CIVILIZATION IN A BOX

(Energy, Irrigation or Clean Drinking Water from slow-moving water)

Replace $1.00 Diesel Power with $0.10 Micro Hydro

$30K Annual Savings | < 14-month payback

Illustrative configuration: 4 X Barracuda Micro Hydro units ≈ 400 kWh/day output

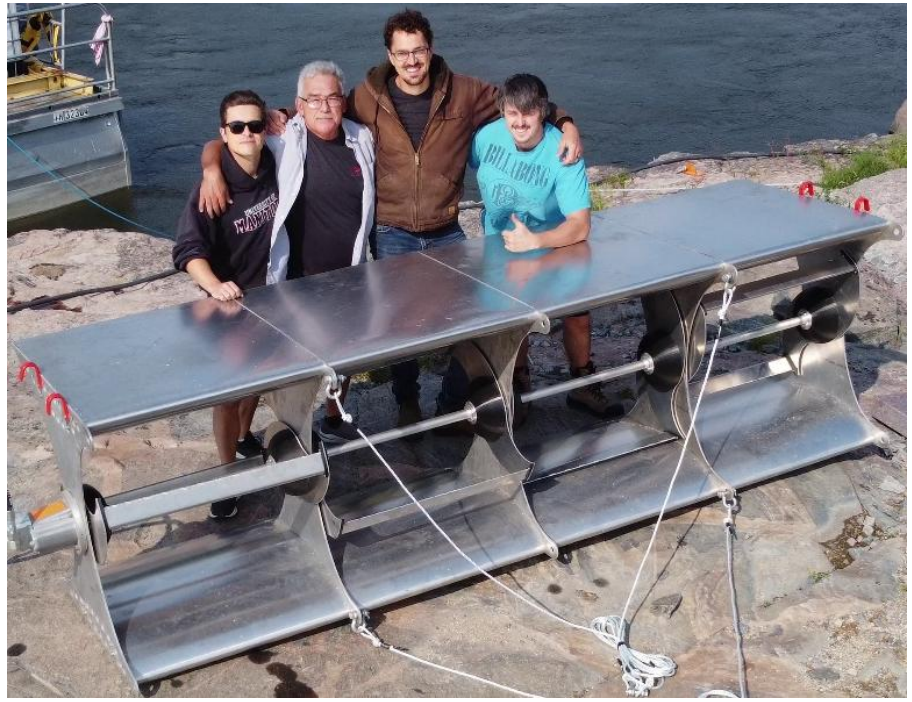
THE DIESEL ERA IS OVER: THE $0.10 FUTURE IS HERE

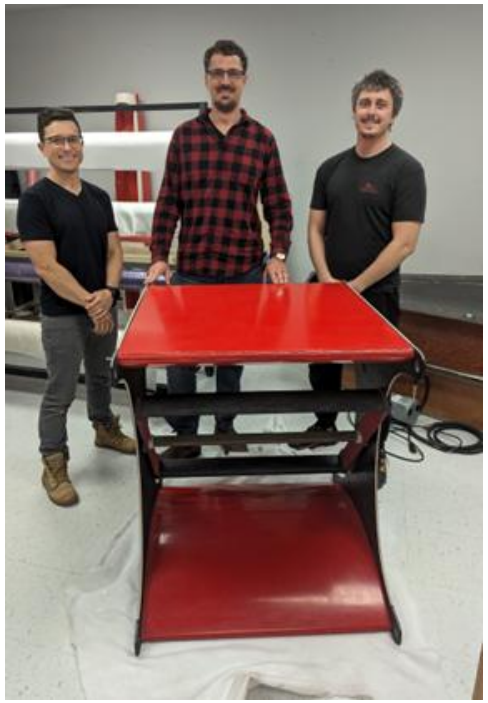
PROBLEM

Diesel: $0.80 to $1.00 /kWh
Logistics: cost, 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 infrastructure required: (cranes)





NATO - funded R&D: achieved a 66% weight reduction from 1st Generation Barracuda (150kg) on left, to 2nd Generation (50kg)

DIESEL REPLACEMENT

Target: Millions of Diesel Gensets | <14-Month Payback

- **Off-Grid Communities:** empowering 666 million people living in the dark
- **Forward Operating Bases:** eliminating 10x cost and risk of fuel convoys
- **Remote Mining:** slashing diesel tax, and generating power for a dime
- **Disaster Relief:** reliable power when the grid fails

BARRACUDA: INDUSTRIAL POWER MADE PORTABLE

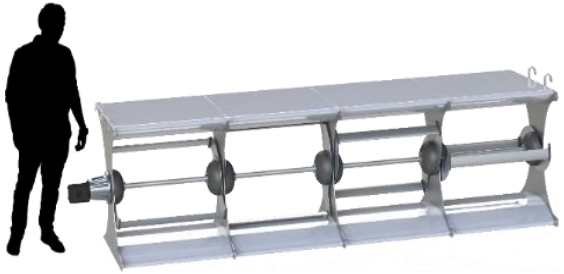
Low Flow Optimization: full power at ~ 2.0 m/s (4.4mph) water speed

24/7 Baseload Power: continuous output, unlike solar & wind

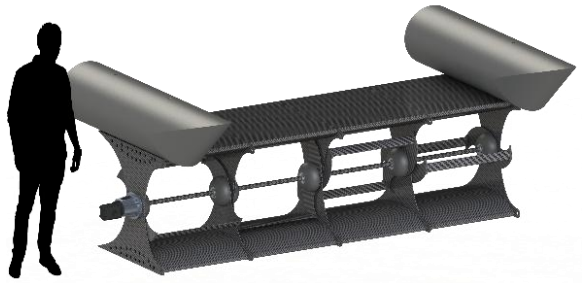
Rapid Deployment: portable setup by 2 to 4 people

Infrastructure-Free: zero cranes, dams or concrete

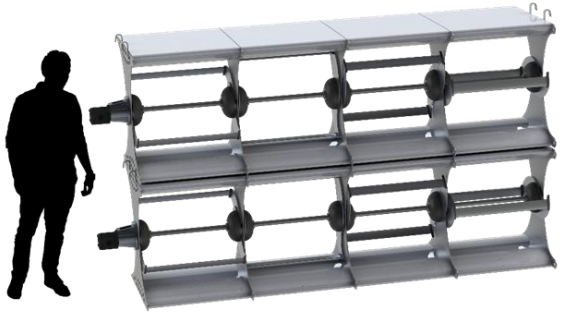
Modular & Scalable: expands from100 kWh/day to 1 MWh/day



Single Barracuda 100 kWh/day



Barracuda Float 100 kWh/day



Barracuda Stack 200 kWh/day

BARRACUDA: CLEAN, RELIABLE COMPETITIVE EDGE

Solution	24/7 Baseload	Rapid Setup	Low Cost	Environment
Traditional Hydro	✓	✗	✗	✗
Diesel Gen Sets	✓	✓	✗	✗
Solar / Wind	✗	✓	✓	✓
AquaGen Micro Hydro	✓	✓	✓	✓

BARRACUDA AI-POWERED RELIABILITY

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

PROGRESS TOWARD COMMERCIAL DEPLOYMENT

Letters of Intent: 1,000+ units

Grant Funding: $2M+ Non-Dilutive Funding

Technology Readiness Level: TRL 7 Field Tested

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

Industry Recognition: NATO, Barclays Bank, World Clean Tech

NATO OTAN

Defence Innovation Accelerator for the North Atlantic

AQUAGEN BUSINESS / REVENUE MODEL

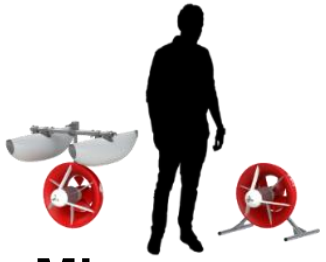
Lean Operations: outsourced global manufacturing

Scale: sales via distributors and regional partners

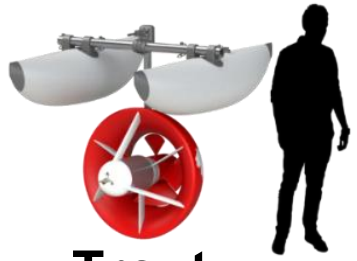
High Margins: targeting **50+%** diesel displacement

Traction: fulfilling **1,000+** units in LOIs

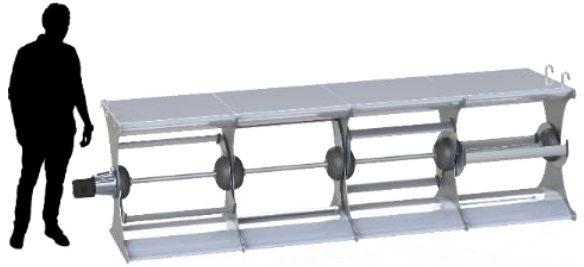
Financing: using EDC to de-risk international sales



Minnow:
2.4 kWh/day



Trout:
30 kWh/day



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

AQUAGEN WORLDWIDE TEAM

Mac Brown

CEO: 40+ years Commercializing/ Manufacturing, Energy, Rebel.com, Corel Computer, 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 Napier

VP Global Bus Dev: 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: IBM, Lexmark, Invented Smart Card

AQUAGEN: CONTINUOUS POWER. NO FUEL. LOWER COST

Massive Market: Replacing **$1.00/kWh** diesel with **$0.10/kWh** clean power

Technology: Proven, scalable hydrokinetic "Civilization in a Box"

ROI: 100%+ projected Year 3

Traction: $20M post-money valuation with a clear 36-month growth runway

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CIVILIZATION IN A BOX

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