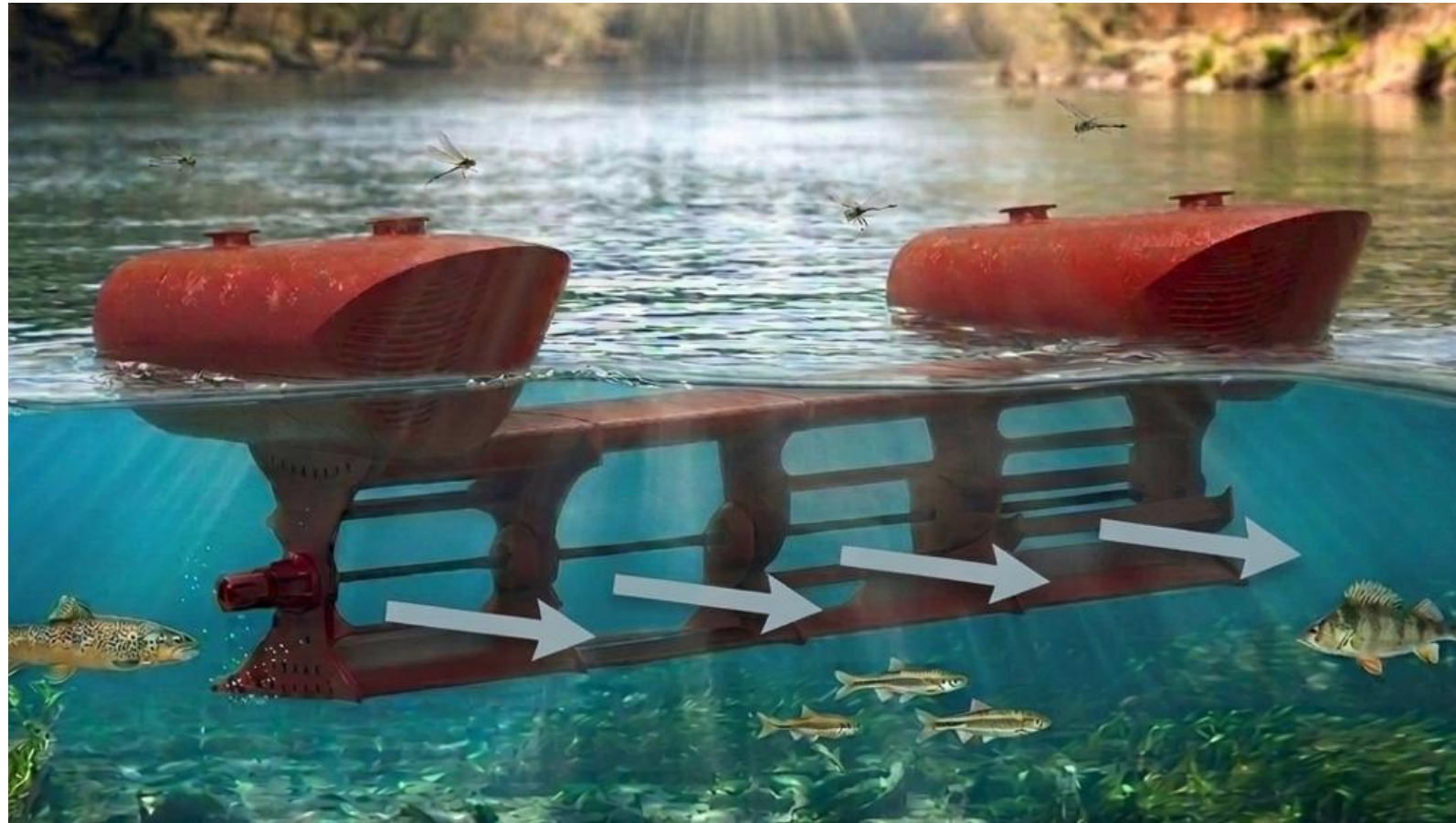
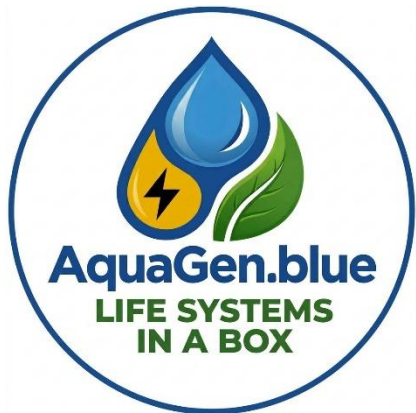


# AQUAGEN: LIFE SYSTEMS IN A BOX

Power, Clean Drinking Water, Irrigation: from Slow Moving Water

Replace \$1.00/kWh Diesel Power with \$0.10/kWh Micro Hydro

Rapid ROI < 14-month payback



# REPLACING VOLATILE DIESEL WITH \$0.10 BASELOAD HYDRO

## PROBLEM

**Diesel Cost:** \$0.80 to \$1.00/kWh.

**Logistics:** Theft & delivery risk.

**Solar/Wind:** Intermittent.

## SOLUTION

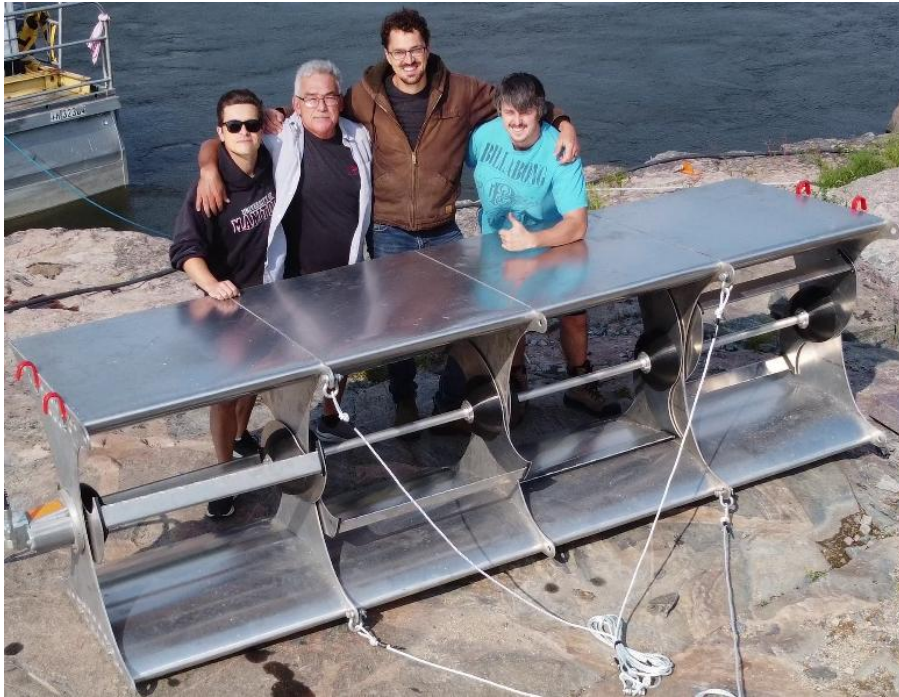
**AquaGen Barracuda** ~ \$0.10/kWh

**Low Flow:** Works in slow water (~2.0 m/s).

**24/7 Baseload:** Continuous, reliable power.

**No Heavy Infrastructure:** e.g. cranes.

2



**NATO - Funded R&D Milestone:** 66% weight reduction 1st Gen AquaGen Barracuda (150kg) on left, to 2nd Gen (50kg)

# CAPTURING HIGH-MARGIN OFF-GRID ENERGY MARKETS

3

**Target: Millions of Diesel Gen Sets | <14-Month Payback**



**Off-Grid Communities:** Empowering 650 million people in the developing world still living in the dark.



**Forward Operating Bases:** Lowering fuel consumption to minimize fuel convoy vulnerabilities.



**Remote Mining:** Slashing diesel tax and generating power for a dime.



**Disaster Relief:** Reliable power when the grid fails.

# BARRACUDA: INDUSTRIAL POWER MADE PORTABLE

4



**Life Systems in a Box:** Delivers electricity, clean drinking water or irrigation.



**Low Flow Optimization:** Full power at  $\sim 2.0$  m/s (4.4 mph) water speed.



**24/7 Baseload-Power:** Continuous output, unlike solar & wind.



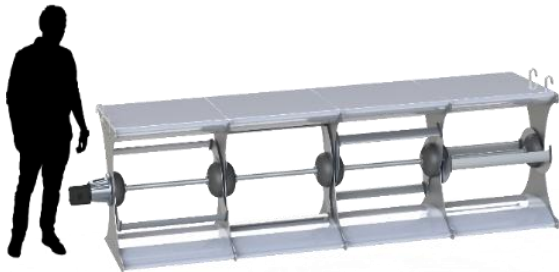
**Rapid Deployment:** Portable setup by 2 to 4 people.



**Infrastructure-Free:** Zero cranes, dams or concrete.



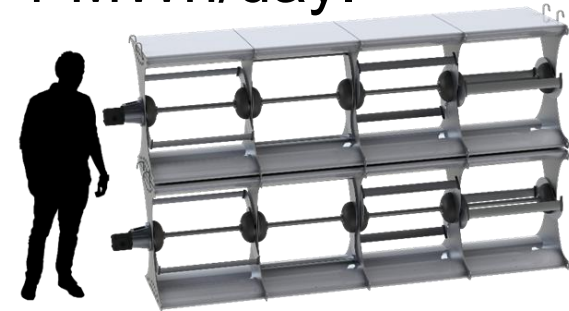
**Modular & Scalable:** Expands from 100 kWh/day to 1 MWh/day.



Single Barracuda 100 kWh/day



Barracuda Float 100 kWh/day



Barracuda Stack 200 kWh/day

# BARRACUDA: CLEAN, RELIABLE COMPETITIVE EDGE

5

| Solution                                                                                                           | 24/7 Baseload                                                                        | Rapid Setup                                                                          | Low Cost                                                                             | Environment                                                                          |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Traditional Hydro                 |   |   |   |   |
| Diesel Gen Sets                   |   |   |   |   |
| Solar / Wind                      |   |   |   |   |
| <b>AquaGen<br/>Micro Hydro</b>  |  |  |  |  |

# BARRACUDA AI-POWERED RELIABILITY

6

## **Predictive Maintenance & Diagnostics**

**Continuous Health Monitoring:** AI scans internal sensor telemetry 24/7 to catch anomalies early

**Drastic Cost Reduction:** Prevents catastrophic failures before they happen in remote environments

## **Computer Vision Debris Tracking**

**River Intelligence:** Edge-AI cameras detect approaching river debris and biofouling risks

**Maximized Uptime:** Automated alerts trigger self-cleaning before intake blockages drop power

## **Aqua Cloud Microgrid Forecasting**

**Predictive Power Output:** AI analyzes upstream weather data to forecast power 48 hours ahead

**Smart Load Matching:** Helps isolated communities and bases balance microgrid loads efficiently

# AQUAGEN BUSINESS / REVENUE MODEL

7



**Lean Operations:** outsourced global manufacturing



**Scale:** sales via distributors and regional partners



**High Margins:** targeting **50+%** diesel displacement



**Traction:** fulfilling **50+** units in LOIs



**Financing:** using EDC to de-risk international sales



**Minnow:**  
2.4 kWh/day



**Trout:**  
14.4 kWh/day



**Barracuda:**  
100+ kWh/day scalable up to 1 MWh/day

# PROGRESS TOWARD COMMERCIAL DEPLOYMENT

8



**Signed Expressions of Interest:** 50+ units (\$2 million).



**Grant Funding:** \$2M+ Non-Dilutive Capital.



**Technology Readiness Level:** TRL 7 Field Tested.



**Logistics:** 66% reduction (150kg to 50kg, NATO-funded).



**Industry Recognition:** NATO, Barclays Bank, World Clean Tech.



# AQUAGEN MANAGEMENT TEAM

9



**Mac Brown** 🇨🇦

**CEO:** 40+ years Commercializing/  
Manufacturing, Energy, Rebel.com,  
Corel Computer, General Dynamics,  
Sun Microsystems



**Derek Neufeld** 🇨🇦

**CTO:** 20+ years,  
Mechanical/Electrical  
Engineer, Hydrokinetic  
Expertise, Product Dev



**David Meranze** 🇳🇴

**Chief Strategy and  
Development Officer:** 30+  
years in Global Capital  
Markets, Asia Expansion



**David Gilbert** 🇬🇧

**VP Marketing:** 30+ years  
B2B Television, Discovery  
Channel,  
National Geographic



**Shezad Abedi** 🇬🇧

**COO:** 30+ years in energy  
hedging, finance  
and restructuring



**Dr. Eric Bibeau** 🇨🇦

**Hydrokinetic Expert:**

30+ years, aka Dr. Renewable,  
Professor at U of Manitoba, CEO at  
Canadian Hydro Kinetic Turbine  
Testing Center (CHTTC)



**John Harrington** 🇨🇦

**CFO:** 40+ Years, KPMG,  
Auditor General Canada,  
Corporate Restructuring,  
Business Valuations, Fraud



**Chris Napior** 🇨🇦

**VP Global Business  
Development:** 30+  
years working with the  
Pentagon, NASA,  
Siemens



**Mike Doiron** 🇺🇸

**Manufacturing & Supply Chain  
Advisor:** 35+ Years, Newbridge,  
JDS, Celestica, Amazon,  
FLEX, Jabil



**Frank Cantor** 🇺🇸

**Technology & Strategy  
Advisor:** 45+ years IBM,  
Lexmark, Invented Smart  
Card

# AQUAGEN: CONTINUOUS POWER. NO FUEL. LOWER COST

10

**Massive Market:** Replacing \$1.00/kWh

diesel with **\$0.10/kWh** clean power.

**Technology:** Scalable micro-hydro.

**Use of Funds:** Accelerate 24 Month  
Commercialization Runway

**Traction:** Commercial Letters of Intent

**Contact: Mac Brown (CEO)**

invest@aquagen.blue

[www.aquagen.blue](http://www.aquagen.blue)

Illustrative configuration: 4 X 100 kWh/day Barracuda Micro Hydro units ~ 400 kWh/day output; Scalable to 1 MWh/day



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