



MANUFACTURING & SUPPLY CHAIN
ALLIANCE
OF
MID FLORIDA

MSCA Monthly news & updates

April 2022

Follow Us!
MSCA [Website](#)
And on [LinkedIn](#)

Coming Events:

- 3rd Annual Challenge Cup.
October 3rd
Grasslands Country Club
- Next Membership Meeting:
May 19th
Coca Cola in Auburndale

Save the Dates / Details to
Follow / Registration is open for
both events: [Click Here](#)

Membership Benefits

- Bi-Monthly meeting with
Keynote speakers
- Networking Events
- Access to Florida Makes
[services](#)
- Access to Connex, the State
wide manufacturing
[database](#)
- Legislative updates

Welcome to the MSCA April
Newsletter.

New Members:

Industrial Plastic Systems

NuClean Energy

We will also feature:

- Feature Member: Safety,
Training & Consulting
- Member news
- News, data and information
for the manufacturing and
supply chain world.
- Florida Makes Updates
- Area Economic Development
Councils
- Area Chambers of
Commerce
- Information on other Florida
regional Manufacturing
Associations



New Member:

Industrial Plastic Systems

Contact: Mike Brown at mbrown@ips-frp.com

IPS, founded in 1976, designs and manufactures custom fiberglass pipe, fiberglass ductwork, fiberglass tanks, fiberglass vessels, butterfly dampers, blast-gate dampers, stacks, vertical storage tanks, sumps, above ground and underground horizontal storage tanks, pressure vessels, fume/air scrubbers, hoods, platforms, ladders/hand rails, custom cut grating, fan housings and any other imaginable custom fiberglass industrial application. Industrial Plastic Systems fiberglass manufacturing capabilities include filament winding, chopper gun spray molding, manual contact molding and infusion molding. IPS has the ability to filament wind pipe, duct and tank bodies up to 13'-6" diameter. IPS manufactures to AWWA, ASTM, ASME, ANSI, and NBS standards. Our staff currently has combined fiberglass experience exceeding 370 years, including an engineering department with full CAD capabilities, and a PhD in mechanical engineering. Additionally, IPS can offer unlimited field fabrication and consulting services for jobsite fiberglass installation issues.

We are glad you chose to visit our website. To learn more about our company, our commitments to FRP manufacturing, fiberglass field services, and our outstanding products, please take a look at our department and product profiles on this website. If you have any questions or requests about sales or engineering, please



New Member:

NuCycle Energy

Contact: Mark Barasch at
mbarasch@nucycleenergy.com

NuCycle Energy is an enterprise dedicated to maximizing the utilization of end-of-life industrial materials to produce an innovative low-carbon-emission fuel source for energy-intensive industries. Industrial nucycling is the environmentally responsible future and NuCycle Energy is leading the way.

Nu/cycle (*nu'si'kel*) v. *cled, cling*

1. The act of giving industrial materials, previously considered "end-of-life", a new purpose of functionality

TURNING LANDFILL WASTE INTO COST-EFFECTIVE, CLEAN ALTERNATIVE FUELS

NuCycle is a rapidly expanding materials management company, with patented and proprietary materials optimization and alternative fuels technology.



Materials Management

Significant Savings. NuCycle Energy offers significant savings on operational costs, while enabling you to reach zero-landfill status, all without disruption to existing operations.

Alternative Energy

Proven fossil fuel replacement. Cost-effective and cleaner burning than traditional fossil fuels, NuCycle's Enviro Fuelcubes® ("EFCs®") are an EPA designated "Legitimate Fuel" capable of fully or partially replacing coal and other fossil fuels as the primary fuel used in energy-intensive industrial processes such as cement and power, among others.

Our History

Since its inception in 2004, NuCycle Energy has focused on the development and implementation of processes and equipment that extends the lifecycle of pre-consumer, non-hazardous materials currently being generated by commercial business operations.

To that end, NuCycle Energy has perfected and patented proprietary technology to turn those same materials into a cleaner, cost-effective alternative fuel engineered to reduce the amount of traditional fossil fuels used in energy intensive industrial processes such as power plant operations and cement

manufacturing, among others.

In 2011, the United States Environmental Protection Agency "USEPA" designated NuCycle Energy's product, Enviro-Fuelcubes® ("EFCs") a "Legitimate" fuel approved for use in Energy Intensive Industrial Processes as an alternative commodity fuel. Nineteen state regulatory offices have also recognized the benefits of NuCycle's alternative fuel and manufacturing operations providing us a "non-waste" designation, further differentiating us from the more common and less efficient "waste to energy" fuels.

To Date

Materials diverted from landfills:

300,000
tons

EFCs manufactured:

225,000
tons

Coal displaced:

225,000
tons

AND COUNTING...
figures are updated quarterly



MSCA Membership Meeting
May 19th at
Coca Cola
705 Main St
Auburndale

This meeting will feature in depth look at training at Coca Cola and a plant tour

[Register Here](#)

3rd Annual Manufacturer's Challenge Cup is set for October 3rd at Grasslands Golf & Country Club.

Save the Date and Pre-register [here](#) (and pay later).





Inaugural Cup winner Kevin Bailey of MaxPak presents the Cup to Jose Rivera of Florida's Distillers, the 2021 winner.

Who will hold the Cup in 2022?



Feature Member Safety, Training & Consulting

Contact: Jon Etheridge at
jetheridge@stcsafety.com

Since 1995 STC is one of the most diverse and successful providers of safety and health services in the southeastern United States. STC specializes in comprehensive training programs, consultation and management support, and specialty support services catering to construction, mining, energy, solar, and industry Safety Culture & Process

We work hand in hand with businesses both large and small, tailoring training programs and technical support to address all mandatory OSHA Construction, General Industry, MSHA, DOT, and medical emergency response requirements. Our training programs are customized to address each client's unique needs and activities.

At Safety Training & Consulting, we believe safety doesn't happen overnight. The training and development of employees and supervisors is a process and the most important part of your operations. The investment you make in the training and development of your employees today pays off by keeping operations running and the costs associated with unsafe practices down. We work to help you develop a safety culture in which your employees see the importance and value of following safe work practices and are proactive safety partners.

STC offers training programs nationwide, either onsite or offsite. Our experienced training professionals provide expertise in all areas involving:

- Safety Training & Health
- Safety Management & Consulting
- Safety Technical Support
- First Aid & Emergency Medical Response Services



CONSULTING

OSHA/COMPLIANCE/STAFFING/MANAGEMENT

[Home](#) » Consulting

Safety Training & Consulting offers a full compliment of consulting services to help your company stay ahead of your competition. We'll assist or do it for you to develop a Safety Culture within your organization to proactively keep your EMR low and your workers safe & productive. We can help you prepare for projects during the planning stages, reviewing your involvement before you start and ensuring your Emergency Action Plans, Training and Staffing needs are met.

Safety Training and Consulting is your safety manager, or help your current safety staff with knowledge and planning in areas of industrial, construction, pipeline, energy, environmental and maintenance projects.



Site Safety

[Home](#) » SITE SAFETY

Site Safety Staffing

Safety Training & Consulting's safety professionals bring extensive on-the-job experience to construction, turnaround/shutdown and specific project requirements. Safety staffing requirements are available to site owners and contractors for short and long term commitments in accordance with need. Regardless of the need for extended 24/7 coverage or a single shift, STC can provide you with the right personnel to monitor your team. Safety Training & Consulting's reputation in project staffing is second to none, providing you with exceptionally qualified professionals dedicated to the safety of your people and the success of your project.



Onsite Training

[Home](#) » SAFETY TRAINING

FACILITATING SAFETY

Safety Training & Consulting offers the instructor and facilitator-led courses in a wide variety of areas. We take lots of pride in the work our team does to ensure all students receive the best possible training.

Well-trained employees work safer, are more productive, and cost less than those who aren't. Safety is at the core of all of our courses whether it be OSHA, MSHA, Mobile Equipment, AHA®, Emergency or Medical Response, DOT, or Cranes & Material Handling.

If you feel you have not received quality training in the past or need to enhance your existing training program, give Safety Training & Consulting a call. Copyright 2015. STC Safety Training & Consulting, Inc. All Rights Reserved.



Home » Tactical Rescue

Emergency Response Staffing

Safety Training & Consulting provides long and short-term Rescue and Emergency Response Staffing with up to 24/7 coverage to meet your needs. Our Team consists of highly trained and certified personnel who are fully equipped to handle emergency situations.

Our team remains on-site with all the necessary equipment and experience to provide lifesaving services should a critical incident occur.



Check out the re-designed website of the CFDC [Click Here](#)

Tech-Enabled Manufacturing Soars in Polk County

February 16, 2022 • [News](#)

As manufacturing continues to return to the United States, Polk County plays a key role in attracting new companies to the area, offering reasonably priced land, tax incentives and a strong talent pipeline – all in a location where people want to live.

In the last five years, a variety of companies have located or expanded in one of the country's fastest-growing metropolitan areas, including Nucor Steel Florida, Florida Can Manufacturing and Peace River Citrus. They are proof that technology-enabled manufacturing fits in and thrives in our diverse economic climate.

In fact, manufacturing continues to be the No. 1 sector seeking opportunities here, many of whom start their search using the expertise of the Central Florida Development Council. The CFDC, designated as the county's economic development agency, provides detailed economic data for companies contemplating relocation or expansion, among other things.

There are several reasons why Polk County attracts manufacturers, which offer high-skill, higher-wage jobs that help boost everything from income levels to tax revenue, including:

- Large tracts of available land. One aviation project alone is looking for 1,300 acres.
- A strong talent pool supported by seven institutions of higher learning that adapt their course offerings to industry needs. Polk State College's quick response training programs prepared Nucor Steel's workforce, ensuring ready-to-work employees when the steel company's \$240 million micro mill opened in 2020. In addition, Florida Polytechnic University is the only state institution in Florida dedicated to STEM (science, technology, engineering and math) degrees, producing engineers doing research on next-generation technology and resources.
- Access to more than 10 million people within 100 miles.

Thomas, which tracks the source of consumable goods and materials, said 2021 was robust for the United States, where companies returned manufacturing from China and other areas of East Asia. More than 80% of companies surveyed said they see that trend continuing, which could add \$443 billion in value to the U.S. economy in the near future, according to supplychainbrain.com.

In Polk County, tech-enabled manufacturing is strong, evidenced by:

- The avionic industry, which supports everything from aerospace to the Department of Defense.
- Autonomous vehicles, whose programming is verified and tested at Florida Poly's Advanced Mobility Institute and the Florida Turnpike Enterprise's SunTrax.

- Health sciences, which provides goods nationally.

The Central Florida Intermodal Logistics Center (ILC) in Winter Haven is an ideal site for manufacturers seeking space and access. A key distribution point in the center of the state served by CSX rail and major highways, including Interstate 4, State Road 60 and U.S. 27, the ILC attracted Florida Can Manufacturing to build an advanced manufacturing plant to produce aluminum cans there. In addition, Coca-Cola Beverages Florida, LLC recently expanded its local presence to the ILC. Those two tenants are likely to attract others interested in building near like-minded industries.

Now is the time, and Polk County is the place. Whether you're new to the area and producing air purification systems like Molekule or are expanding so you can provide Coca-Cola's Minute Maid orange juice to every McDonald's in the world like Peace River Citrus, we have space that will work for you. The CFDC will be your partner on the journey to success, connecting you with resources and advocating for you. If you're interested, contact Sean Malott at sean@cfdc.org.

BLUEPRINT FOR SUCCESS

With access to an unrivaled distribution network and extensive multimodal infrastructure, manufacturing businesses are poised for success in Polk County.

Manufacturing employs more than 18,000 people in Polk County and in 2019 generated \$24.4 billion in GRP. It's part of a growing industry: more than 20,000 manufacturers call Florida home, employing nearly 380,000 workers.

Alex Price

Business Development Manager

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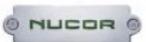
POLK COUNTY, FL 

has your blueprint for success

With access to an unrivaled distribution network, extensive multimodal infrastructure and next-generation talent, Polk County manufacturers are poised to succeed.

 300+ MILES OF RAIL IN POLK COUNTY	 10 MILLION PEOPLE WITHIN 100 MILES	
 3 DEEPWATER SEAPORTS WITHIN 75 MILES	 3 INTERNATIONAL AIRPORTS WITHIN 60 MILES	

FEATURED EMPLOYERS:

CONNECT TO NEW OPPORTUNITIES CFDC.ORG • [\(863\) 937-4430](tel:8639374430)

 **CENTRAL FLORIDA**
DEVELOPMENT COUNCIL
Polk County's Economic Development Partnership



The Lakeland Chamber of Commerce's Small Business Council offers an opportunity for small business owners to participate in a monthly discussion to learn from each other. Join us on the first Thursday every month from 3:30 to 5:30 at the Chamber to discuss a wide range of topics like overcoming adversity, the entrepreneurial spirit, growth & fear, knowing your worth, and so much more!

Hosted by: Greg Manning, Business Consultant for FSBDC at the University of South Florida Muma College of Business

Requirements to Participate:

- Chamber Investor
- Business Owner
- Fewer than 25 Employees
- Less than \$5 million Gross Annual Sales

All New Members wanting to join the Small Business Council must complete the registration form below to participate.

FLORIDAMAKES IMPACTS <small>Totals based on 326 clients through Q3 2019</small>	FLORIDAMAKES SERVICE AREA	Florida Manu Facts	<p>Florida manufacturers produce a variety of goods including aerospace products, food and beverages, batteries, communications equipment, pharmaceuticals, medical devices, semiconductors, boats and more.</p> <p>80% of Florida Manufacturers have 20 or fewer employees.</p> <p>Manufacturing accounts for 4.95% of Florida's Gross State Product and over 380,000 high-wage jobs in Florida, with an average wage of \$61,735.</p> <p>Florida is home to more than 20,000 manufacturing companies.</p> <p>Every \$1 in manufactured goods produces \$3.60 in other sectors.</p>
<p>Total Sales (new/retained) \$985.5M</p> <p>New Investment \$341.6M</p> <p>Cost Savings \$128.4M</p> <hr/> <p>Totals \$1.45B</p> <p>Average Impact per Client \$4.46M</p> <p>Jobs Created & Retained 9,137</p>			

East Polk Economic Summit
May 5, 2022
The Historic Ritz Theatre
Breakfast begins at 7:30 a.m.
Program begins at 8:00 a.m. to 9:30 a.m.

Economic Summit
The Historic Ritz Theatre
May 5, 2022

Presented by: **15 YEARS** Bank of Central Florida Member FDIC

Economic Summit

Join us on May 5th from 7:30 a.m. - 9:30 a.m. at the Historic Ritz Theatre for the Annual Economic Summit presented by Bank of Central Florida. During the program, we will hear from Dr. Snaith and Wade Elliot. Dr. Sean Snaith, Director of UCF's Institute for Economic Forecasting, will be giving an economic forecast for our local area and the State of Florida as a whole. Wade Elliot with Port Tampa will share more about how the supply chain works, what business owners expect for the rest of 2022 in terms of supply chain issues and much more. The deadline to register is April 29, 2022.

Please reach out to Ana if you are interested in becoming a sponsor of this event.

[Register](#)

Florida 2030: The Blueprint to Secure Florida's Future

Key Targets & Strategies

Initial Recommendations



[Click here to download PDF](#)

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