

SPACE FLORIDA



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BE WHERE NEW IDEAS TAKE OFF™



SAME SPACE COAST POST MEETING

September 2023

WHO WE ARE + WHAT WE DO

Space Florida is the state's aerospace finance and development authority. In 2006 a unique state statute was enacted that would open the door to more creative financing options and infrastructure access – making aerospace ventures much easier to launch. This attracted even more aerospace activity to the state. And every new deal brought new ideas and broader experience to the Space Florida community.

Today, Space Florida offers leading aerospace companies unrivaled experience, unmatched financial tools, and an unbeatable location for their new initiatives.

Space Florida: Be Where New Ideas Take Off™



PORTFOLIO + BUSINESS AREAS

From spaceport authority operations and business development roles, *Space Florida brings finance, business, and industry experts* who have proven they know exactly what it takes to launch successful, groundbreaking aerospace initiatives.



SPACEPORT AUTHORITY

- Develop Infrastructure
- Statewide Planning
- Build, Own, Lease, & Operate
- Launch Complex 46 and 20
- Exploration Park
- Launch & Landing Facility



BUSINESS DEVELOPMENT

- Statewide aerospace projects in both spaceport and non-spaceport territory
- Diverse financial toolkit of capital programs, structure providing financial and tax efficiencies, infrastructure investment, conduit financing
- Simplify treasury, tax, and intercompany issues

Our capital projects pipeline

Southeast: 17 Projects
Southwest: 5 Projects Central Florida: 21 Projects Space Coast: 52 Projects Tampa Bay: 12 Projects Northeast: 3 Projects
Big Bend: 2 Projects Northwest: 16 Projects West Central: 1 Project
No Specific Region Selected: 18 Projects

92 Leads, 45 Opportunities, 9 Closing

Total Non-Spaceport Opportunities in Current Pipeline: Total Spaceport

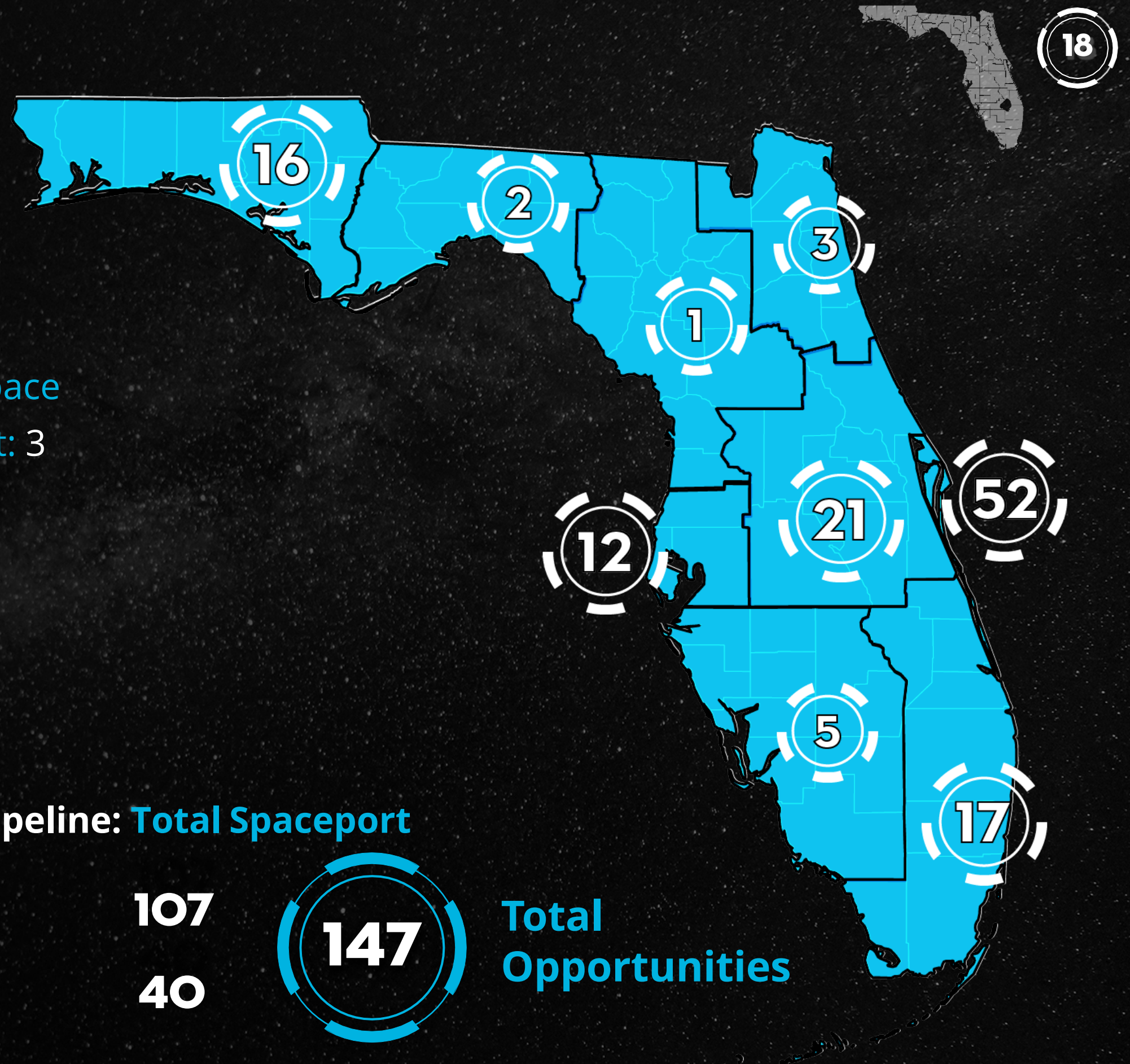
Opportunities in Current Pipeline:

107

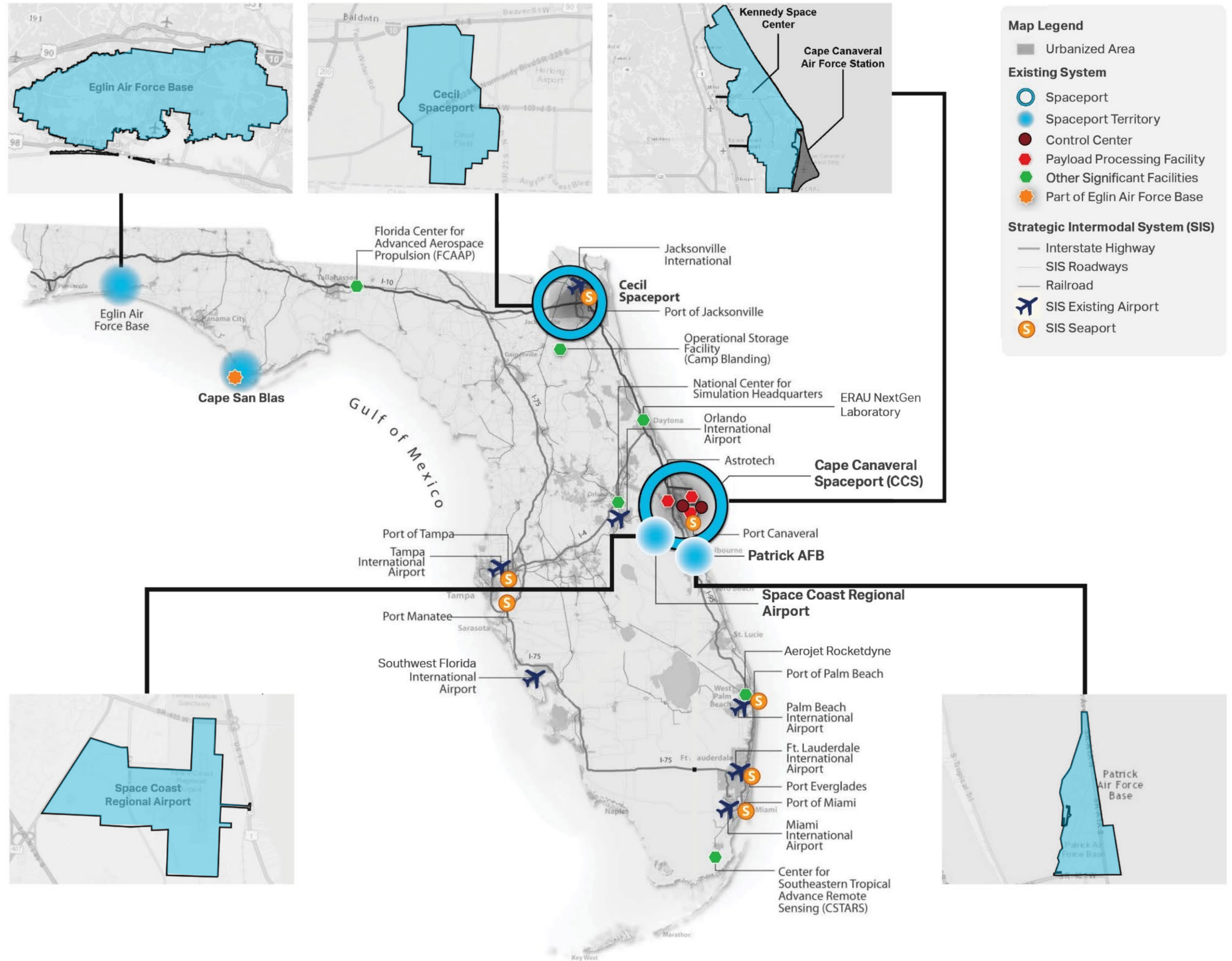
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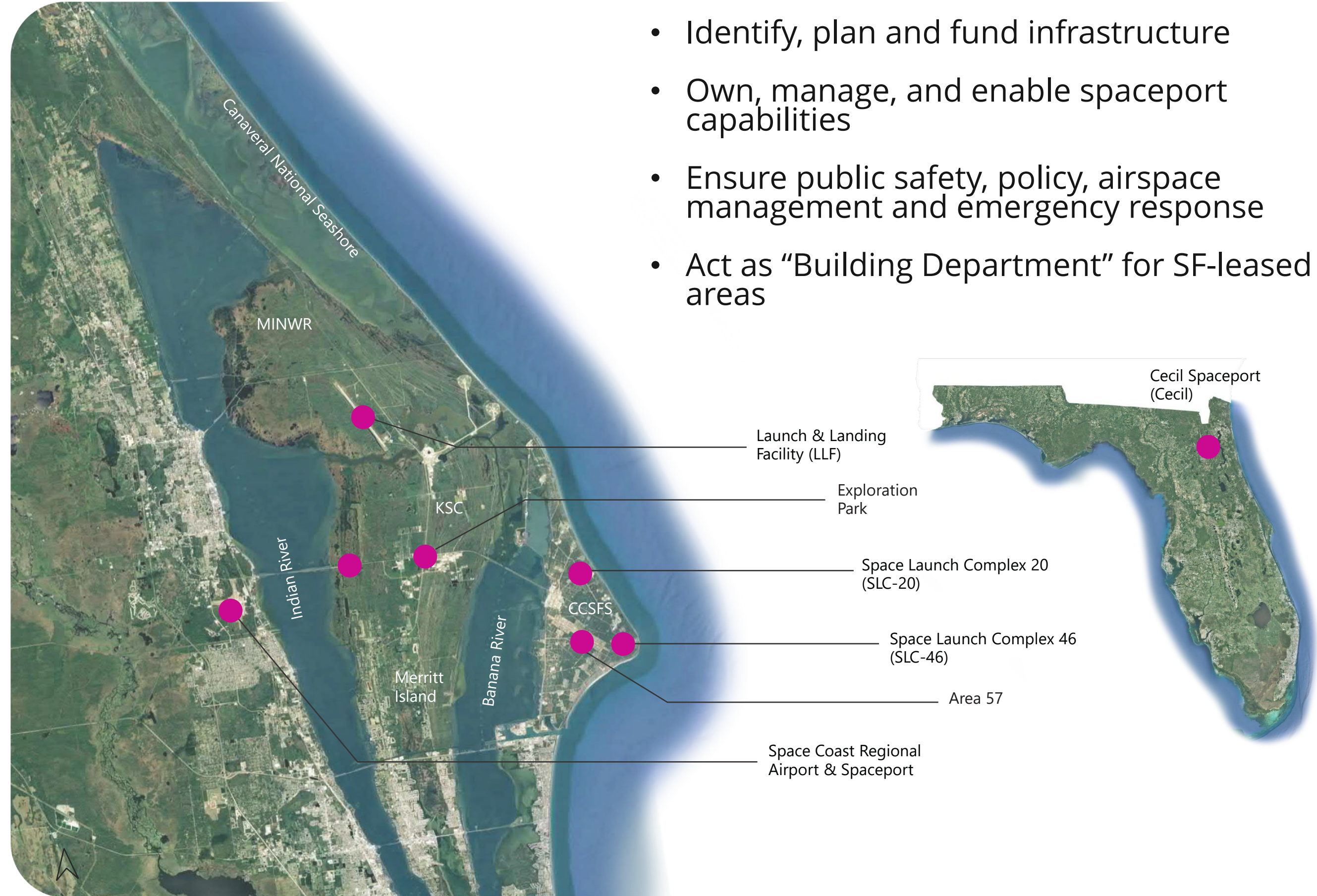
Total Opportunities



FLORIDA'S SPACEPORT SYSTEM



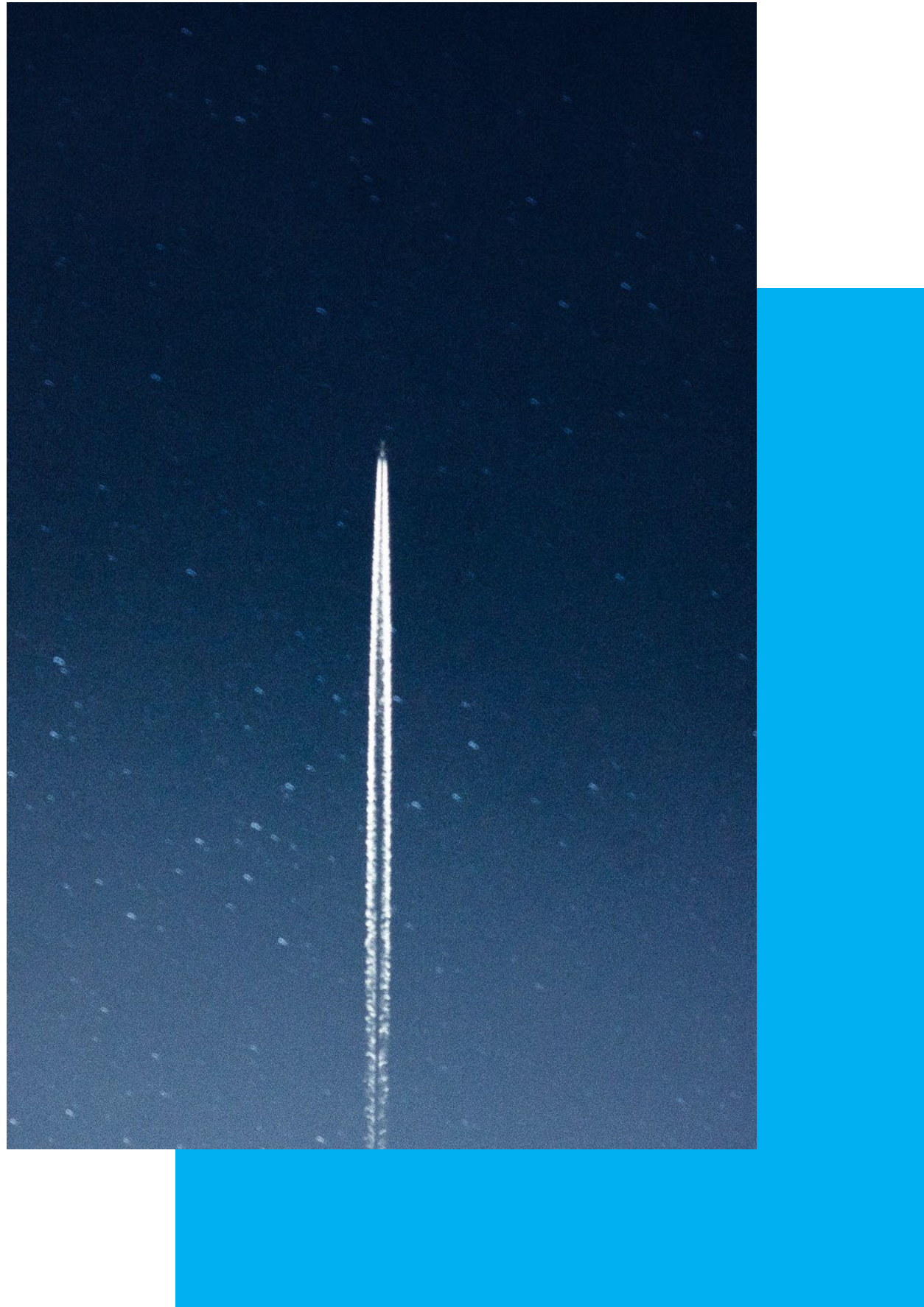
SPACEPORT COMMERCIAL DEVELOPMENT AREAS



- Grow commercial space industry
- Identify, plan and fund infrastructure
- Own, manage, and enable spaceport capabilities
- Ensure public safety, policy, airspace management and emergency response
- Act as “Building Department” for SF-leased areas

How we enable

- Site-ready parcel development / master developer
- Funding & Financing
- Landlord-type improvements for tenant fit-out
- Past Project Examples:
 - Launch Complexes
 - crew / passenger
 - spacecraft, satellite & cargo
 - towers, tanks, flame deflectors, deluge
 - pad hardening
 - support multi-users
 - payload integration facilities
 - Satellite & Spacecraft manufacturing & processing facilities
 - Common use infrastructure
 - high pressure gas extensions
 - fuel & propellant distribution & storage facilities
 - power transmission, substation & distribution
 - roadway improvements for large transporters



SPACEPORT IMPROVEMENT PROGRAM: PAST PROJECTS



SPACEX

New processing and Starship manufacturing facility



CECIL SPACEPORT

Improvement to its operations control center and payload process to enable commercial launch operations



BLUE ORIGIN

New pad at Launch Complex 36



BOEING

The Starliner assembly facility



AIRBUS

Airbus OneWebb Satellite manufacturing facility



UNITED LAUNCH ALLIANCE

Improvements to Launch Complex 41 to enhance capabilities for medium/heavy vehicles at Cape Canaveral Spaceport

The logo for 'SPACEPORT STATS' is positioned in the top left corner. It features the word 'SPACEPORT' in a light blue, sans-serif font above the word 'STATS' in a darker blue, sans-serif font. The background of the entire slide is a vertical image of Earth from space, showing the curvature of the planet and the blackness of space with some stars.

Florida's Spaceport of the Future

We are growing together

+3,900

Direct jobs

\$2.5B

Total spaceport investment
2012 - 2023

\$1.8B

Private Industry Investment (83%)

\$370M

State Investment (17%)

\$3.1B

Total projected spaceport
investment next 5 years

82

Total Florida launches
projected in 2023

Florida's Spaceport Improvement Program

FLORIDA—THE GLOBAL DESTINATION FOR
**SPACE TRANSPORTATION &
AEROSPACE COMMERCE**

FDOT and Space Florida stimulate private sector investments and commercial spaceport development. Below are selected ongoing Spaceport Projects that have been integrated within the state's transportation system. State funds have been leveraged to yield significant results.

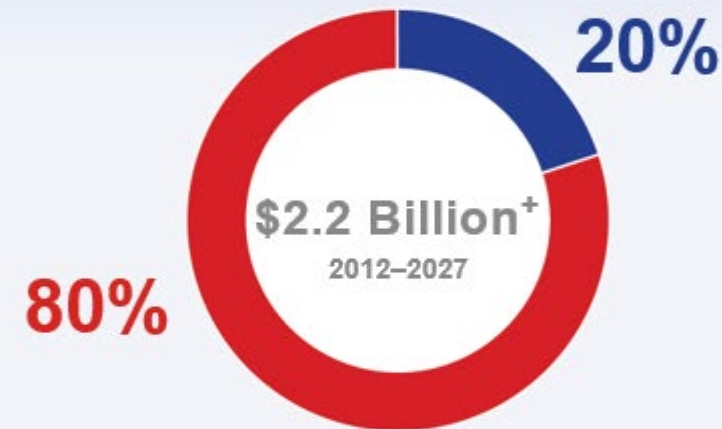


SPACEPORT PROJECTS



- 1 BLUE ORIGIN – COMPOSITES ASSEMBLY FACILITY**
Supports heavy lift launch and operations for customer payloads, and test support
- 2 SPACE FLORIDA – SPACEPORT LAUNCH AND LANDING FACILITY**
Supports commercial aerospace development for multi-users and launch [vehicles](#)
- 3 SPACEX – LAUNCH COMPLEX 39A – EXPANDS SPACE LAUNCH VEHICLE SYSTEMS**
Supports launch of New Starship and Human Transportation in Space
- 4 CECIL SPACEPORT – COMPLETION OF SPACEPORT HANGAR AND UTILITY CORRIDOR**
Enables commercial launch operations at the Jacksonville Aviation Authority – Cecil
- 5 AREA 57 IMPROVEMENTS – REFURBISHES PROCESSING FACILITIES**
Enhances launch operations for medium vehicles at the Cape Canaveral Spaceport

COMMERCIAL MARKET-DRIVEN SPACEPORT MODERNIZATION & GROWTH INVESTMENTS



- Aerospace Partner
- FDOT Participation

Source: FDOT Spaceport Improvement Program

INVESTMENTS

How much does FDOT fund each year?

ACTUAL FY 2019–2023

PROJECTED FY 2024–2028

\$318 MILLION

\$310 MILLION

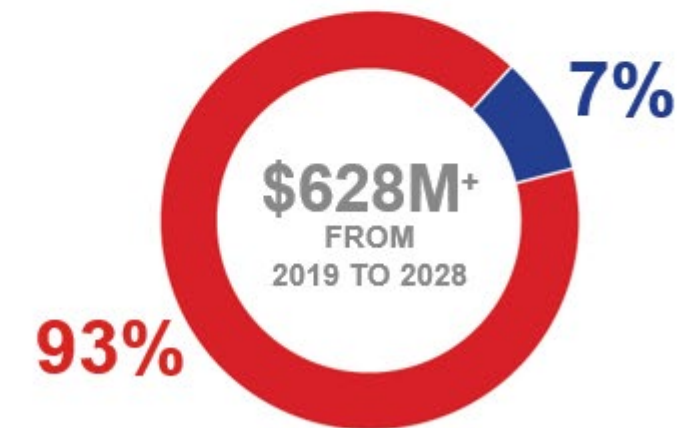


FDOT'S SPACEPORT IMPROVEMENT PROGRAM



Florida Department of Transportation (FDOT) is committed to the successful implementation of Florida's Spaceport Improvement Program.

This information presents FDOT's actual and projected yearly spaceport funding from 2019 to 2028.



- CAPITAL IMPROVEMENTS**
 - Launch complexes
 - Facilities
 - Manufacturing
- PRODUCT SUPPORT**
 - Planning
 - Financial Analysis
 - Design / Inspection

Investment models

PRIVATE INDUSTRY / ECONOMIC DEVELOPMENT

Examples:

Launch provider grants

create jobs & other benefits to Florida

improve the capacity or capabilities

Financing

Melbourne Airport (several projects)

KSC Visitor Complex

SPACE FLORIDA AS DEVELOPER

Examples:

Exploration Park

Launch & Landing Facility (SLF)

Airside

Landside

LC46 multi-user

LC-20 new north pad

PARTNERSHIPS WITH LANDOWNERS

Examples:

NASA Causeway Bridge Replacement

Space Commerce Way Widening

NASA/DoD

Space Coast Regional Spaceport (TICO)

Port Canaveral



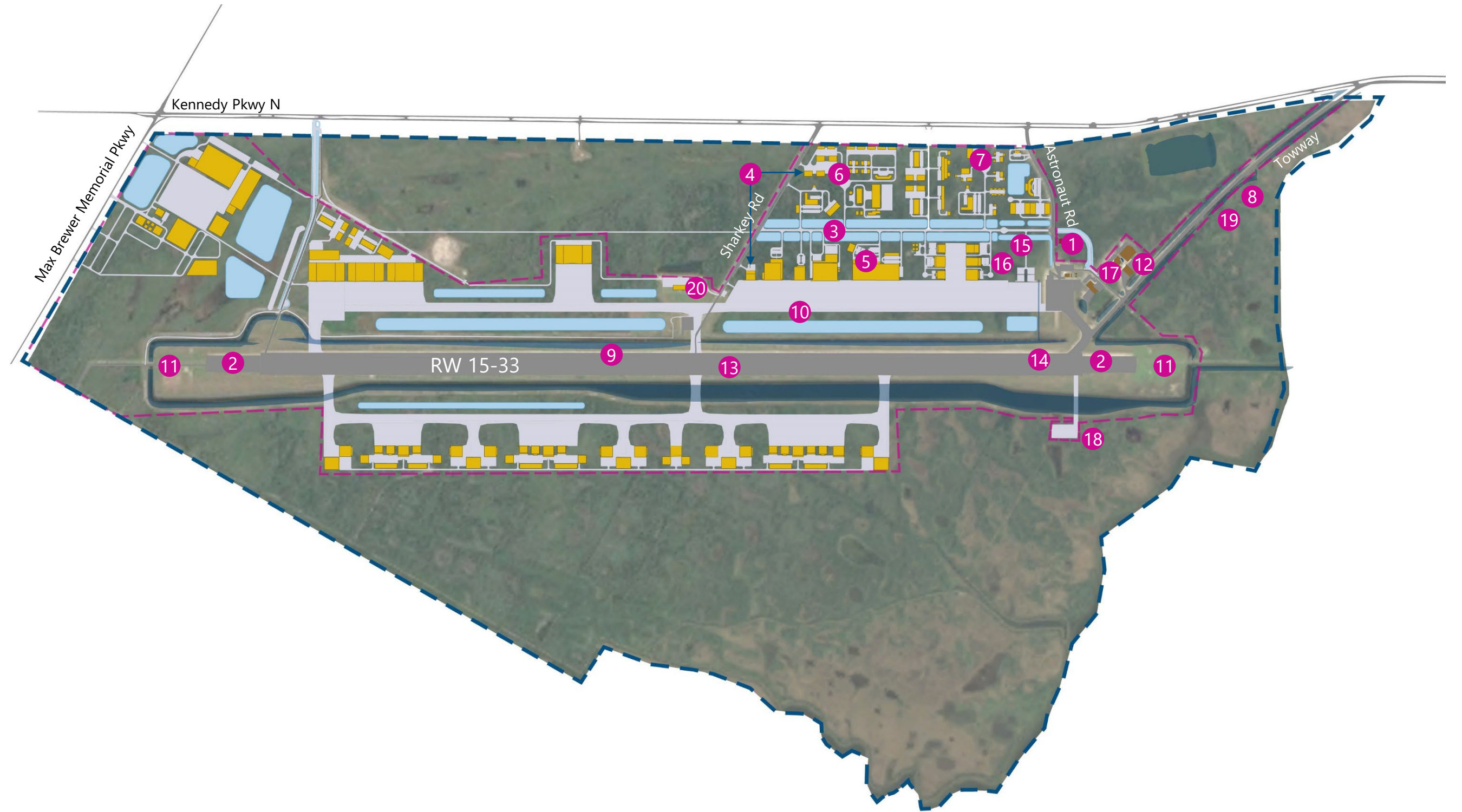
NASA Causeway Bridge Replacement & Space Commerce Way Widening





EXPLORATION PARK

Launch & Landing Facility




LEGEND

	PROPOSED BUILDINGS
	EXISTING BUILDINGS
	PROPOSED PAVEMENT
	EXISTING PAVEMENT
	PROPOSED WATER BODY
	EXISTING WATER BODY
	DEVELOPABLE AREA
	LLF BOUNDARY



- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1 Fuel Farm Storage Facility (Jet-A) Phase 2: 20k Gallon Tank Addition 2 Runway Overrun-Blast Pad Rehab 3 Blocks 2 & 3 Hangar Road Extension 4 Blocks 2 & 3 Wetland Mitigation 5 Block 2 Sites 2-6 Mass Grading 6 Block 3 Sites A, O, B, N Mass Grading | <ul style="list-style-type: none"> 7 Block 3 Sites C-M Mass Grading 8 Commercial Power Transition 9 Airfield Marking Improvements 10 Taxiway Bravo 11 Approach Lighting Modifications 12 RLV Hangar Apron Rehab 13 Airfield Pavement Joint Sealant Replacement | <ul style="list-style-type: none"> 14 Airfield Shoulders Rehab 15 Launch Vehicle Hangar - B747 16 Launch Vehicle Hangar - Airbus A340 17 Operations Hangar (Renovate CVE - Convoy Vehicle Enclosure) 18 Propellant and Fuel Loading Area for Large Vehicles (Hotpad) 19 Helium & Nitrogen Utilities Infrastructure - Vehicle Assembly Building to Southfield/Northfield 20 ATCT Roadway Connector & Parking-Lot |
|--|---|--|

An aerial photograph showing a large-scale construction project. In the foreground, a newly paved road with yellow and white lane markings curves through a landscape of green trees and grass. To the left, there is a parking lot with several vehicles and a small, light-colored building. In the background, a large, flat, sandy area is being developed, with several pieces of heavy machinery, including excavators and trucks, visible. A body of water is on the right side of the image. The overall scene depicts a major infrastructure project in progress.

Launch & Landing Facility
Road & Utility improvements

LC-46 & LC-20





Space Coast Regional Spaceport
Innovation Park
Space Commerce Park

THE GATEWAY TO SPACE

FLORIDA

How we become the global gateway for the aerospace industry:

- Payloads, people, assets outbound & inbound from Florida
- Spaceport System includes in-space elements
- Interplanetary cargo & crew accommodations
- Deepen competitive tax & regulatory systems
- Space-supporting maritime operations



**FLORIDA IS THE GLOBAL, MULTIMODAL
PORT OF ENTRY TO SPACE**

A roadmap for the future

- Adopt system planning (highest & best use)
- Employ new capital sources (self-sustaining)
- Enabling increased launch tempo
- Integrate maritime operations (intermodal)
- Prepare for increased passenger traffic
- Lead in spaceport governance
- Integrate in-space elements
- Prepare for interplanetary commerce



THANK YOU!

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