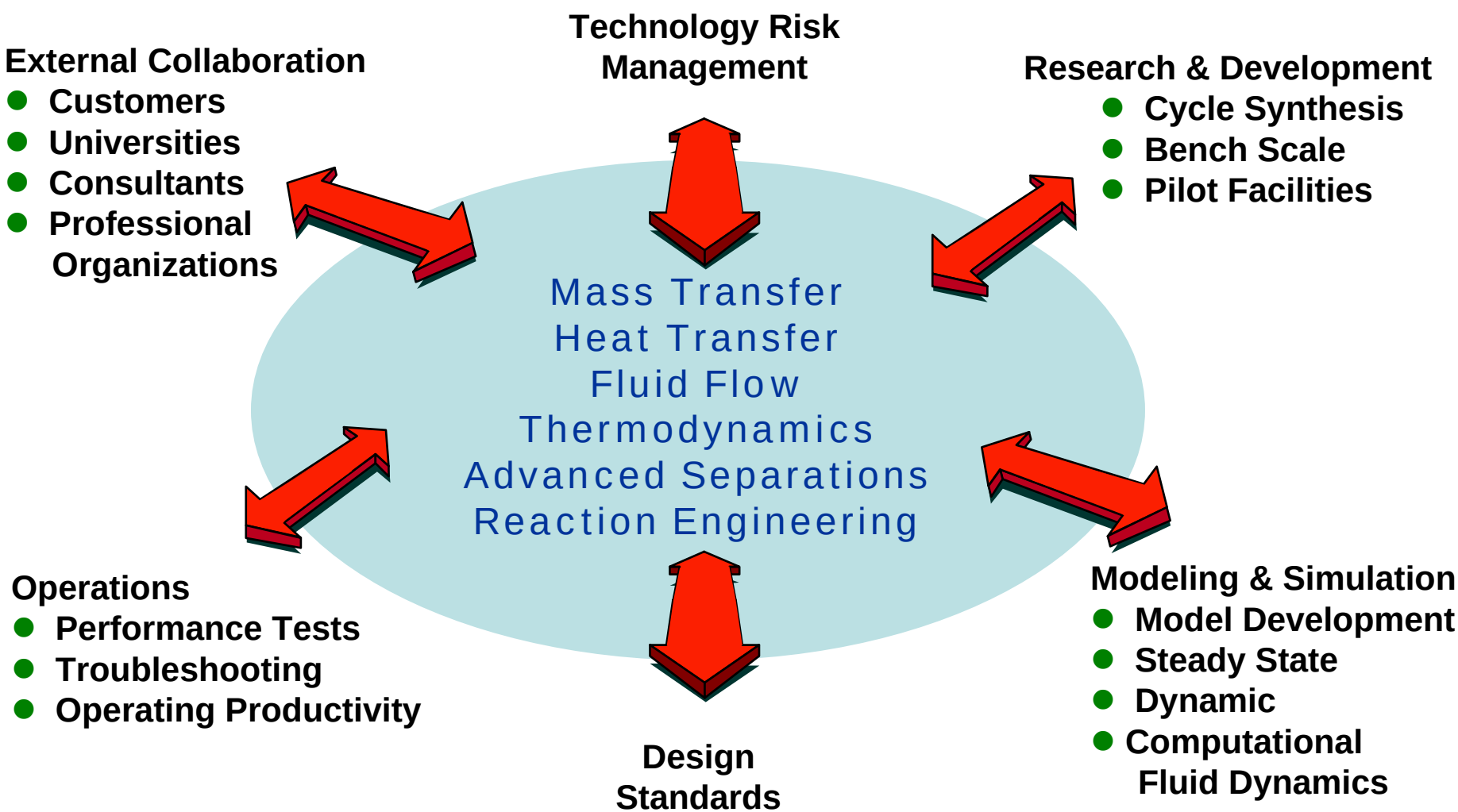Research Opportunities: Engineering: Disciplines and Activities