



## S U S T A I N A B L E   S O L U T I O N S   T E A M

### Clean Energy Product/Process Development

#### What We Do:

How can Vista help? We have renowned engineering and scientific expertise to assist with process/product design and optimization. For instance two of our chemical engineers are well known specialists in membrane filtration, Chromatography, Predictive Process and Chemical Characteristic Simulant development, Environmental Simulation Program (ESP) Modeling. These are very specialized process engineering expertise used in the refinery and pharmaceutical industries. We also have bench depth for process optimization engineering, Instrumentation and Controls, multi-variate risk assessment, computational fluid dynamics, 3-D modeling, Mechanical/hydraulic/thermal process design, modeling. We have a number of LEED AP's and CEM's as well to support design, O&M efforts.

#### Who We Serve:

Our engineering team has/is working on a number of "clean energy" technologies for companies you know:

1. Infinia Corporation (Concentrated Solar Power)
2. Washington State University BSEL (BioMass Pretreatment Reactor)
3. Energy NW (nuclear power reactor, and 9 Canyon Wind Farm)
4. Inentec – Waste to Energy Plasma Enhanced Melter (PEM)
5. Lower Snake River Wind Farm (PSE)
6. Dept. of Energy-RL (Hanford VTP - Alternative Energy source)

Our ties to the clean-energy industry - through a network of strategic partners and consultants - allows Vista to leverage a world-class knowledge base applied locally.

#### How We Serve:

Vista is an engineering consulting firm. We're not a manufacturer or reseller. We solve problems with sustainable solutions. To date Vista has not purchased or invested in any ownership role for any of these technology corporations. We manage and maintain intellectual property for our clients with utmost care. That is crucial in our business and one of the reasons we continue to be sought by early-stage product developers. This also establishes credibility when Vista recommends a particular clean energy technology. We are not viewed suspiciously by potential purchasers. Rather our endorsement is viewed more as a third-party evaluator.

Though high value engineering has driven consistent corporate growth, Vista remains a small business partner. Choosing and selecting targeted projects and clients, and providing them with the utmost care and attention to detail serves our business development model and promotes our corporate values.