



EVOLUTION OF ENGINE TECHNOLOGY



Where Water Meets
Torque – The Future of
Engine Design

[®]

AQUASTROKE[®]

MISSION & VISION

MISSION

Revolutionize engines and power generation by replacing diesel with a high-performance, **water-based fuel** system that cuts emissions without sacrificing power.

VISION

Accelerate the world's transition to clean, scalable combustion technology by empowering various industries with practical, drop-in solutions.

*“What Tesla did for batteries,
MayMaan will do for internal
combustion engines.”*

THE WORLD RUNS ON DIRTY FUEL.

High Emissions

Traditional diesel engines emit massive amounts of CO₂, NO_x, and particulates—over 2 billion tons of CO₂ annually.

Pollution Cost

Diesel use is both polluting and costly—fuel waste, emissions penalties, and climate regulations are driving up operational expenses.

Non Scalable Alternatives

Most ‘green’ options—like hydrogen and electrification—are too costly or complex for off-grid use, mainly due to lacking infrastructure for economically unviable technologies.

THE SOLUTION

A Clean Combustion Platform-Powered by Water

MayMaan AquaStroke® Technology

A revolutionary internal combustion engine that runs on a **70% water / 30% ethanol blend** - eliminating the need for diesel while delivering the power and torque industries demand.

Built for Real-World Impact

- Supports infrastructure and certification standards
- Enables clean energy deployment without grid dependence

Drop-in Diesel Replacement

- Seamless drop-in replacement for existing diesel engines
- Preserves infrastructure and simplified certification

Ultra-Low Emissions

- Significantly reduced NOx, SOx, and no soot or diesel particles
- Steam formation from wasted heat

Engineered for Performance

- Ideal cylinder with an optimized combustion pressure
- Fully electronic controlled combustion
- High power-to-displacement ratio
- Higher thermodynamic efficiency

SOLUTIONS DEEP DIVE

ONE PLATFORM, MULTIPLE PRODUCTS, REAL-WORLD APPLICATIONS.



AQUASTROKE 20



Use Case: Lightweight generator

Telecom and residential

Output: ~20 KW

Compact, fuel efficient ideal for decentralized deployments

AQUASTROKE 35



Use Case: Mid-power generator

Construction and commercial applications

Output: ~35 KW

Quiet operation, zero diesel required

AQUASTROKE 120

(Coming Soon)



Use Case: Backup power

Commercial buildings, arenas, and large-scale sites

Output: ~120 KW

Emissions-compliant alternative to industrial diesel units

AQUASTROKE 400

(Coming Soon)



Use Case: Backup power

Micro grids and data centers

Output: ~120 KW

Emissions-compliant alternative to industrial diesel units

AQUAVolt²



EV Level 2 charging station
Power: 11-22 KW
Plug-in ready, attached to 35 kw power system

AQUAVolt^{MAX}

(Coming Soon)

(Fast Charger)
Power: Up to 180 KW
Completely-Independent from the grid



3 MW-Class Engine

(Coming Soon)

Developing in collaboration with global OEM for hyperscale data centers



TECHNOLOGY OVERVIEW

A DROP-IN ENGINE BREAKTHROUGH-SIMPLIFIED.



Controlled, Cool Combustion

Our system transforms how fuel burns — slashing emissions, minimizing engine wear, and unlocking powerful, reliable performance like never before.



Smart Fuel Mix: Water + Ethanol

We inject a unique blend: 70% water, 30% ethanol. This cuts fuel costs dramatically and burns cleaner than diesel.



Efficient, Clean Power Output

Delivers high torque at low RPMs with significantly reduced emissions — ideal for clean, efficient power.

AQUASTROKEM



SEAMLESS
INTEGRATION



Why It Wins

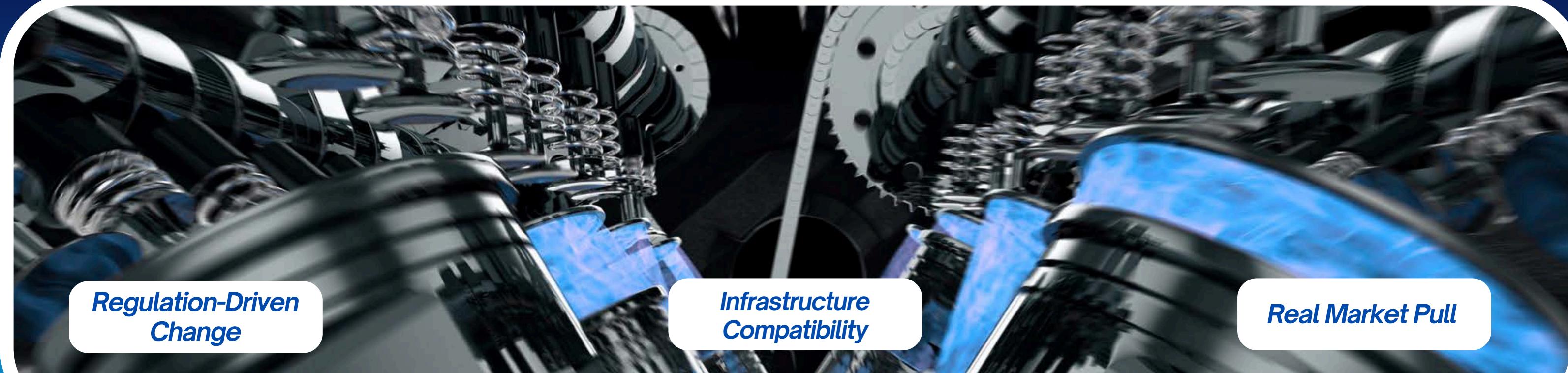
Lower fuel and maintenance costs
Cleaner than diesel—with no grid dependency
Scalable via licensing—Utilizing existing infrastructure



[TECHNOLOGY VIDEO LINK](#)

\$280 Billion+ Global combustion engine market ready for disruption

A rare alignment of regulation, demand, and industrial urgency is unlocking a massive market for clean, drop-in solutions.



Regulation-Driven Change

Governments worldwide are phasing out diesel and mandating cleaner alternatives—creating compliance urgency across sectors.

Infrastructure Compatibility

The global engine base is already built. Solutions that work with existing platforms can scale quickly without retooling.

Real Market Pull

Engine OEMs, utilities, and municipalities are actively seeking clean, high-performance replacements for diesel to meet ESG and performance goals.

BUSINESS MODEL

FROM CORE COMBUSTION TO FULL DEPLOYMENT—
DELIVERING A PROFITABLE, SCALABLE MODEL THAT
POWERS THE ENTIRE ECOSYSTEM.

Licensing

- License AquaStroke engine technology to OEMs and engine manufacturers
- Earn upfront fees and recurring royalties per unit produced

Manufacturing & Sales

- Option to purchase engines at wholesale from licensed OEMs
- sell complete generator or charger units to end customers

Distribution Partnerships

- Authorize certified distributors to sell MayMaan-powered products
- Collect distribution and sales rights fees

Recurring Revenue

- Maintenance and service contracts with revenue-sharing models
- Fuel supply agreements (ethanol-water mix) to ensure warranty compliance

LEADERSHIP BUILT TO SCALE CLEAN POWER



EXECUTIVE MANAGEMENT TEAM



Joe Nakash
Chairman

Founder and chairman of a multi-billion-dollar conglomerate, which includes an international hotel chain, a private jet chartering service, and real estate assets encompassing international landmarks and luxury hotels.



Doron Shmueli
CEO & Founder

Doron is a successful entrepreneur and engineer with over 30 years of experience in the business and technical fields. He has founded several successful companies and holds numerous patents.



Eitan Shmueli
President

Eitan is an experienced entrepreneur and inventor in the solar and renewable energy fields, with expertise in clean tech, energy production, energy efficiency, and design for manufacturing.



John Shmueli
CTO

Jon is an experienced inventor and engineer with a deep understanding of science & engineering. He is the key inspiration behind the MayMaan engine technology and continues to generate innovative ideas.



Guy Levy
CFO

Guy Levy is a seasoned CFO with over 25 years of experience in the tech industry, with a focus on financial leadership and startup growth. He has held CFO and VP roles at companies in diverse industries.

ADVISORY BOARD



Yedidia Yaari
Vice Chairman

Yedidia is the former President & CEO of RAFAEL Armament Development Authority Ltd., a leading contributor to defense systems R&D.



Malcolm Hoenlein
Advisory Board

Malcolm I. Hoenlein is a leading American Jewish strategist and longtime Executive Vice Chairman of the Conference of Presidents. He has shaped U.S.-Israel relations and global Jewish advocacy for decades.



Simon Boag
Advisory Board

Simon is a Managing Partner at IncWell. Prior to this, he served as the CEO of Stage 2 Innovations. He also has over 25 years of senior executive experience in the auto industry.



Philip Fowler, III
Strategic Advisor

Philip is President, Chief Operating Officer and a Board Member of Geneva Corporation. Prior to joining Geneva in 1993, Mr. Fowler was Executive Vice President of Hatteras Yacht Company.

Thank you

Get In Touch



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