

CLIMATE POLICY PRINCIPLES

Climate change is a global challenge that requires long-term commitment and action by every segment of society. ACC has adopted a set of principles for reducing worldwide greenhouse gas (GHG) emissions. A combination of technology, market-based, and policy solutions will be necessary to reduce GHG emissions and achieve climate goals, such as those of the Paris Agreement.

Climate policies must ensure the competitiveness of U.S. manufacturing. Many of the products made by energy-intensive, trade-exposed industries help society reduce GHG emissions. These industries are essential to achieving climate progress.

IMPROVING PERFORMANCE IN OUR COMPANIES

ACC's Sustainability Principles include a commitment to achieving measurable reductions in GHG emissions in the manufacture and distribution of our products. Responsible Care® is the foundation for our industry's commitment to sustainability.



RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

CHEMISTRY ENABLES SOLUTIONS THAT HELP REDUCE GHG EMISSIONS

Many energy-saving and renewable products and technologies rely on chemistry



HOMES & BUILDINGS

- High-performance insulation, windows, and piping
- Cool roof coatings
- Energy-efficient lighting
- Low-temperature detergents



TRANSPORTATION

- Polymers for vehicle and airplane weight reduction
- Lubricants for engine efficiency
- Low-emission refrigerants for air-conditioning systems
- Products & technologies for electric cars



RENEWABLES

- Silicones and nanotechnology for solar panels
- Composites for wind turbines
- Energy storage solutions
- Electronics for smart grids

...and many more!

NEW U.S. CHEMICAL PRODUCTION IS ENERGY-EFFICIENT

ADVANTAGE: UNITED STATES



Plentiful and affordable natural gas and NGLs have led to new chemical industry investment in the U.S. – more than \$200 billion worth since 2010.

The new U.S. chemical industry production (e.g., new facilities, capacity expansions) is state-of-the-art and energy-efficient.

As the U.S. chemical industry draws market share from abroad, we're displacing legacy capacity that is older and more GHG-intensive. This helps reduce net global GHG emissions.

