

# e21 INITIATIVE

2018 FORUM #1

MARCH 20<sup>TH</sup>

# e21 Conveners

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**GREAT PLAINS  
INSTITUTE**



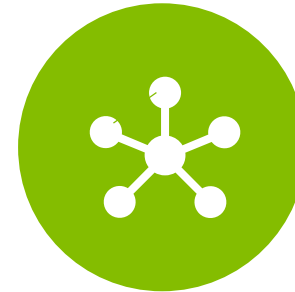
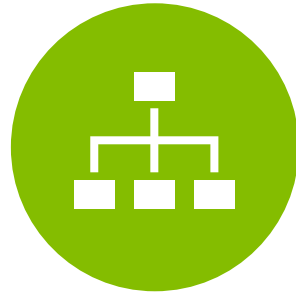
# e21 = Response to Changing Electric System

Analog & Manual



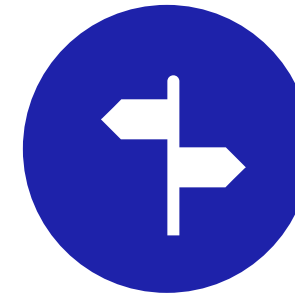
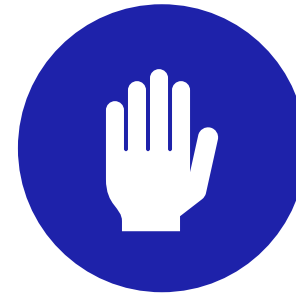
Digital & Automated

Centralized  
One-way flow



Cleaner  
More Distributed  
Multi-directional flow

Little consumer  
choice



More consumer  
choice

# Phase I: Founding

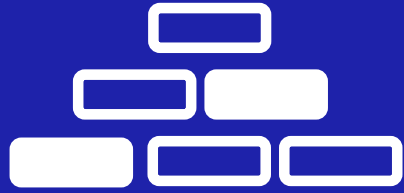
## Key Question:

Do the utility regulatory framework and business model need to evolve to keep pace with rapid changes in the electric sector, and if so how?



# Phase I: Process

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**Agree on guiding principles**



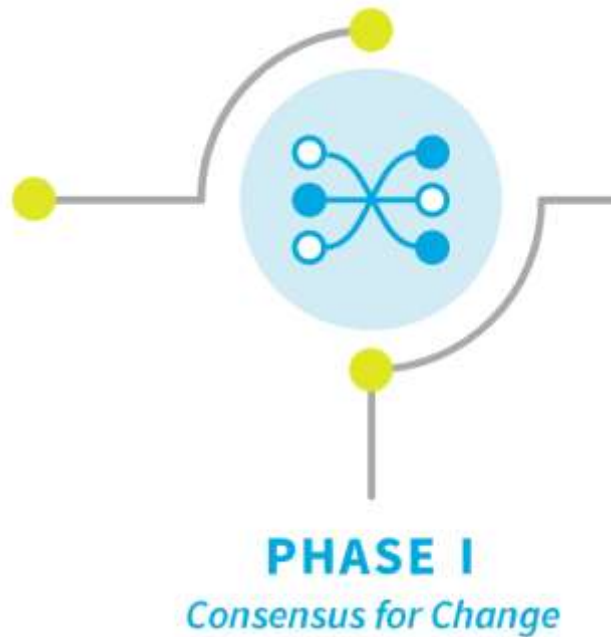
**Transformative Scenario  
Planning (5 Steps)**



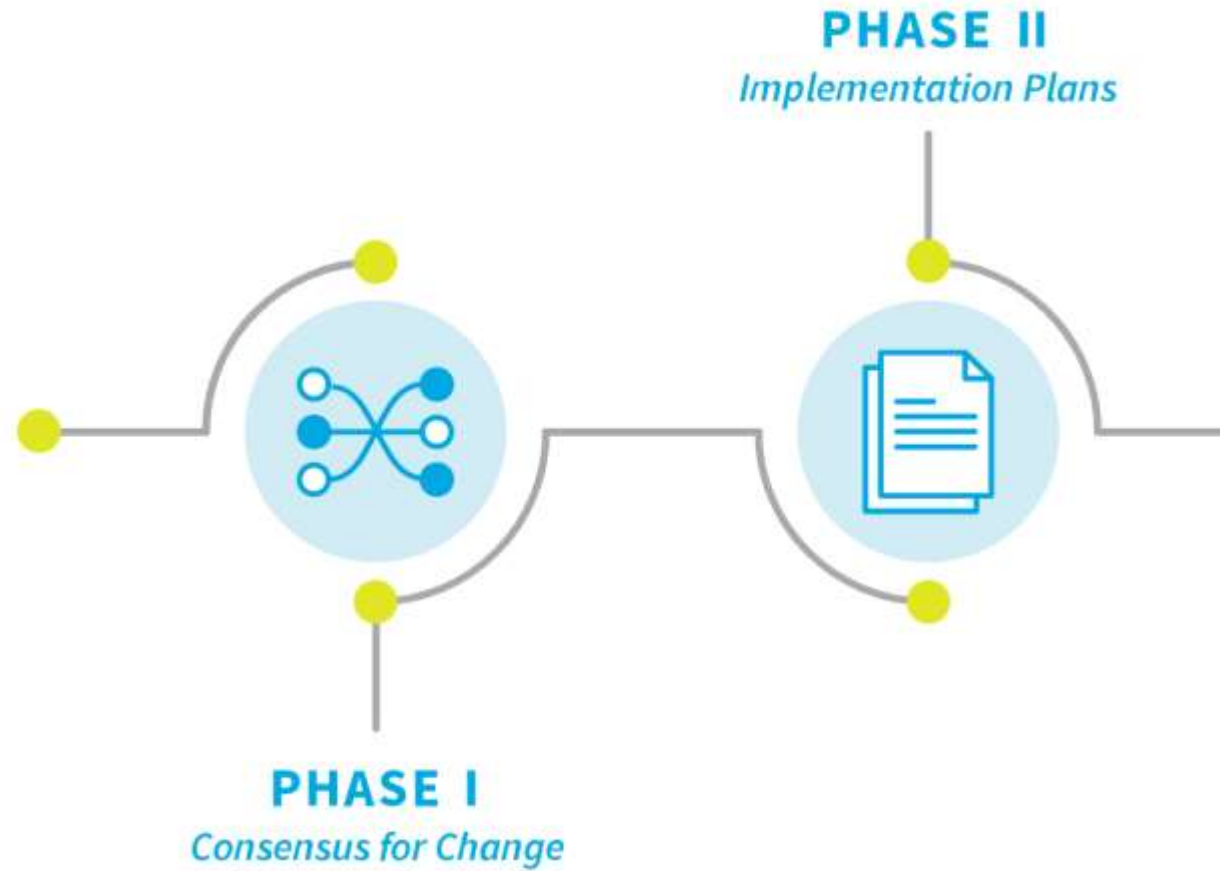
**Blueprint for evolving  
regulatory framework and  
utility business model**

# Phase I = Consensus for Change

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# Phase II: Implementation Plans



# Phase II: Whitepapers

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**Performance-Based  
Compensation**



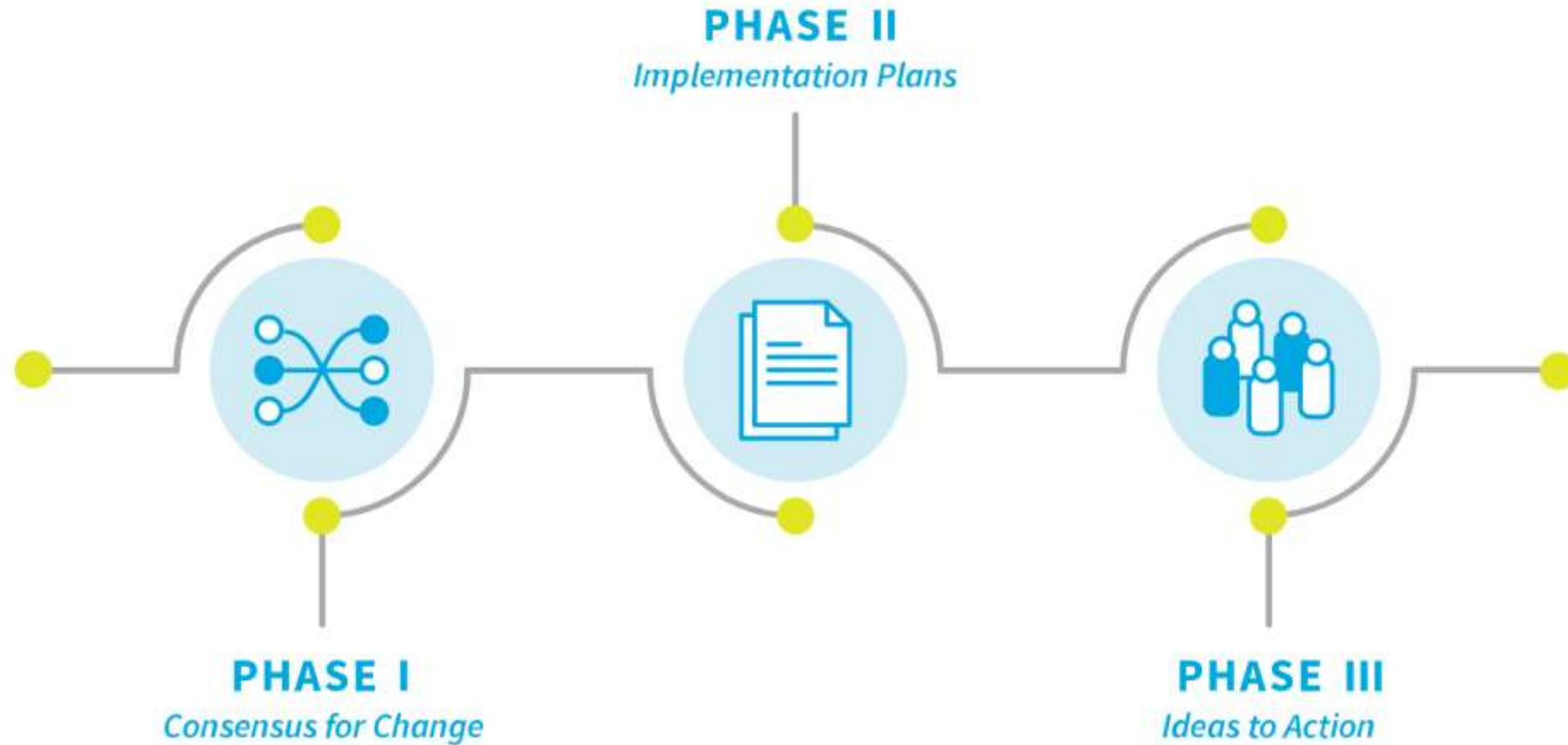
**Grid Modernization**



**Integrated Systems  
Planning**



# Phase III: Ideas to Action



# Phase III: Overall Goals

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1. Improve mutual understanding, awareness, and collaboration among Minnesota's energy community
2. Contribute to successful regulatory filings that implement key e21 concepts and recommendations

# Phase III: Stakeholder Engagement

## Forums



### Example:

Advanced Rate Designs

## Roundtables



### Example:

Docket on Performance Metrics for Xcel Energy

## Project Workgroups



### Example:

Xcel Energy Time of Use Rate Design Pilot

# e21's Distinguishing Features

## Proactive



Done in advance of crisis  
Agreement on arc of change  
could reduce transaction  
costs & improve outcomes

## Multi-interest & Collaborative



Consensus-oriented  
Safe space outside of  
formal regulatory  
process

## Voluntary



Arose from mutual interest  
among participants  
Opportunity for diverse  
interests to travel common  
learning curve

# Phase III: New Website and Newsletter

## Goals:

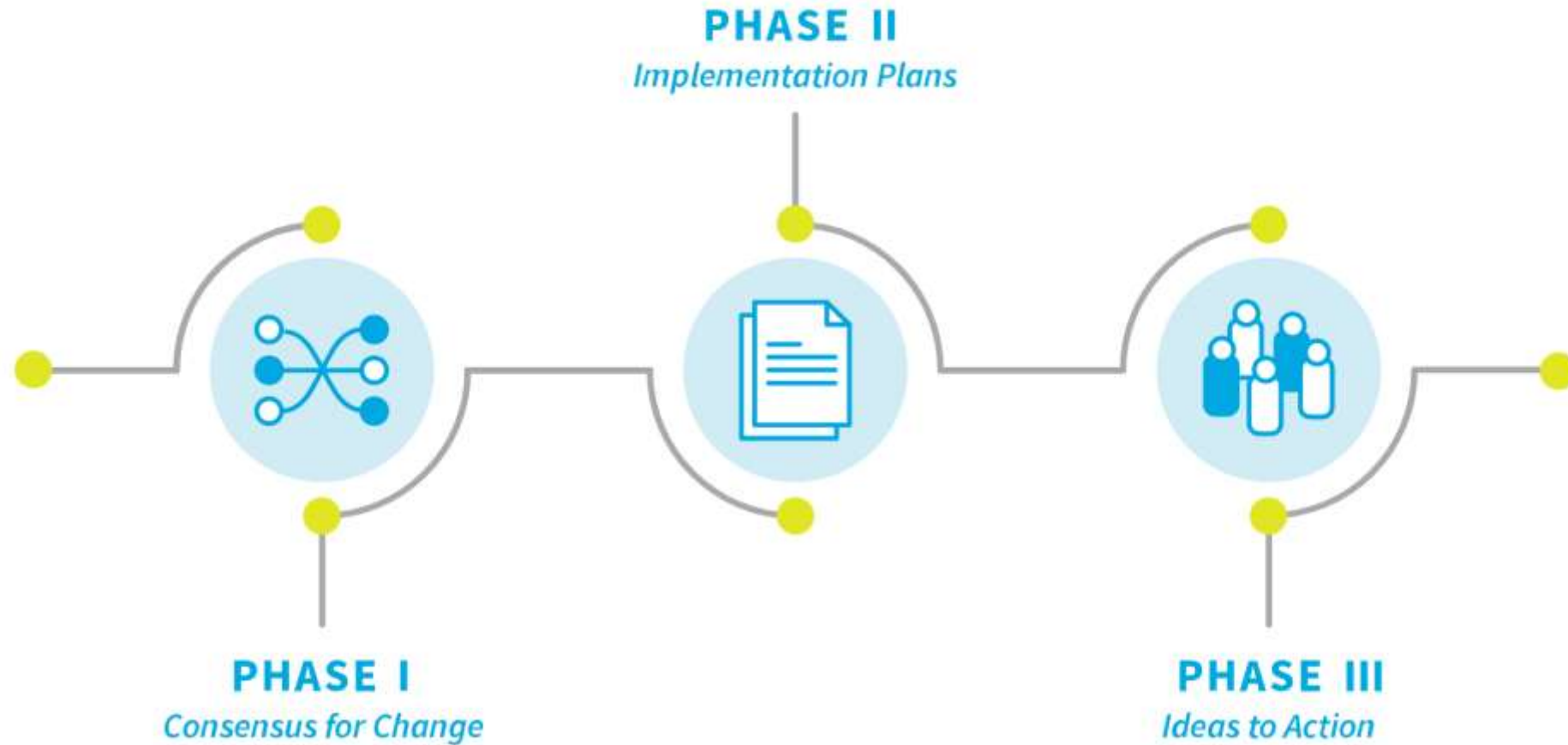
- Increase visibility of Minnesota's utility and regulatory innovations (not just e21-specific activities)
- Provide a one-stop portal for anyone, anywhere interested in following e21 and related work
- Create a shared platform for advancing a 21<sup>st</sup> Century energy system in Minnesota



[e21initiative.org](http://e21initiative.org)

# Questions?

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