

Mission

The Industrial Technologies Program seeks to improve the energy intensity of the U.S. industrial sector through a coordinated program of research and development, validation, and dissemination of energy efficiency technologies and operating practices.

ITP partners with industry, its equipment manufacturers, and its many stakeholders to reduce our Nation's reliance on foreign energy sources, reduce environmental impacts, increase the use of renewable energy sources, improve competitiveness, and improve the quality of life for American workers, families, and communities.

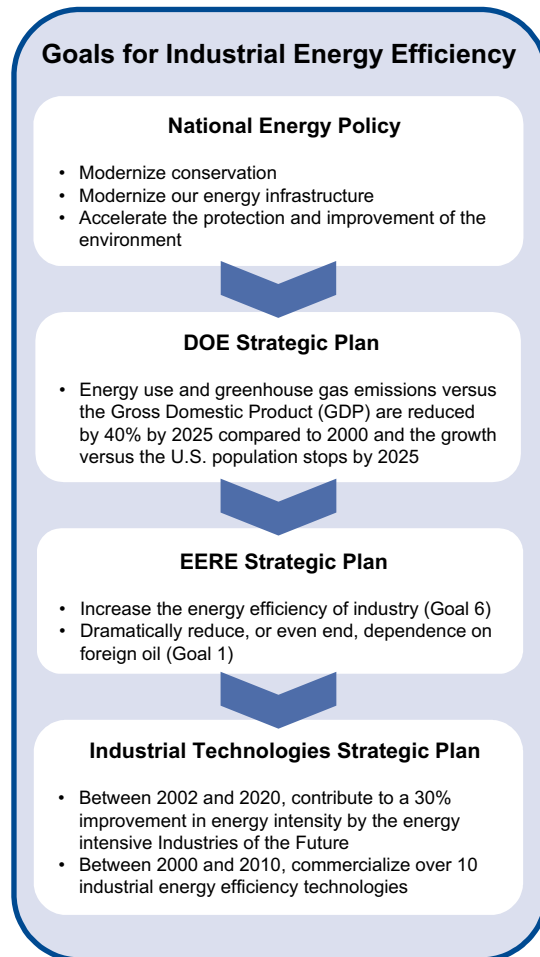
Vision

ITP strives for a world in which U.S. goods are recognized for their extraordinary quality, are produced with minimal energy and environmental impact, are designed for durability and recyclability, and are manufactured with modern technology and practices to ensure our Nation's continued economic vitality and energy security.

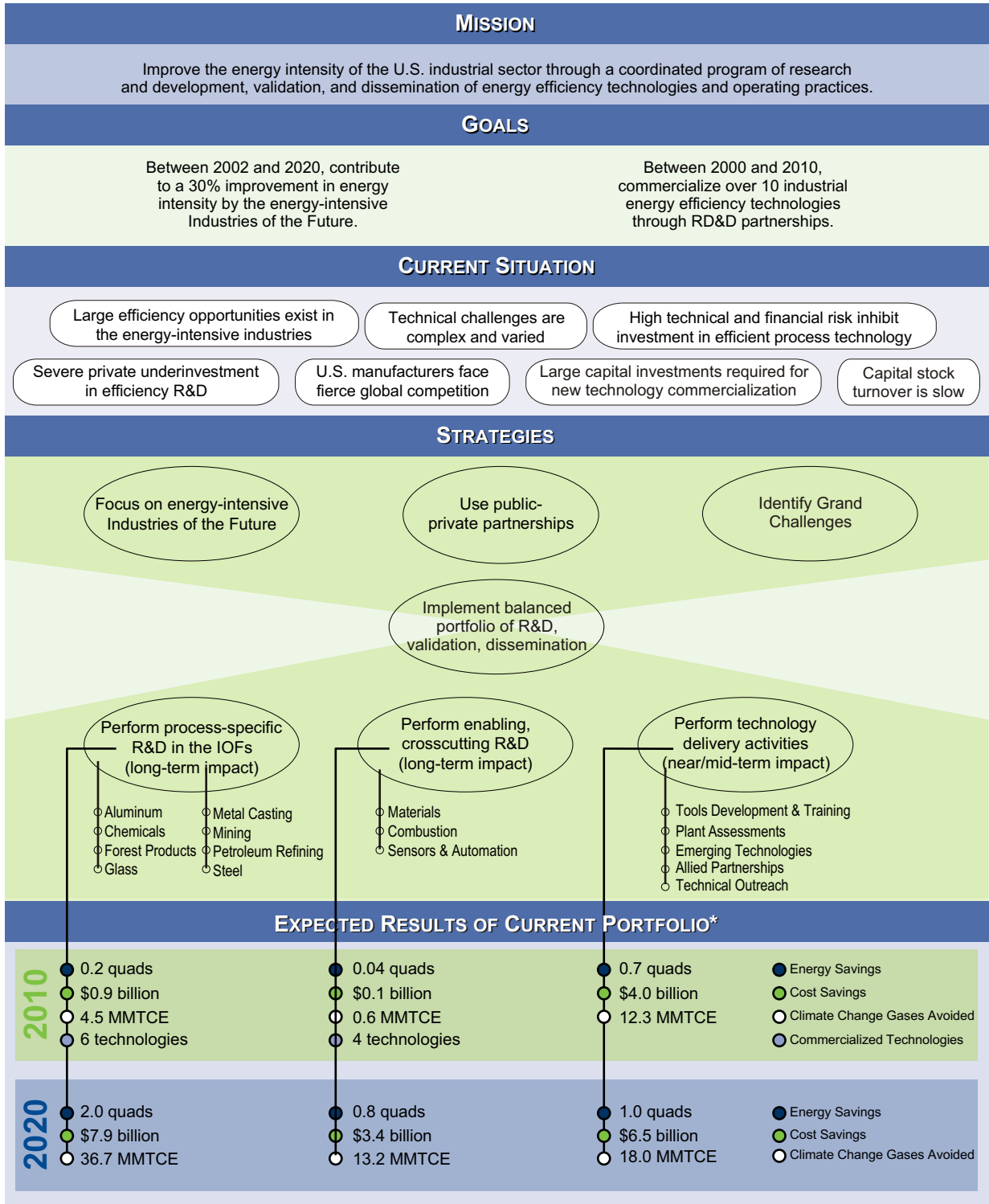
Goals

To achieve its mission and vision, ITP develops and promotes technologies and practices that help industry use less energy per unit of output. Reducing energy intensity is the key to increasing energy efficiency in industry without impeding economic growth.

- Between 2002 and 2020, contribute to a 30 percent decrease in energy intensity (Btu per unit of industrial output as compared to 2002) by the energy-intensive Industries of the Future (a potential savings of 3.8 - 4.5 quads).
- Between 2000 and 2010, commercialize over 10 industrial energy efficiency technologies through research, development, and demonstration (RD&D) partnerships.



Strategic Overview of the Industrial Technologies Program



*Based on fiscal year 2003 technology portfolio. Assumes continued public and private RD&D investments comparable to current levels. Total results may be lower due to competing technologies that target the same market opportunity.



Reducing industrial energy intensity will also contribute to the following ITP objectives:

- **Environmental Quality** - Develop and promote technologies and practices that minimize environmental impact and promote sustainability during the production life cycle.
- **Yield Improvement/Resource Conservation** - Develop and promote technologies and practices that improve product yield and promote resource conservation during the production life cycle. Pursue a "systems" perspective that employs techniques such as materials substitution and waste elimination, reduction, reuse, and recycling.
- **Economic Viability** - Support the development of energy-saving technologies that enhance the competitiveness of U.S. industry by improving product yield, quality, durability, recyclability, and life cycle cost.
- **Energy Security** - Support the development, validation, and implementation of energy-saving technologies that promote independence from foreign energy sources, provide resistance to foreign price competition, and encourage sustainable production capability in the United States for our energy-intensive industries.

Core Values

In ITP, we believe that the mark of a truly great organization is its people. We embrace and promote the EERE core values of Pride and Passion, Excellence, Optimism, Precision, Leadership, and Education. We bring these core values to our partnerships, our interactions with our stakeholders, and our teamwork with our fellow EERE programs. We strive to:

- foster an environment where individual initiative and accomplishments are valued in a team setting.
- be a world-class leader in all aspects of our operations, including development of our leadership skills.
- continuously improve and grow as an organization and as individuals in all that we do.
- deliver customer satisfaction as dependable and reliable partners.
- provide a workplace that creates spirit, energy, and respect as employees participate in reaching our mutual goals.
- uphold our role as stewards of the public trust.

