



EFIS Rewrite Project

Presenters: Vi Brown

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Tallahassee, FL



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OEF Presenters

- **Vi Brown – Office of Education Facilities**

Agenda

- Introduction
- EFIS Overview
- EFIS Rewrite Overview – Status Update
- EFIS Demo
- Next Steps/Action Items (Production Rollout)



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What is EFIS?

Educational Facilities Information System

EFIS Definition- Computer based system used to track present educational and ancillary plants and the determination of future needs to provide an appropriate educational program and services for each student based on projected capital outlay FTE's approved by the Department of Education



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Approved EFIS Rewrite Project

In the 2018 Legislative session, funding was approved for the EFIS Rewrite Project.







What is the purpose of the EFIS Rewrite?

- EFIS has not been updated since 2007
- Bring the application up to modern software and security industry standards
- Improve functionality and efficiency for users
- We have gathered feedback from district EFIS users and internal users with suggestions on how to improve the system
- We created detailed project requirements for IT staff





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What is the timeline for the EFIS Rewrite?

- The EFIS Rewrite officially started on September 1, 2018
- The project should take roughly 18 months





Hang in there!

What EFIS changes can we expect to see?

- New Single Sign-On Feature
- New Dashboard Feature – Landing Page
- Castaldi information will be accessible
- Improved *print* capability
- Improvements to every EFIS module:
FISH, Five Year Survey, Five Year Work Plan,
Community Colleges, and Project Tracking





New Dashboard Feature

- Welcome screen, EFIS Homepage
- Easy access to Messages, Alerts, and Stats
- Each module listed across the top of the screen:
FISH, Survey, Work Plan, Community Colleges, Project Tracking
- Links to SREF and User Manuals





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New Single Sign-On Feature

- Currently, new EFIS users need to register at <https://efis.fldoe.org/EFISExternal/>. The request comes to us at DOE and must be verified with the Security Contact on file for the district.
- The new system will utilize Single Sign-On, meaning all new users will be approved at the district level and will not need DOE approval.





Castaldi

- Castaldi information will be found on the Building Details screen in FISH, on the District Dashboard, and in the FISH Report
- Keep track of approved Castaldi with date approved

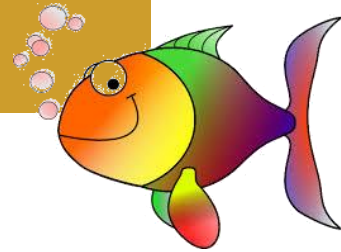


Castaldi continued

- Castaldi- A report on the condition of a building.
- Castaldi are based on a formula created by a man named Dr. Castaldi in Bristol county, Massachusetts. The formula evaluates the cost effectiveness of tearing down a building(s) or facility versus completing repairs/renovations.
- Districts need DOE approval in the form of a Castaldi for any individual building they want to tear down.



Module 1: FISH




- New and improved search fields in FISH
- Under facility details, new field for 'Under Construction'
- New button indicating if facility is a hurricane shelter
- Validate MSID's against the public school MSID database to ensure accuracy

FISH module continued

- Any records in FISH that are deleted will be recoverable
- Ability to share/split parcels at building level
- Ability to remove the last building from a parcel
- Ability to export and print reports generated in FISH

Screen Shots of FISH Screens



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user id | Logout

HOME FISH FIVE YEAR SURVEY FIVE YEAR WORK PLAN COMMUNITY COLLEGES PROJECT TRACKING REPORTS

Educational Facilities Information System

SEARCH FACILITIES

Organization	13 - DADE COUNTY SCHOOL DISTRICT	Facility Number	
Facility Name		Facility Suffix	A - STANDARD SCHOOL
Primary Use	None - None	Capital Outlay	None - None
Record Status	Active		

SEARCH CLEAR

#	Number	Name	Organization	Facility Report
<input type="checkbox"/>	1	AIR BASE K-8 CENTER FOR INTERNATIONAL EDUCATION	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	2	LENORA BRAYNON SMITH ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	3	ARCOLA LAKE ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	4	ALBURNDALE ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	5	AVOCADO ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	6	BANYAN ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	7	RUTH K BROAD-BAY HARBOR K-8 CENTER	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	8	ETHEL KOGER BECKHAM ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	9	BEL-AIRE ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
<input type="checkbox"/>	10	BENT TREE ELEMENTARY	13 - DADE COUNTY SCHOOL DISTRICT	Facility Report
...

TOTAL RECORDS: 342

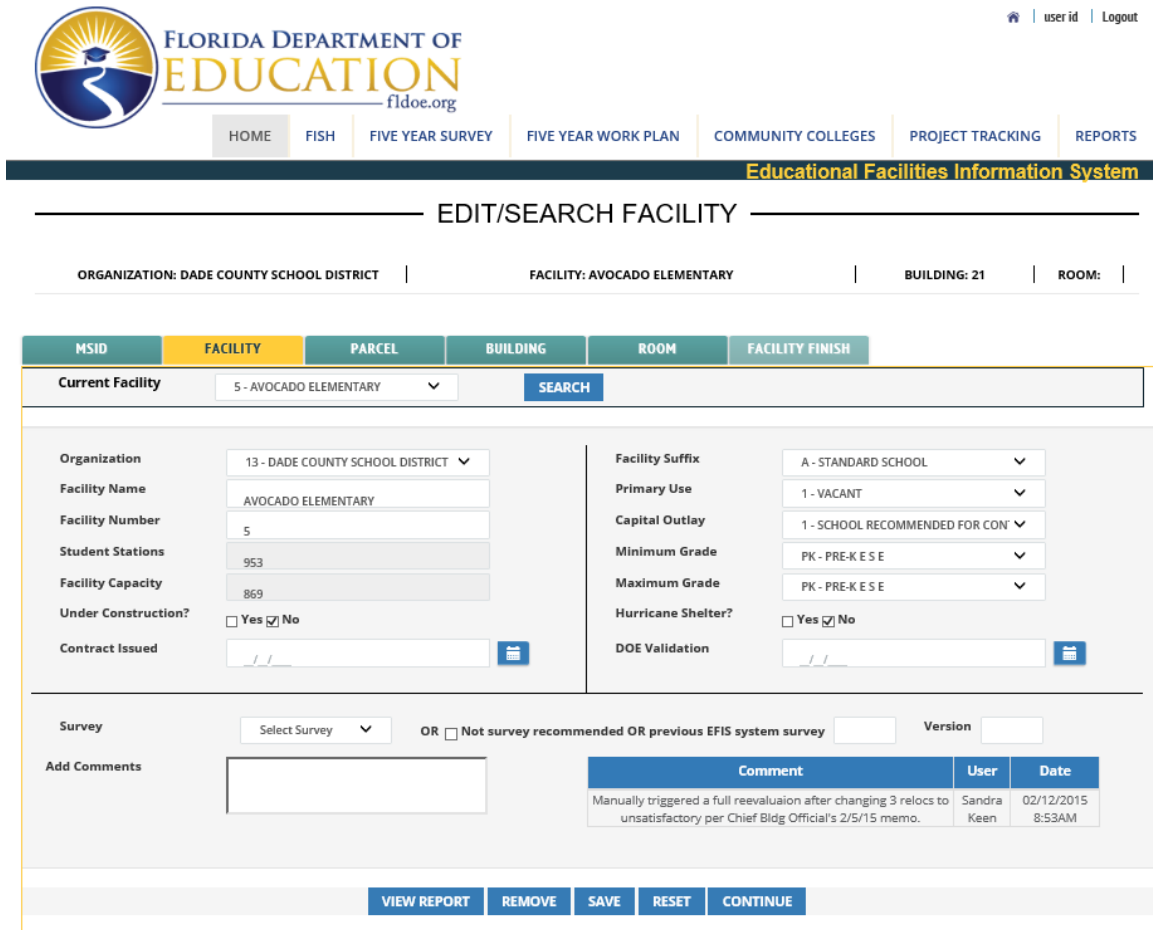
« ‹ 1 2 3 4 5 6 7 ... 14 › » Go to Page

Edit Facility

Add Parcel

View COFE Info

Screen Shots of FISH Screens



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Educational Facilities Information System

EDIT/SEARCH FACILITY

ORGANIZATION: DADE COUNTY SCHOOL DISTRICT | FACILITY: AVOCADO ELEMENTARY | BUILDING: 21 | ROOM: |

MSID | **FACILITY** | PARCEL | BUILDING | ROOM | FACILITY FINISH

Current Facility: 5 - AVOCADO ELEMENTARY [SEARCH]

Organization	13 - DADE COUNTY SCHOOL DISTRICT	Facility Suffix	A - STANDARD SCHOOL
Facility Name	AVOCADO ELEMENTARY	Primary Use	1 - VACANT
Facility Number	5	Capital Outlay	1 - SCHOOL RECOMMENDED FOR CON
Student Stations	953	Minimum Grade	PK - PRE-K E S E
Facility Capacity	869	Maximum Grade	PK - PRE-K E S E
Under Construction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hurricane Shelter?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contract Issued	__/__/__	DOE Validation	__/__/__

Survey: Select Survey OR Not survey recommended OR previous EFIS system survey Version:

Add Comments:

Comment	User	Date
Manually triggered a full reevaluation after changing 3 relocs to unsatisfactory per Chief Bldg Official's 2/5/15 memo.	Sandra Keen	02/12/2015 8:53AM

VIEW REPORT | REMOVE | SAVE | RESET | CONTINUE



Module 2: Five Year Survey

- Ability to track Surveys that are pending or in progress
- Ability to print Project Priority Lists (PPLs)
- Revised drop down menu options
- Expand/collapse recommendation details
- Revised calculations for gymnasium and band student stations



Screen Shots of Survey Screens



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Educational Facilities Information System

CREATE SURVEY

Organization: 13 - DADE COUNTY SCHOOL DISTI

Create a Whole New Survey | Create a Spot Survey (from Survey 5, Version 1)

FISH Confirmation: Once a survey has been created, the FISH data imported into it cannot be updated. Checking this box is your certification that all FISH data is up to date. You must make any needed FISH updates and check this box before creating a new survey.

CREATE CANCEL

Screen Shots of Survey Screens

SURVEY - CREATE A FACILITY LIST

Organization <input type="text" value="13 - DADE COUNTY SCHOOL DISTRICT"/>	Survey <input type="text" value="Survey 5 . 2 -- 05/20/2019"/>
<input checked="" type="radio"/> Create a Blank Facility List:	Facility Use <input type="text" value="1 - VACANT"/>
Min Grade <input type="text" value="PK"/>	Max Grade <input type="text" value="PK"/>

CREATE

CLEAR



Module 3: Project Tracking

- Upload blueprints
- Upload of facility information so that you do not need to re-enter it on the 208A form
- Transfer of approved data into FISH
- Ability to print forms



Checklist

Screen Shots of Project Tracking Screens



PROJECT TRACKING - CREATE NEW PROJECT

Current Project: *N/A*

LETTER OF TRANSMITTAL

Organization Type	DISTRICT NAME	Project Description	
Organization	13 - DADE COUNTY SCHOOL DISTRICT	Legacy Project Number	(If Applicable)
Phase	Phase I (Schematic)	Plan Review Entity	<input type="radio"/> Department of Education <input type="radio"/> Other

Code Name

No facilities found for this project.

ADD SCHOOL OR CAMPUS CODE
IMPORT FROM FISH

New Plant
 Remodeling
 Addition
 Renovation
 Other

The submittal includes documents for construction that (exceeds is less than) \$300,000 in construction cost, for the above-referenced facility. The information required by s. 1013, FS; SBE Rule 6A-2.0010, FAC; and SREF for the review of this project is provided as follows:

- Submittal includes

No submittal documents included

ADD FORM
- Reuse of construction documents SREF 4.3(2).

Select reuse project (if applicable)
- Scheduled bid date when known
- Scheduled completion date
- Grade Levels - Size/grouping planned student stations of this project.

Min. Grade Level

4.Type of facility and brief description of project

Screen Shots of Project Tracking Screens

PROJECT TRACKING - VIEW PROJECTS

Search Project or Manage Review Documents: [SEARCH PROJECT NUMBER](#) ^{OR} [MANAGE REVIEW DOCUMENTS](#)

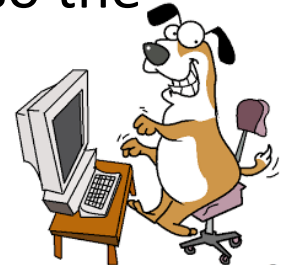
Organization Type: Organization:

	Project Number	School/Campus Name(S)	Status	Description
Select	2069-1	CYPRESS ELEMENTARY	REVIEW LETTER SENT	Ren: ADA Upgrades
Select	2075-1	W R THOMAS MIDDLE	REVIEW LETTER SENT	Ren: ADA Upgrades
Select	2318-1	Fienberg/Fisher K-8	PROJECT SUBMITTED	ADA Upgrades
Select	2321-1	Hialeah Middle School	PROJECT SUBMITTED	ADA Corrections - Batch 3
Select	2322-1	Early Childhood Center - ECC-3	PROJECT SUBMITTED	New Facility
Select	2323-1	MIAMI CENTRAL SR. HIGH SCHOOL	PROJECT SUBMITTED	SELECT DEMOLITION FOR PHASE 1
Select	2324-1	MIAMI CENTRAL SR. HIGH SCHOOL	PROJECT SUBMITTED	SELECT DEMOLITION FOR PHASE 1
Select	2325-1	MIAMI CENTRAL SR. HIGH SCHOOL	PROJECT SUBMITTED	SELECT DEMOLITION FOR PHASE 1
Select	2326-1	Rainbow Park Elem.	PROJECT SUBMITTED	Reroofing Project - Roofing Term Bid Year 2005-2006
Select	2327-1	Early Childhood Center (ECC-1)	PROJECT SUBMITTED	New Facility
Select	2328-1	G. Holmes Braddock Senior High School	PROJECT SUBMITTED	Site Improvements
Select	2329-1	Miami Park Elementary	PROJECT SUBMITTED	Sewer Replacement
Select	2342-1	Miami Lakes K-8 Conversion	PROJECT SUBMITTED	Building 01 Remodeing and Renovations
Select	2343-1	Tropical Elementary School	PROJECT SUBMITTED	Covered Walkway to Existing Parent Drop-off
Select	2344-1	Mae Walters Elem.	PROJECT SUBMITTED	Kitchen Hood, HVAC & Exterior Doors Upgrade



Module 4: Five Year Work Plan

- Ability for system admin. to upload PECO data rather than manually enter it
- Ability for OEF to open a processed work plan so the district can make changes and re-submit
- Improvements to how data is saved on the expenditure/revenue pages





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Module 5: Community Colleges

- For State College Cost per sq. ft., ability to load data rather than manual data entry
- Better visibility of error messages and pop-ups



Community Colleges continued

- Ability to track Surveys that are pending or in progress
- Ability to print Project Priority Lists (PPLs)
- Revised drop down menu options
- Expand/collapse recommendation details



Other Misc. New Features

- Roll EFIS Monitor emails into one daily update email
- Improved error messages in the EFIS system to explain when business rules are violated and provide clear guidance to the user



Summary of EFIS Changes at a Glance

OLD EFIS SYSTEM

- DOE verifies new users with district Security contact person
- System messages appear to all users on the EFIS Home page
- Multiple emails to users when they are making changes in EFIS
- Limitations in printing across the modules

NEW EFIS SYSTEM

- Single Sign-On Process for district users
- New Dashboard feature will personalize relevant messages and information
- Roll EFIS Monitor emails into one daily update email
- New printing feature in all modules

Next Steps/Action Items

- Continued Module Development
- Internal and EFIS/OEF Testing
- District Pilot
- Watch for Future Communications and Webinars for EFIS Updates and Training



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Questions?

Please contact the Office of Educational Facilities (OEF) with any EFIS questions.

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THE END





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