



Strategic Action on Stormwater

Calumet Stormwater Collaborative + StormStore™

May 29, 2024

*Presentation for “Case Studies on Strategic Community Action,
Public Infrastructure for Effective and Equitable Climate Mitigation and Adaptation: A Workshop”*



The Calumet is a robust region...

Place-based Stormwater Collaboration

The purpose of the CSC is to foster awareness of the many ongoing stormwater management initiatives in the Calumet region, forge a shared understanding of terms, establish common goals and identify opportunities to align existing and future projects toward those goals.



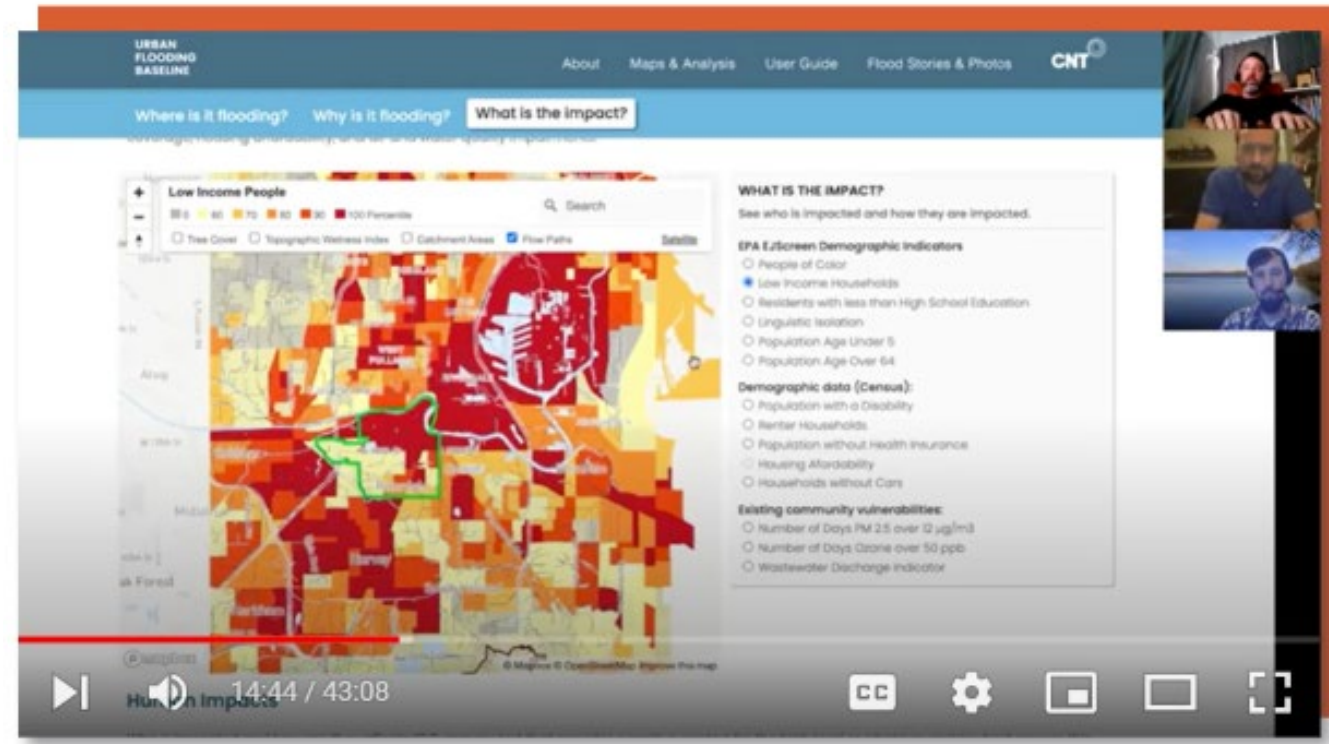
But urban flooding is a systemic risk...

- **Disinvestment + Failing Infrastructure**
- **Fragmented Governance**
- **Uncoordinated Vision**
- **Lack of Data**
- **Cost of Implementation**
- **Trained Workforce**



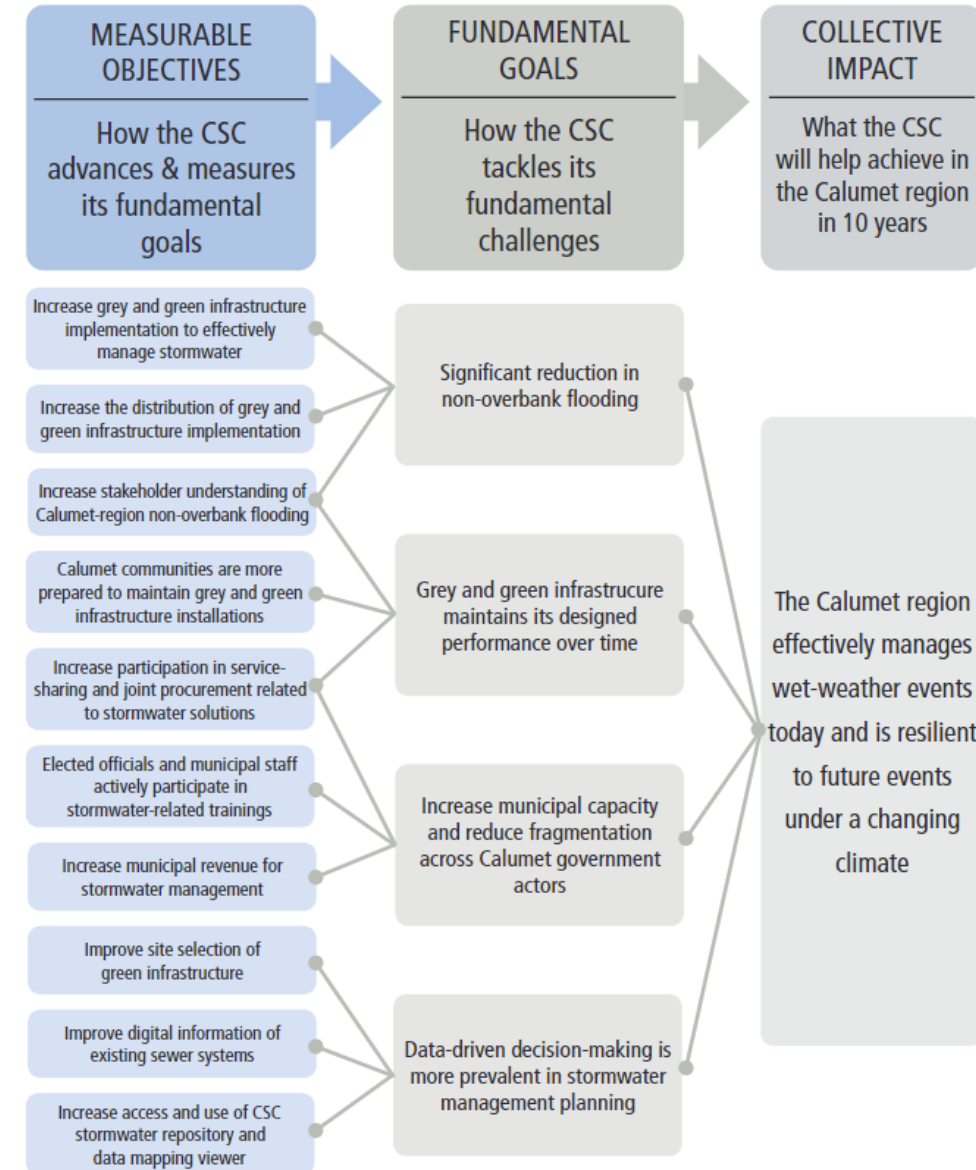
Our community was not prepared to address....

- Address Systemic Risks
- Build a Shared Language
- Go Slow to Go Fast
- Real Appetite for Learning + Sharing
- National Inspiration, Local Action



The Calumet Stormwater Collaborative Solution

- **Collective Impact Model**
- **Regular Meetings**
- **Multi-year Work Planning**
- **Self-Identified Work Groups**
- **Engaged Steering Committee**



Benefits of the Calumet Approach

- **Cross-sector Collaboration**
- **Community-derived Goal Setting**
- **Accelerated Learning + Knowledge-Sharing**
- **Shared Vision + Pathway to Success**



Chicago is positioned to be a climate leader...

Regional Stormwater Credit Trading

The purpose of StormStore is to accelerate the use of nature-based stormwater solutions in Northeastern Illinois. This market-based approach provides a cost-effective and streamlined way for developers, engineers, and public/private landowners to meet stormwater requirements and mitigate flood risks in the community.

 **StormStore™**



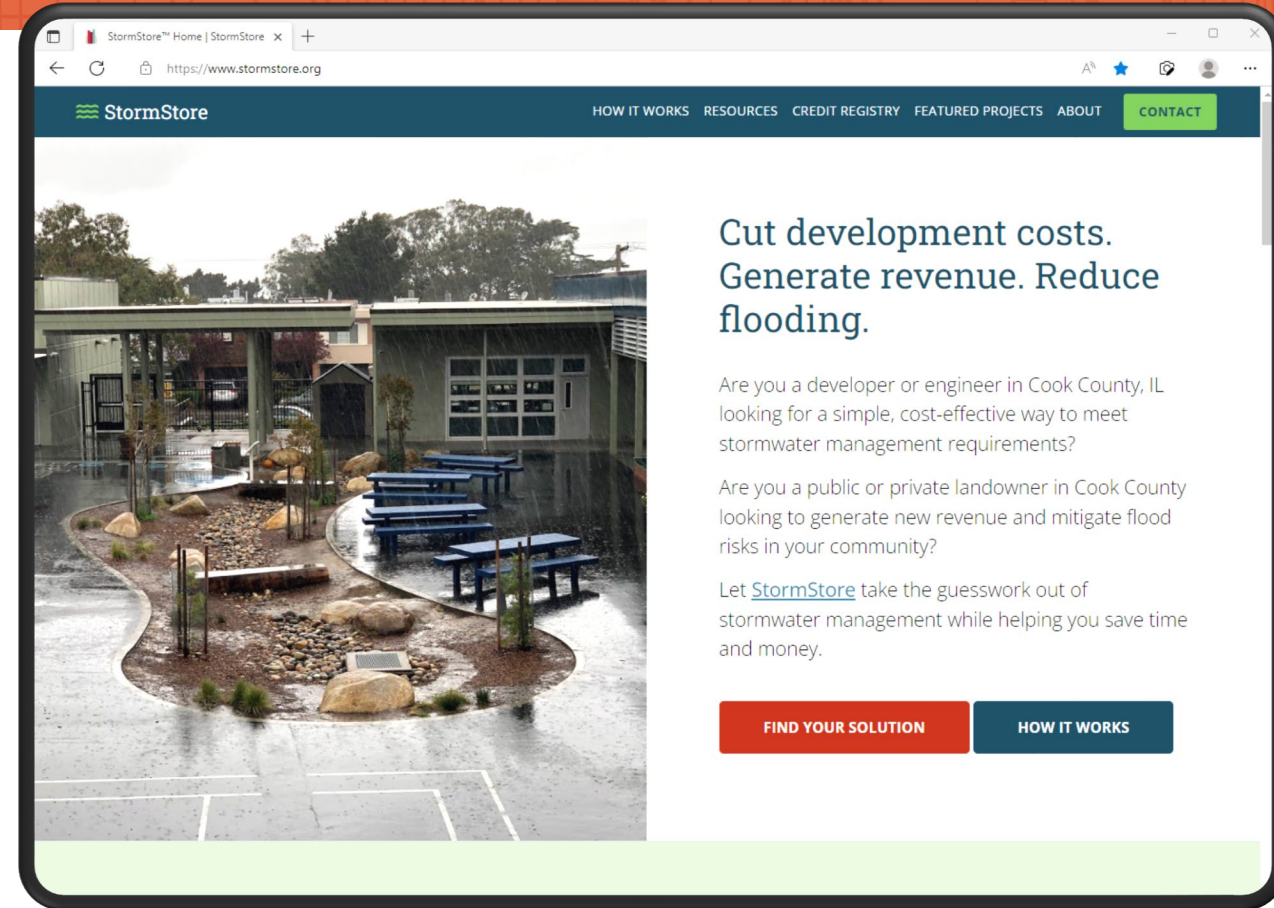
But current development patterns are not helping...

- **Weak Enabling Environment**
- **Risk Aversion**
- **Perception of Costs + Benefits**
- **Lack of Incentives**



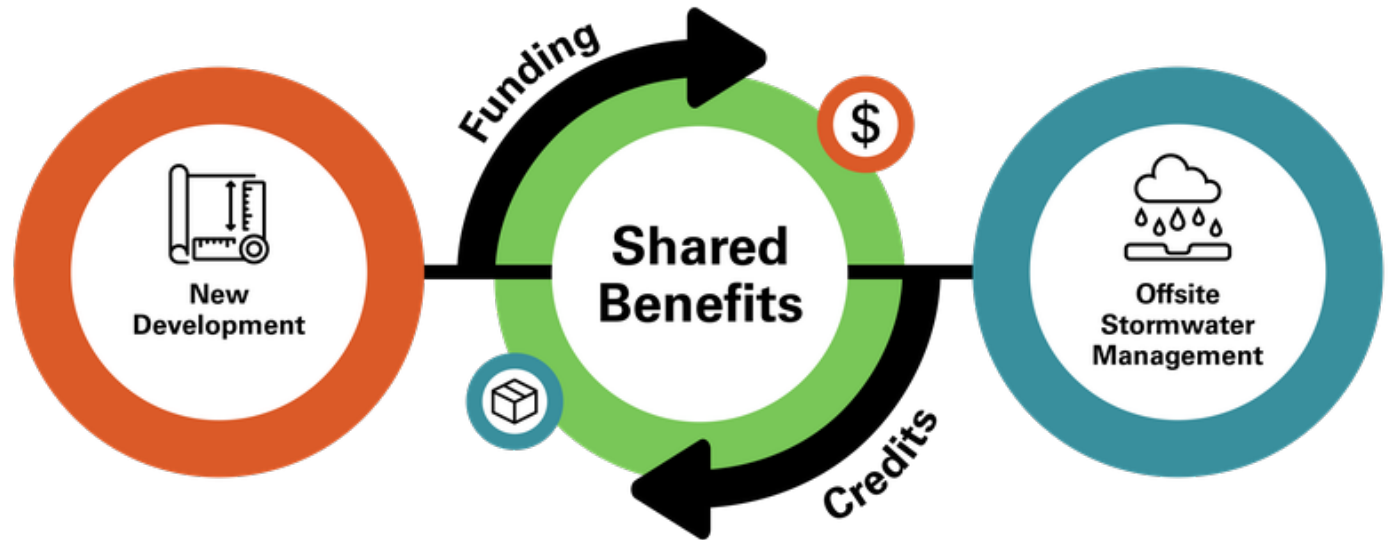
Our research suggested a new model...

- Spatial Mismatch
- Opportunity matched to need
- Incentives Drive Adoption
- Adaptive Program Management



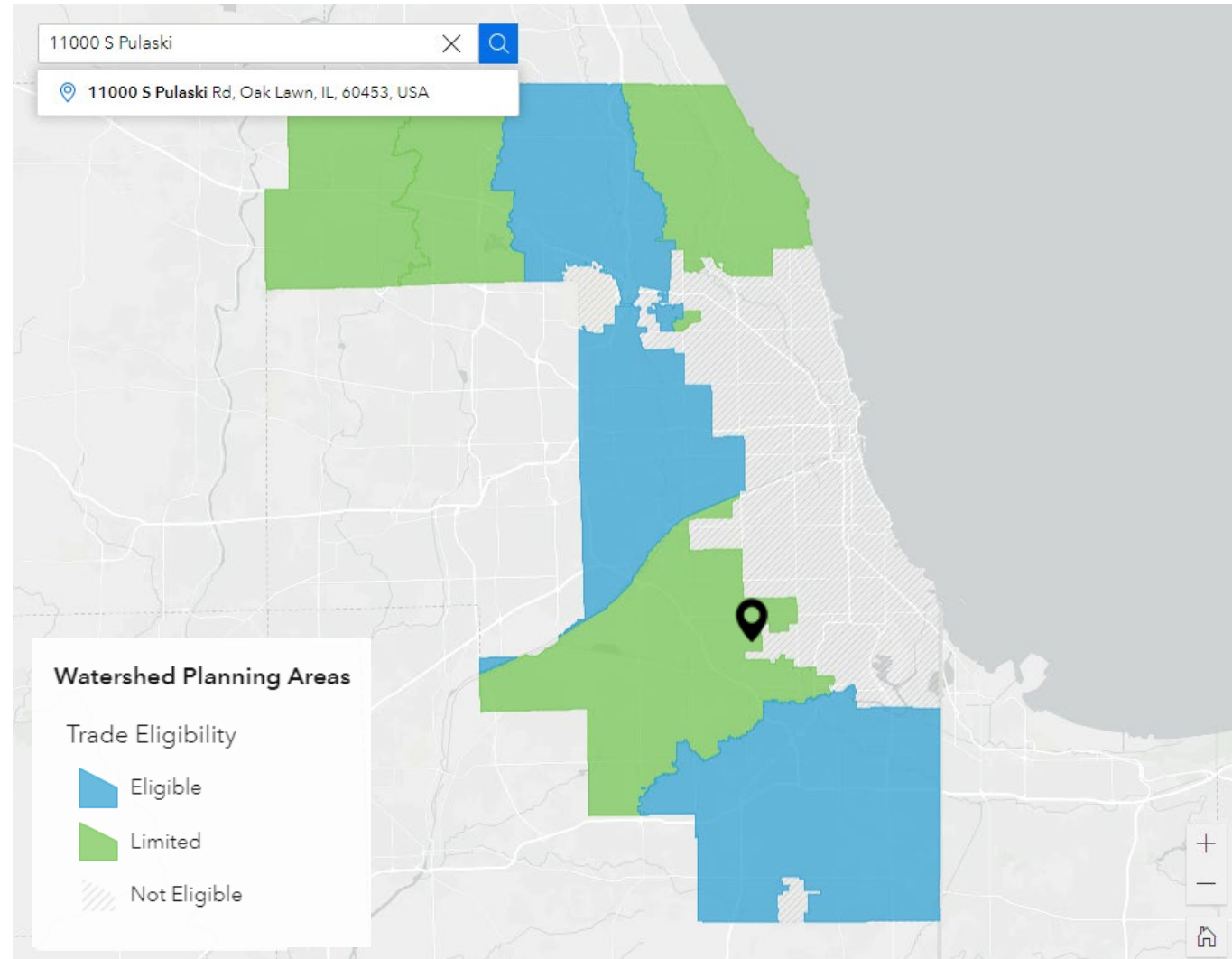
The StormStore Solution

- **Strategic Partnership** (The Nature Conservancy of Illinois)
- Market-based Approach
- Public Education + Outreach
- Decision-support
- Data-driven Decision-making



Benefits of the StormStore Approach

- **Incentivize Redevelopment + Urban Infill**
- **Right Infrastructure, Right Place**
- **Leverage Knowledge + Investments**
- **Cost Savings + Revenue Potential**



Our Work

MPC's work is designed to create **Thriving Communities, Equitable Infrastructure, and Just Public Systems**. These are the pillars of everything we do, a guiding framework for our intersectional efforts to advance racial equity and economic justice in the Chicago region.



Contact

Ryan Wilson

rwilson@metroplanning.org

metroplanning.org



[@metroplanners](https://www.instagram.com/metroplanners)