



### Tapping Pennsylvania's Potential

Mining the collective knowledge of stakeholders from the public and private sector, the goal of the Ben Franklin Shale Gas Innovation and Commercialization Center (SGICC) is to identify and commercialize emerging technologies that support responsible exploration, extraction, and use of the natural gas located in Pennsylvania's Marcellus and Utica shale formations.

The Center offers access to the latest research along with financial and business support services to entrepreneurs, emerging start-ups, and high-growth companies engaged in developing new applications in this industry.

### The Center's Strategies

- Identifying emerging technologies, markets, and applications for natural gas
- Providing capital to accelerate commercial enterprises and encouraging investment in gas-related enterprises
- Supporting research related to the safe and efficient extraction/transportation of natural gas
- Encouraging collaborative industry-university efforts by linking researchers, industry partners, investors, end-users and government agencies

### Fueling our Economy

Supporting research that creates new business opportunities surrounding the shale gas industry will further increase the availability of sustainable, high-paying jobs, generate billions in tax revenue, and supply Pennsylvania with clean, affordable energy for years to come.

### Areas of New Research

- Determining the feasibility of converting heavy trucks to a "dual fuel" model
- Using industrial waste materials to develop proppants for the drilling process
- Connecting operators of shallow natural gas wells with local end-users
- Understanding the remediation of acid mine drainage water for use in hydro-fracturing operations

### Partnering Organizations

The Shale Gas Innovation and Commercialization Center is an initiative of Ben Franklin Technology Partners (<http://www.cnp.benfranklin.org>). For a listing of SGICC partners and advisors, visit [www.sgicc.org](http://www.sgicc.org)

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