



# A Look at the Dominion Energy Innovation Center

January 31, 2023



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# THE DOMINION ENERGY INNOVATION CENTER

Founded in 2009 as a public private partnership between Activation Capital, Dominion Energy, Hanover County, and the Town of Ashland, the DEIC is supporting the high-tech entrepreneurs and small business owners driving the innovations needed to achieve a net-zero carbon economy.



# DEIC SERVICES

## One-on-One Mentoring

Helping entrepreneurs from idea to acceleration cultivate the necessary skills and expertise to succeed at business.

## Subject Matter Expertise

Connections to industry experts that have “been there, done that” and succeeded in the utility and energy world.

## Networking

Providing members a high quality outlet to meet other entrepreneurs and innovators through events and community coworking areas.

## Startup Events

Workshops, fireside chats, and business competitions are only a few of the many public events that members can weekly attend.

## Business Competitions

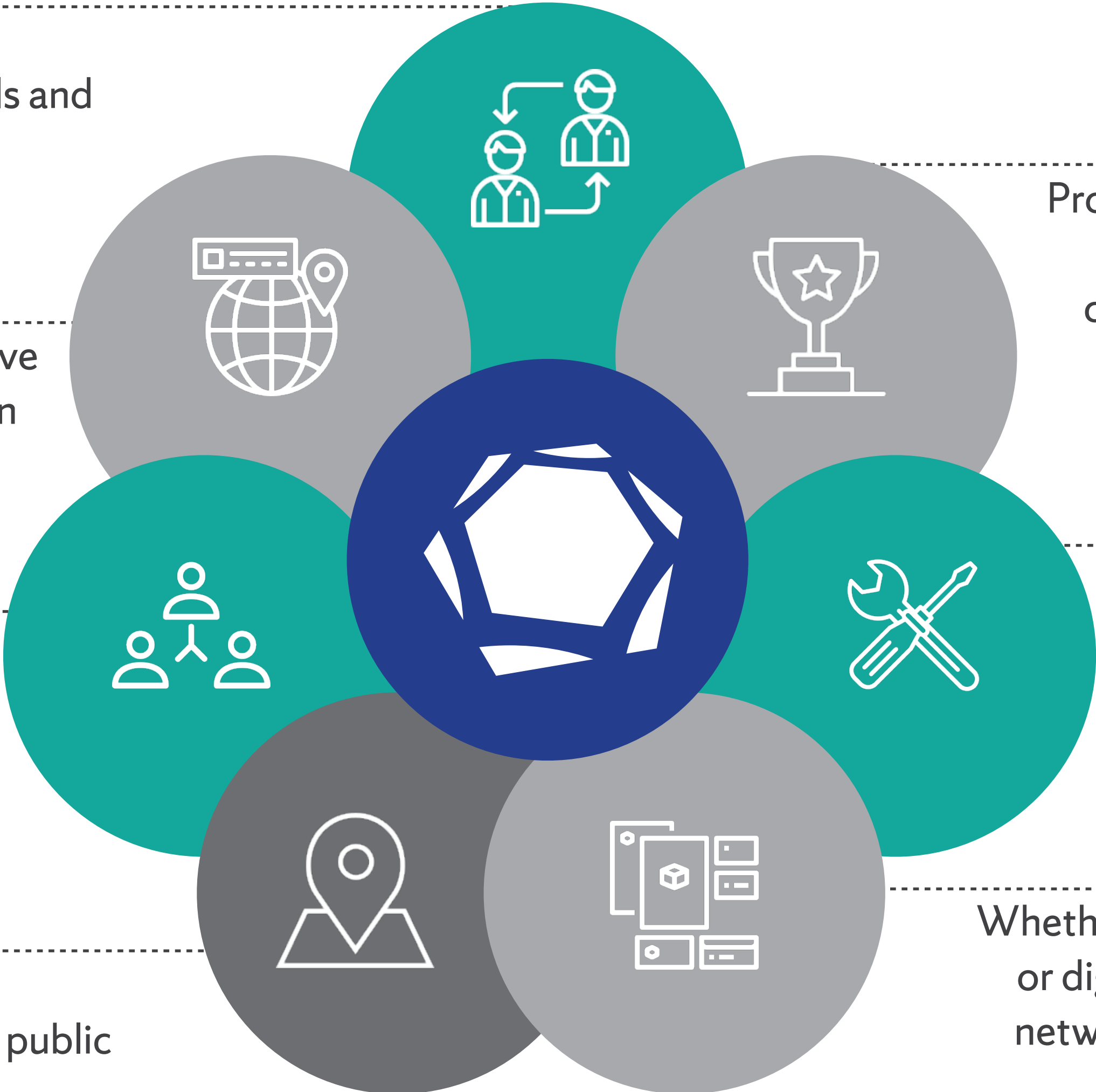
Providing non-dilutive financing through a number of specialized business competitions that operate at the local, regional, and national level.

## Workshop/R&D Space

6,000 sq. ft. of coworking space offers a light manufacturing and laboratory setting for hardware based companies.

## Technical Assistance

Whether financial modeling, product design, or digital development, the DEIC staff and network experts are able to help members accelerate towards product launch.



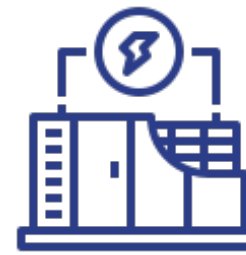
# INDUSTRIES SERVED

As a multidisciplinary, energy focused entrepreneurship resources center, the DEIC serves a wide constituency of member companies. Many of the startups fall into the following categories, however, the DEIC can help any entrepreneur.



## Power Generation

Micro-grid to utility scale wind, solar, hydro, natural gas, nuclear, and hydrogen



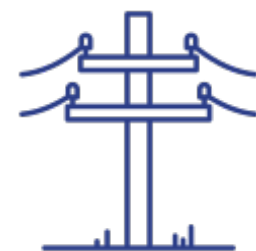
## Energy Storage

Battery storage, hydrogen production and storage, vehicle to grid, etc.



## Grid Resilience

risk assessment, grid reliability, vegetation management, etc.



## Transmission & Distribution

Advanced conductors, synchrophasors, unmanned systems, etc.



## Data/Analytics

Predictive maintenance, machine vision, customer journey mapping, etc.



## Smart Infrastructure

EV charging, vehicle and building to grid, smart city technology, etc.



# A COLLABORATIVE WORKSPACE

## The Space

The DEIC offers flex office and light R&D space in downtown Ashland (the Center of the Universe) for co-working, ideation, coaching, and team meetings, as well as networking events, workshops, venture demos, and product launches. Ashland's version of "WeWork."



## Highlights

- 6,000 Sq Ft total
- 850 Sq Ft workshop/R&D space
- 13 private and open offices (reservable)
- 2 private conference rooms seating 6+ (reservable)
- 20 seat co-working area (unreservable)
- Fully stocked coffee bar for members

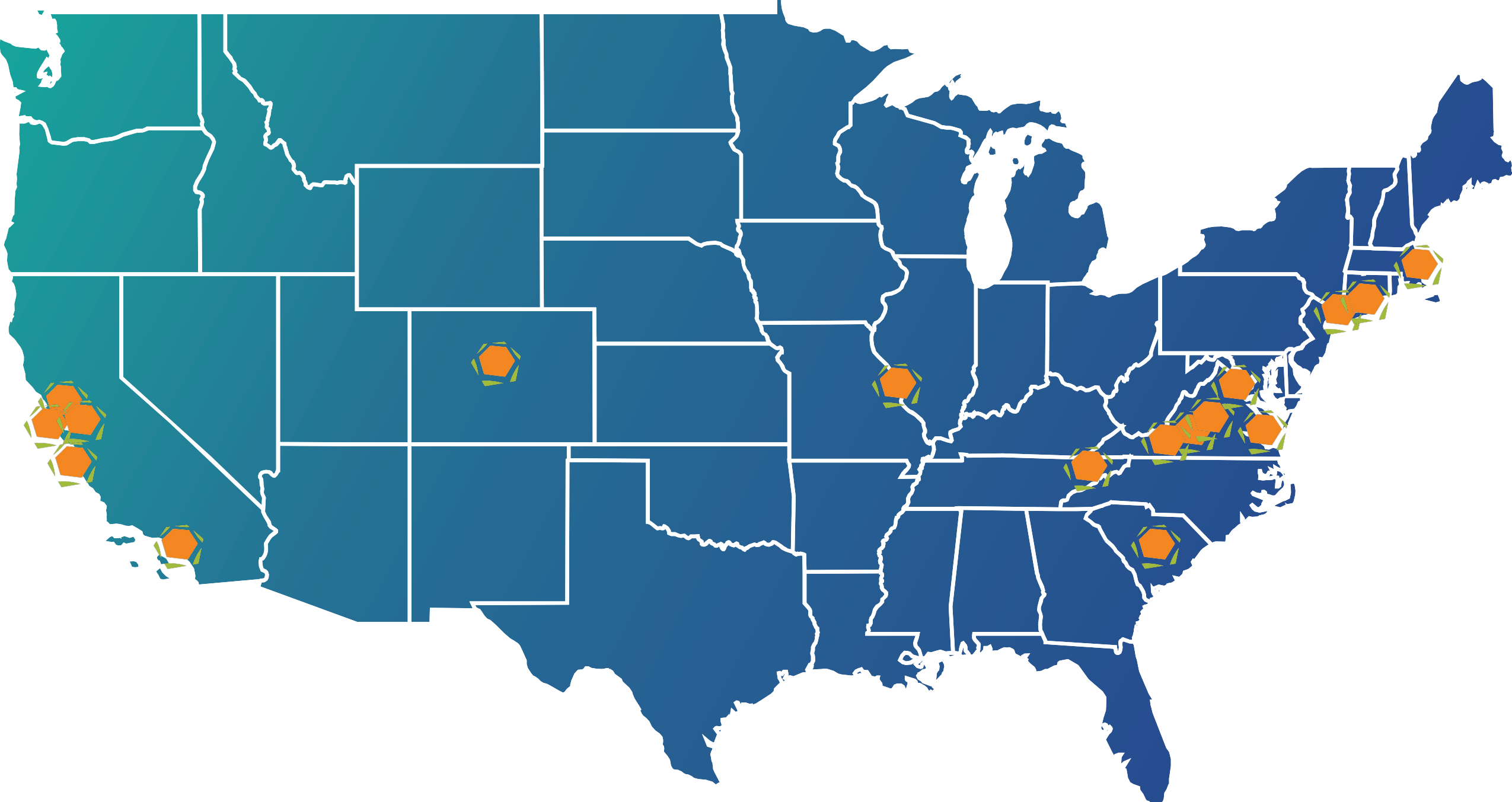
# PARTNERSHIPS AND PROGRAM SUPPORTERS



# DEIC ACCELERATE BY THE NUMBERS

## A National Portfolio of Companies

DEIC Accelerate is an 18-week business development and deployment accelerator designed to support late-stage startup companies serving the utility and energy industries. Participants have spanned Dominion's business territory and represented **9 states**.



**2020**

PROGRAM  
LAUNCHED



**22**

PROGRAM  
COMPANIES



**\$132 M**

INVESTMENT  
RAISED



**490**

JOBS  
SUPPORTED





# SPARK VIRGINIA

## Net-Zero Needs Nuclear... and Hydrogen... and YOU!

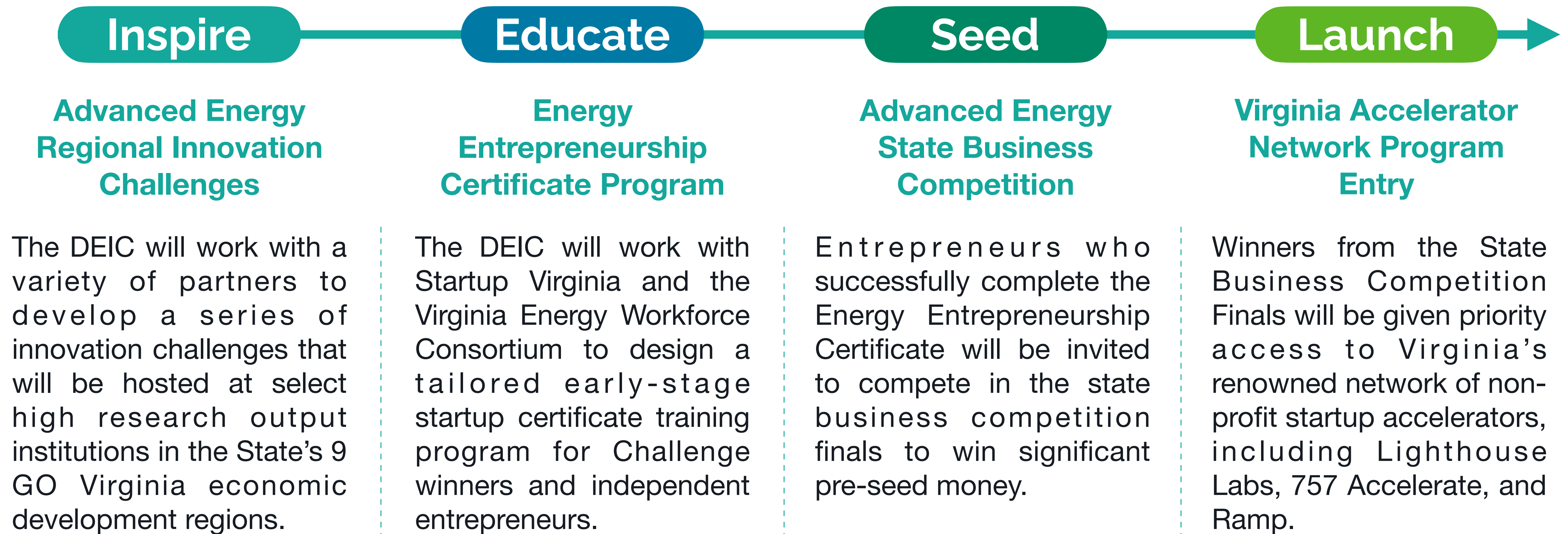
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# SPARK Virginia Overview

SPARK Virginia adds another element to the DEIC's work: identifying, educating, and supporting early-stage advanced energy startups. SPARK builds an innovation cluster creating solutions for the entire value chain - making it safer and easier to build, generate, transmit, and consume advanced nuclear and clean hydrogen energy in Virginia and beyond.



# EPIC Prize Challenge

The U.S. Department of Energy's (DOE) Office of Technology Transitions (OTT) developed EPIC to encourage robust growth of regional energy innovation ecosystems across the United States. Innovation ecosystems, or clusters, increase the productivity of start-ups, drive the direction and pace of innovation, and stimulate the formation of new businesses.



Applicants in each track do not compete against each other **in the first 2 phases**. In the Prove It phase, applicants from each track **DO compete against each other**, but at least one winner will be awarded per track.





SPARK RVA

February 23 & 24

VCU da Vinci Center

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VIPC



# SPARK RVA Innovation Challenge

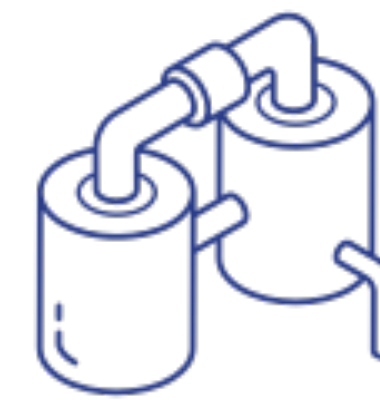
Awarding **\$8,500 in grants** to help hydrogen, nuclear, and advanced energy innovators explore commercialization of their technology...



Energy Production Systems



Cryogenics and Heat Transfer



Alloys and Membranes



Storage and Transportation



Industrial Controls and Sensors

SPARK RVA will award unrestricted commercialization grants to inventors and engineers in nuclear and hydrogen hard-tech fields to buy equipment, run more experiments, or get a company off of the ground.



# SPARK RVA Structure and Schedule

Challenge participants will spend 24-hours answering three simple questions about their technology/IP and then pitch to a panel of industry judges to win prize money and gain valuable feedback.

***SO WHAT? / WHO CARES? / WHY YOU?***

Throughout the 24-hour challenge period, participants can join interactive business model design workshops led by professional trainers, hear from industry experts about the exciting future that lays ahead, and tour cutting edge labs at our host campus.

## Thursday, February 24

PM

<b>5:00 pm</b>	Check-in & Reception
<b>5:30</b>	SPARK RVA Welcome
<b>5:30-6:30</b>	Industry Innovation Perspectives Panel
<b>6:30-7:00</b>	Networking & Teaming
<b>7:00-8:00</b>	Startup Design Workshop
<b>8:00-Close</b>	Open Work

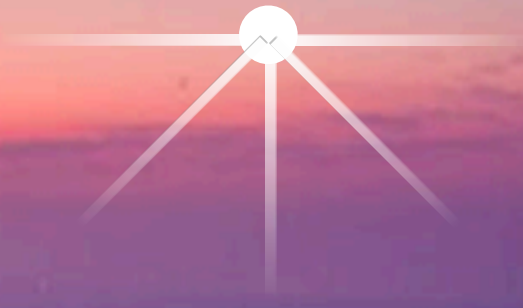
## Friday, February 24

AM to PM

<b>7:30-9:30</b>	Drop-in Breakfast
<b>8:00-3:00</b>	Open Work, Lab Tours, Startup Workshops
<b>2:00</b>	Submit Concepts
<b>2:30-3:30</b>	Team Pitches
<b>3:30-4:00</b>	Networking Reception & Pitch Deliberation
<b>4:00-5:00</b>	Awards



# Get Involved Today!



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
**NUCLEAR ENERGY**



**DOMINION ENERGY**  
**INNOVATION**  
**CENTER**



# OUR CONTACT INFORMATION

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[braden@dominnovation.com](mailto:braden@dominnovation.com)



[DomInnovation.com](http://DomInnovation.com)



[.../company/dominion-energy-innovation-center](https://www.linkedin.com/company/dominion-energy-innovation-center)