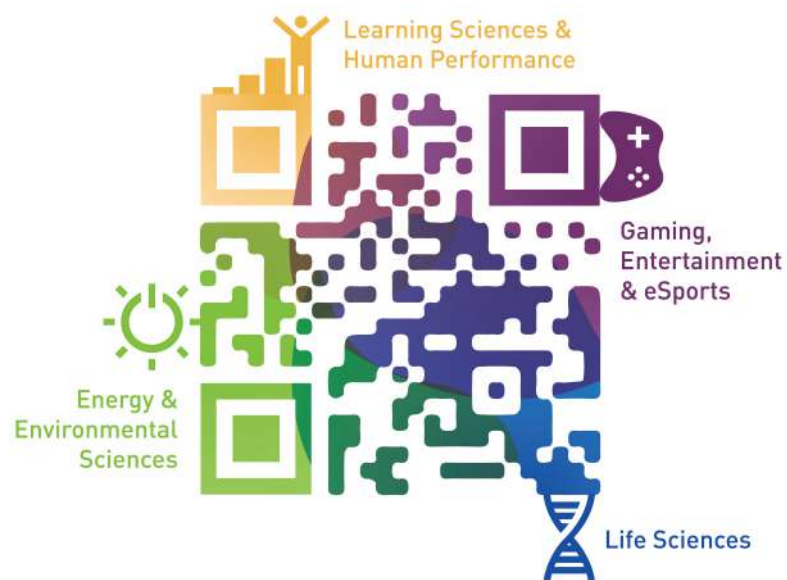


CenfluenceSM Central Florida Cluster Initiative

Cluster Member Catalog





**Energy +
Environmental
Sciences**

360 Matrix
 A Sustain
 Capacitech Energy Inc.
 Copower USA
 Duke Energy Sustainable Solutions
 ecoPreserve
 ecoSPEARS
 Flux
 Fulcrum International Inc.
 Green Actioneers
 Halo Engines
 Hydronomy Inc.
 Improving Aviation
 Kationx Corp
 LuftCar LLC
 Multicore Technologies
 Novineer
 Orlando Utilities Commission
 Precision Periodic
 Semplastics
 Sensatek Propulsion Technology
 SynMatter
 TECO Energy
 Truventic
 Violet Defense
 Wagner Star Industries - Box of Scraps



**Gaming,
Entertainment
+ eSports**

302 Interactive
 A Square Games & Simulation
 BLUNT Digital Media Collective LLC
 Bold Technologies
 BrandXR
 Burnout Game Ventures
 Captilight Games
 Cat 5 Studios
 Dragonfly CGArtwork LLC
 Echo Interaction Group
 FENIX Digital Studios
 Not Suspicious LLC
 Player Epic
 Qwikcut LLC
 Rightible
 SimBlocks.io
 Talon Simulations
 Unity



**Learning Sciences +
Human Performance**

Alphaeduc EdTech LLC
 Anavi
 ARA Virtual Heroes Division
 Candid Hire
 Codecraft Works
 College Thriver Education Corp
 Crypto Tutors LLC
 Cyber Training Technologies
 Dignitas Technologies, LLC
 Employers 4 Change
 Engineering & Computer Simulations (ECS)
 Envy Labs
 H2 IT Solutions
 In.Hand.Book
 Intuitive Research and Technology Corp
 ISEA TEK
 Jacono Studios
 JHT Incorporated
 Serious Simulations
 SIMETRI
 Soar Technology Inc.
 Startup Success Platform
 Step Research
 Synaptic Sparks Inc.
 The DiSTI Corporation
 The Mindful Project
 TITENN Inc.
 Unknot.ID Inc.
 Usencryption Inc.
 Youth Empowerment Alliance, Inc.



Life Sciences

Aviana Molecular Technologies LLC
 C2C Development LLC
 ClinCloud Clinical Trials
 Digital Anatomy Simulations for Healthcare
 Evren Technologies
 IDEM Systems
 imec
 Kismet Technologies
 LifeBridge Innovations
 Limbitless Solutions
 Micro-grx
 Nano Discovery
 Nutriband Inc.
 Pink Lotus Technologies / POMM
 Primordia Biosystems
 Protean BioDiagnostics
 QledCures LLC
 RTT Medical
 Techfit Digital Surgery
 The Garage
 Velmeni

Cluster Member Spotlight



360 Matrix, is a technology company offering reality capture, visualization, data analysis services, and custom software solutions to a wide array of industries.

Reality Capture - Our comprehensive data collection strategies will produce reliable and accurate 3D data that is ready to use in your project. Interactive Digital Twins - Create, visualize, and share project data with our interactive immersive digital twin environments. Track millions of data points over time to minimized modeling time and costs while streamlining decision-making and visualization.

Cluster Member Spotlight



A Sustain is a consultancy specialized in product environmental sustainability that aims to curb carbon emissions, unhealthy materials and solid waste. Using analytical tools, we assess materials and processes to help develop better products.

Cluster Member Spotlight



CAPACITECH

Capacitech is building power storage capabilities inside of the world's wiring infrastructure to help our customers offer better, smaller, and more reliable products with new capabilities. Our flexible supercapacitor technology, the Cable-Based Capacitor (CBC), is shaped like a wire. The CBC complements batteries, provides peak power assistance, improves power quality, provides backup power, reduces EMF/EMI, and miniaturizes electronics.

Cluster Member Spotlight



COPOWER is a company with 20 years of experience, dedicated to the development of power generation projects, electrical tests and EPC projects and committed to innovation in the energy sector.

Cluster Member Spotlight



Duke Energy Sustainable Solutions is a nonregulated commercial brand of Duke Energy designed to offer a comprehensive approach to sustainability and resiliency for businesses and organizations nationwide.

Cluster Member Spotlight



ecoPreserve is a certified, woman-owned small business, established to solve complex problems affecting our environment. Our mission is to help our clients achieve their sustainability goals and create a low carbon future. To date, ecoPreserve has optimized operational efficiencies, reduced GHG emissions and improved health and wellness in over 50M square feet of building space impacting 100M+ people. ecoPreserve professionals serve local and federal governments, aviation, transportation, healthcare, higher education, and private industry with a broad range of services with services including: sustainability and climate resilience planning; Efficient and Clean Energy; Clean Transportation; occupational health and safety; and Zero Waste planning.



Cluster Member Spotlight



ecoSPEARS' NASA developed green remediation technology eliminates PCBs and other chlorinated compounds from soil, water, or sediments in a cost-effective, non-destructive, and sustainable manner.

Cluster Member Spotlight



Unlocks the full power of custom PCs & workstations by eliminating the challenge of heat with turbulence liquid cooling. Increasing productivity for compute-intensive firms and uncapped performance for enthusiasts.



Cluster Member Spotlight



Formed in 2004, The Fulcrum International Inc. (TFI) provides consulting for large infrastructure projects. Special interests include technology, safety and LiDAR(3D).

Cluster Member Spotlight



Our 266-page bilingual (English/Spanish) Green Actionneers Family Action Guide will be in schools all over the US in 2022-23 school year. It involves the whole family and takes an entirely positive approach to "going green"

Cluster Member Spotlight



Halo Engines' technologies are directly applicable to emerging innovations in the energy industry, utilizing novel thermodynamic engine cycles to more completely leverage the high-performance potential of hydrogen-based combustion systems.

Cluster Member Spotlight



Hydronomy is a solar powered atmospheric water generator. The system captures moisture in the air and converts it into clean water. The water output from this system currently exceeds the EPA Safe Drinking Water Standards.

Cluster Member Spotlight



Improving Aviation develops aerospace technologies to improve environmental sustainability. We are developing a system that takes advantage of aircraft engine exhaust to generate clean energy using a system of vertical axis wind turbines.

Cluster Member Spotlight



Kationx Corp designs, manufactures, & sells its proprietary Made-in-Florida green/clean technology to government, industrial, & commercial markets. Uses include wastewater, HAZMAT, & environmental treatment & remediation.

Cluster Member Spotlight



Hydrogen powered, autonomous, multi modal air and road mobility eVTOL vehicle, serving transportation and last mile cargo delivery

Cluster Member Spotlight

multicore

We develop fiber optic sensors for industrial applications at a price point that is competitive with electrical-based sensors. Our unique technology enables construction of optical sensors from low-cost optical fibers. These sensors are more durable, more capable and easier to integrate than competing optical technologies. Our first market is exhaust sensing; an area highlighted by Volkswagen's recent failure to comply with emissions standards.



Cluster Member Spotlight



A design hub where Novel engineering design meets 3D printing

Cluster Member Spotlight



OUC—The Reliable One is the 2nd largest municipal utility in Florida, providing electric and water services to about 400,000 accounts in Orlando, St. Cloud and parts of unincorporated Orange and Osceola counties. Visit OUC.com for more.

Cluster Member Spotlight



Next generation filtration media for wastewater treatment, chemical mining, refining and recycling. Significantly reducing carbon footprints, chemical waste, and water usage replacing ion exchange, solvent extraction, and membrane processes.

Cluster Member Spotlight



Empowering each customer to achieve market dominance by creating customized sustainable materials.

Cluster Member Spotlight



Sensatek Propulsion Technology develops and manufactures wireless, high-temperature, gas turbine sensors to measure heat transfer data for customers in several industries including Energy, Aviation, and Aerospace.

Cluster Member Spotlight



SynMatter's Smart Particles are inorganic microparticles that contain active agents. They are designed to be compatible and easily incorporated into a variety of matrices, such as coatings (both solvent- and waterborne systems), resins, plastics, varnishes, caulks, putties, sealants, adhesives, liquids, dispersions, and many others, and provide those matrices with improved properties and smart functionalities. This is achieved through the Smart Particles' built-in release mechanism that is triggered by changes in the environment. Currently, Smart Particles are designed to sense and react to changes in pH, but formulations that respond to changes in temperature or ion concentrations, or are light sensitive (visible, infrared or UV light), are being developed.



Cluster Member Spotlight



TECO Energy makes life better for our communities by delivering safe, resilient, clean, affordable natural gas energy solutions.

Cluster Member Spotlight



Truentic LLC was formed as a start-up in 2016 with 4 partners with expertise in solar cell and thin film technology, forensics, and infrared electro-optical systems. Our team has expanded to 9 employees, as well as adding a fifth partner.

Cluster Member Spotlight



We are built on a unique set of photonics patents that allow us to deliver truly distinctive products in the germ disinfection, agricultural lighting and water purification markets.

Cluster Member Spotlight

BOX OF SCRAPS

Wagner Star Industries LLC TM©2021,2022

Box of Scraps are a series of different types of Carbon Dot Meta-Materials derived & engineered in house through a Zero Pollution Method & are for Cross Industries Application Uses.