



Dais Analytic Corporation, using its patented nanotechnology materials and processes, is selling & developing products addressing key needs of growing global markets:

Energy Saving —Heating, Ventilation, and Air-Conditioning (HVAC)

- Dais's energy efficient HVAC solutions address a US domestic market size of **\$79 billion**, and **\$189 billion** internationally².

Water Treatment & Desalination

- *American Water Works Association* estimates: approximately **\$30 billion** for membrane-based systems.
- *Water Group of Seidler Companies* estimates US water infrastructure needs exceed **\$5 trillion** internationally by 2028.

Energy Storage

- Ultra-capacitors are devices that have energy storage comparable to batteries but are more powerful and less expensive Market size is estimated to be in excess of **\$16B** by 2014 (Frost & Sullivan).

Business Model

The Company is selling product and continuing to develop additional products around its nano-structured materials/processes focusing on large energy and water industry needs seeking better energy efficiency at a lower cost. Dais is growing channel alliances, and strategic relationships allowing for more rapid commercialization of its innovative nanotechnology based solutions.



is a "family" of products used in the Heating, Ventilating, and Air Conditioning (HVAC) industry achieving untold energy efficiencies (in excess of 50%)¹, having lower carbon emissions while providing superior comfort and Indoor Air Quality ("IAQ").

ConsERV - Ventilation is the Company's three-time industry award winning commercial product in the HVAC market for Energy Recovery (\$1B market segment in North America growing 8% or more per year)². The product manages energy found in the exhaust airstream of HVAC equipment to pre-condition the air from the incoming air stream reducing energy usage, meeting fresh air ventilation standards, and allowing for smaller HVAC plant configurations. ConsERV is certified by the *Air-Conditioning, Heating and Refrigeration Institute*, several large US utilities, and the leading industry associations in the US, and Europe (Horb—Luzern)³.

Dais is beta prototyping —and securing key channel partners— a revolutionary, break-through process useful in heating, cooling, ventilating, and humidifying/dehumidifying homes, buildings, schools, transportation vehicles, etc. The process is **NanoAir** simple, cost effective, and proven. NanoAir uses water, the Company's nano-materials, commercially available parts, and existing industry installation techniques to reduce energy consumption by more than 50%, lower carbon footprint over 57%, while providing unparalleled comfort and Indoor Air Quality (IAQ).⁴

NanoClear is a low temperature/pressure water desalination and clean up technology in the prototype stage. NanoClear addresses significant water industry issues of membrane fouling, system CAPEX/OPEX, and effluent disposal. The process provides clean water from human or industrial effluent, seawater, and brackish water doing so using thermal energy. NanoClear is projected to use an industry setting .75—3k/WH ('all-in') or less of energy per M³ of water produced at a delivered cost of less than \$.25 / M³.

Additional Investment Considerations

Pipeline of future products under development (select few...)

Ultra-Capacitor - An energy device capable of storing large amounts of charge usable over time. A US industrial giant's research center has demonstrated Dais's materials possess key technical advantages (high breakdown voltages, and dielectric permittivity's) for use in this 'super batter' application.

Immersion Coatings - Coatings which inhibit attachment & growth of marine life (barnacles, algae, mold, etc.) providing superior performance for ships, fish nets, water exhaust grates, interior pipe wall coating, etc.

Patents

Proprietary nano-structured materials, processes, and applications with seven granted patents, and seven pending.

Management

Strong expertise in channel development, nanotechnology polymers, finance, outsourced manufacturing, technical marketing, and project management.

Risk Mitigation

Dais is a compelling investment given the large revenue potential, and the diversity of applications. Targeted applications are in large (existing, new, or underserved) worldwide markets focused on providing clean water, lowering carbon emissions using energy efficient, cost effective products.

Footnotes:

(1.) AHRI Standard 1060 testing, June 2005, June 2006, July 2007, and July 2008, (2.) Frost and Sullivan North American Marketplace study, June 2007, (3.) Florida Power and Light ConsERV study concluded in April, 2004., and (4.) National Renewable Energy Laboratory project summary, July 2006.