

## NREL Research Energizes American Innovation

Bill Farris 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

### Partnerships

with industry, academia, and government

nearly 820

### Campus

111

operates as a living laboratory

National economic impact

\$1.1B annually

## NREL's Science Drives Innovation

Renewable Power

> Solar Wind Water Geothermal

Sustainable Transportation

Bioenergy Vehicle Technologies Hydrogen Energy Efficiency

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#### Buildings

Advanced Manufacturing

Government Energy Management

## Energy Systems Integration

High-Performance Computing

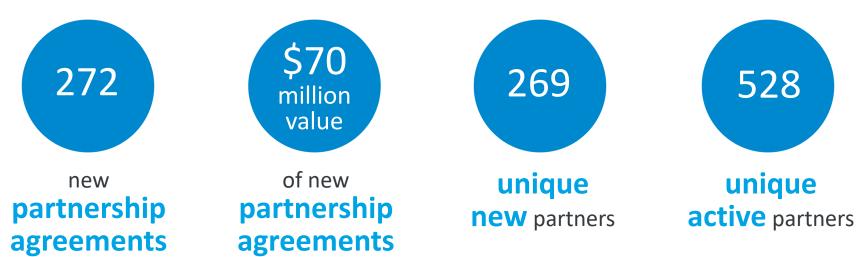
> Data and Visualizations



# Partnering Gives U.S. Businesses a Competitive Advantage

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

## In 2018, NREL had:



# 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



# NREL leads America's

# energy future