

Lac du Flambeau Band of Lake Superior Chippewa Indians: E' Shikdmaagoswin Nimaamaa Aki: Climate Resilience Planning

Project Manager: Patricia Moran

Department of Energy
Office of Indian Energy 2017
Conference
November 17, 2017



GLISA

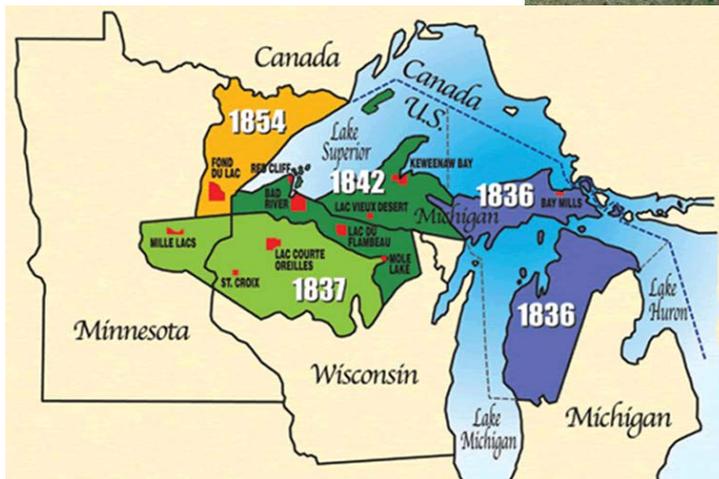
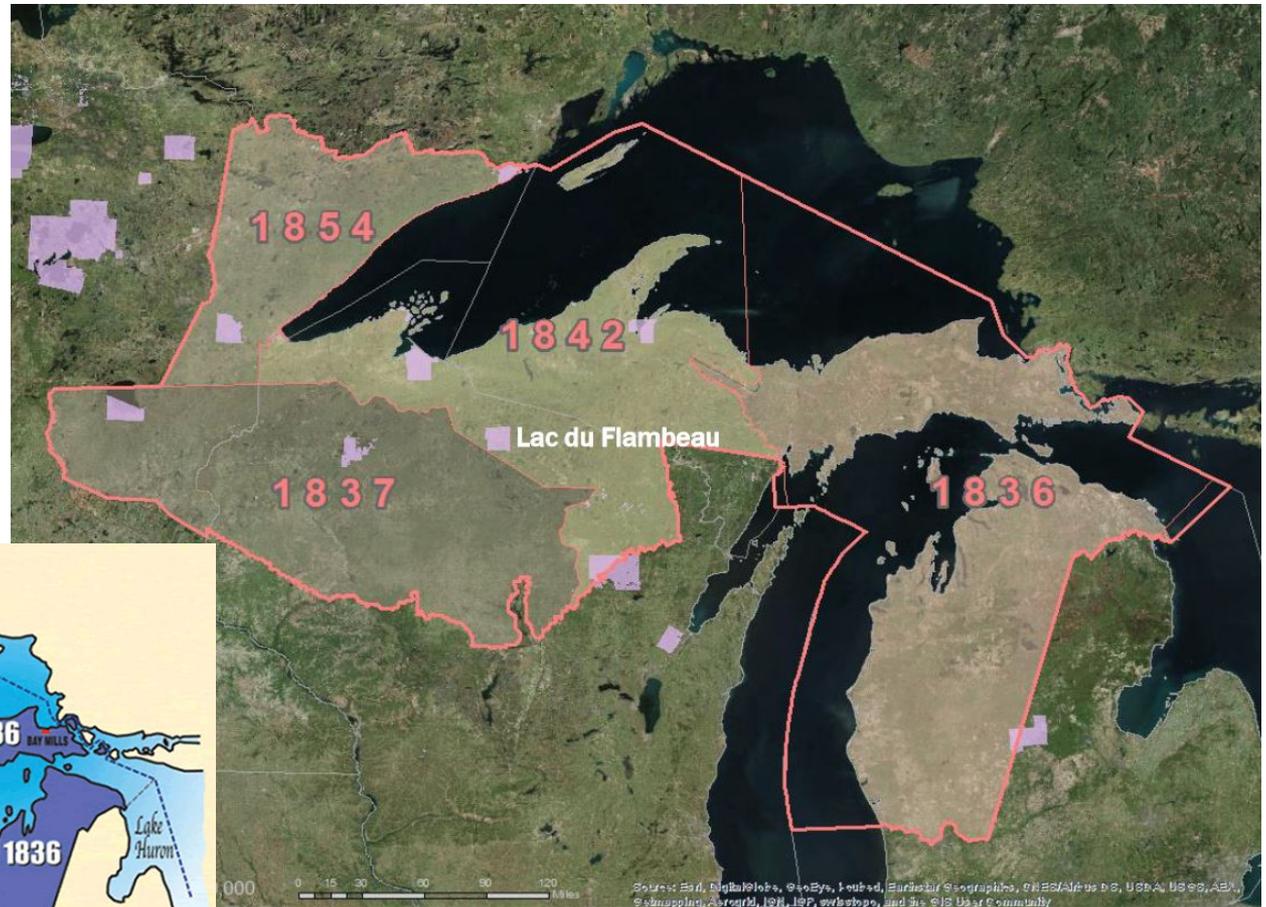


I.C.L.E.I.
Local
Governments
for Sustainability

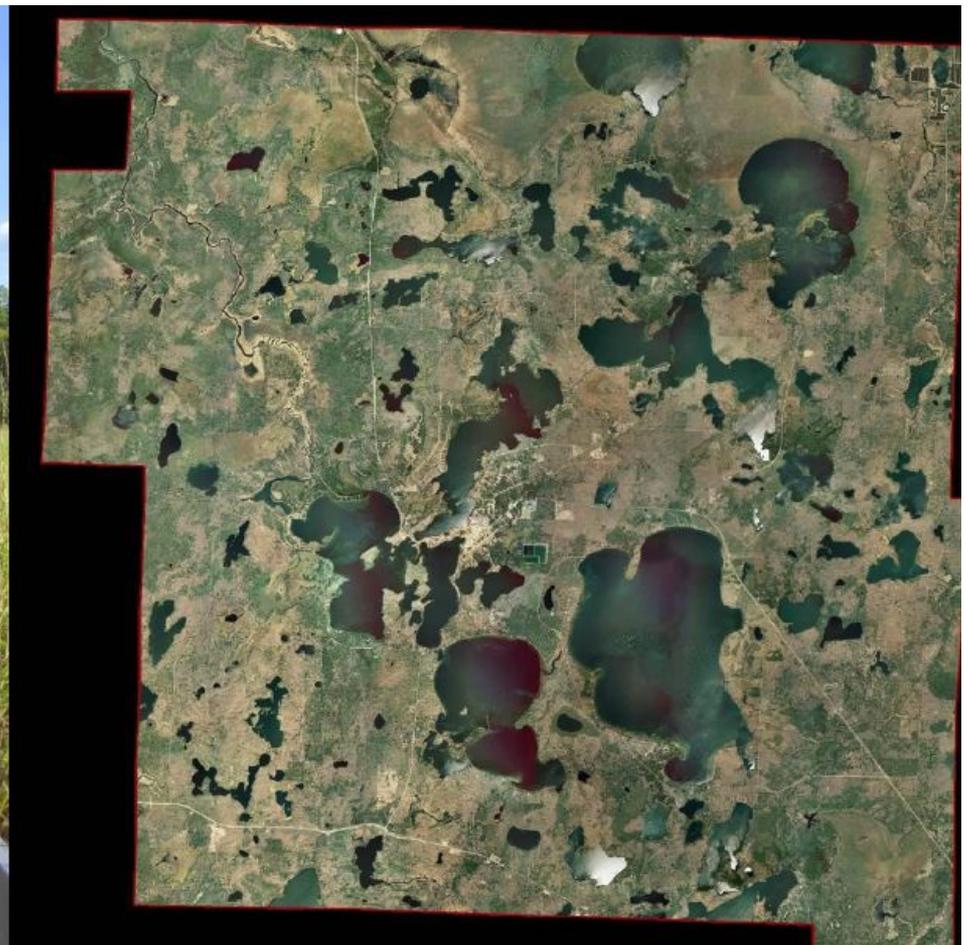


LAC DU FLAMBEAU TRIBE, WAASWAGONING, AND RESERVATION BACKGROUND

Lac du Flambeau Band of Lake Superior Chippewa Indians: Ceded Territories



Lac du Flambeau Band of Lake Superior Chippewa Indians: Land



Lac du Flambeau Band of Lake Superior Chippewa Indians: Land



Lac du Flambeau Band of Lake Superior Chippewa Indians: Land

71 MILES OF STREAMS, CREEKS AND RIVERS



Lac du Flambeau Band of Lake Superior Chippewa Indians: Land



Lac du Flambeau Band of Lake Superior Chippewa Indians: Land



~42,000 acres of forest



Lac du Flambeau Band of Lake Superior Chippewa Indians: People

- Walleye



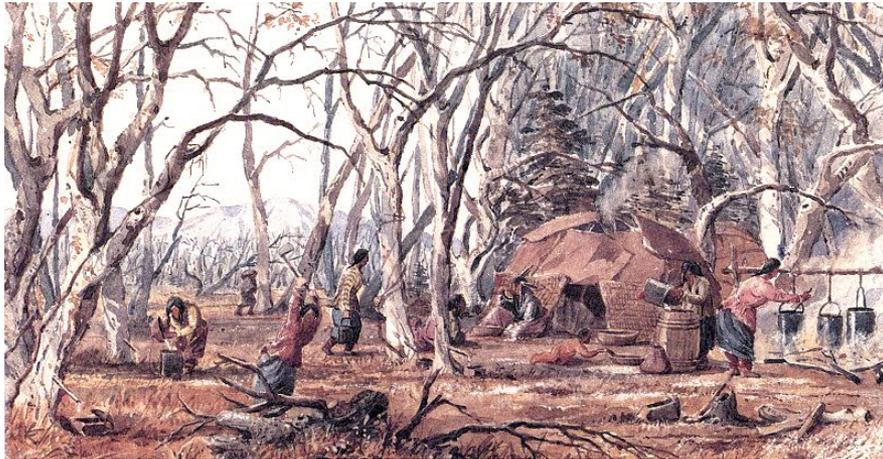
Lac du Flambeau Band of Lake Superior Chippewa Indians: People

- Wild Rice



Lac du Flambeau Band of Lake Superior Chippewa Indians: People

- Sugarbush (Maple Stands)

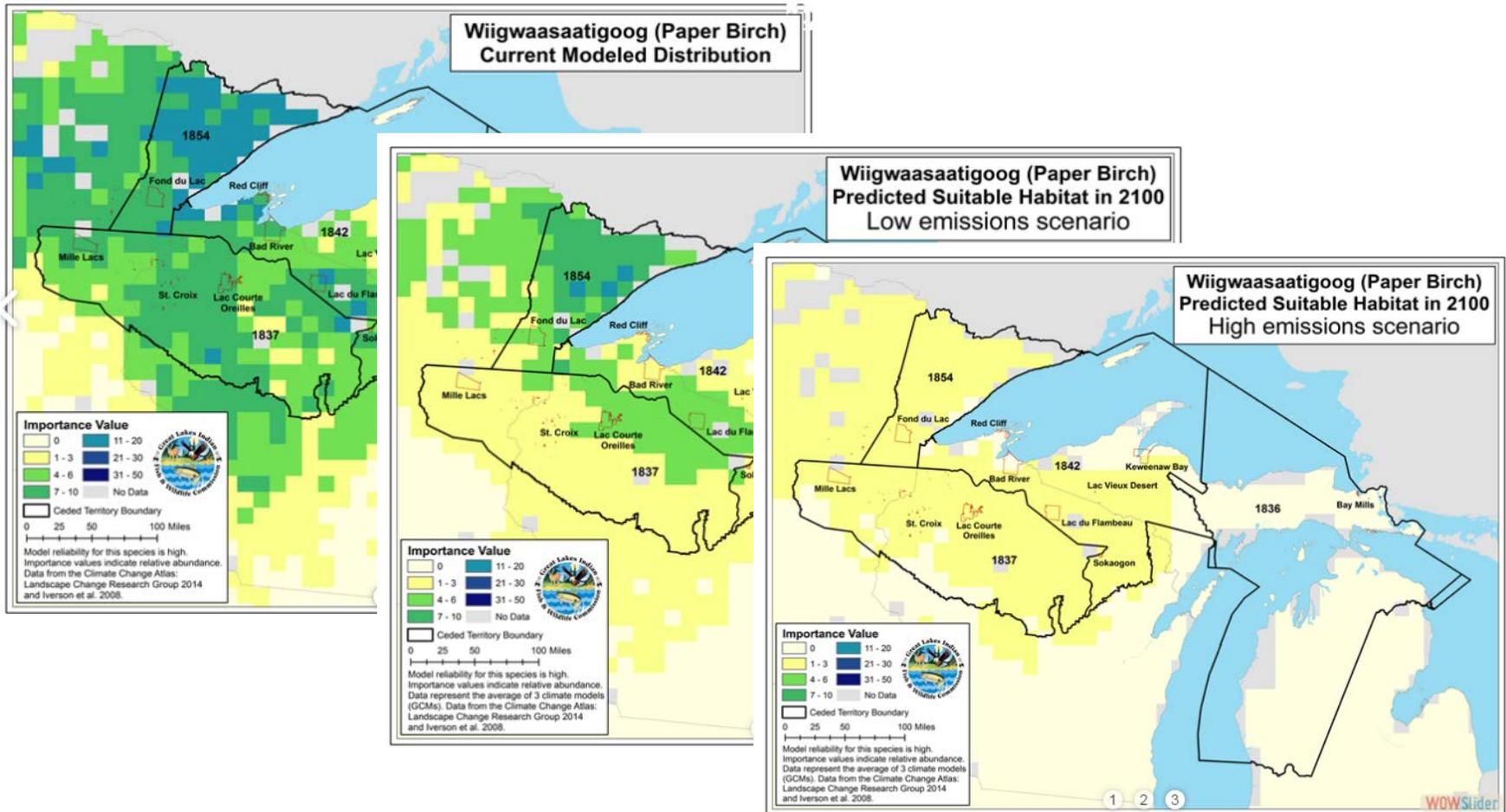


Lac du Flambeau Band of Lake Superior Chippewa Indians: People

- Birch



CC in the Midwest and in LDF: How does it Impact LdF Tribe's way of life?



Directive from LDF Tribal Council

RESOLUTION NO. 322(16)

- WHEREAS,** the Lac du Flambeau Band of Lake Superior Chippewa Indians ("Tribe"), is a recognized Indian Tribe organized pursuant to Section 16 of the Indian Reorganized Act of June 18, 1934, 24 U.S.C. 461 et Seq.; and
- WHEREAS,** pursuant to Article III, Section 1 of the Lac du Flambeau Constitution and Bylaws ("Constitution and Bylaws"), the governing body of the Tribe is the Tribal Council; and
- WHEREAS,** the Constitution at Article VI, Section 1(a) vest the Tribal Council with the power and duty "to protect the health, security, and general welfare of the Tribe"; and
- WHEREAS,** the Lac du Flambeau Band of Lake Superior Chippewa Indians is a federally recognized Indian Tribe and it's community is a sovereign Indian nation possessing the authority to govern itself and all activities within its jurisdiction; and
- WHEREAS,** the US Department of Energy provides through their Office of Indian Energy Policy and Programs, financial assistance to eligible Indian Tribes for use in conducting climate change preparedness and resiliency planning for improving the quality of life on reservations; and
- WHEREAS,** the Tribe has a need for Climate Change Resiliency Planning, and has decided to develop and submit applications to the US Department of Energy; and
- WHEREAS,** the Tribe has formally identified Climate Change planning, to include updating the Integrated Resources Management Plan (IRMP), creating a Climate Change workgroup, and creating the Lac du Flambeau Climate Change Resilience Plan, and any Tribal Code changes (September 20th, 2016 Program Manager's Meeting minutes), and to develop and submit applications to the US Department of Energy; now, therefore be it
- RESOLVED,** by this Council, in a Special Session assembled, hereby authorizes a grant application to the DOE, for an amount no less than \$50,000, and no more than \$250,000, with a 10 percent In-kind only match, for a project period of up to three years; be it further
- RESOLVED,** the Tribal Council hereby recognizes the In-kind service contributions by all tribal and non-tribal entities serving as a member of the Climate Change workgroup, to meet the total project cost; be it further
- RESOLVED,** the Tribal Council authorized filing of applications including all understandings and assurances continued in the application; the Tribal President as official representative of the application is authorized to execute the contract/grant document, and any budget modifications, and submission of final documents, thereafter, and provide such additional information as may be required; be it further
- RESOLVED,** in the absence of the President, the Vice-President is authorized to sign, in the absence of the President and Vice-President, the Secretary or Treasurer is authorized to sign on behalf of the Tribe; the Grant Accountants are authorized to sign all financial reports; be it finally
- RESOLVED,** this action shall be contingent upon completion of the yellow sheet process.

CERTIFICATION

I, the undersigned, as Secretary of the Lac du Flambeau Band of Lake Superior Chippewa Indians, a tribal government operating under a Constitution adopted pursuant to Section 16 of the Indian Reorganization Act, 25 U.S.C., s. 476, do hereby certify that the Tribal Council of the Band is composed



Tribal Operations/Enrollment

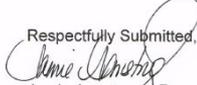
TO WHOM IT MAY CONCERN:

The following is an excerpt taken from the HHS Program Manager's Meeting minutes, held on **September 20th, 2016:**

Addition to Agenda:

1. Motion is made by Dee Allen to support moving ahead with the Climate Change plan; update the IRMP with Natural Resources; create a Climate Change workgroup; create the LDF Climate Change Resilience Plan and any code changes, seconded by Charles Burgess. Motion carries with six in favor, D. Allen, B. Graveen, M. Young, J. Johnson, Sr., C. Burgess, G. Thompson. One abstention, E. Chapman, Sr., None against.

DATED THIS 3rd DAY OF OCTOBER, 2016

Respectfully Submitted,

Jamie Armstrong | Recording Secretary
Lac du Flambeau Band of
Lake Superior Chippewa Indians



LAC DU FLAMBEAU TRIBAL RESILIENCE PLANNING

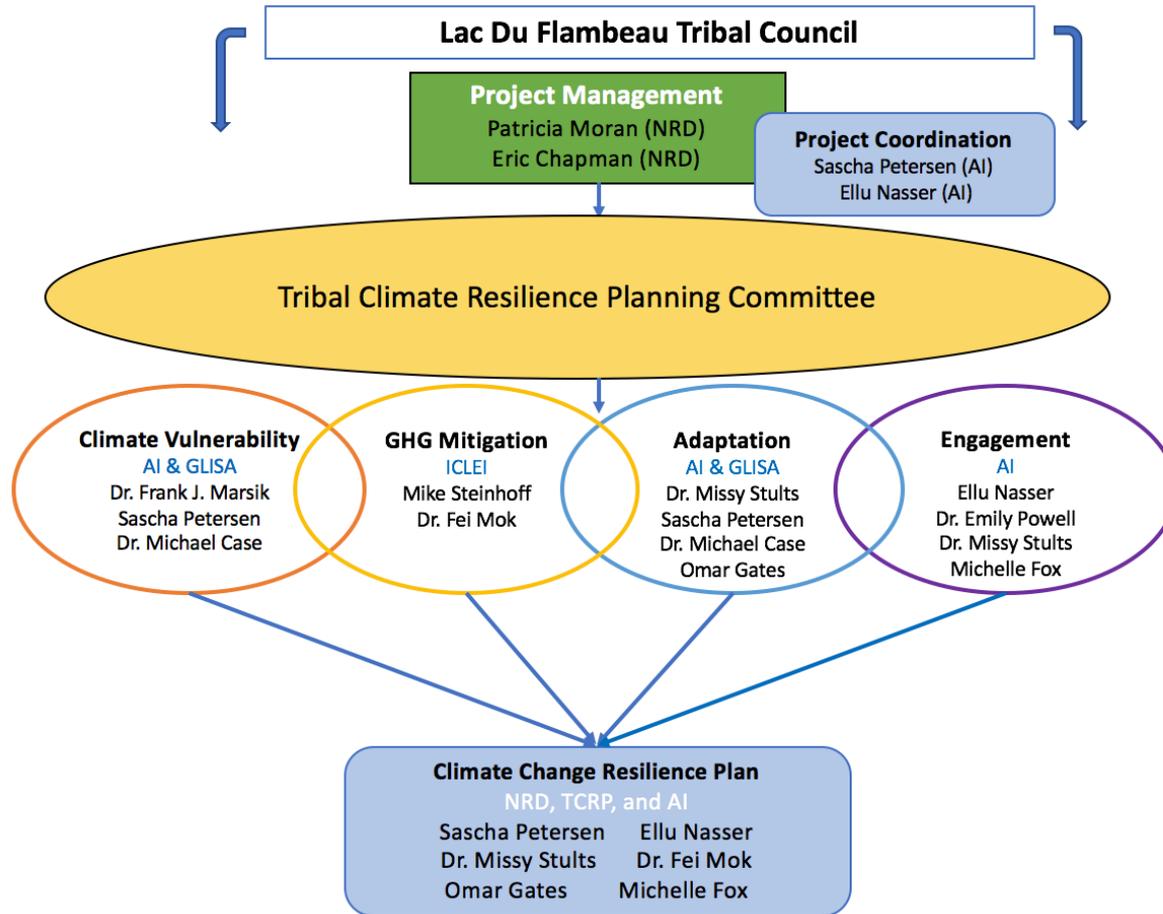
Project Overview

Climate change adaptation actions often fulfill other societal goals, such as sustainable development, disaster risk reduction, or improvements in quality of life, and can therefore be incorporated into existing decision-making processes.

Project Overview

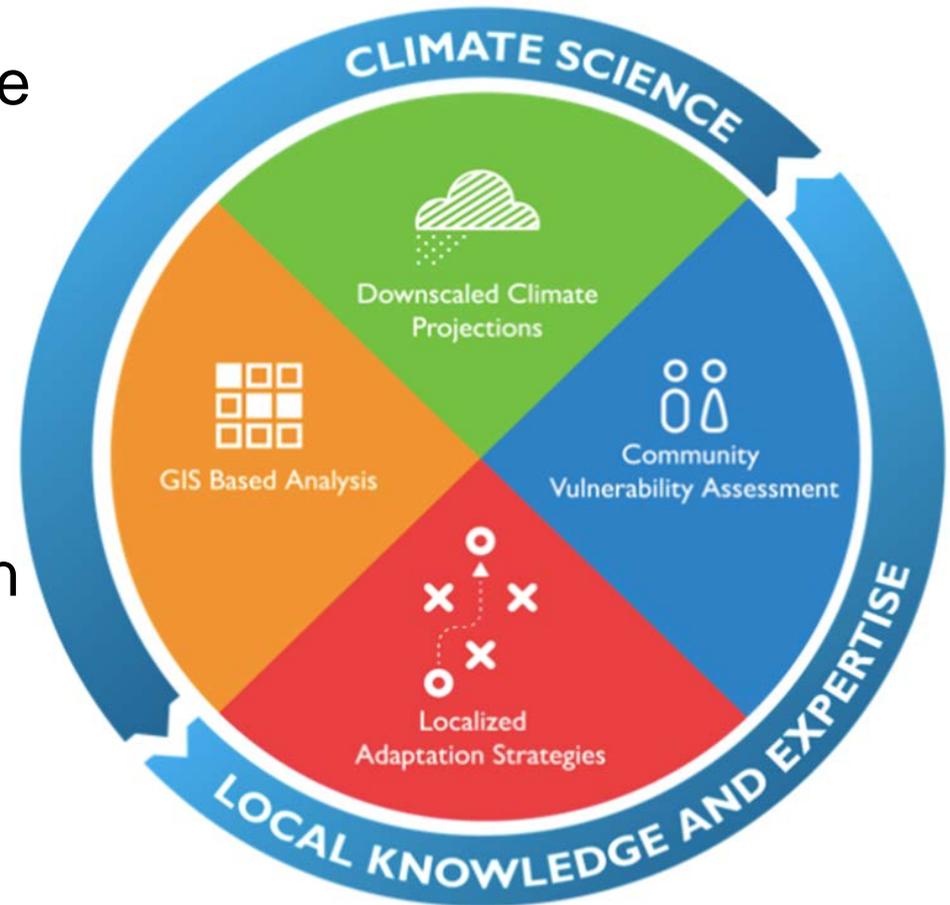
“The primary goals of this project are to create a **comprehensive Climate Resilience Plan** and to increase the capacity of all Lac du Flambeau tribal program managers to incorporate environmental impact thinking into the **everyday management** of their departments.”

Department of Energy Project Partnerships



Project Goals

- Collaborative Climate Change Vulnerability Assessment
 - 10 Natural Resource
 - 5 Health
 - 5 Infrastructure
- GHG Mitigation
 - Energy Reduction Plan
- Collaborative Adaptation Plan
 - IRMP
 - Strategic Energy Plan
 - Emergency Management Plan
- Community Engagement



Project Objectives

- **Phase One: Project Initiation**
 - **Task 1: Project overview and kick-off**
 - **Task 2: Forming Tribal Climate Resilience Planning Committee**
 - **Task 3:** Document review, mainstreaming opportunity analysis, and compilation of local climate information
 - **Task 4:** On-site meeting of contractor, Tribal Climate Resilience Planning Committee and Council
- **Phase Two: Assessments and Analysis**
 - **Task 5:** Desktop analysis on key focus areas and concerns identified in Phase One
 - **Task 6:** Collaborative vulnerability assessment with Tribal Climate Resilience Planning Committee
 - **Task 7:** Draft, review, and finalize climate change vulnerability assessment findings
- **Phase Three: Planning and Outreach**
 - **Task 8:** Identification of potential mitigation and adaptation strategies
 - **Task 9:** Organize and host a collaborative adaptation planning workshop with the Tribal Climate Resilience Planning Committee
 - **Task 10:** Prioritization of proposed adaptation and mitigation strategies, analysis of co-benefits, and development of an implementation plan
 - **Task 11:** Complete Draft of the Climate Change Resilience Plan
 - **Task 12:** Review and Update the Climate Change Resilience Plan
- **Phase Four: Implementation Support**
 - **Task 13:** Continuation of TCRP to incorporate resiliency strategies into management frameworks (limited continuing support and technical guidance from contractor)

Project Timeline

Lac du Flambeau Tribe Climate Change Resilience Plan Project Timeline	2017				2018								2019								2020									
	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
Project Set-up.																														
Community Engagement																														
Climate Vulnerability Assessment																														
GHG Mitigation - (Energy Reduction Plan Development - GHG Emissions Reduction Plan)																														
Adaptation (Environmental Adaptation Plan)																														
Climate Change Resilience Plan																														
Integration into IRMP, EM, and other plans																														

Lac du Flambeau Tribe Climate Change Resilience Plan Project Timeline	2017				2018								2019								2020								
	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	
Phase One: Project Initiation																													
Task 1: Project overview and kick off																													
Task 2: Assist in forming Tribal Climate Resilience Planning Committee (TCRP)																													
Task 3: Document review, mainstreaming opportunity analysis, and compilation of local climate information																													
Task 4: On-site meeting of Tribal Climate Resilience Planning Committee and Council																													
Phase Two: Assessments and Analysis																													
Task 5: Desktop analysis on key focus areas and concerns identified in Phase One																													
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Task 10: Prioritization of proposal adaptation and mitigation strategies, analysis of co-benefits, and development of an implementation plan																													
Task 11: Complete Draft of the Climate Change Resilience Plan																													
Task 12: Review Climate Change Resilience Plan in a Series of Meetings with Key Stakeholders																													
Phase Four: Implementation Support																													
Task 13: Continuing Committee support and on demand technical guidance																													

 In-person meeting

 Web-based meeting

Progress

- RFP: July 2017
- Hiring Contractor: September 2017:
Adaptation International
- Management team kick off meeting:
September 2017
- TCRP/Contractor Kick off meeting: October
2017

Next Steps

- Site visit with Adaptation International
- Council Meeting—Updates
- Vulnerability Assessment Workshop
- New FEMA grant— understanding areas for cooperation
- Give LDF's plan of 25% renewable by 2025 new “energy”

**2010
Wisconsin Energy Independent
Community Partnership**

**25 x 25 Plan for Energy
Independence**

Report completed by:

**Lac du Flambeau Band of Lake
Superior Chippewa Indians**



Lac du Flambeau Band of Lake Superior Chippewa Indians

Strategic Energy Plan

November 16th, 2009



Miigwech! Questions?

- **Patricia Moran:** Lac du Flambeau Conservation Coordinator: 1-715-588-4277, pmoran@ldftribe.com
- **Eric Chapman:** Lac du Flambeau Emergency Management Coordinator: 1-715-588-4175, echapman@ldftribe.com
- **Larry Wawronowicz:** Lac du Flambeau Natural Resource Director: 1-715-588-4160, lwawronowicz@ldftribe.com
- **Sascha Petersen:** Adaptation International: 1-512-585-8592, sascha@adaptationinternational.com
- **Ellu Nasser:** Adaptation International: 1-562-506-4982, ellunasser@adaptationinternational.com