

energy + environmental sciences resource guide

Empowering Energy & Environmental
Innovators: The Corridor's Guide to
Success in Central Florida

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Throughout Central Florida, the Energy & Environmental Sciences industry cluster thrives as a powerhouse, employing 15,000 individuals and generating over \$2.5 billion in revenue in Orange County alone. Recognizing the pivotal role this industry plays in combating climate change and fostering innovative energy solutions across Florida, The Corridor proudly supports members of the Energy & Environmental Sciences industry cluster.

This guide offers insight on the resources available to propel entrepreneurs, innovators, and technology developers toward new opportunities, success, collaboration and exponential growth.



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The logo for 35 Mules Innovation Hub is a large green circle containing the text "35 Mules" in a bold, black, sans-serif font. Below "35 Mules" is the text "INNOVATION HUB" in a smaller, black, sans-serif font. To the left of the green circle, there is a purple arc and a black spiral graphic.

35 Mules
INNOVATION HUB

35 Mules

35 Mules is an innovation hub started by Florida Power & Light Company (FPL), a subsidiary of NextEra Energy, a clean energy company widely recognized for its efforts in sustainability. Through its 35 Mules innovation hub, FPL is changing the world with innovative and technologically savvy ideas in energy, water and energy-adjacent areas.

highlights

- Co-working space
- Business development
- Mentorship opportunities



[35 Mules](#)

Advanced Environmental Laboratories, Inc. (AEL)

Advanced Environmental Laboratories, Inc. (AEL) has seven NELAP certified laboratories in Florida – more than any other company in the State. No one else offers the local service for kits, courier, project management, and analysis that AEL provides all the way from the Panhandle to the Keys. AEL is also a recognized national laboratory too with federal projects ranging coast-to-coast at DOD military bases and EPA Superfund sites.

highlights

- Laboratories
- Data analysis



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UCF

AMPAC at UCF

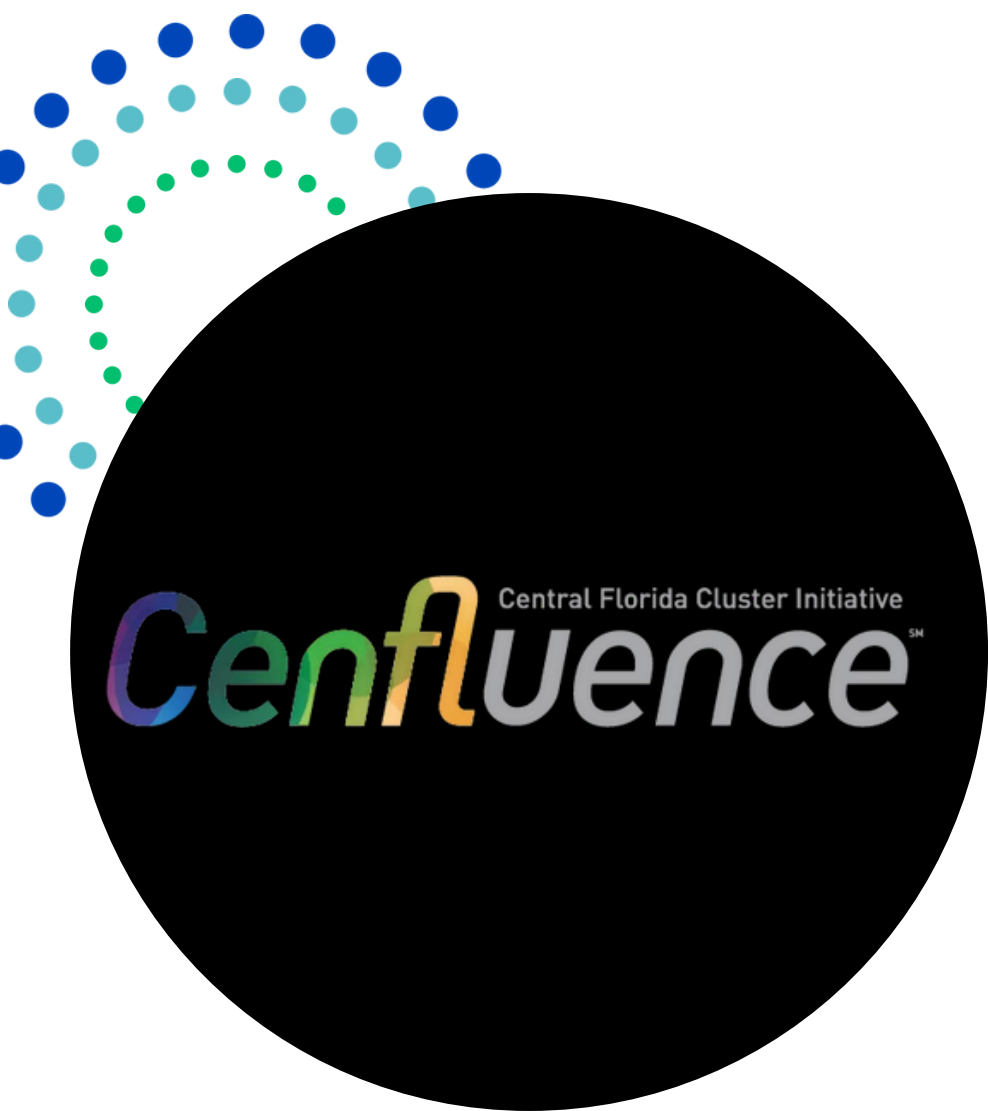
The Advanced Materials Processing and Analysis Center (AMPAC) at UCF is a leading research facility focused on advancing materials science and engineering. AMPAC conducts cutting-edge research in nanotechnology, biomaterials, and advanced manufacturing processes. The center provides state-of-the-art facilities and expertise to support interdisciplinary research collaborations with academia, industry, and government agencies

highlights

- Research equipment rental available

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Cenfluence

Cenfluence is focused on building an internationally recognized Energy + Environmental Sciences performance industry cluster that is globally competitive resulting in significant contributions to Central Florida's economy.

highlights

- Economic development services
- Research opportunities
- Networking opportunities



Cenfluence



Cenfluence



Cenfluence



Cenfluence



City of Orlando Office of Sustainability & Resilience

The Orlando Office of Sustainability was established in 2007 to implement the Green Works Orlando initiative, which focuses on enhancing quality of life, promoting diverse economic growth, and ensuring equitable access to resources and services. The office coordinates with city departments and community stakeholders to achieve sustainability goals through both immediate and long-term planning efforts.

highlights

- Sustainability services & initiative implementation



[City of Orlando](#)



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[City of Orlando](#)

City of Tampa Office of Sustainability & Resilience

The city of Tampa Office of Sustainability & Resilience' mission is to deliver outstanding services that enhance the quality of life and foster a more sustainable and livable city. The City of Tampa is dedicated to building a clean energy future, conserving natural resources, and preparing for climate impacts.

highlights

- Sustainability services & initiative implementation



[City of Tampa](#)



[City of Tampa](#)



[City of Tampa](#)



Climate Correction Conference

The Climate Correction Conference is an annual conference led by the Volo Foundation focused on addressing climate change challenges. As the premier annual climate action conference in the U.S., this event focuses on driving innovative solutions to address climate change and highlights the importance of working together across disciplines and geographical boundaries to develop comprehensive solutions and, most importantly, to turn ideas into actionable change.

highlights

- Annual event
- Networking opportunities
- Business Development



[VoLo Foundation](#)



[VoLo Foundation](#)



[VoLo Foundation](#)



[VoLo Foundation](#)



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Energy Tech Up

The U.S. Department of Energy Office of Technology Transitions' American-Made EnergyTech University Prize (EnergyTech UP) is a student competition for more than \$400,000 in cash prizes for successfully identifying a promising energy technology, assessing its market potential, and creating a commercial business plan.

EnergyTech UP aims to cultivate the next generation of energy innovators while accelerating the transfer of energy technologies to the market. This prize seeks to attract the talented students of today and help them develop into the engineers, policymakers, entrepreneurs, market analysts, and project developers of tomorrow.

highlights

- Annual Event/Competition
- Awards and Recognition
- Cash Prize



U.S. Department of Energy.



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Florida Makes

FloridaMakes is a statewide partnership program designed to support the manufacturing industry in Florida. It provides services and resources to help manufacturers improve their productivity, performance, and competitiveness. Through collaboration with industry experts, educational institutions, and government agencies, FloridaMakes offers assistance in process improvement, workforce development, supply chain optimization, and technology adoption.

highlights

- Economic Development Services
- Business Development Services
- Networking opportunities



[Florida Makes](#)



[Florida Makes](#)



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FloridaMakes

Florida Women in Energy Leadership Forum

The Florida Women in Energy Leadership Forum is an annual event dedicated to fostering connections, providing resources, and empowering women in the energy sector in Florida. This also is a networking group that stays engaged throughout the year.

highlights

- Annual Event
- Networking Opportunities
- Business Development



[Florida's Women in Energy Leadership Forum](#)



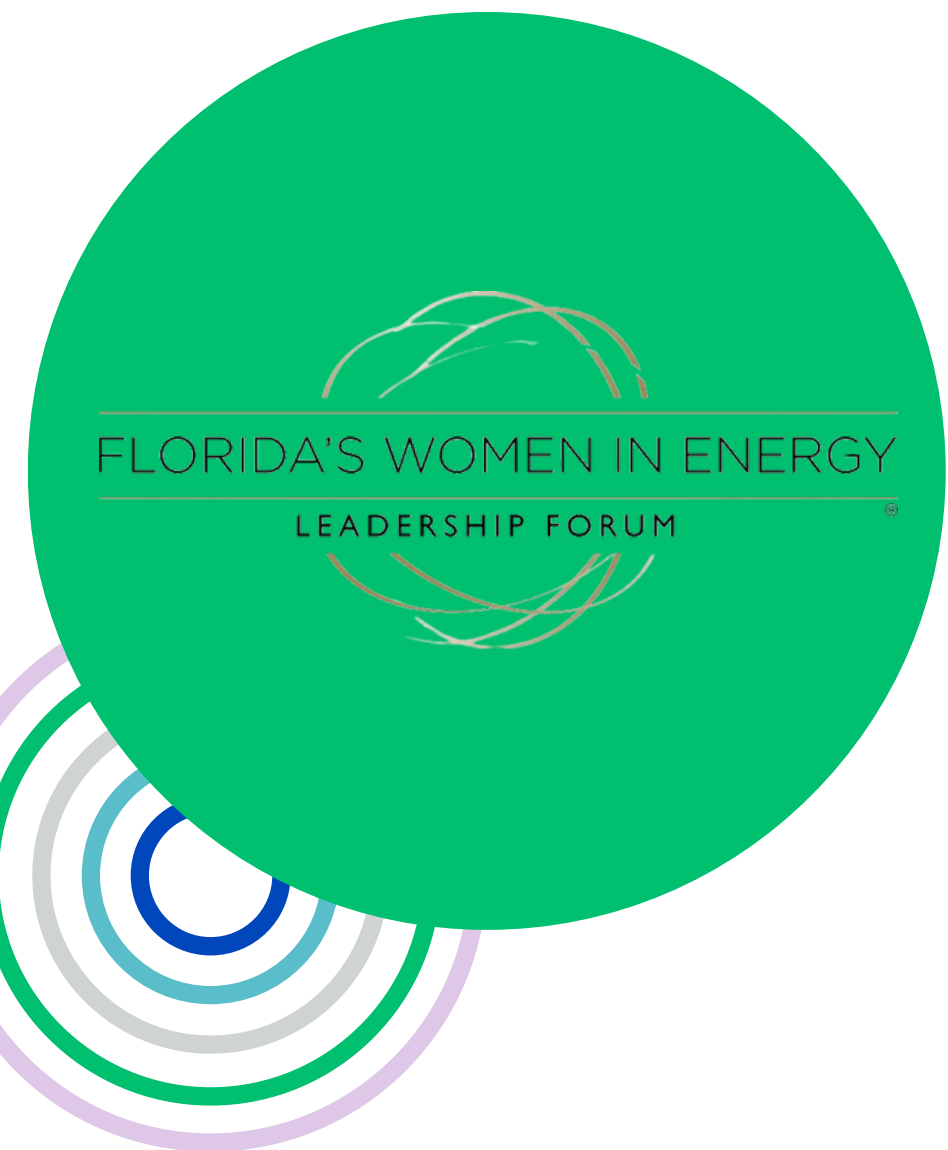
[FI Women In Energy](#)



[Florida's Women in Energy Leadership Forum](#)



[Florida's Women in Energy Leadership Forum](#)



Maritime and Defense Technology Hub

The Maritime and Defense Technology Hub (Hub) in the St. Pete Innovation District is a shared workspace that brings together under one roof the triple helix of innovation: industry, government, and academia. It takes advantage of the increased need for maritime and national security technology solutions across the State of Florida and the Federal government. The six pillars include: Marine Science, Life Science, Entrepreneurship, Data and Technology, Art and Education.

highlights

- Research programs
- Wet/chemical laboratories
- Workspace with port access
- Business Development opportunities



St. Petersburg Innovation District



St. Petersburg Innovation District



St. Petersburg Innovation District



Matching Grants Research Program (MGRP) through the Florida High Tech Corridor



the
florida
high tech
corridor

The Florida High Tech Corridor's Matching Grants Research Program (MGRP) fosters applied research between industry partners, and faculty and student researchers at the University of Central Florida and University of South Florida. Our grants directly fund the work of expert faculty and create an opportunity for their students to participate in collaborative research with industry partners in the 23-county region.

highlights

- Research Opportunities
- Collaboration with UCF and USF faculty and students

Ocean Exchange

Ocean Exchange is a nonprofit organization that seeks to accelerate the adoption of innovative solutions that positively impact the ocean and the environment. They host an annual cleantech competition and event where entrepreneurs, businesses, and organizations present their sustainable and economically viable solutions to address pressing ocean-related challenges. Through collaboration, recognition, and support, Ocean Exchange aims to drive positive change for the health and sustainability of our oceans.

highlights

- Annual Event with Cleantech Competition
- Recognition and Awards
- Networking opportunities
- Mentorship and business support opportunities
- Visibility and exposure



Ocean Exchange



Ocean Exchange



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RE + Florida

RE+ Florida is a premier event focused on renewable energy and sustainability in Florida. It brings together industry leaders, policymakers, researchers, and stakeholders to discuss the latest trends, innovations, and opportunities in renewable energy, clean technologies, and sustainable practices.

highlights

- Annual Event
- Business development opportunities
- Networking opportunities



[RE + Events](#)



[RE +](#)



[RE +](#)



[replusevents](#)



RE+ EVENTS

Resilient, Intelligent and Sustainable Energy Systems (RISES) at UCF



Resilient, Intelligent and Sustainable Energy Systems (RISES) is the university center on energy systems at University of Central Florida. It's a multi-disciplinary and highly productive team of faculty and students commit themselves to transformative and collaborative research in resilient and sustainable energy systems.

highlights

- Academic programs
- Research programs
- Laboratories

Research Centers & Institutes at UF Office of Sustainability.

The mission of the Office of Sustainability is to make the University of Florida – in its operations, education, research, and outreach – a model of sustainability integrating the goals of ecological restoration, economic development, and social equity.

The Office of Sustainability will encourage and facilitate the collaborative efforts of faculty, students, and staff to generate knowledge, acquire skills, develop values, and initiate practices that contribute to a sustainable, high quality of life on campus, in the state of Florida, and across the globe.

highlights

- Laboratories
- Research opportunities
- Organization directory



Office of Sustainability.



Office of Sustainability.



Office of Sustainability.



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Tampa Bay Innovation Center, ClimateTech Accelerator

Tampa Bay Innovation Center's climate and cleantech-focused accelerator program for emerging startup ventures. Companies receive specific training and mentoring in customer discovery, product strategy, investor readiness, and entrepreneurial leadership.

highlights

- Accelerator Program
- Business Development



[Tampa Bay Innovation Center](#)



[tbinnovates](#)



[Tampa Bay Innovation Center](#)



[tbinnovates](#)

**TAMPA BAY
INNOVATION
CENTER**



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UCF Florida Solar Energy Center

The University of Central Florida's Energy Research Center (ERC) conducts cutting-edge research in renewable energy, energy efficiency, and sustainability, aiming to develop practical solutions to global energy challenges through interdisciplinary collaboration and partnerships. The ERC also provides educational and training opportunities for students and professionals interested in energy science and engineering.

highlights

- Academic programs
- Research programs
- Laboratories



[FSEC Energy Research Center](#)



[FSEC](#)



FSEC Energy Research Center

UNIVERSITY OF CENTRAL FLORIDA

USF Patel College of Global Sustainability.

The vision of PCGS is to achieve sustainable development, both locally and globally, by fostering social, economic and environmental sustainability; we accomplish this through teaching, research, mentoring students and community outreach, as well as by generating practical knowledge and developing innovative technologies, skills and policies.

highlights

- Academic programs
- Research programs
- Laboratories



[Patel College of Global Sustainability](#)



[USFPCGS](#)



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Not sure where to start?

Connect with **Lisa Rain**.

Lisa is the Cluster Manager for the Energy + Environmental Sciences cluster at Cenfluence. With 10+ years' experience in various economic development roles for the City of Orlando and Duke Energy, Lisa offers tremendous expertise to cluster members. Driven by a spirit of partnership, she connects innovators with community partners in economic development, academia and government to accelerate their growth and promote sustainability throughout Central Florida.



[Lisa Rain](#)



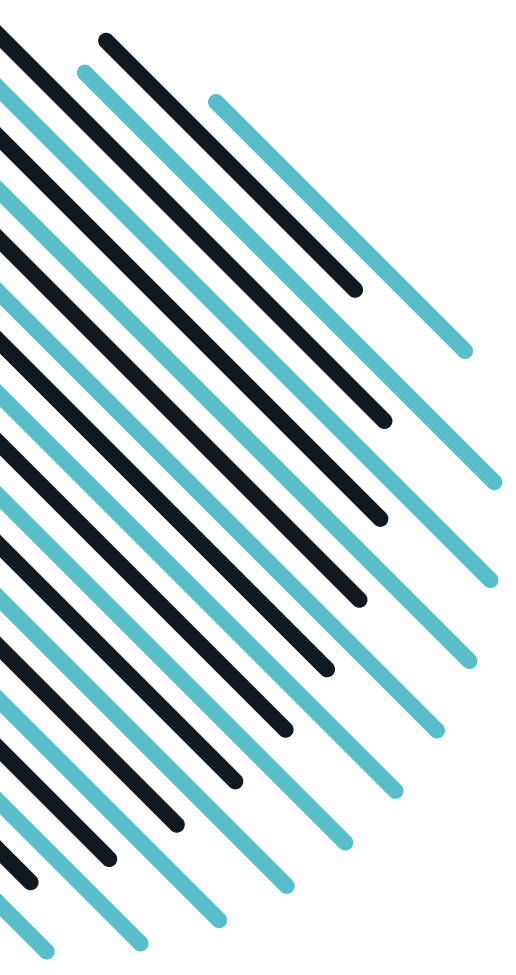
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Ecosystem building facilitates the collaboration and growth among industry partners, research institutions, government entities, and other ecosystem/economic development support organizations to strengthen and grow technology and innovation in our community.



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Learn more

FloridaHighTech.com

