Process Intensification — A New Paradigm

**Traditional Manufacturing**
- Large-scale
- Energy intensive
- Complex series of steps
- High maintenance
- Inefficient use of waste

1/3 of energy used in the U.S. is by the manufacturing sector

**Leaner, Greener, Cleaner, Safer**

**Process Intensification**
- Modular
- Combined steps
- Agile
- Energy efficient
- Cost effective
- Technology driven

**Benefits**
- Increased productivity & efficiency
- Increased process safety
- Increased quality & waste reduction
- Reduced capital & operating cost
- Increased workforce development
- Increased sustainability

For more information, please visit www.aiche.org/rapid or email rapid@aiche.org