COASTAL PROTECTION AND RESTORATION AUTHORITY

CPRA

STRATEGIC PLAN

FISCAL YEAR 2014 – 2015

through

FISCAL YEAR 2018 – 2019

COASTAL PROTECTION AND RESTORATION AUTHORITY
FIVE YEAR STRATEGIC PLAN
FISCAL YEAR 2014 – 2015 THROUGH FISCAL YEAR 2018- 2019

The Coastal Protection and Restoration Authority (CPRA) was established as the single state entity with authority to articulate a clear statement of priorities and to focus development and implementation efforts to achieve comprehensive coastal protection for Louisiana.

The CPRA's mandate is to develop, implement and enforce a comprehensive coastal protection and restoration master plan. For the first time in Louisiana's history, this single state authority will integrate coastal restoration and hurricane protection by marshaling the expertise and resources of other state agencies, to speak with one clear voice for the future of Louisiana's coast. Working with federal, state and local political subdivisions, including levee districts, the CPRA will work to establish a safe and sustainable coast that will protect our communities, the nation's critical energy infrastructure, and our bountiful natural resources for generations to come.

The Coastal Protection and Restoration Authority (CPRA) of Louisiana was initially established as a Board of Directors by Act 8 of the 1st Extraordinary Session of 2005. Act 545 of the 2008 Regular Session and Act 523 of the 2009 Regular Session provided the Board of Directors with an implementation arm by integrating the coastal restoration and flood protection divisions of the Department of Natural Resources (DNR) and the Department of Transportation and Development (DOTD), creating the Office of Coastal Protection and Restoration (OCPR) within the Executive Department. To avoid confusion, in the first quarter of FY2012 OCPR began operating under the CPRA name. Act 604 of the 2012 Regular Session of the Louisiana Legislature formalized this name change.

VISION: The vision of the Coastal Protection and Restoration Authority is to establish and support a thriving and sustainable coastal Louisiana, achieved through a harmonious balance of ecological, cultural, and economic interests of the region.

MISSION: The mission of the Coastal Protection and Restoration Authority is to achieve comprehensive coastal protection for Louisiana through the articulation of a clear statement of priorities and focused development and implementation efforts. This includes working closely with other entities on coastal issues, including the federal, state and local entities, the Governor's Advisory Commission on Coastal Protection, Restoration, and Conservation, and levee districts. Finally, the CPRA will implement projects approved by the Coastal Protection and Restoration Authority Board and in accordance with the Comprehensive Master Plan for a Sustainable Coast and the Annual Plan.

PHILOSOPHY: Louisiana is in the midst of a land loss crisis that has claimed 1,880 square miles of land since the 1930s. Given the importance of so many of south Louisiana's assets—our waterways, natural resources, unique culture, and wetlands—this land loss crisis is nothing short of a national emergency.

If we do not aggressively address this crisis, the problem intensifies. Our analysis confirmed that if we do nothing more than what has been done to date, we have the potential to lose up to an additional 1,750 square miles of land. This land loss will increase flooding risk with disastrous effects. Put simply: the status quo cannot be maintained, and we must take bold action now to save our coast. At the same time, our analysis demonstrated that we do have the opportunity, if we continue to build upon current successes, to avert an otherwise bleak future.

OVERALL GOALS

The goals of the Coastal Protection and Restoration Authority are:

I. Provide benefit to Louisiana's citizens and communities, the nation's critical energy infrastructure, and our bountiful natural resources through protecting, restoring, enhancing or creating vegetated wetlands annually from FY 2014-2015 through FY 2018-2019, in accordance with CPRA's Annual Plans.

II. Protect the public and property by levee improvements coast wide, annually from FY 2014-2015 through FY 2018-2019, in accordance with CPRA's Annual Plans.

AGENCY ORGANIZATION

The Coastal Protection and Restoration Authority has one program, Implementation, and is comprised of five divisions:

1. **The Executive Division** is comprised of the Executive, Legal, Outreach and Engagement, and Project Support sections.

2. **The Operations Division** is comprised of three regional offices located in Lafayette, Thibodaux and New Orleans, with the headquarters in Baton Rouge.

3. **The Planning and Research Division** is comprised of a Strategic Planning section and a Studies and Environmental section.

4. **The Engineering Division** provides engineering and design for protection and restoration projects.

5. **The Project Management Division** manages the design and construction phases of protection and restoration projects, and includes a Project Controls section which monitors project timelines, budgets, and other construction-related data.

An organization chart is provided in the Appendix.

COASTAL PROTECTION AND RESTORATION AUTHORITY

The following staff members of the Coastal Protection and Restoration Authority participated in the development of this plan:

Garret Graves	Chairman
Jerome Zeringue	Executive Director
Kyle Graham	Deputy Executive Director
Janice Lansing	Chief Financial Officer
Richard Raynie	Planning and Research Division, Chief Scientist
Maury Chatellier	Engineering Division Administrator
Robert Routon	Program Project Management Division Administrator
John Monzon	Operations Division Administrator

Program: **Implementation**

Mission: The mission of the Coastal Protection and Restoration Authority - Implementation Program is to implement the projects approved by the Coastal Protection and Restoration Authority Board and in accordance with the Comprehensive Master Plan for a Sustainable Coast and the Annual Plan.

Goals:

I. Provide benefit to Louisiana's citizens and communities, the nation's critical energy infrastructure, and our bountiful natural resources through protecting, restoring, enhancing or creating vegetated wetlands annually from FY 2014-2015 through FY 2018-2019, in accordance with CPRA's Annual Plans.

II. Protect the public and property by levee improvements coast wide, annually from FY 2014-2015 through FY 2018-2019, in accordance with CPRA's Annual Plans.

Program Activity I: Ecosystem Restoration

Objective I.1: Implement ecosystem restoration strategies, projects and activities, set forth in the Coastal Protection and Restoration Authority's Comprehensive Master Plan for a Sustainable Coast and Annual Plan as approved by the Louisiana Legislature.

Strategy I.1.1 Implement, via partnerships with federal, state and local government entities and other stakeholders, high priority projects to protect, restore, create and enhance coastal wetlands.

Program Activity II: Flood Protection

Objective II.1: Implement flood protection strategies, projects and activities, set forth in the Coastal Protection and Restoration Authority's Comprehensive Master Plan for a Sustainable Coast and Annual Plan as approved by the Louisiana Legislature.

Strategy II.1.1 Implement, via partnerships with federal, state and local government entities and other stakeholders, high priority projects to reduce economic losses from storm based flooding.

Performance Indicators:

Outcome:

Acres Directly Benefitted by Projects Being Constructed

Net Land Gained by Projects Being Constructed

Miles of Levee Improved by Projects Being Constructed

Damage Reduction measured as Expected Annual Damages (EAD) by Projects Being Constructed

APPENDIX

PROCESS DOCUMENTATION

PRIMARY PERSONS BENEFITING FROM EACH OBJECTIVE

	Governor	Legislature	Industry	Environmental Community	Employees of CPRA	Citizens	Recreational Users
Activity I (restoration)	X	X	X	X	X	X	X
Activity II (protection)	X	X	X	X	X	X	X

PERFORMANCE INDICATOR DOCUMENTATION SHEET

Agency:	Coastal Protection and Restoration Authority
Program:	Implementation
Objective:	Implement ecosystem restoration strategies, projects and activities, which are set forth in the Coastal Protection and Restoration Authority's Comprehensive Master Plan for a Sustainable Coast and the Annual Plan, as approved by the Louisiana Legislature.
Activity:	Ecosystem Restoration
Indicator Name:	Acres Directly Benefited by Projects Being Constructed
Indicator LaPAS Code:	3436
1. **Type and Level**	Outcome – Key
2. **Rationale, Relevance, Reliability:**	CPRA's goal is to build projects, restore, enhance, or create vegetated wetlands and thereby benefit a given acreage for each project. This performance indicator includes data from projects performed by other outside agencies such as the Corps of Engineers.
3. **Use:**	This is an important number as it indicates a measure of progress in addressing coastal wetland loss.
4. **Clarity:**	N/A
5. **Data Source, Collection and Reporting:**	CPRA uses internal databases as well as external databases. The internal data are derived from information provided on the status of projects by the assigned CPRA Project Manager, and federal co-sponsors for federally-funded projects. The external data come from information provided by CPRA staff, federal co-sponsor staff, and others involved in coastal projects. Collection is continuous and reporting is quarterly.

6. **Calculation Methodology:** This Performance Indicator is calculated using a national standard that has been established by a group of federal agencies, members of the scientific community and other professionals who are involved in environmental/biological assessments, as well as end-of-construction as-built surveys.

7. **Scope:** Aggregate.

8. **Caveats:** There is potential for overlap between projects. The amount of acreage that is benefited is a function of the projects that may have been authorized outside of CPRA's control.

9. **Accuracy, Maintenance, Support:** Data are available from a number of internal and external sources. Monthly and Quarterly progress reports are produced and are available for review.

10. **Responsible Person:** Robert Routon, Program Project Management Division Administrator: robert.routon@la.gov; phone (225) 342-7549.

PERFORMANCE INDICATOR DOCUMENTATION SHEET

Agency:	Coastal Protection and Restoration Authority
Program:	Implementation
Objective:	Implement ecosystem restoration strategies, projects and activities, set forth in the Coastal Protection and Restoration Authority's Comprehensive Master Plan for a Sustainable Coast and Annual Plan as approved by the Louisiana Legislature.
Activity:	Ecosystem Restoration
Indicator Name:	Net Land Gained by Projects Being Constructed
Indicator LaPAS Code:	New Indicator
1. **Type and Level**	Outcome – Key
2. **Rationale, Relevance, Reliability:**	CPRA's goal is to build projects, restore, enhance, or create vegetated wetlands, thereby gaining a discrete amount of net land acreage for each project. This performance indicator also includes data from projects performed by other outside agencies such as the Corps of Engineers.
3. **Use:**	This is an important number as it indicates a measure of progress in addressing coastal wetland loss.
4. **Clarity:**	N/A
5. **Data Source, Collection and Reporting:**	CPRA uses internal databases as well as external databases. The internal data are derived from information provided on the status of projects by the assigned CPRA Project Manager, and federal co-sponsors for federally-funded projects. The external data come from information provided by CPRA staff, federal co-sponsor staff, and others involved in coastal projects. Collection is continuous and reporting is quarterly.

6. **Calculation Methodology:** This Performance Indicator is assessed from both industry standard modeling as well as end-of-construction as-built surveys.

7. **Scope:** Aggregate.

8. **Caveats:** None.

9. **Accuracy, Maintenance, Support:** Data are available from a number of internal and external sources. Monthly and Quarterly progress reports are produced and are available for review.

10. **Responsible Person:** Robert Routon, Program Project Management Division Administrator: robert.routon@la.gov; phone (225) 342-7549.

PERFORMANCE INDICATOR DOCUMENTATION SHEET

Agency:	Coastal Protection and Restoration Authority
Program:	Implementation
Objective:	Implement flood protection strategies, projects and activities, set forth in the Coastal Protection and Restoration Authority's Comprehensive Master Plan for a Sustainable Coast and Annual Plan as approved by the Louisiana Legislature.
Indicator Name:	Miles of Levee improved by Projects Being Constructed
Activity:	Flood Protection
Indicator LaPAS Code:	New Indicator
1. **Type and Level:**	Outcome – Key.
2. **Rationale:**	Implementing projects to reduce economic losses from storm-related flooding is a critical part of CPRA's mission.
3. **Use:**	This indicator is important as a measure of progress in providing coastal flood protection.
4. **Clarity:**	N/A
5. **Data Source, Collection, and Reporting:**	CPRA uses internal databases as well as external databases. The internal data are derived from information provided on the status of projects by the assigned CPRA Project Manager, and federal co-sponsors for federally-funded projects. The external data come from information provided by CPRA staff, federal co-sponsors staff, and others involved in coastal projects. Collection is continuous and reporting is quarterly.

6.	**Calculation Methodology:**	CPRA projects the miles of levee scheduled to be elevated at the beginning of the fiscal year. The actual miles of levee elevated are reported quarterly.
7.	**Scope:**	Aggregate
8.	**Caveats:**	None
9.	**Accuracy, Maintenance, Support:**	Data are available from a number of internal and external sources. Monthly and Quarterly progress reports are produced and area available for review.
10.	**Responsible Person:**	Robert Routon, Program Project Management Division Administrator: robert.routon@la.gov; phone (225) 342-7549.

PERFORMANCE INDICATOR DOCUMENTATION SHEET

Agency:	Coastal Protection and Restoration Authority
Program:	Implementation
Objective:	Implement flood protection strategies, projects and activities, set forth in the Coastal Protection and Restoration Authority's Comprehensive Master Plan for a Sustainable Coast and Annual Plan as approved by the Louisiana Legislature.
Indicator Name:	Damage Reduction measured as Expected Annual Damages (EAD) by Projects Being Constructed
Activity:	Flood Protection
Indicator LaPAS Code:	New Indicator
1. **Type and Level:**	Outcome – Key.
2. **Rationale:**	Implementing projects to reduce economic losses from storm-related flooding is a critical part of CPRA's mission.
3. **Use:**	This indicator is important as a measure of progress in providing coastal flood protection.
4. **Clarity:**	N/A
5. **Data Source, Collection, and Reporting:**	CPRA uses internal databases as well as external databases. The internal data are derived from both Master Plan modeling as well as information provided on the status of projects by the assigned CPRA Project Manager and federal co-sponsors for federally-funded projects. The external data come from information provided by CPRA staff, federal co-sponsors staff, and others involved in coastal projects. Collection is continuous and reporting is quarterly.

6.	**Calculation Methodology:**	CPRA projects the Damage Reduction measured as Expected Annual Damages (EAD) by Projects in Construction at the beginning of the fiscal year. The cumulative damage reduction resulting from projects being constructed is reported quarterly.
7.	**Scope:**	Aggregate
8.	**Caveats:**	None
9.	**Accuracy, Maintenance, Support:**	Data are available from a number of internal and external sources. Monthly and Quarterly progress reports are produced and area available for review.
10.	**Responsible Person:**	Robert Routon, Program Project Management Division Administrator: robert.routon@la.gov; phone (225) 342-7549.

COASTAL PROTECTION AND RESTORATION AUTHORITY

SUPPORTING DOCUMENTATION

Statutory Authority

Act 8 of the 1st Extraordinary Session of 2005 – established the Coastal Protection and Restoration Authority (CPRA).

Act 545 of the 2008 Regular Session – provided for the integration of the coastal restoration activities within the Department of Natural Resources and the flood protection activities within the Department of Transportation and Development.

Act 523 of the 2009 Regular Session – created the Office of Coastal Protection and Restoration within the Executive Department as the implementation arm of the CPRA.

Act 604 of the 2012 Regular Session – formally changed the agency's name from Office of Coastal Protection and Restoration to Coastal Protection and Restoration Authority, and distinguished it from the Coastal Protection and Restoration Authority Board.

Stakeholders

Governor
Legislature
Citizens
Industry
Local Governments
Non-Governmental Organizations
Environmental Community
Recreational Users
Employees of CPRA

Potential External Factors

State and/or Federal legislation/policies
Hurricanes/Storms/Natural Disasters
Funding

Principal clients and users of each program and the specific service or benefit derived by such persons

CPRA will work to establish a safe and sustainable coast that will protect our communities, the nation's critical energy infrastructure, and our bountiful natural resources for generations to come.

Duplication of Effort

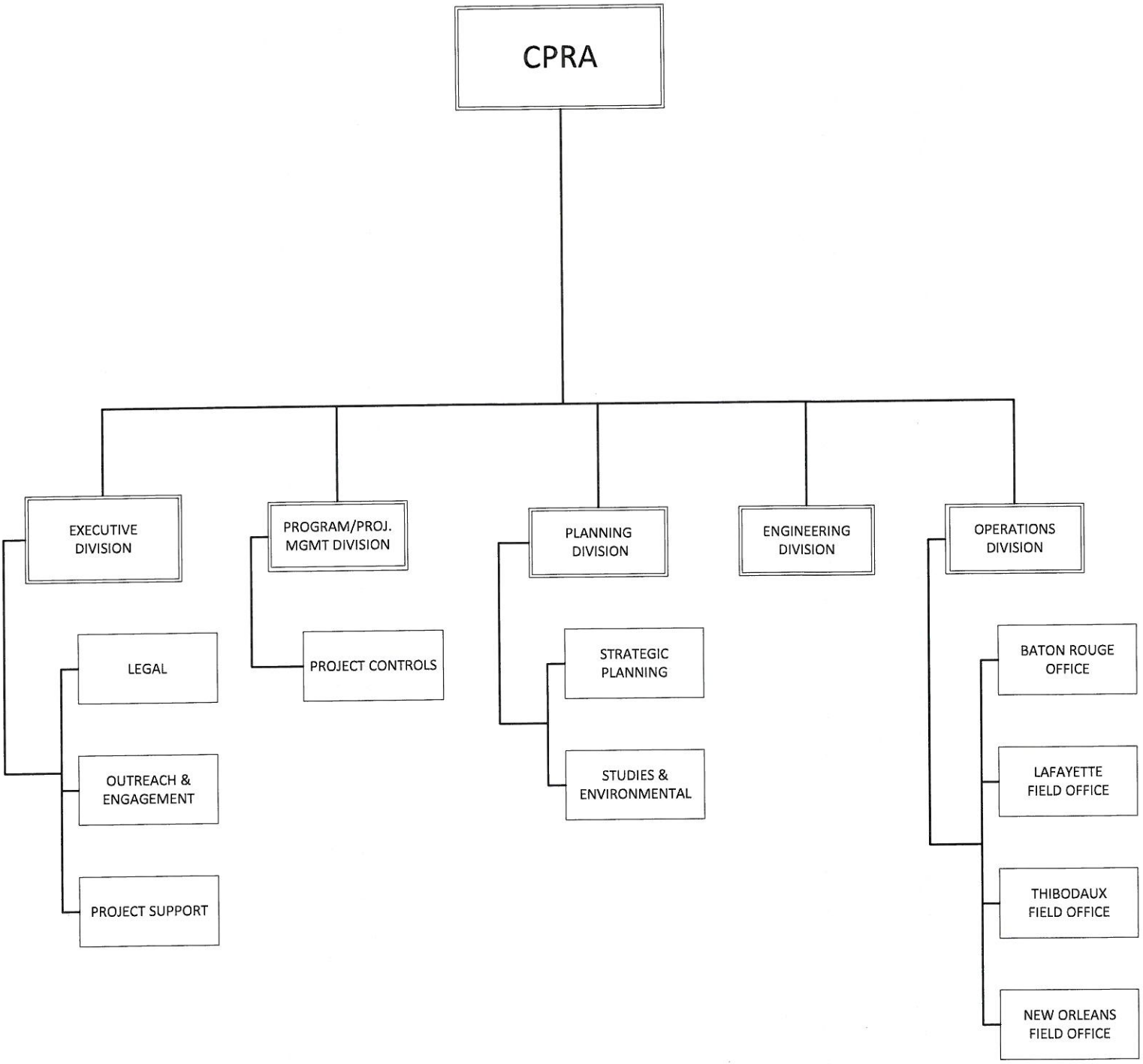
With one program, Implementation, there is no duplication of effort.

Description of how the strategic planning process was implemented

CPRA is required by statute to produce a Five Year Master Plan and an Annual Plan which stipulates its strategies and outlines projects to be constructed for achieving coastal restoration and flood protection. The creation of these two documents involves a very lengthy process of incorporating the latest science as well as public input to create plans that are science based and have widespread support. These documents along with meetings and consultation with management were used to formulate the strategic plan.

Human Resource Policies for Women and Families

CPRA has a policy for flex time schedules. Additionally, CPRA provides a private space for nursing mothers.


CPRA
EXECUTIVE DIVISION
LEGAL
OUTREACH & ENGAGEMENT
PROJECT SUPPORT
PROGRAM/PROJ. MGMT DIVISION
PROJECT CONTROLS
PLANNING DIVISION
STRATEGIC PLANNING
STUDIES & ENVIRONMENTAL
ENGINEERING DIVISION
OPERATIONS DIVISION
BATON ROUGE OFFICE
LAFAYETTE FIELD OFFICE
THIBODAUX FIELD OFFICE
NEW ORLEANS FIELD OFFICE