



# NREL Research Energizes American Innovation

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Dec. 3, 2018

# NREL at a Glance

1,850

**Employees,**  
plus more than

**600**

early-career researchers  
and visiting scientists



**World-class**

facilities, renowned  
technology experts

nearly  
**820**

**Partnerships**

with industry,  
academia, and  
government



**Campus**

operates as a  
living laboratory

**\$1.1B**  
annually

**National  
economic  
impact**

# NREL's Science Drives Innovation



## Renewable Power

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Solar  
Wind  
Water  
Geothermal



## Sustainable Transportation

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Bioenergy  
Vehicle Technologies  
Hydrogen



## Energy Efficiency

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Buildings  
Advanced Manufacturing  
Government Energy  
Management



## Energy Systems Integration

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High-Performance  
Computing  
Data and  
Visualizations



# Partnering Gives U.S. Businesses a Competitive Advantage

**817** active partnerships with industry, academia, and government

In 2018, NREL had:

272

new  
**partnership agreements**

\$70  
million  
value

of new  
**partnership agreements**

269

**unique new** partners

528

**unique active** partners

# Working with NREL

NREL works closely with industry, academia, government, and diverse outside businesses to foster collaborative ventures through several funding mechanisms.

- Cooperative Research and Development Agreement (CRADA) or Strategic Partnership Projects (SPP)
- Agreement for Commercializing Technology (ACT) – Model Program for the DOE Lab System





NREL's Industry Growth Forum is a venue for growing companies to prepare, refine, and present their businesses to a wide range of investors. Over \$6B in capital raised by presenting companies since 2003

- **Industry Growth Forum | May 2019 Denver, CO**
- **Emerging Markets Day | May 2019 Denver, CO**



## Innovation Incubator (IN<sup>2</sup>)

### Fostering a Smart and Connected Community

- ❑ Innovation Incubator (IN<sup>2</sup>) is a **\$30 million program** funded by the Wells Fargo Foundation supporting innovative technologies and innovators
- ❑ IN<sup>2</sup> is positioned to help companies think about their end customer, providing technical assistance that leverages NREL capabilities, facilities, equipment and expertise, as well as the buildings portfolio of Wells Fargo to help companies **derisk technologies and ease their path to market adoption and deployment**
- ❑ To date, IN<sup>2</sup> has funded 20 early-stage companies who have gone on to raise \$89.5 million in follow-on funding from external sources.
- ❑ IN<sup>2</sup> is designed to support technologies and startups at various stages of development, including:
  - Tier I: Lab Bench Scale
  - Tier II: Prototype
  - Tier III: Commercially-ready

Founded  
by:







NREL leads **America's**  
energy future