Advancing a thriving Calumet region through transformative sustainable development
Collaborative 501(c)(3) nonprofit using sustainable development to transform the region through collective action
Sustainable Development
Convene Workgroups
Capacity Building
Project Management
Facilitate
Advocacy
Communicate
Celebrate Success
Brownfield Redevelopment
IIT-ID The Future of Brownfields
Brownfields Mapping Project

ABOUT THE PROJECT

The Calumet Collaborative is joining forces with Illinois and Indiana organizations to create a GIS (Geographic Information Systems) map of Brownfields and underutilized land in the Calumet region and their environmental condition. This inventory will help organizations align on bi-state strategies and projects to advance sustainable Brownfield redevelopment in the Calumet. Community needs will also be incorporated into strategies by incorporating a community engagement advisory panel.
Robbins Capacity & Resilience
Calumet Heritage Identity & Branding

Mood Board 1: VINTAGE INDUSTRIAL

The Calumet has an undeniable character. The visual aesthetics of Industrial era design often evoke a sense of nostalgia and a connection to the past. The use of vintage typography and imagery can help evoke a sense of history and tradition.

Keywords:
- Historic
- Authentic
- Nostalgic

Mood Board 2: EXPLORATION & ADVENTURE

The Calumet is a place to explore. The journey will take you on an adventure, capturing the world-class landscape. This mood board explores themes of exploration and discovery.

Keywords:
- Nature
- Adventure
- Exploration

Mood Board 3: BOLD CONTRAST

The Calumet is a place of bold contrast. This mood board explores the tension between natural and man-made elements. It highlights the beauty of the environment while also showcasing the human interventions.

Keywords:
- Bold
- Contrast
- Natural

Graphic Elements:
- Badges
- Manipulated photographs
- Hand-drawn type
- Restlessness

Color Palette:
- Warm tones
- Nautical colors
- Bold typography

Overall, the Calumet Heritage Identity & Branding project aims to capture the essence of the Calumet region, its history, and its future potential, while also reflecting the balance between natural and human elements.
Burnham Multimodal Connector (BMC) Bridge

Opportunity
A Memorandum of Understanding (MOU) has brought together various partners to collaborate on the planning and implementation of the Burnham Multimodal Connector (BMC), a flyover bridge of numerous rail tracks that will provide safe passage from the Village of Burnham to Hegewisch Metra Station and many various trail systems in Illinois and Indiana.

A New Path Forward
For years a solution has been needed to enhance the safety for crossing a series of railroad tracks in the Village of Burnham. New segments to the Burnham Greenway Trail have been planned to the south (Village of Burnham’s Burnham Greenway Project) and north (IDNR Trail Segment) of the proposed BMC project. The BMC MOU presents a meaningful solution and demonstrates how the various Partners involved are working together to plan, build, and advocate for the BMC. Partners include, but are not limited to: Cook County Department of Transportation and Highways serving as project lead, Calumet Collaborative serving as the primary facilitator in outreach and communication, Village of Burnham applying for funding, and NICTD representing the railroad agencies involved. With the help of these Partners and many others, the momentum and framework is in place to bring this project to fruition.

Partners
- Active Transportation Alliance
- Calumet Collaborative
- Chicago South Bend and South Shore Railroad
- City of Chicago Department of Transportation
- Cook County Department of Transportation and Highways
- Metra
- National Park Service
- Northern Indiana Commuter Transportation District (NICTD)
- Openlands
- South Suburban Mayors and Managers Association
- Village of Burnham

Map Legend
- Burnham Multimodal Connector
- Village of Burnham
- Burnham Greenway Project
- IDNR Burnham Greenway Trail
- Existing Burnham Greenway

- 3 Municipalities
- 6 Railroads
- 3 Regional Planning Agencies
- 3 Trail Advocacy Organizations
- 1 Utility Company
- State & Federal Agencies
Calumet National Heritage Area
The Calumet Heritage Area is a place of nationally significant natural, industrial, labor, and cultural heritage assets, that are preserved and interpreted to advance economic opportunity, and enrich the lives of its residents and visitors from across the nation.
**CNHA Coordinating Committee - Calendar**

**Events from May 1st**

**Mon 6th May**
**Underbelly Festival**
Underbelly fans! It’s our 11th year on the South Bank and it’s going to be our BIGGEST YET!

**Sat 11th May - Sun 12th**
**Barnes Children’s Literary Festival**
We at BCLF want to get children excited about literature, literacy and creativity whilst giving them the tools

**Tue 21st May 2:00pm**
**MY GREAT ORCHESTRAL ADVENTURE**
Oh no, the conductor of the orchestra is stuck in the future! We need to try and bring him back to the present day!

**Sat 1st Jun 11:00am - 4:00pm**
**Family Fun Day: all about elements**
Get hands-on with science at this season’s Family Fun Day! In partnership with the Royal Society of Chemistry we

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**Calumet Heritage Area**

**Calumet Voices, National Stories Exhibit (Reception)**

**Thu Jun 27th 5:30pm - 7:30pm**
Calumet-Heritage ● Calumet-Voices Exhibit-Event/Program ● Class/Learning/Speaker ● Environmental/Nature ● Family-&-Community ● Food-&-Drinks ● Free-Event/Program ● Indoors-Event/Program ● Lake-Michigan/Waterways ● Museum/Exhibition ● Music/Concert ● Southeast-Chicago
11141 S Cottage Grove Ave, Chicago, IL 60628 · map

The Calumet Heritage Partnership and Field Museum is proud to present the opening of the first "Calumet Voices, National Stories" traveling museum exhibit. Come learn about and experience the cultural and environmental heritage of the Calumet Region during this exhibits opening night. Guest lecturer, Mark Bowman, of the Field Museum, will give a presentation on the industrial and environmental heritage and memories encapsulated in this region, as well as the development of the Calumet National Heritage Area. An acoustic band will be playing Jazz, Rock and Roll, and Rhythm and Blues. Hors d’oeuvres and drinks will be provided by the Pullman Café.
Bi-State Conservation Strategies
Conservation Action Planning (CAP) Process

March
- 3 months
- 3 geographies
- 9, 2-hour meetings
- 27 people
- 16 organizations

May
- Final strategic plan covering 5 years

June
- 2 months

July
Final report on calumetcollaborative.org
Conservation Survey

Not enough staff/capacity was ranked #1 challenge for conservation work.

69% identified more funding would help overcome conservation challenges.

45% want a stronger network of partners that can help identify resources, and lend support and guidance.

Calumet Collaborative Role:
- Connect partners: 66.67%
- Provide grant application writing capacity: 52.78%
- Connect existing projects: 52.78%
- Raise awareness of conservation work: 52.78%
- Develop toolboxes or other educational resources for conservation: 41.67%
- Convene meetings: 27.78%
- Organize trainings for project management: 27.78%
- Help manage projects: 25.00%
- Other (please specify): 19.44%
The Illinois International Port District's First State of the Port Address

8/29/2018

On August 23rd, Clayton K. Harris III, Director of the Illinois International Port District, presented the first State of the Port address. The Illinois International Port District hosted this meeting as part of an effort to engage the public with what's currently going on at the Port, and visions for the future.

After all, there is a “difference between being IN the community and being PART of the community”, a sentiment driven home by Mr. Harris, and this public meeting was just one example of how the Port District supports the community and will continue to do so moving forward.
Metrics - How Do We Measure & Report
# Metrics - Alignment

## Economic Opportunity & Brownfield Redevelopment

<table>
<thead>
<tr>
<th>Related SDGs</th>
<th>Related SDG Target</th>
<th>SDG Indicators / Possible Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</td>
<td>By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value</td>
<td>Unemployment and Average hourly earnings of female and male employees, by occupation, age and persons with disabilities</td>
</tr>
<tr>
<td><strong>Related STAR Communities Actions</strong></td>
<td>Engage in regional coordination with other governmental, public, private, and non-governmental entities to attract and retain businesses in the region</td>
<td><strong>Related STAR Communities Measures</strong></td>
</tr>
</tbody>
</table>
|                                                                              | Participate in and promote project labor agreements, community benefit agreements and local hiring agreements | EJ102: Employment: Demonstrate the percentage change between the jurisdiction's employment rate and the national rate is 10% or better  
EJ103: Equitable Employment: Demonstrate the percentages of employed are proportional to the population in the labor force for each racial/ethnic group |
| 9 - Industry, innovation and infrastructure                                   | By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities | COD2 emission per unit of value added                                                               |
| **Related STAR Communities Actions**                                         | Conduct an assessment or inventory of the community's working lands                 | **Related STAR Communities Measures**                                                             |
|                                                                              | Provide support services or programs for future operators and owners of working lands| NS601: Protection (Working Land): Demonstrate an increase in the acreage of working lands in the jurisdiction  
NS602: Production (Working Land) Demonstrate an increase over the past 3 years in the production of goods from local working lands  
NS101: Green Stormwater Infrastructure: Demonstrate that 35% of the jurisdiction's land area has designated green stormwater infrastructure providing bioretention and infiltration services |
|                                                                              | Include evaluation of green infrastructure potential during early site reviews of proposed developments and subdivisions |                                                                                                                                                           |
**Metrics – Alignment**

**ONTO 2050**

- **3 principles**
  - Inclusive Growth
  - Resilience
  - Prioritized Investment

Indicators in 6 categories (82 page guide):
Community, Prosperity, Environment, Governance, Mobility and Inclusive Growth

**NWI 2050 Focus Areas**

- Economy + Place
- Environment
- Mobility
- People & Leaders

**Greenest Region Compact**

Framework’s 10 categories:
- Climate
- Economic Development
- Energy
- Land Use
- Leadership
- Mobility
- Municipal Operations
- Sustainable Communities
- Water
- Waste & Recycling
# Metrics - How Do We Measure & Report

## Project Description
Align on sustainable bi-state redevelopment strategies for Brownfields and underserved lands.

## Project Goals & Objectives
**Funding & Staff**: $25,000 available to $50,000.

**Alignment**: Chicago Community Trust (CCT) 

**Resources**: Sarah Cutler (CCT Allocation)

**Implementation**: Brownfield Project Manager

## Suggested Metrics & Outputs
- Acres in productive or value added use from previous brownfields
- Number of jobs from previous brownfield cleanup that has been put back to productive use
- Reduction in residential blight - decrease in vacancy rate

## Dates Projects Status Progress Status on Projects Next Steps and/or Immediate Needs

**Now - 01/2019**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT Calumet Workshop</td>
<td>On Track</td>
<td>On Track</td>
</tr>
</tbody>
</table>

Convened partners to participate in an ACT Calumet workshop on April 10, which gave feedback on student prototypes - that feedback was incorporated through a workshop during the following week. Final class where all prototypes will be presented is on May 9th.

**Now - 04/2019**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calumet Brownfield Mapping (UIC, NWID, NYRPC, SSSMA, Delta Institute, Cook County)</td>
<td>On Track</td>
<td>On Track</td>
</tr>
</tbody>
</table>

UCF developed a methodology for Brownfield mapping which starts with creating a base map of key assets and brownfields of data and economic information. Contracted a master’s student at UCF to help with the more technical mapping components of this project. Brownfield Work Group met on April 22nd to discuss the exact definition of Brownfields and how underutilized sites will be used.

**Now - 07/2019**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Engagement Strategy for Brownfield Development</td>
<td>On Track</td>
<td>On Track</td>
</tr>
</tbody>
</table>

Signed contract to bring Delta Institute on using $15,500 of the available $30,000 CCF Brownfield funds. Delta will work on building a community engagement model that will incorporate community feedback into Brownfield redevelopment strategies.

**April - June 2019**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brownfield and Opportunity Zone (BOZ) Bootcamp</td>
<td>On Track</td>
<td>On Track</td>
</tr>
</tbody>
</table>

Calumet Collaborative is an organizational partner for Brownfieldings.com BOZ Bootcamp on June 19th, and is specifically coordinating the Site Pitch Competition, where site owners will have the chance to pitch sites in an opportunity zone to judges and win a prize and potential connections for future development.

**Not Started (still on radar - 2019)**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
<th>Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create educational resources (toolkit) for municipalities, professionals, developers, and others working with economic development in Brownfields</td>
<td>On Track</td>
<td>On Track</td>
</tr>
</tbody>
</table>

This project will start after the Brownfield map has been created and the community engagement project is complete, as they will both be key resources in creating educational resources or toolkits.

## Brownfield Work Group

<table>
<thead>
<tr>
<th>Lead Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Chicago Community Trust</td>
</tr>
<tr>
<td>Brownfieldings.com</td>
</tr>
<tr>
<td>Cook County Department of Sustainability</td>
</tr>
<tr>
<td>Delta Institute</td>
</tr>
<tr>
<td>Illinois Institute of Technology (IT) Institute of Design (ID)</td>
</tr>
<tr>
<td>Metropolitan Water Reclamation District (MWRD)</td>
</tr>
<tr>
<td>Northwest Indiana Regional Planning Commission (NIRPC)</td>
</tr>
<tr>
<td>South Suburban Mayors and Managers Association (SSMMA)</td>
</tr>
<tr>
<td>University of Illinois Chicago (UIC)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Supporting Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illinois Regional Development Authority</td>
</tr>
<tr>
<td>Metropolitan Planning Council</td>
</tr>
<tr>
<td>Neighborhood Housing Services</td>
</tr>
<tr>
<td>NHL, Inc.</td>
</tr>
<tr>
<td>OAL, Inc.</td>
</tr>
<tr>
<td>US Forest Service</td>
</tr>
</tbody>
</table>
### Project Mission, Output & Methodology

<table>
<thead>
<tr>
<th>Mission</th>
<th>Put underutilized sites back into productive reuse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>Map of underutilized sites in the Calumet region with additional layers of assets, opportunities, and barriers that inform decision making for putting sites back into productive reuse</td>
</tr>
<tr>
<td>How</td>
<td>The Calumet Collaborative Brownfield Working Group will determine what information is put on the map and how it is displayed, ensuring the map resonates with various audiences. Once base information is on the map, the Calumet Collaborative Brownfield Working group will determine what to work on</td>
</tr>
</tbody>
</table>

#### Step 1.
Establish clean base maps that include land use, zoning, transportation, brownfields, and water features

#### Step 2.
Add data that outlines environmental, economic, civic, and social infrastructure

#### Step 3.
Demonstrate social, and environmental relationships that exist at the parcel and regional level

Calumet Collaborative may use to evaluate opportunities and challenges in the Region
# Map Use: How, What, Who

<table>
<thead>
<tr>
<th>How</th>
<th>What</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Long-term land use and planning strategies</td>
<td>• Shows sites that are contaminated or have perceived contamination (Stage 1 Sites)</td>
<td>• Current Audience: Calumet Collaborative Brownfield Working Group &amp; Advisory Council</td>
</tr>
<tr>
<td>• A launch point to determine:</td>
<td>• Base map layers to aid in decision making</td>
<td>• Future Audiences (requires funding):</td>
</tr>
<tr>
<td>• What to work on to put underutilized sites back into productive reuse</td>
<td>• Data dictionary distributed</td>
<td>• Economic Development organizations</td>
</tr>
<tr>
<td>• Best future use of a site</td>
<td></td>
<td>• Community Organizations / Public</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Environmental Organizations / conservation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Developers</td>
</tr>
</tbody>
</table>
Over a Year of Collaborative Work

Brownfield Working Group
Small Group Meetings
One–on–one Calls / Meetings
Trainings & New Software (QGIS)
Data Collection and Analysis

Uniform data between Illinois & Indiana
Brownfield Definition

Stage 1
Map underutilized sites where information is more readily available and easier to manage, and that potentially pose greater health risks to the community

1. US EPA or State Brownfields
2. Closed & Active Landfill, C&D Landfill
3. Abandoned Industrial Sites

Stage 2
In order to map and manage these sites, more research and time is required

4. Unmanaged Natural Areas
5. Vacant or Blighted residential lots
6. Vacant or Blighted commercial lots

Start with the EPA Definition and further define
A brownfield is a property where the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant
Stage 1 Sites

- EPA Brownfields
- State Site Remediation
- LUST
- Closed Landfills
- RCRA Hazardous Waste needing Corrective Action
Economic Development

Tax Increment Financing (TIF)
Social Vulnerability Index above 0.75 (on a scale from 0 to 1)