



Engaging Local Communities The Role of Stakeholder Processes

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MN Department of Commerce: Divisions



ENERGY



FINANCIAL INSTITUTIONS



FRAUD



INSURANCE ENFORCEMENT



TELECOM



LICENSING



WEIGHTS & MEASURES

MN Plans...

Clean Energy Technology Roadmap

a project to identify Minnesota's most promising research and development opportunities for achieving the state's clean energy goals

Minnesota Climate Change Advisory Group Final Report

A Report to the Minnesota Legislature

April 2008

ENERGY POLICY AND CONSERVATION QUADRENNIAL REPORT

MINNESOTA'S 2025 ENERGY ACTION PLAN

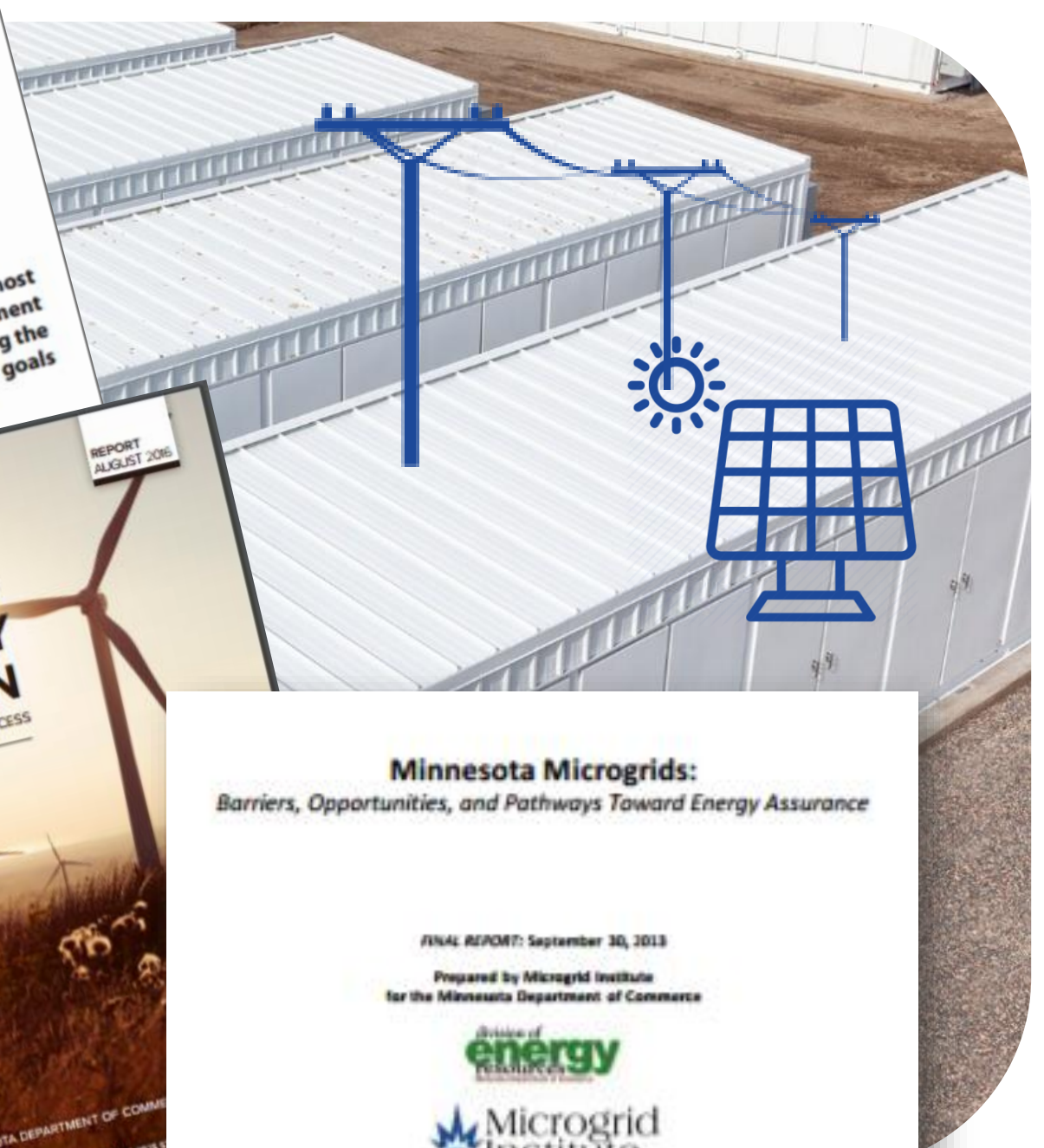
STAKEHOLDER-DRIVEN STRATEGIES FOR SUCCESS

REPORT AUGUST 2016

Minnesota Microgrids: Barriers, Opportunities, and Pathways Toward Energy Assurance

FINAL REPORT: September 30, 2013

Prepared by Microgrid Institute for the Minnesota Department of Commerce



Executive Order 19-37: Climate Change Subcabinet

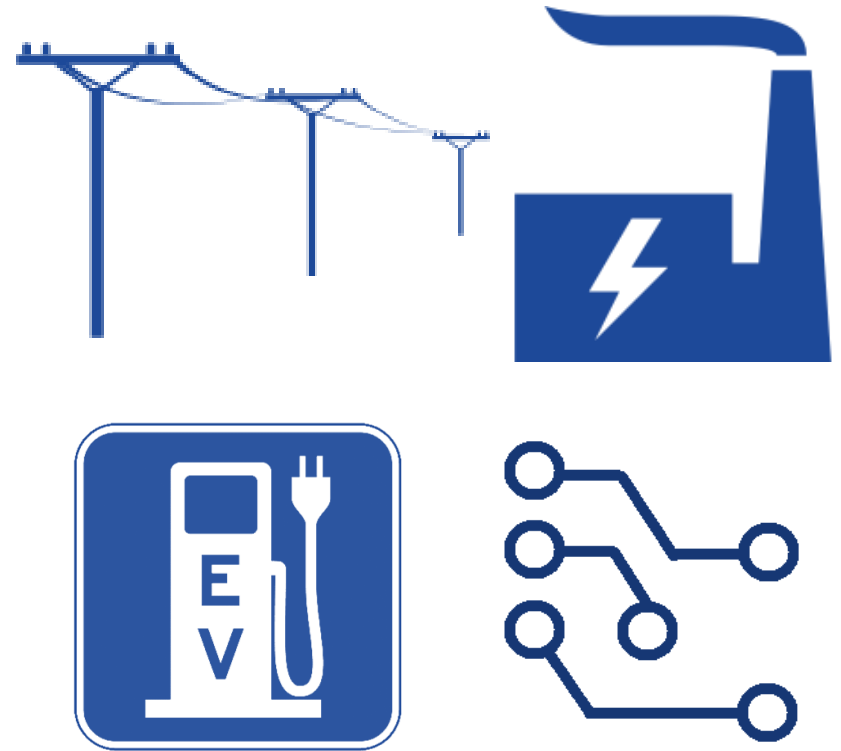
Put Minnesota back on track to meet or exceed our goals to reduce statewide GHG emissions

Enhance the climate resiliency of Minnesota's natural resources, working lands, and communities

Regulatory Activities

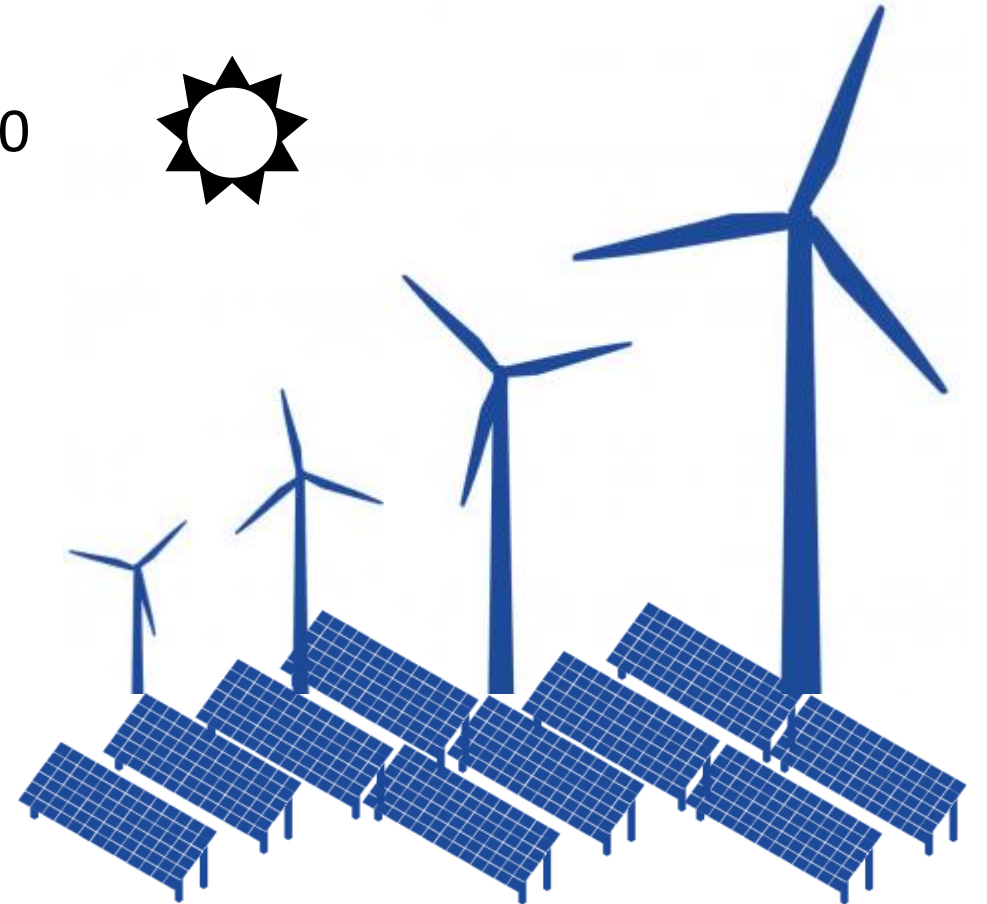
Policy Dockets

- Grid Modernization
- Interconnection Standards
- Electric Vehicle Charging Infrastructure & Rates
- Fuel Switching in CIP
- Baseload Commitment & Scheduling



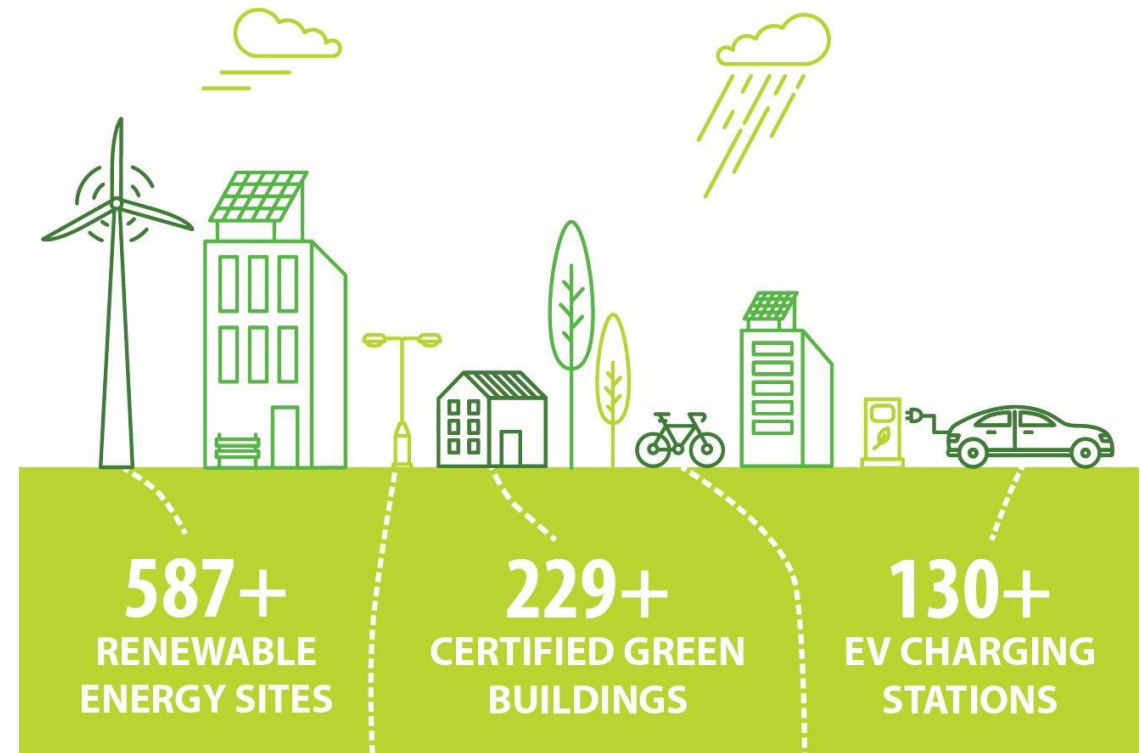
Energy Sector – Current Commitments

- **Xcel Energy:**
 - retire all coal for 80% carbon reduction by 2030
 - 100% carbon-free electricity by 2050
- **Great River Energy:** 95% carbon free by 2023
- **Minnesota Power:** 70% renewable by 2030, coal-free by 2035 & 100% carbon-free by 2050
- **SMMPA:** 80% carbon free in 2030
- **OTP:** 30% renewable energy & 40% carbon reduction by 2022



By the numbers:

- 141 participants
- Covers 49% of Minnesota's population
- 35% are small cities (5,000 people or fewer)
- Achieves more than \$8 million savings per year on energy costs



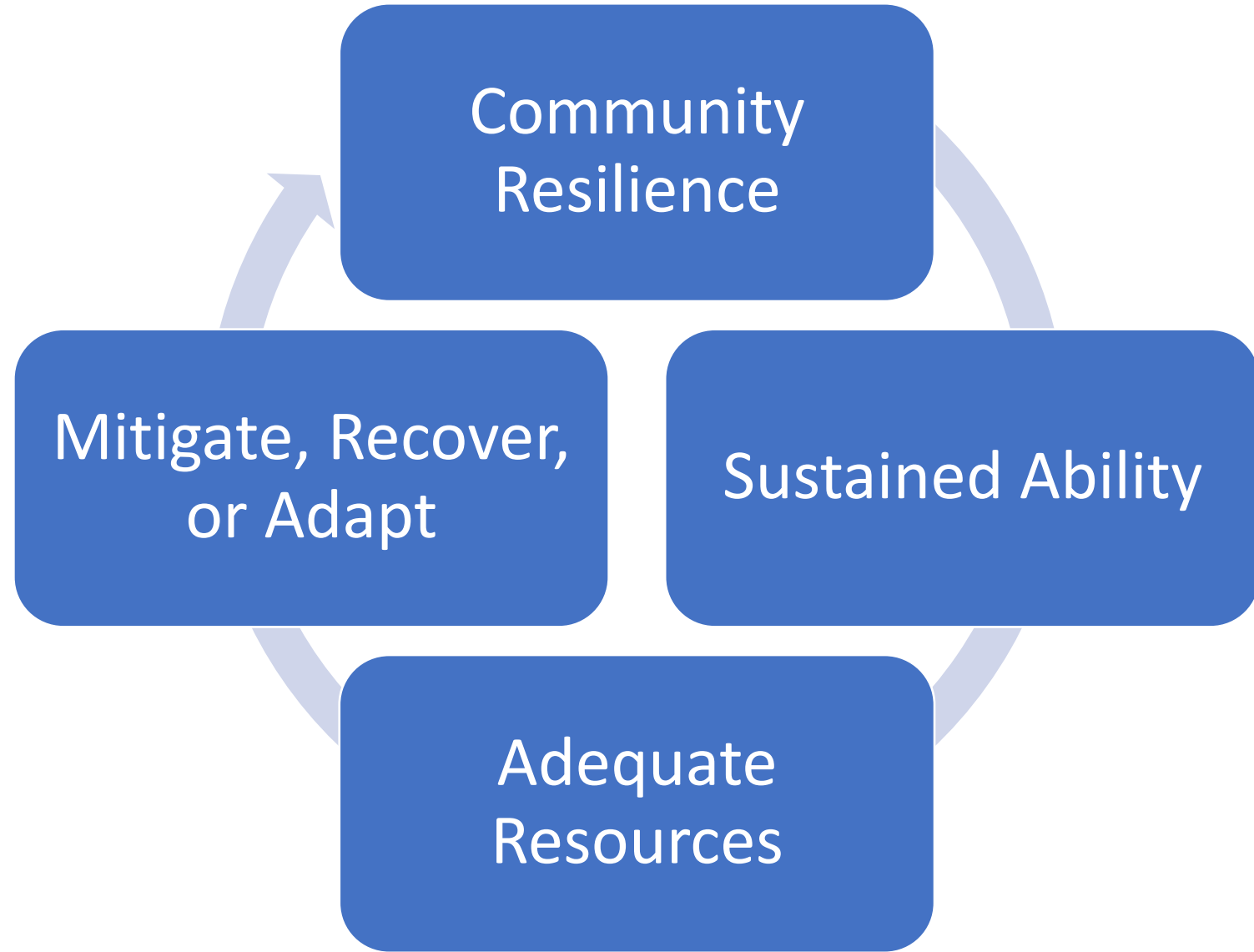
Local Climate, Resilience, and Energy Goals

City	Climate Goals	Renewable Goals
Grand Marais	Climate Action Plan (2019): Carbon Neutral by 2040	Achieve energy resilience 100% renewable for city operations
Northfield	Climate Action Plan (2019): Carbon free by 2040	10% in-boundary renewable electricity (20 MW) Carbon-free electricity by 2030
Rochester	Energy Action Plan (2017): Supports state goal to reduce GHG emissions 80% by 2050	Mayoral proclamation: 100% renewable electricity by 2031
St. Louis Park	Climate Action Plan (2018): Carbon neutral, community-wide by 2040	100% renewable electricity by 2030 10% in-boundary (37 MW) City ops currently at 100% renewable
St. Paul	Climate Action and Resilience Plan (2019 draft): Reduce emissions 50% by 2030, carbon neutral by 2050, community-wide	10% in-boundary renewable electricity (200 MW)
Minneapolis	Climate Action Plan (2013): 80% reduction in emissions from 2005 by 2050, community-wide	100% renewable electricity by 2030 community-wide 100% renewable electricity for city ops by 2022



Community Resilience

The sustained ability to utilize available resources to withstand, adapt to, and recover from disruption.



Stakeholder Engagement

Implementation Strategy

Policy or
Goal



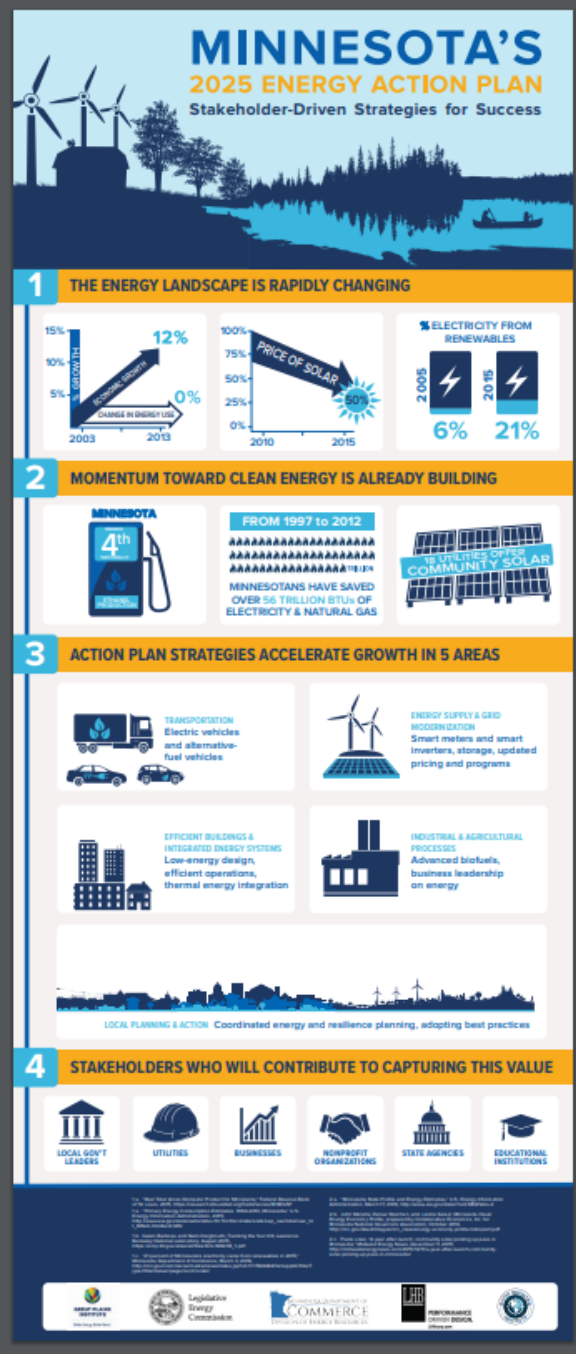


Traditional Engagement Processes

Stakeholder Engagement

- 4 workshops
- 3 comment periods
- Final action plan or methodology

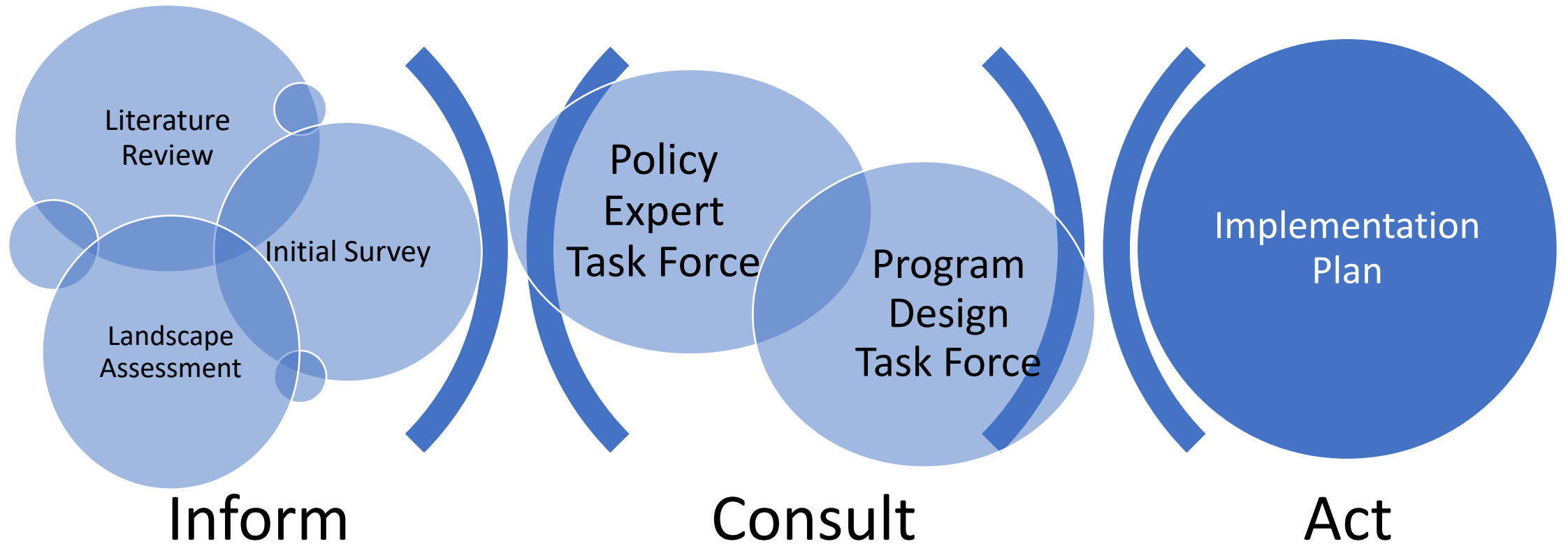
- **Sept 17, 2013: Workshop 1**: Overview of National Efforts on Solar PV Benefit & Cost Studies
- **Sept 20, 2013: Initial Comments** these comments were used to frame the Oct 1 workshop
- **Oct 1, 2013: Workshop 2**: Proposed approach to methodology, Stakeholder perspectives, Identification of key issues
- **Oct 8, 2013: Comments on key issues** these comments were used to frame the Oct 15 workshop
- **Oct 15, 2013: Workshop 3**: Discussion of key issues, Facilitated discussion with stakeholders
- **Nov 19, 2013: Workshop 4**: Presentation of Initial Draft Methodology
- **Dec 10, 2013: Comments on draft methodology** informed the final draft methodology that the Department submitted to the PUC



MN's 2025 Energy Action Plan: Goal

- Improve understanding of the state's energy landscape
- Advance a clean, reliable, resilient, and affordable energy system for Minnesota
- Meet Minnesota Statute 3.8852:
 - develop a planning strategy for a sustainable energy future
 - establish strategies to meet state's energy goals (e.g. RPS, EERS, fuel standards)
 - prepare for next steps beyond existing goals

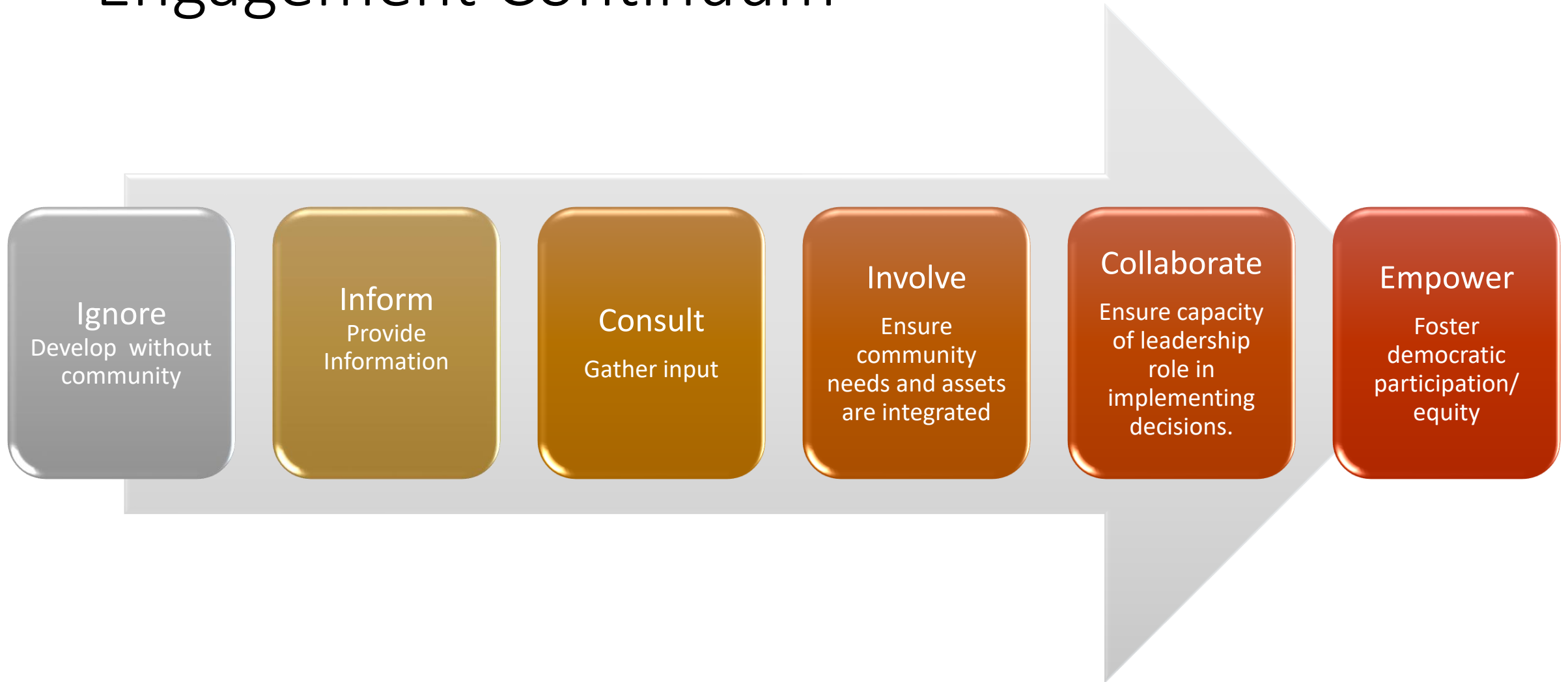
Traditional Engagement Processes



Energy Assurance and Resilience Planning



Engagement Continuum





**Resilience
Readiness**

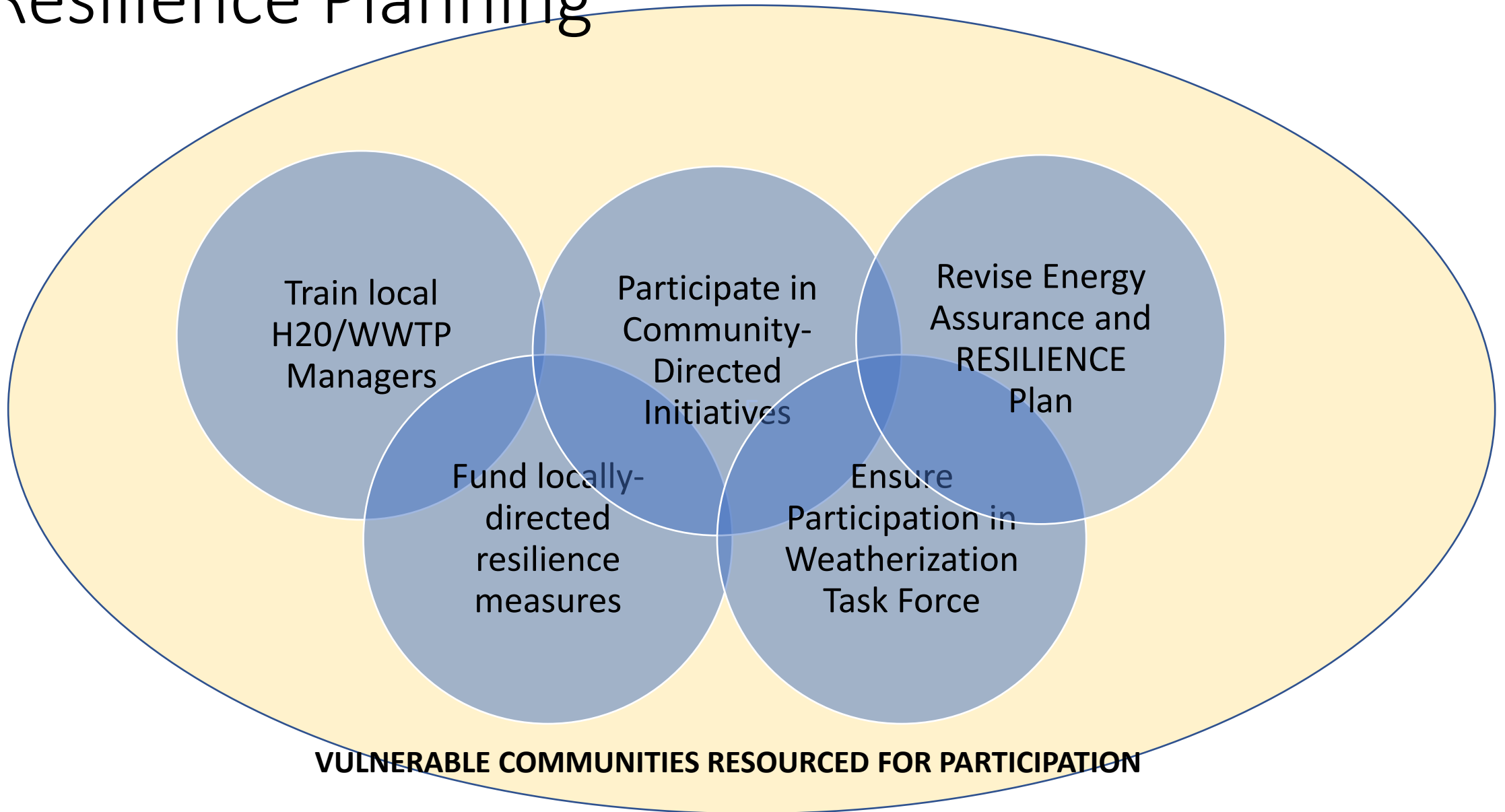
**Resource
Alignment**

**Community
Engagement**

**2021 Community
Energy Collaborative**

Relational Model

Examples of State-Led, Community-Resilience Planning





~ Questions & Discussion ~