

## The Next Generation of ATAD Technology

- **Unique Multi-Stage Counter Current Flow**

- Optimized Temperature Profile
- Maximum internal Heat Recovery

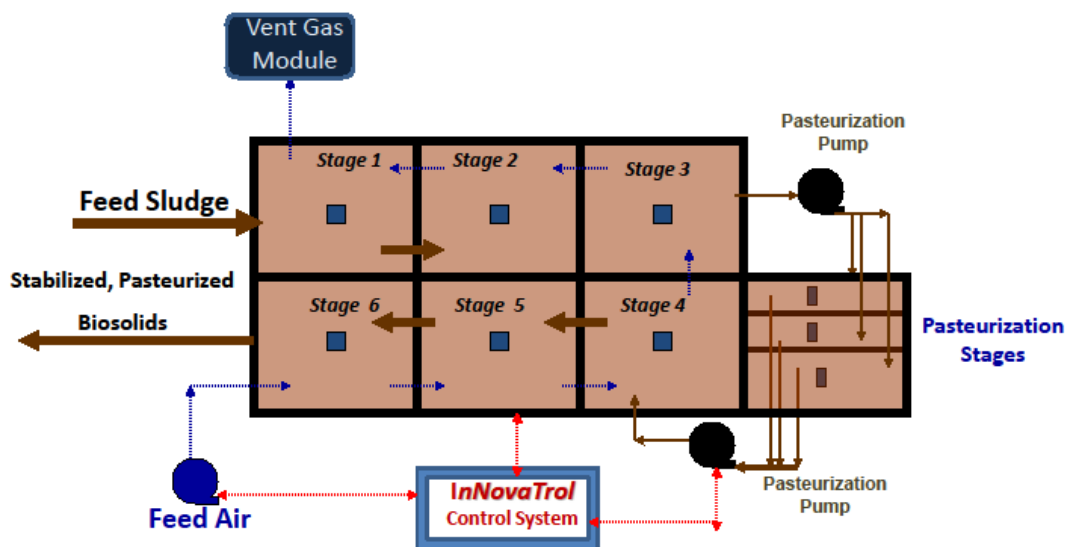
- **Most Efficient Aeration & Mixing System**

- High Oxygen Transfer Efficiency & Uniform Mixing

- **Over 30 years of ATAD Experience**

- Most Advanced Integrated Process & systems model

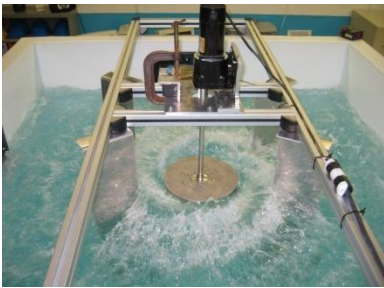
### *InNova ATAD Process Schematic*



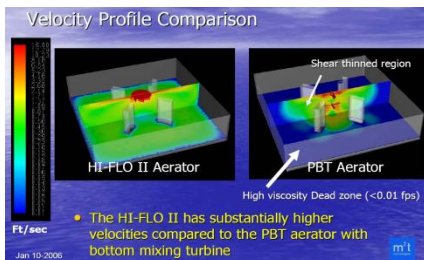
# The *InNova* ATAD Advantage

- ❑ Staged System Significantly Reduces Vent Gas Emissions
- ❑ High Energy Efficiency at High Temperatures and Solids
- ❑ Unique Flow Configuration Provides Internal Heat Transfer
- ❑ Simple Mechanical Design Reduces O&M Costs
- ❑ Operation with Air or Oxygen as the Feed Gas

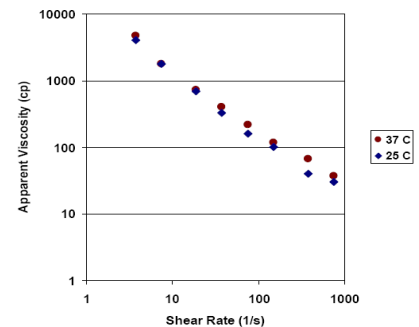
## Putting Technology to Work



Laboratory &  
Large Scale  
Test Facilities



Advanced  
CFD  
Modeling



For Additional Information Contact

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