Air Force Installation & Mission Support Center



Tyndall AFB Rebuild Program Update

Brig Gen Patrice Melançon

Executive Director

Natural Disaster Recovery Program

17 November 2020

Natural Disaster Recovery (NDR) Timeline


'Complete devastation' at Tyndall AFB after direct hit from Michael

Some F-22 fighters may have been damaged by the storm.


Your Air Force

F-35 fighter jets coming to Tyndall Air Force Base

The Associated Press


Your Air Force

Cost to rebuild Offutt after the flood now estimated at $420 million

The Associated Press


Your Air Force

Air Force eyes Langley-Eustis as new F-22 training home

Stephen Losey

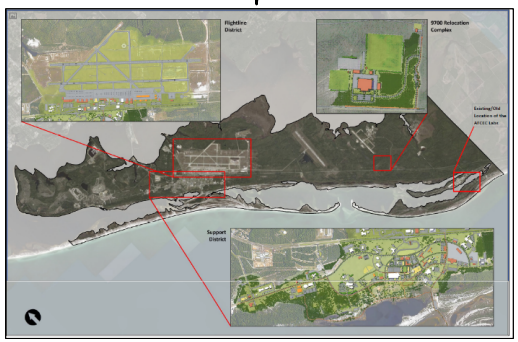

USAF Expects to Need Nearly $1B for Tyndall Recovery in FY19


Congress

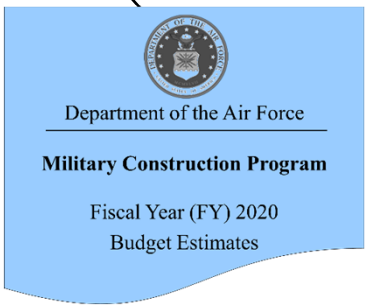
Pentagon finally gets its 2020 budget from Congress

By: Joe Gould

10 Oct 2018 | 7 Dec 2018 | 15-17 Mar 2019 | May 2019 | Jun 2019 | Jul 2019 | Aug 2019 | Dec 2019






Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2020
Budget Estimates

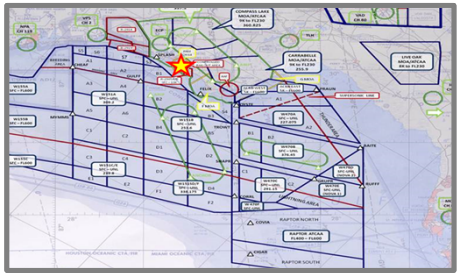


SECAF Guidance

Former Secretary of the Air Force, Honorable Heather Wilson:

- *Build "The Air Force Installation of the Future"*
- *Plan for three (3) F-35 squadrons by 2023*
- *Meet current, anticipated, and future mission requirements*
- *Build the base we need, not the base we had - rebuild Tyndall AFB as the model 21st Century Installation.*











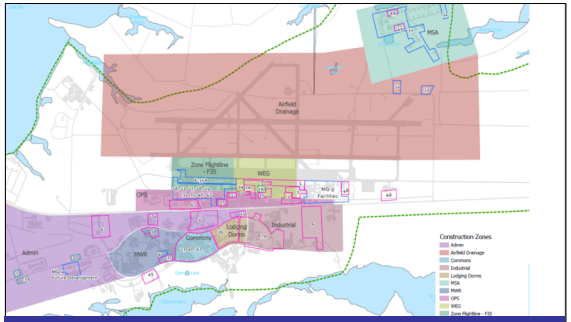
Stakeholders



Program Scope



$4.9B Program



12 Geographic Zones



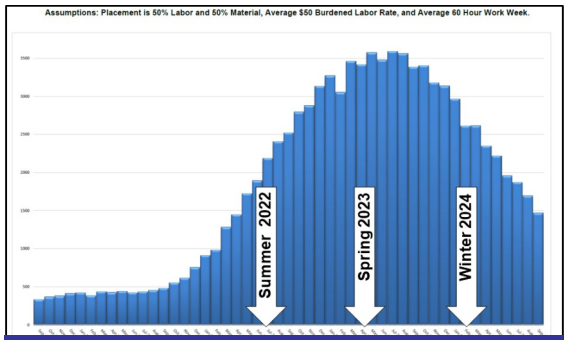
~260 FSRM Projects



44 Projects = ~120 New Facilities



Demolish 247 of 484 Facilities



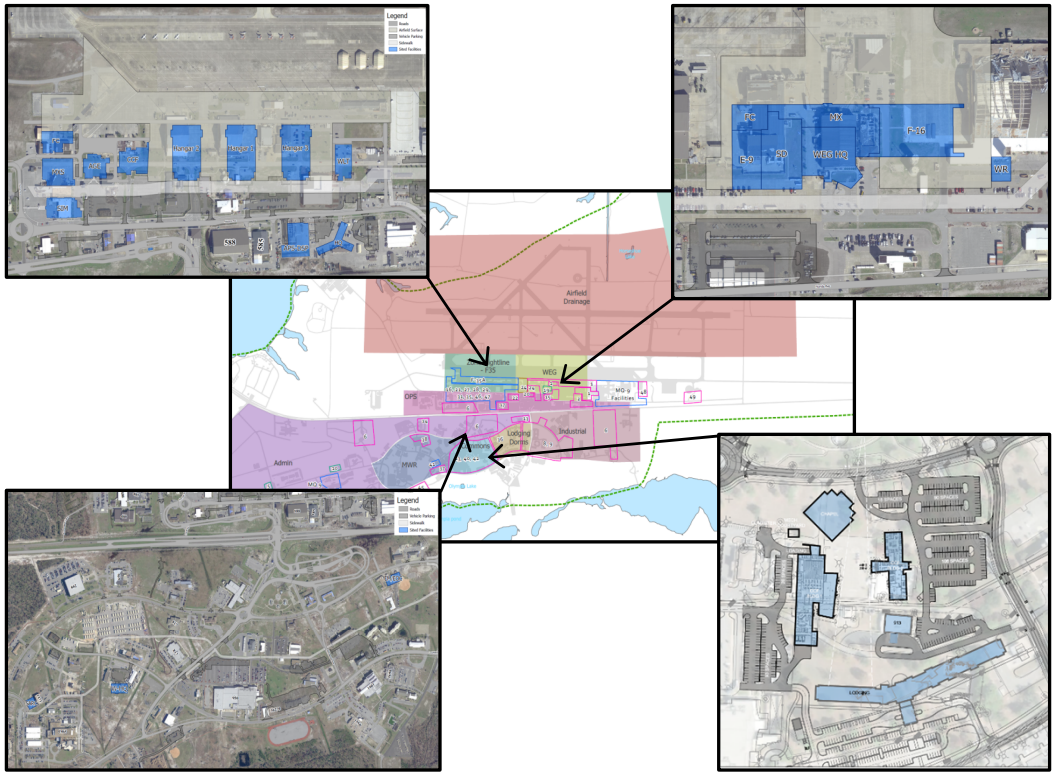
Up to 3,500 Craft Labor

From Planning to Execution

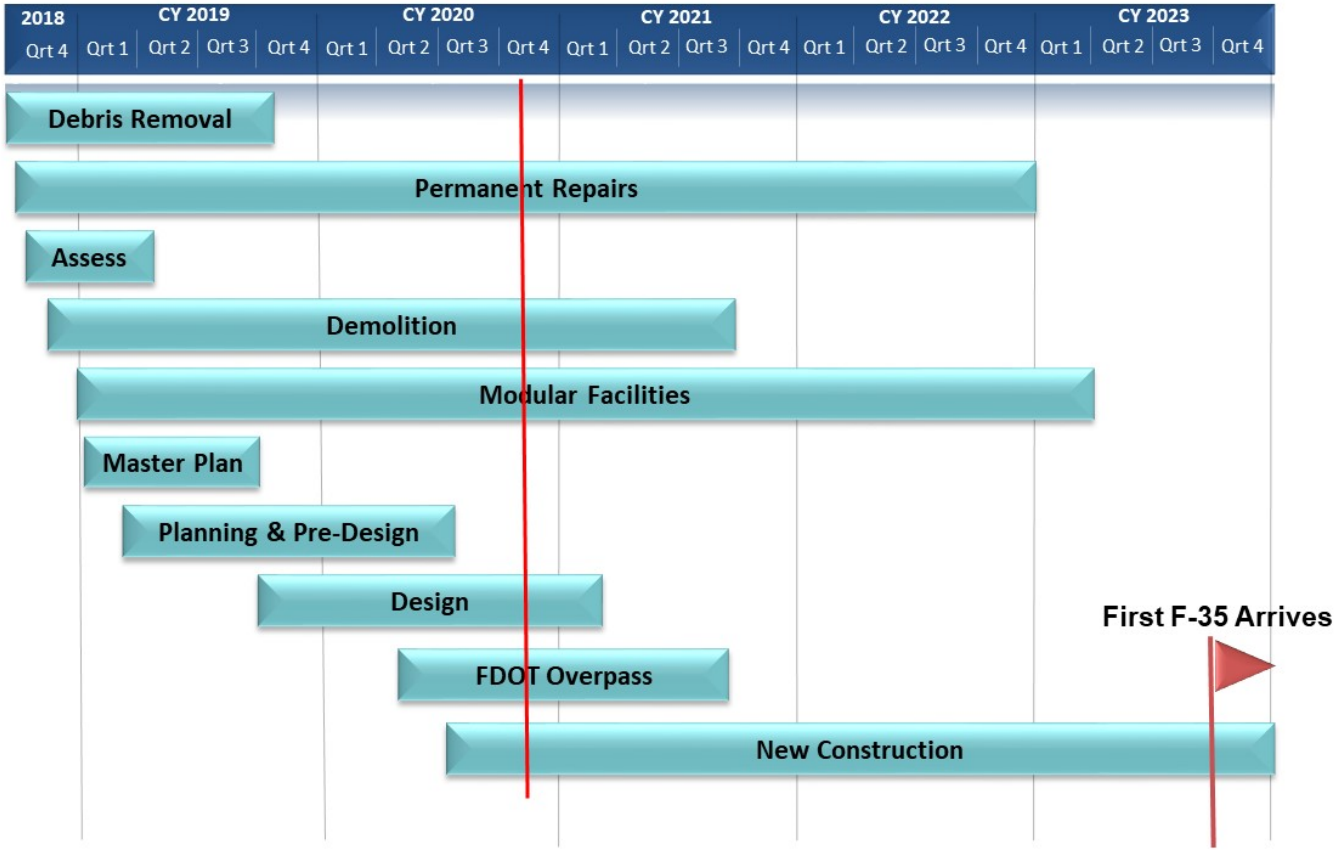
2019 Master Plan…



…Current Project Sitings



Tyndall Rebuild Timeline



First Aircraft Arrival

Zone	Project Title
1	OPS/AMU HANGAR 1
1	AIRCRAFT PARKING APRON
1	SIMULATOR
1	MAINTENANCE SQUADRON COMPLEX
1	AGE FACILITY
1	CORROSION CONTROL FACILITY
1	WEAPONS LOAD TRAINING HANGAR
1	AC MX FUEL CELL HANGAR
1	OG/MXG HQ
2	OSS/RADAR APPROACH CONTROL
4	SITE DEVELOPMENT, UTILITIES & DEMO P2
7	MUNITIONS STORAGE
10	DORM COMPLEX
11	CHILD DEVELOPMENT CENTER #1

Natural Disaster Recovery

Tyndall AFB, FL (USACE Mobile District)

Solicit	Zone	Project Number	Project Title	Magnitude	Acquisition Strategy	Adv	Open Bids	Award
1	1	XLWU203019	Fuel Cell Hangar	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203017	OG/MXG Headquarters	$10M-$25M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203013	Ops/AMU Hangar #1	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203014	Ops/AMU Hangar #2	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203015	Ops/AMU Hangar #3	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203016	MX Squadron Complex	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203038	Weapons Load Training Hangar	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203044	Simulator	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203047	AGE Facility	$10M-$25M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203041	Aircraft Parking Apron	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21
	1	XLWU203018	Wash Rack/Corrosion Control	$25M-$100M	Design Bid Build	Mar 21	May 21	Jul 21

Natural Disaster Recovery

Tyndall AFB, FL (USACE Mobile District)

Solicit	Zone	Project Number	Project Title	Magnitude	Acquisition Strategy	Adv	Open Bids	Award
2	2	XLWU203012	OSS/RAPCON Facility	$25M-$100M	Design Build	Dec 20	Feb 21	Apr 21
	2	XLWU203031	Deployment Center/Flight Line Dining/AAFES	$25M-$100M	Design Build	Dec 20	Feb 21	Apr 21
3	2	XLWU203040	Special Purpose Vehicle Maintenance	$10M-$25M	Design Build	Dec 20	Feb 21	Apr 21
4	3	XLWU203009	53 WEG Hangar	$100M-$250M	Design Build	Mar 21	May 21	Jun 21
	3	XLWU203008	53 WEG Headquarters	$25M-$100M	Design Build	Mar 21	May 21	Jun 21
	3	XLWU203043	WEG Parking Apron	$10M-$25M	Design Build	Mar 21	May 21	Jun 21
5	3	XLWU203010	53 WEG Subscale Drone Facility	$25M-$100M	Design Build	Feb 21	Apr 21	May 21
6-7	4	XLWU203046	Tyndall Gates Complexes	$25M-$100M	Design Build	Jan 21	Mar 21	May 21
8	4	XLWU203045	Site Development, Utilities & Demo Ph. 1	$100M-$250M	Design Build	Apr 21	May 21	Jul 21
	4	XLWU203050	Site Development, Utilities & Demo Ph. 2	$100M-$250M	Design Build	Apr 21	May 21	Jul 21

Natural Disaster Recovery

Tyndall AFB, FL (USACE Mobile District)

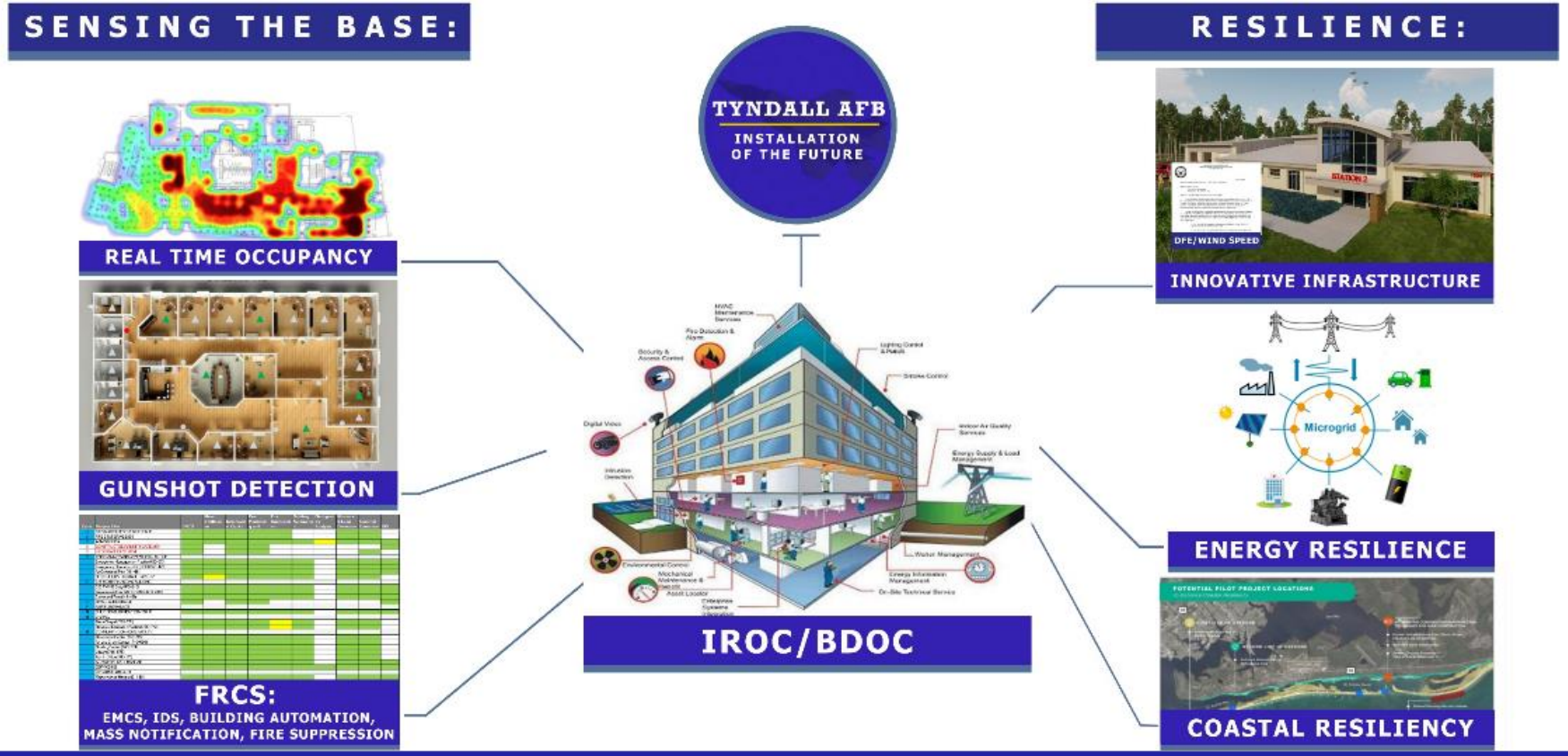
Solicit	Zone	Project Number	Project Title	Magnitude	Acquisition Strategy	Adv	Open Bids	Award
9	5	XLWU203002	CE/CONS/USACE Complex	$100M-$250M	Design Build	Jul 21	Sep 21	Nov 21
	5	XLWU203021	LRS Complex	$100M-$250M	Design Build	Jul 21	Sep 21	Nov 21
10	6	XLWU203003	Airfield Drainage	$100M-$250M	Design Build	Jan 21	Mar 21	Apr 21
11	7	XLWU203048	Munitions Storage	$25M-$100M	Design Build	Aug 21	Oct 21	Nov 21
12	7	XLWU203011	MSA Facilities, 7000 Area	$25M-$100M	Design Build	Aug 21	Oct 21	Nov 21
13	8	XLWU203033	Emergency Management/EOC	$10M-$25M	Design Build	Dec 20	Feb 21	Apr 21
14	8	XLWU203025	SFS Mobility Storage	$5M-$10M	Design Build	Mar 21	May 21	Jun 21
15	8	XLWU203030	325 FW Headquarters	$25M-$100M	Design Build	Mar 21	May 21	Jul 21
16	8	XLWU193004	Small Arms Range	$25M-$100M	Design Build	May 21	Jun 21	Jul 21
17	9	XLWU203026	Boat Marina/Rec Center	$25M-$100M	Design Build	Mar 21	May 21	Jul 21
18	9	XLWU203026	Rec Field /Restrooms	$10M-$25M	Design Build	Jan 22	Apr 22	May 22
19	9	XLWU203026	Pool/Bath House/Pavilion	$10M-$25M	Design Build	Apr 22	Jun 22	Jul 22

Natural Disaster Recovery

Tyndall AFB, FL (USACE Savannah District)

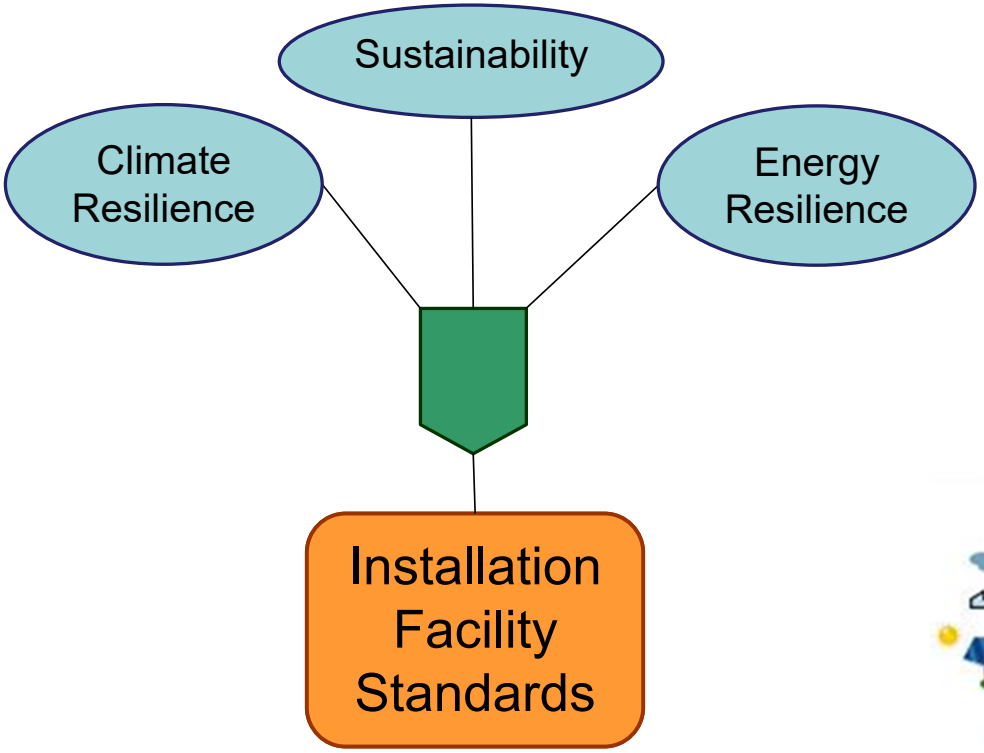
Solicit	Zone	Project Number	Project Title	Magnitude	Acquisition Strategy	Adv	Open Bids	Award
20	10	XLWU203028	Lodging Facilities	$100M-$250M	Design Build MATOC TO	Nov 20	Jan 21	Mar 21
21	10	XLWU203004	Dorm Complex	$250M-$500M	Design Build MATOC TO	Apr 21	May 21	Jul 21
22	11	XLWU203006	Child Development Center	$25M-$100M	Design Build MATOC TO	Jul 20	Sep 20	Sep 20
23	11	XLWU203005	Chapel	$25M-$100M	Design Build MATOC TO	May 21	Jun 21	Aug 21
	11	XLWU203029	Community Commons	$25M-$100M	Design Build MATOC TO	May 21	Jun 21	Aug 21
24	12	XLWU203036	Fire Station #4	$5M-$10M	Design Build	Apr 21	Jun 21	Aug 21
25	12	XLWU203027	AFCEC RDT&E Facilities	$100M-$250M	Design Build MATOC TO	Jun 21	Jul 21	Sep 21
26	12	XLWU203034	Silver Flag Facilities	$25M-$100M	Design Build MATOC TO	Jun 21	Jul 21	Sep 21

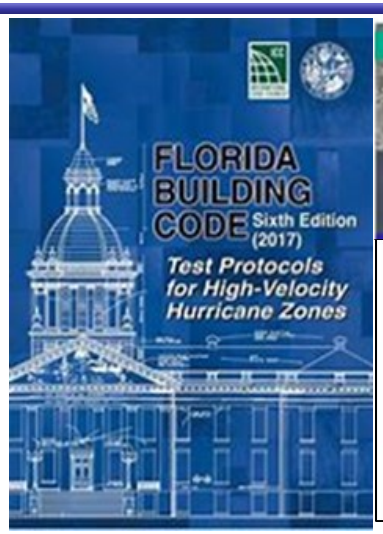
Tyndall Installation of the Future (IoTF)



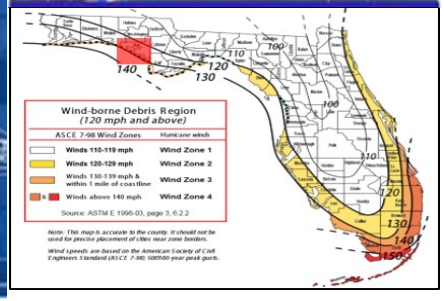
Incorporates lessons learned, maximizes resilience and reduces long term sustainment costs

IotF Components – Climatic Resiliency

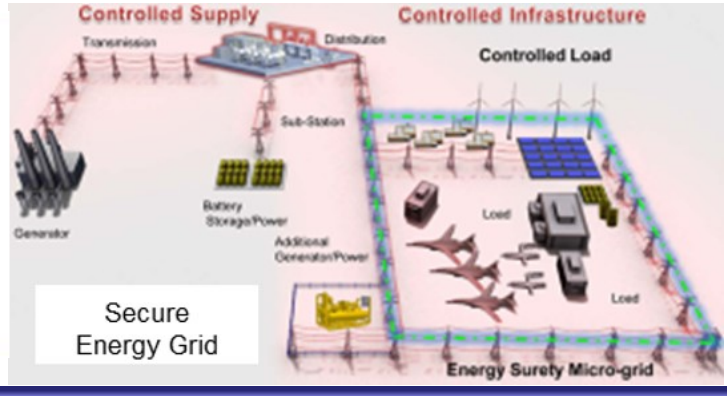










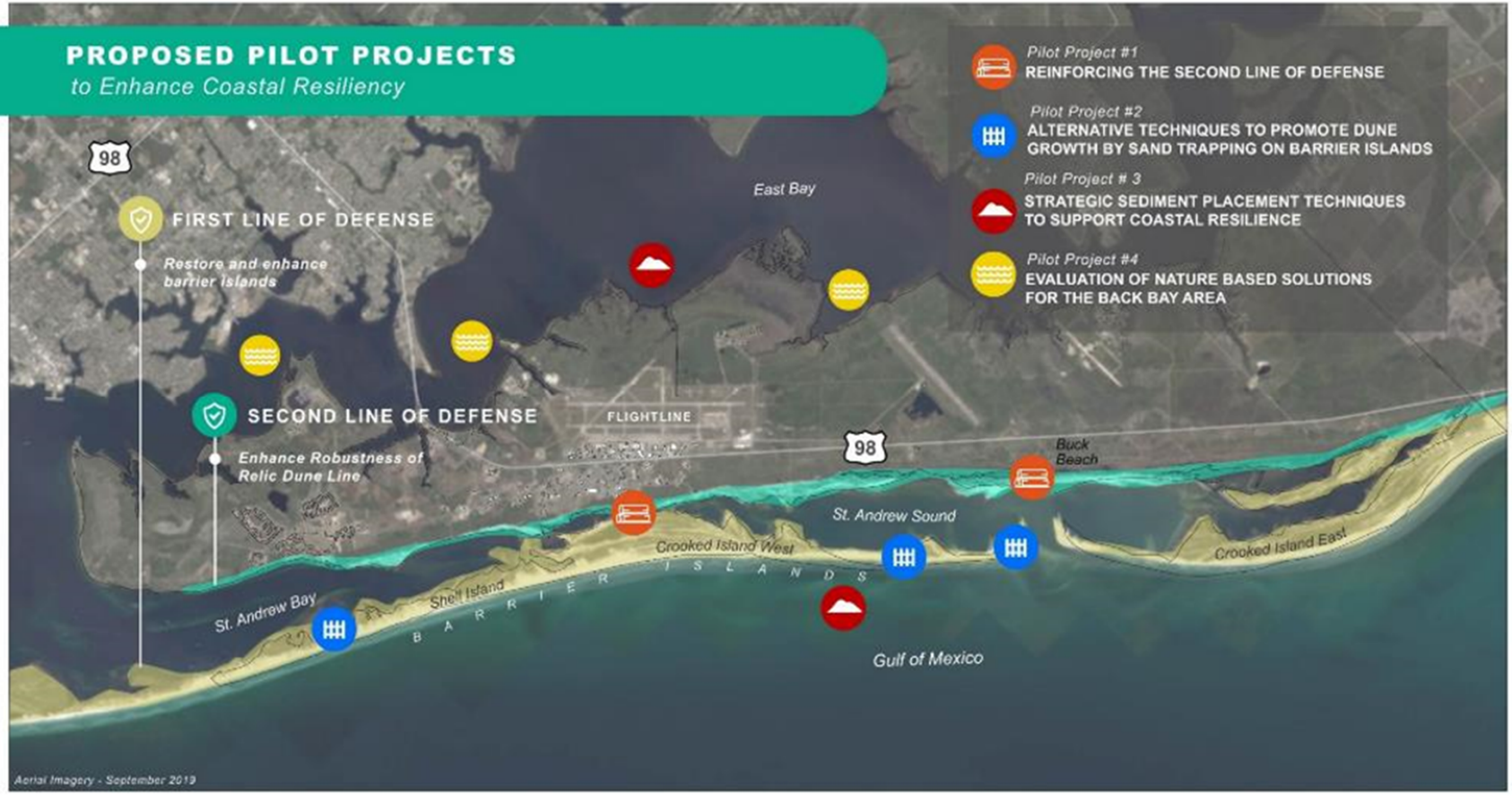


IotF Components – Climatic Resiliency

Coastal Resilience

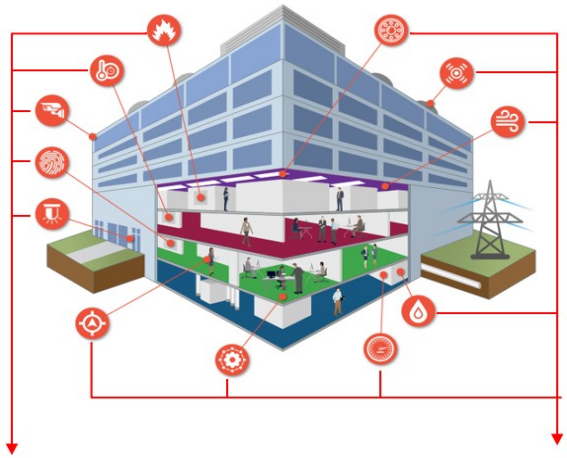
Nature-Based Coastal Resilience

Planned Pilot Projects



IotF Components – Smart Technology

- **<u>Smart Technology</u> includes technology for more resource efficient building operations**
- **HVAC & FRCS from single vendor**
- **Installation Resiliency Operations Center (IROC) supported by Machine Learning / Artificial Intelligence**







Your Success is Our Mission!