

## Supply Chains are Broken

- U.S. supply chains are under duress
  - Ships are at anchorage on the West and East Coasts
  - Ocean freight rates Asia-U.S. up 900%
  - Empties for U.S. exports are not available
  - Labor shortages highlighted by truck driver shortages
  - Fuel prices
  - General inflation
  - Geo-political conflict
  - Goods out of Stock

## **Generational Supply Chain Shifts**

Inland Empire 1970's Before massive shift of manufacturing to China



• BY 1990 Ports of LA/LB become nations busiest



• 2000 West Coast Strike shifts significant volumes to East Coast Ports



2020 after NAFTA passage 60,000 trucks cross U.S./Mexico border daily

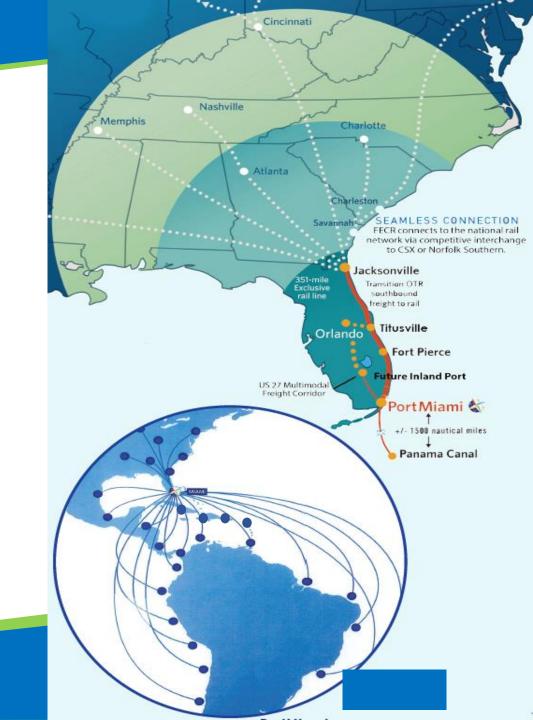


### Next Sea-Change for U.S. Supply Chains is Here

#### Major Market Drivers have been identified

- 1. Acceleration of nearshoring to Western Hemisphere
- 2. Drought in west shifting agricultural sourcing to Latin America
- 3. 1 in 16 US citizens (18 million) live between Miami/Orlando
- 4. Geo-political adversity with China and supply chain security
- 5. Truck congestion and costs at US/Mexico border
- 6. High freight rates for US/Asia Ocean shipment
- 7. Labor shortages
- 8. Fuel costs
- 9. Environmental and Social drivers
- 10. Product shortages
- 11. Lack of supply chain capacity for US Exports

Infrastructure Grants once in a generation opportunity



#### Overview



PortMiami is <u>accelerating</u> the <u>development</u> PORT///A/// of its visionary and transformational program to develop the nation's first end-to-end net zero carbon emission supply chain in line with the County's 2030 50% emissions reduction goal, while also working towards the County's economic development goals.

The Infrastructure Investment and Jobs Act (IIJA) is an unprecedented opportunity to solve supply chain congestion, disruption and double-digit cost increases

- With environmental justice (electrification of the supply chain)
- Social justice (in underserved arear and workforce training)
  - A \$1.2 trillion package with \$17.5 billion dedicated to ports
  - PortMiami seeking \$400-\$500 million in grant funding over 5 years
    - Including the MEGA Grant Program





## Need



Cargo Demand is growing at double digit rates

- CA, GA, VA, NY are congested with ships at anchor for weeks
- Central/South Florida population reaching 18 million residents
  - Plus serving the consumption of 120 million annual visitors
- Companies are nearshoring in reaction to China and Eastern Europe
- More fruits and vegetables will come from Latin America instead of S.W. U.S.
- More sustainable infrastructure needed
- Labor shortages require more efficient rail served supply chains





## Overview On-Port Net Zero Infrastructure

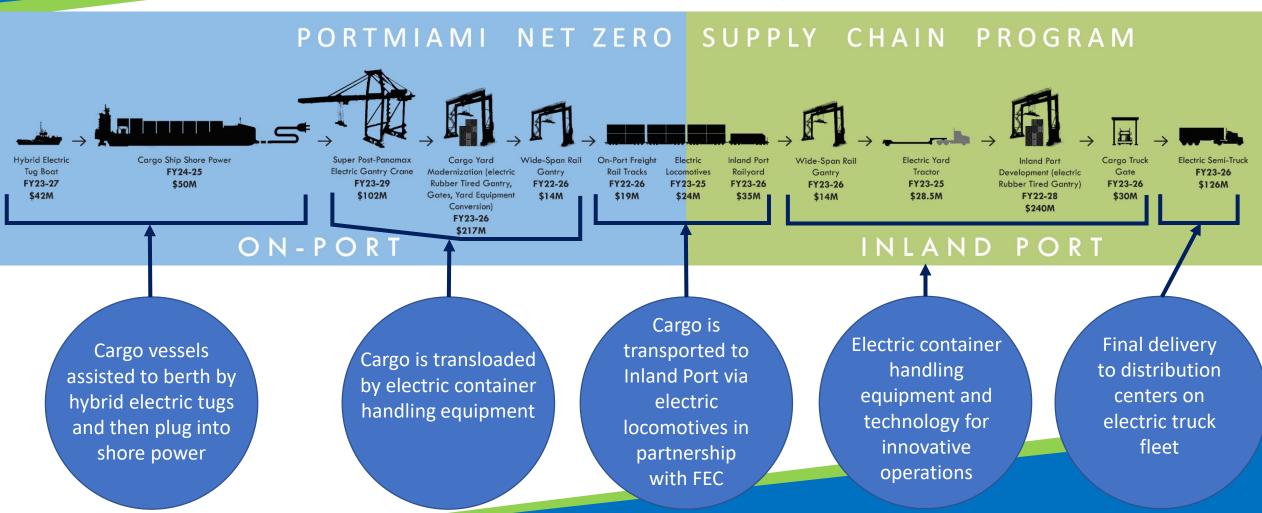






#### **Net Zero**

#### Bi-Directional (Inbound & Outbound)

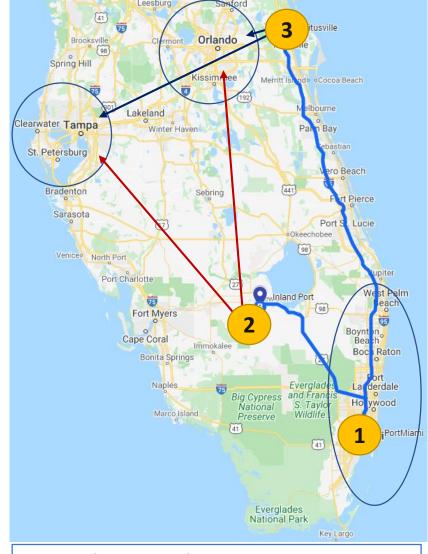


- Estimated Total Program Cost: \$700-800 million
- Costs shared among PortMiami, port partners, and federal/state grants.



## Inland Port & Export Consolidation Center

- An Inland Port will significantly increase
   Miami-Dade County's regional economic
   competitiveness, boosting cargo capacity and
   with expanded access to every major Florida
   market. (Orlando, Tampa, Ft. Meyers, Naples,
   Ft. Lauderdale, Palm Beach, Tampa)
- PortMiami evaluating Inland Port locations inside the County and a Regional location outside the County.
- An Inland Port provides at least a 50% increase in container volume capacity, driving economic growth in Miami-Dade County and increasing the Port's regional reach.
- Business partnership opportunities with major online retailers, international firms, and more.



- 1 Site within Miami-Dade County
- 2 Site between MDC and Orlando (e.g., Hendry County)
- 3 Site near Orlando/Tampa market (e.g., Titusville)





## Inland Port to Serve as an Export Consolidation Center

Advantages to South Florida/Miami as the hub for American-made products shipped to Latin America and the Caribbean:

- Ideal Location for Export Consolidation
- Savings with larger vessels
- Expanded Services
- E-Commerce
- Near Shoring
- Security
- FTZ Warehouses

#### **Targeted US Exports**

Beef/Poultry/Pork	Prepared Food & Dairy
Consolidated Cargo	Household Products
Machinery	Beverages
Cereal	Motor Vehicles



American products bound for big box stores:

## Walmart 💢

- 2,703 Walmart stores in Mexico
- 864 Walmart stores in Central America & 382 stores in South America



- 27 PriceSmart stores in Central America
- 13 PriceSmart stores in the Caribbean & 9 PriceSmart stores in South America





## Western Hemisphere Growth Opportunities







#### **PROJECTIONS**

• PortMiami handled 1,254,062 TEUs of containerized cargo in 2021 and could rise to 1.75 Million by 2025.

#### **USDA GROWTH IN IMPORTS**

• The USDA estimates that by 2027, 75% of all fruit and 50% of all vegetables consumed in the United States will be imported (LATAM).

#### **NEARSHORING AND CONGRESS/DC AGENCIES**

- Latin America and the Caribbean share a cultural affinity with Miami
- Labor and transportation costs in the Western Hemisphere are below those in China.
- Congress has made nearshoring, a primary foreign policy objective, introducing legislation such as HR 7579, the Latin American Nearshoring Act.
- The Inter-American Development has made nearshoring a priority in countries such as Costa Rica, Argentina, Colombia and Chile.
- The Association of Latin American Free Zones (AFZA) launched Relocate LATAM, a specialized platform for reshoring, nearshoring and offshoring.
- 2020 Gartner survey found that a third of 260 leading global companies plan to move part of their manufacturing out of China by 2023.







## Far-Reaching Local, Regional and National Benefits

### PORTMIAMI NET ZERO SUPPLY CHAIN PROGRAM

#### ECONOMIC DEVELOPMENT



- Land set-aside for designated
   Distribution Centers
- Offices / Maintenance Facility
   FY23-29
   \$20M

#### RESILIENCY







- Electric Vohicle / Equipment Charging Station
  - · Solar Farm (Agrivoltaics)
  - Cogen Facility
- Reducing Heat Island Effect through Tree Canopy
  - Porous Materials
  - Utilities
  - LNG Direct Supply
     Drainage / Wetland

FY23-29 \$110M

#### EQUITY



- Workforce Training
- Labor Support
- · Aquisition of Land in Underserved Areas
  - FY23-29 \$25M

#### TECHNOLOGY



- Port Yard Equipment
- · Phytosanitary Treatment and Cold Chain Processing
  - CBP at Inland Ports
  - Federal Inspection Facility On-Port
  - Crane Management Facility
    - Drone Deployment
    - Trouble Resolution FY23-29 \$100M

#### TRANSPORTATION



- US-27 Improvements
- New Rail Corridor
- FY23-29 \$50M

#### ELEMENTS

## Economic Development in partnership with national retailers, e-commerce firms and more

Resiliency
Improvements to
mitigate impacts of
climate change, sea
level rise, and
environment

#### **Equity**

Progressing underserved communities by investing in labor, work force training, apprenticeships

#### Technology

improvements in cargo operations to increase efficiencies leading to increased capacity and safety

# Transportation investment in highway and rail eliminating bottlenecks and improving goods movement



## Partner Support



PortMiami 1015 North America Way, 2nd Floor Miami, Florida 33132

Norfolk, January 18th, 2022

Subject: Expression of Interest

To the attention of Mr. Eric Olafson, Director Global Trade & Business Development for PortMiami.

Dear Si

I make reference to our conference call dated January 13th, 2022 with Mr. Stanley Rigaud and Mr. Nimrod Simeon, during which we discussed the future development of an Inland Port with rail connectivity in



525 Washington Blvd, 16th Floor, Suite 1660, Jersey City, NJ 07310

#### STRICTLY PRIVATE & CONFIDENTIAL

February 22, 2022

Ms. Hydi Webb Interim Port Director, Port of Miami 1015 N. America Way, Suite 200 Miami, Florida 33132

SUBJECT: Letter of Support for Port of Miami Grant Funding Applications.

Dear Ms. Hydi Webb,

Ports America is pleased to provide this letter of support to the Port of Miami (the "Port") regarding 2022 grant funding application opportunities for investments in marine container terminal facilities, including upgrades to gate and rail infrastructure at the Port of Miami.

PortMiami has received support from key partners, stakeholders, and potential business partners, including:



February 17, 2022

**PortMiami** 

1015 N. America Way, 2nd Floor

Miami, FL 33132

Subject: Expression of Support

To the attention of Hydi Webb, Interim Port Director:

In reference to PortMiami's Green Initiative to reduce congestion and emissions, while increasing cargo throughput and jobs.



February 17, 2022

PortMiami 1015 N. America Way, 2<sup>nd</sup> Floor Miami, FL 33132

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- Cargo partners
  - CMA CGM
  - Ports America
  - Seaboard
- Existing and potential business partners
  - City Furniture
  - Port of Barranquilla,
     Colombia





