



Exploring Regional Opportunities in the U.S. for Clean Energy Technology Innovation

*Insights from University-Hosted Events
Held During the Spring and Summer of 2016*

Volume 2: University Reports
October 2016



U.S. DEPARTMENT OF
ENERGY

About the Cover

The images on the cover represent regional capabilities and resources of energy technology innovation across the United States from nuclear energy to solar and photovoltaics, and smart grid electricity to clean coal and carbon capture.



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Disclaimer

This volume is the second of two volumes and is comprised of reports written and produced by the indicated universities. The views expressed in these reports represent the views of the participants in the events and do not necessarily represent the views of the Department or the Administration.

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Preface

This report is Volume II of a two-volume report on regional events regarding clean energy technology innovation. Mission Innovation spurred interest in regional clean energy technology and innovation across the nation. During April through September 2016, leading U.S. research universities launched a series of regional dialogues of national importance to examine the clean energy technology and innovation challenges and opportunities in their regions. This volume provides a compilation of the individual event reports provided to the Department by many of the universities that hosted an event.

During some of the events, the conversation also touched on how regional partnerships could be developed and used to accelerate clean energy innovation. As in the National Academies report “The Power of Change,” these events highlighted that a regional approach to clean energy technologies can leverage the broadly recognized strengths of regional innovation, with the drivers to deliver local solutions for sustainable, reliable, affordable energy.¹ The university-hosted events attracted a diverse mix of more than 1,200 stakeholders, including leaders from federal, state, and local governments; industry; DOE national laboratories; academia; economic development organizations; and nongovernmental organizations (NGOs). The agendas (Volume I, Appendix A) reflect the wide range of energy-related topics that were addressed. Thirteen of the events were focused on clean energy technology innovation, while a fourteenth event held by Tuskegee University focused on Historically Black Colleges and Universities and Advancing Minorities’ Interest in Engineering, with a focus on science, technology, engineering, and math (STEM) education. A DOE webinar was held on September 29, 2016, to enable hosting universities to broadly share their outcomes.

Volume I and Volume II can be found at <http://www.energy.gov/mission-innovation/university-forums>.

¹ National Academies of Science, Engineering, and Medicine, “The Power of Change – Innovation for Development and Deployment of Increasingly Clean Electric Power Technologies,” The National Academies Press, 2016 pp.

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