

# The Future of Marine E-Mobility

**The Opportunity** -Electric watercraft have struggled to gain widespread adoption in the marine motorized industry due to fundamental physical constraints. Traditional electric boats require large, heavy batteries, making high-speed travel inefficient and limiting range. Hydrofoil technology overcomes these challenges by significantly reducing drag, enhancing energy efficiency, and delivering a smooth, exhilarating ride with improved seakeeping abilities.



**The Challenge** - Despite their advantages, hydrofoils—across all size classes—are inherently unstable and complex to control. Conventional hydrofoil designs are expensive, making them inaccessible for mass adoption in the effort to decarbonize marine mobility. Current solutions fail to balance cost, ease of use, and durability.

**Our Mission** - To democratize hydrofoil technology across multiple size classes and applications, making it the standard for waterborne transportation and recreation.

**Our Solution** - LEVEL Hydrofoils has developed a self-stabilizing electric hydrofoil watercraft featuring a patent-pending single-strut hydrodynamic design and an advanced proprietary control system.

**Market Focus** -Our initial market entry is through the eFoil sector, targeting two primary customer segments; Private consumers seeking a premium, easy-to-use hydrofoil experience; Eco-tourism and expedition enterprises looking to offer unique, sustainable marine adventures.

**Future Markets** - Our scalable technology extends far beyond recreational eFoils; Commercial and passenger vessels – providing clean, energy-efficient transportation solutions; Naval and defense applications – enabling high-speed, low-drag, and stealthy watercraft for tactical operations.

**Competitive Advantage** - LEVEL Hydrofoils is the first and only company to successfully operate a single-strut hydrofoil eFoil. This breakthrough design offers:

- Cost-efficiency – Simpler, more affordable production compared to traditional hydrofoils.
- Versatility – Scalable to various vessel types and operational needs.
- Robustness – Enhanced durability and reduced maintenance costs.

**Current Stage & Growth Strategy** - LEVEL Hydrofoils has reached the Minimum Viable Product (MVP) stage, securing paid pre-orders globally. We are currently raising a Seed funding round to launch the first batch of self-stabilizing personal watercraft, positioning us for rapid growth in the expanding eFoil market.

**The Team** - LEVEL Hydrofoils' R&D center is based in **Haifa, Israel**, led by co-founders Arthur Yanai and Assaf Friedman. Arthur, the CEO, is a water sports professional, inventor, and former Navy SEALs technology officer with extensive experience in leadership and product innovation. Assaf, the CTO, is an engineer specializing in electric power systems, robotics, and hydrofoil dynamics, bringing deep technical expertise to the team.