



Promoting the Transition to Hydrogen in the Energy Field

**NATIONAL HYDROGEN ASSOCIATION**

Managed by Technology Transition Corporation

## **Key Hydrogen Messages: Quick-Reference**

*Speak with the common voice of hydrogen industry and communicate these key hydrogen messages to your audiences.*

- 1. Increased use of hydrogen as a fuel can provide benefits to energy security, the environment and economic growth.**
  - a. Hydrogen can benefit energy security through energy diversification as it can be produced from a variety of primary energy sources, including renewables. For this reason, hydrogen can be an alternative to oil.
  - b. Hydrogen can benefit the environment because it can be produced and used in ways that improve health-related air quality and reduce greenhouse gas emissions.
  - c. Hydrogen can contribute to economic growth through job development, investment opportunities, and the creation of a sustainable, secure energy supply.
  
- 2. Hydrogen-powered products are in use today, and hydrogen use will increasingly accelerate over the near to mid term (5 to 15 years) as the technologies and infrastructure evolve.**
  - a. There are emerging products in three key areas: grid-connected and off-grid power, portable electronics, and transportation. (*see examples below*)
  - b. The technology for producing hydrogen from a variety of resources, including renewables, is evolving.
  - c. Government support is needed to address critical areas of research and to help demonstrate early applications of the production, distribution and use of hydrogen fuel.

**Target Audiences:** Not specified