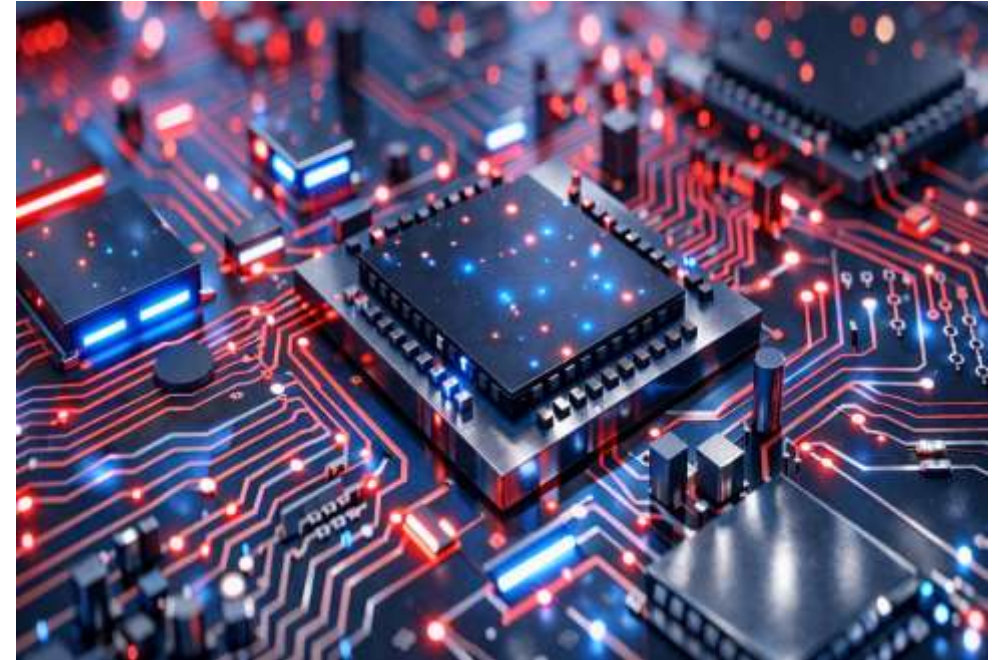
By 2050 We delivers 7 gigatons CO₂ savings by advancing 9 UN SDG's

Hardware Meets Software & Data

Product Overview



1. 80% Electricity savings,
2. 90% Water savings.
3. Zero chemicals,
4. Zero-carbon,
5. UV-C Air Sterilization
6. 360-Degree Precise Cleaning
7. AI-Edge IQ
8. Pathogen control, & infection prevention



First To Market

Proven & Tested

Authentic & Scalable

Unique Innovation

Our ICU innovation defines a new category of multifunctional Steam cleaning machines and Robots

MCN Ultra

Multipurpose Steam Robot & Commercial Cleaner

- AI-Edge IQ – Embedded Control, ICU, carbon & ops
- Triple Power Tech – Hydrogen, Lithium, Solar
- Automized Steam Jet – 60 seconds Steam
- Air Sterilization - UV-C LED / Ozone
- Temperature Adjuster – 50°C - 180 °C
- Endoscope Cam - 360-degree Cleaning
- 360° Infrared Human-Safe Detection



Our ICU innovation defines a new category of multifunctional Steam cleaning machines and Robots



MCN

MCN

MCN ULTRA

MCN

MICROClean
MCN ULTRA

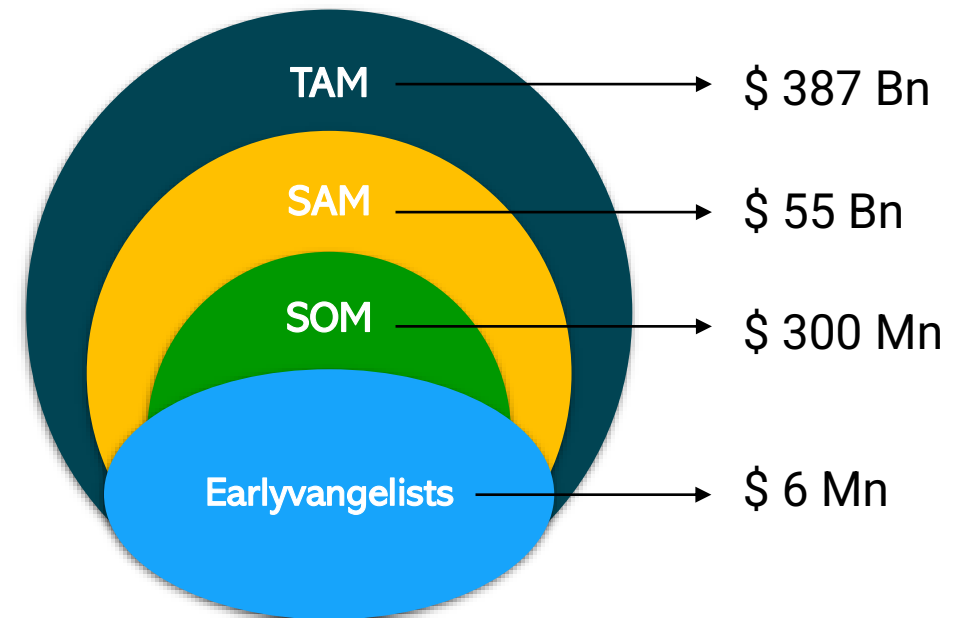
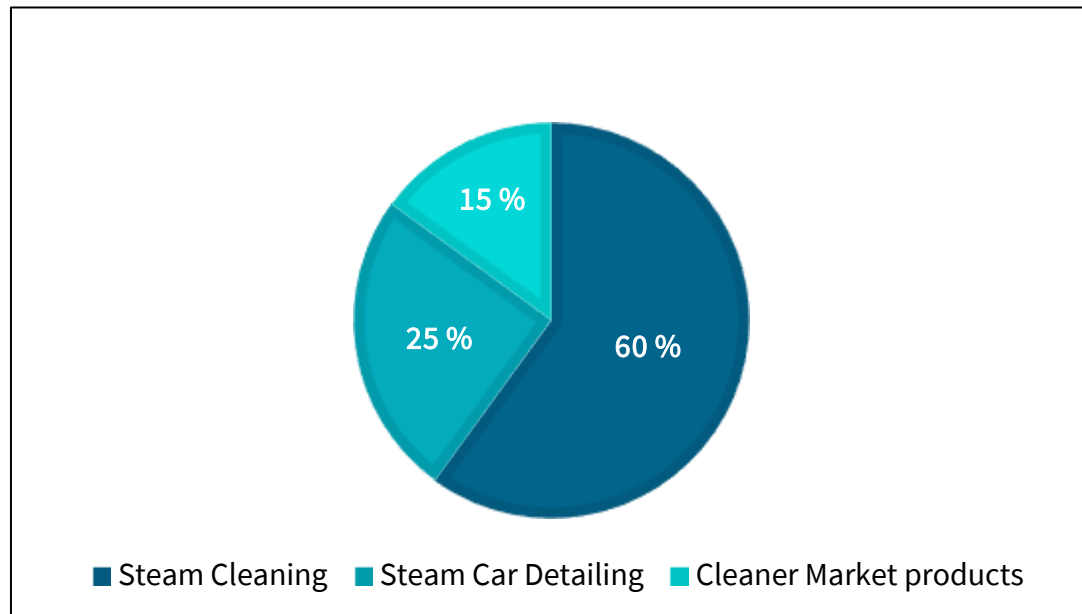
HYDROGEN

LITHIUM

MCN

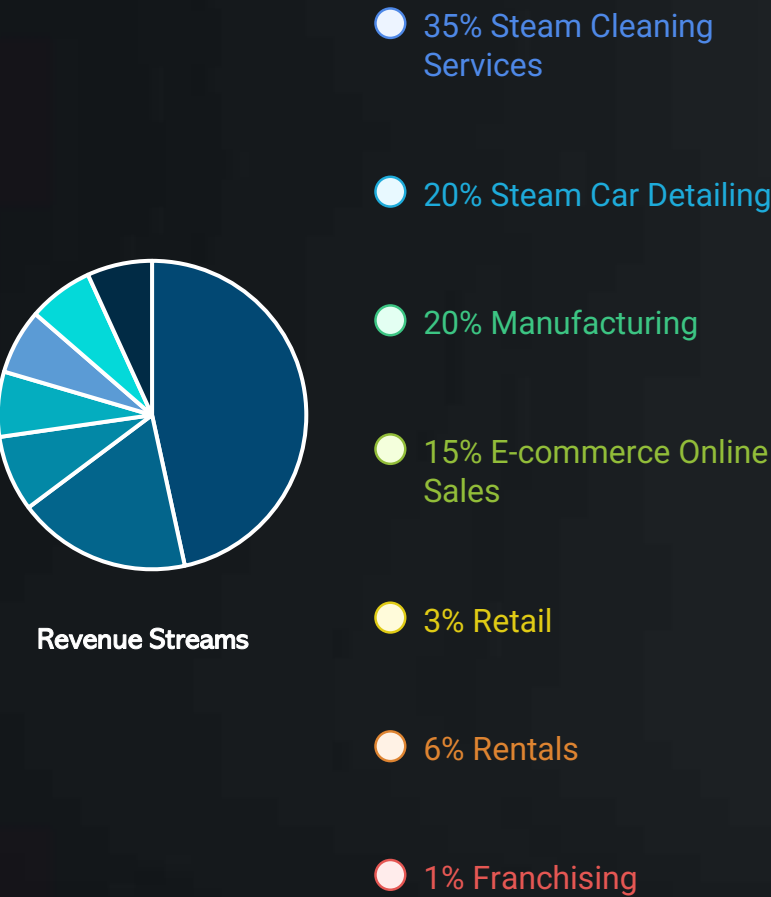
Market Opportunity

Global Steam Cleaning Industry Predicting 14.2% CAGR to 2035



Conservative SOM \$300Mn / Aggressive SOM \$1Bn

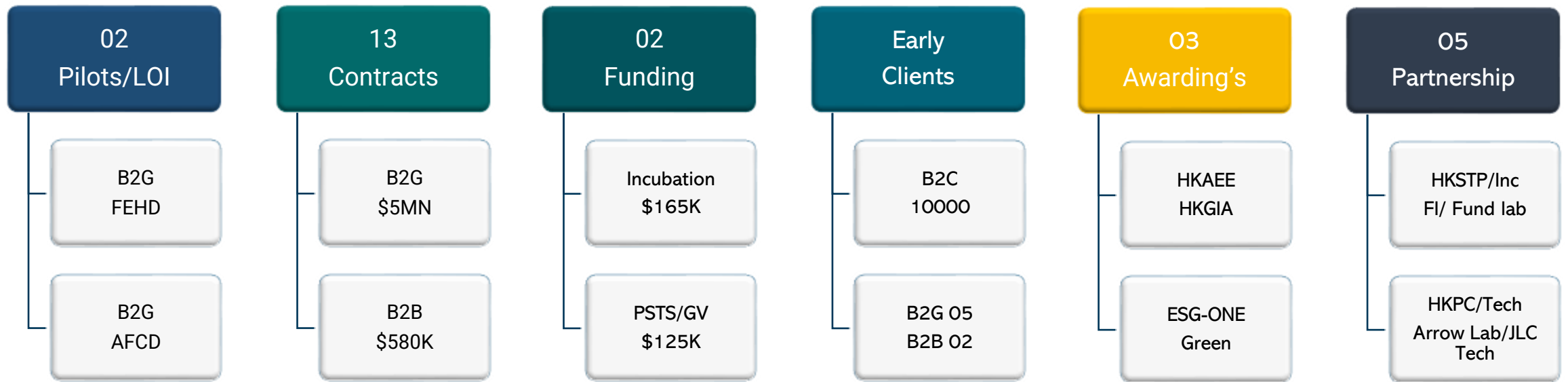
Business Model — B2G, B2B, B2C



What We Sell	Whom We Sell To	How We Sell
Professional cleaning	Hospitals, property managers, Municipalities , Terminals etc	Contracts at \$0.30/sq ft
Deep clean for vehicles	Car owners	Subscriptions at \$30/wash
High-quality machines & robots	Businesses	\$4000/4500 Direct pay users
Direct purchase of products	Consumers	Online sales
Products in physical stores	Consumers	Retail partnerships
Rental options for equipment	Construction contractors	Direct pay users
Opportunities for entrepreneurs	Entrepreneurs / SME's	Franchise opportunities

Capturing Opportunity in 7 Niche Markets

TRACTION



Competition

Standing out in a crowded field, Built to win
in a competitive market

Value Proposition	Micro Clean	Johnson & Johnson	Magic Clean	Shell Car Detailing
30% Cost Reduction	✓	✗	✗	✗
GV Subsidies for Users	✓	✗	✗	✗
Energy Saving	✓	✗	✗	✗
Water Saving	✓	✓	✓	✓
Chemical-Free	✓	✗	✗	✗
Air Sterilization	✓	✗	✗	✗
AI & ESG Excellence	✓	✗	✗	✗
Infection Prevention	✓	✓	✗	✓

Strategizing a \$1bn Market Opportunity

- Public Sector Trials
- B2G Contracts, Lasor Focused
- 07 Niche Market & 07 Revenue Streams

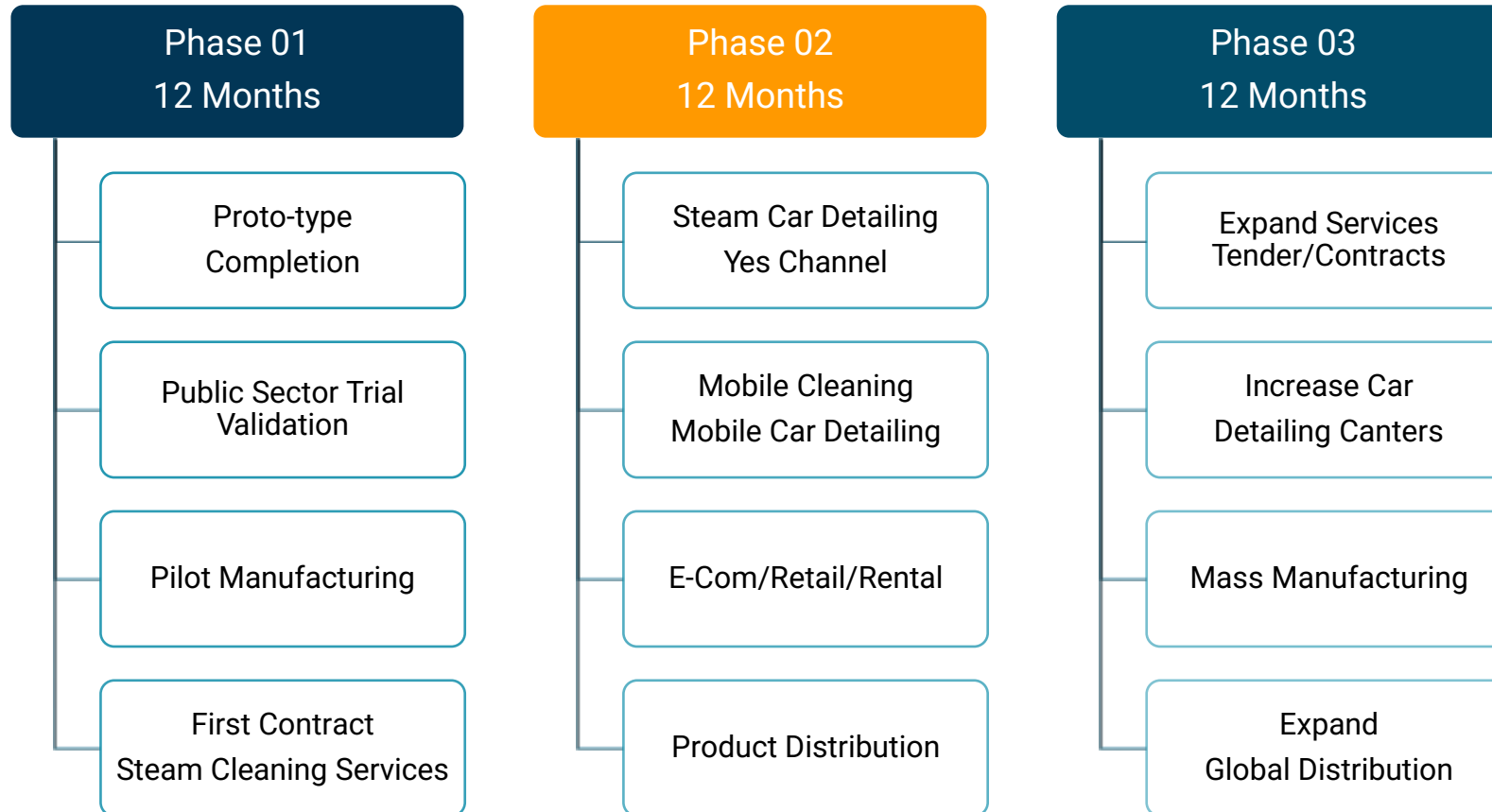
Quantum Jump

-  Sales & Marketing
Diverse Revenue Streams
-  Customer Service
Effortless Acquisitions
-  Product Development
12 Patent Products
-  Continuous Innovation
Circularity



Road Map

Delivering diversified impact through clean-tech innovation



Implementation Phase 2026–2029

Financials (2027-2029)

Description	\$ 2027	\$ 2028	\$ 2029
Revenue: Manufacturing	0	202,500	450,000
Steam Cleaning	0	130,500	2,430,000
Steam Car Detailing	0	92,000	140,000
Retail, E Com	0	0	108,000
Machine Rental	0	18,000	10,000
Franchise	0	0	0
Total Revenue	0	443,000	3,128,000
(Cost of Goods Sold)	0	288,850	1,918,000
GP	0	154,150	1,210,000
(Total Exp) – R&D/SALES & MARKETING/ADMIN	201,900	600,700	1,026,700
Income	(201,900)	(446,550)	183,300
Other Income (GV Funding + Grants)	160,000	410,000	680,000
Net Income Before Tax	(41,900)	(36,550)	863,300

Team



W. Sanjeewa Amarasinghe
Founder/CEO

Entrepreneur in Residence
VU Venture Capitals US/HK

Advisory Board Member
Global ESG Leadership Org UK

Ambassador
Nexus Public Policy Institute US

Alumni
HKSTP / Founder Institute / VU

EX Founder/CEO
Andromeda Int LTD – HK, UAE, SL

Consultant/ Mentor
Time Auction HK (Non-Profit)
MentorWay UK (Start-Up)



Aya Attia
Co-Founder – Technology

Mechatronics Engineer
Health Time Bio Start-Up – Dubai

AI Research & Dev
Neural Seek – Florida ,USA

Embedded Software Engineer
Innov Alliance Tech (IAT) Tunisia

Embedded Software Engineer
ACTIA Engineering Service Tunisia

PROJECTS
- Autonomous Mapping Robot
- Sensor Anomaly Detection
- Handwritten Digit Recognition



Lakindu Lehan Lithipura
Executive Engineer

APAC Robot Contest Winner
2023 - HK

Electronic Engineer
Fire Alert Limited - HK

AIoT Development Intern
Smart Age Intelligence Limited - HK

IT Manager
ISA - CUHK

PROJECTS
- 500kHz Noise Shaping
- FPGA Routing
- Electronic Piano



Dr. Warren Linger
Advisor

Founder & CEO
Exmersive.ai

Investor
I & T Engagement Leader-Coach

Lecture
The University of Hong Kong

Vice President – Education
Codabot Hong Kong

Leader
Founder Institute – Hong Kong



Gaurang Shah
Investor / Advisor

Executive Director / APAC
UBS Bank HK

Angel Investor / Deep Tech



We Ask For Collaboration

Investment



Pre Money Valuation



3 Year Revenue Target



USD 2 MN Use Of Proceeds

Proto Development & Validation 25%

Sales & Business Dev 15%

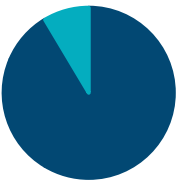
Supply Chain 15%

Mobile App & E-Com 5%

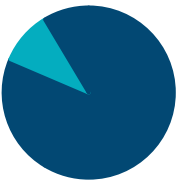
Administration & Wages 30%

Safety Wallet 10%

As of Now



Angel Investment
\$ 50000



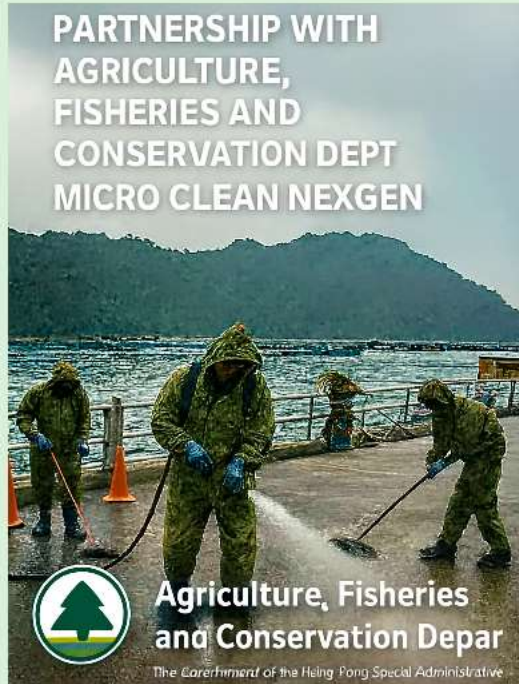
GV backed Grants
\$ 12,000



Secured Grants
\$ 540K

Appendix

Pilot 01



Strengthening Hygiene in Fisheries and Conservation

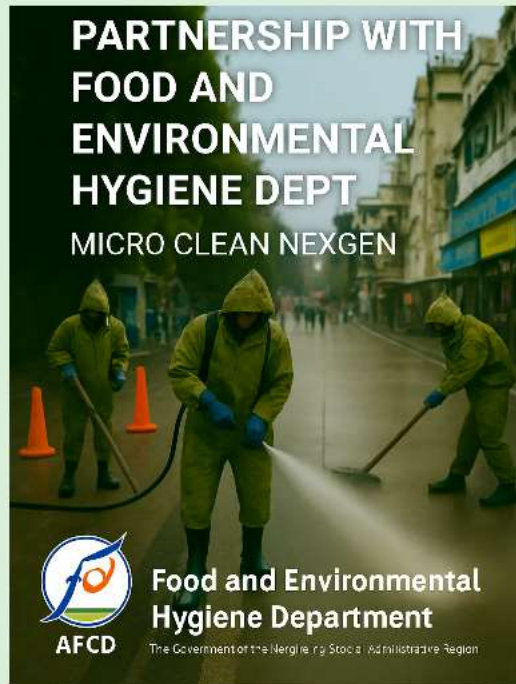
Micro Clean NexGen is honored to collaborate with the **Agriculture, Fisheries and Conservation Department (AFCD)** in pioneering eco-safe hygiene solutions across Hong Kong's fisheries, conservation areas, and public facilities. Through active public sector trials, our technology has proven its ability to safeguard communities and natural environments while eliminating the need for harmful chemicals.

Micro Clean NexGen has transformed our hygiene practices, delivering cost-effective sanitation while improving air quality. Its eco-safe technology ensures efficient cleaning without harmful chemicals, supporting both public health and environmental conservation."

Agriculture, Fisheries and Conservation Department (AFCD)

Michael KO, Country Parks Ranger Services Officer/ East

Pilot 02



Trusted by Government. Proven in the Field.

Micro Clean NexGen is proud to partner with the **Agriculture, Fisheries and Conservation Department (AFCD)** in advancing public hygiene standards across Hong Kong's natural and marine environments. Through active public sector trials, our autonomous cleaning technology has demonstrated exceptional performance in parks, piers, and conservation zones — delivering powerful sanitation without the use of harmful chemicals.

Micro Clean NexGen has revolutionized our cleaning protocols, delivering a safe and efficient way to maintain hygiene without harmful chemicals. By integrating zero-carbon technology into public facilities, it ensures sustainable cleanliness while building public trust."

Food & Hygiene Department (FEHD)"

Lo Kin , Facility Manager

Our Partners





Detailed Business Model

Capturing Opportunity in 7 Niche Markets

Market Share

- Manufacturing (Ind grade 4.0)
- Steam cleaning
- Steam Car detailing
- E-commerce
- Retail chain
- Machine Rental / Construction
- Franchise

Stakeholders

- Corporates : B2B
- Government: B2G
- Consumers: B2C
- Universities / R&D Ins
- VCs / Accelerators
- Tech Pilots, Manufacturing

P&L

- Ops Revenues
(Tender/contracts, SaaS etc)
- Grants
(Funding/Subsidies/Uni Grants)
- Capital Flows
(PE, acquisitions, mergers)

Price Matrix:

- ✓ Steam Cleaner Machines – \$ 4000 (commercial) & \$ 4500 Autonomous (Robot)
- ✓ Steam Cleaning Service– \$ 0.35/SQFT
- ✓ Steam Car Detailing – \$ 30/Wash


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Construction Sites

Our steam cleaning services keep construction sites safe and efficient by removing dust, debris, and harmful mold, creating healthier and safer workspaces.



Steam Car Detailing

Experience premium car care with steam detailing that deep cleans interiors and exteriors, eliminates odors, and preserves surfaces – all without harsh chemicals.



Mobility - Long Distance Shipping

Deliver sustainable fleet hygiene with Micro-Clean technology that saves energy, water, and eliminates chemical use – ensuring safer, cleaner voyages for all.


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Residential & Commercial Buildings

We deliver deep, chemical-free steam cleaning for homes and workplaces, creating healthier environments while reducing bacteria, mold, and allergens.



Social Infrastructures

Our steam cleaning solutions safeguard public facilities such as schools, hospitals, and community centers, ensuring healthier environments through sustainable practices.



Industrial Base

We provide advanced steam cleaning for industrial facilities, reducing contamination risks, supporting compliance, and lowering operational costs with eco-friendly solutions.

Meet us there

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Advanced Manufacturing i4.0

Our advanced steam cleaning system eliminates bacteria and allergens **without harmful chemicals**, while delivering **energy and water savings, air sterilization, 360° cleaning coverage, AI-driven adaptation, and Smart Quad Tech integration** for next-generation hygiene.




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Innovative Hygiene Solutions.

Experience the future of cleaning with our eco-friendly steam technology. Effective, safe, and sustainable cleaning for all environments.

Let's Talk, Call Us, Email Us

Powerful Team

Huge Market

Prove Product

Public Sector Trial

Scalable Revenue



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