



JUST THE FACTS

THE BIG PICTURE

In December 2016, the U.S. Department of Energy established the Rapid Advancement in Process Intensification Deployment (RAPID) Institute, the 10th Manufacturing USA Institute. We define process intensification as “any technology development that leads to substantially smaller, cleaner and more energy-efficient processes.”

RAPID will advance process intensification by helping industry to:

1. Rethink process design in a systematic way.
2. Modularize processes to make them more efficient.
3. Train and educate the workforce to operate these new technologies.
4. Reduce cost, reduce waste, improve process and energy efficiencies, and enhance safety.

Members as of
March
2019:

75

Member of Forbes
Global 2000:

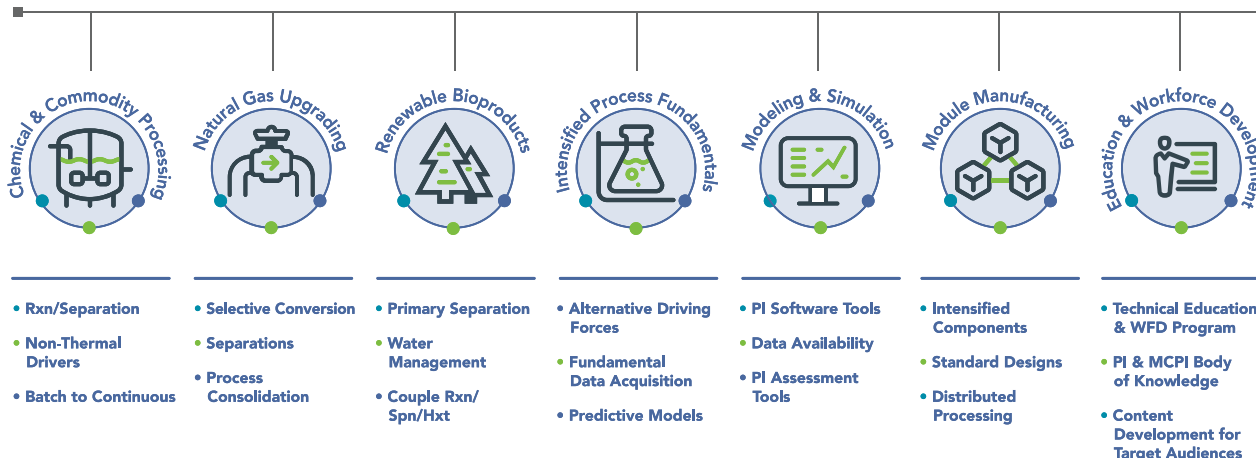
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RAPID'S BIG IDEA

At RAPID, we believe in unleashing the power of American ingenuity through Process Intensification. If done properly, we can reengineer chemical and industrial processes across a variety of industries to improve energy efficiency, reduce cost, and optimize yield while increasing reliability and safety.

Innovative technologies and sustainability are at the heart of what we want to accomplish. Advanced Manufacturing in the 21st Century must become leaner, cleaner and greener so that we can reach our full potential, remain competitive, attract and retain skilled talent and protect our resources.

RAPID'S BIG FOCUS



RAPID'S IMPACT

32 research projects to-date	121 project proposal submissions	\$150+M* public-private partnership
1900 people trained*	1 x 10⁸ MMBTU/yr energy saved	20 students participated in RAPID's Intern Program to-date
2 Education and Workforce Development projects to-date	10 Webinars	6 eLearning Courses**

*Over RAPID's Projected Lifetime

**Projected for 2019

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