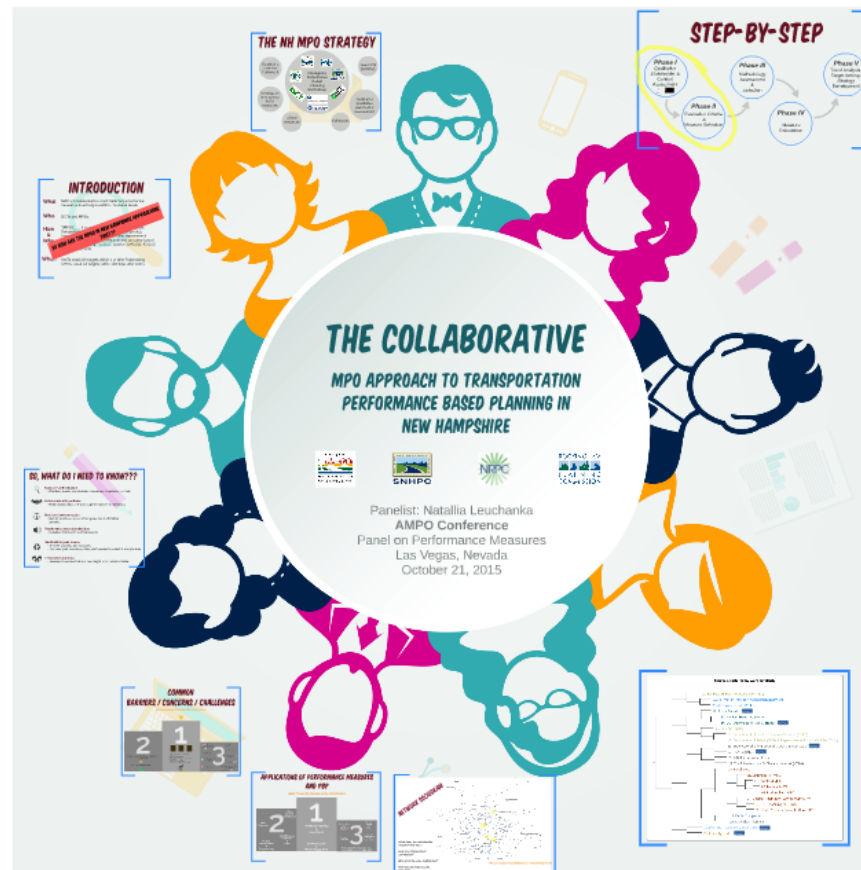


# THANK YOU!



For more information:  
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[nleuchanka@strafford.org](mailto:nleuchanka@strafford.org)

# THE COLLABORATIVE

## MPO APPROACH TO TRANSPORTATION PERFORMANCE BASED PLANNING IN NEW HAMPSHIRE

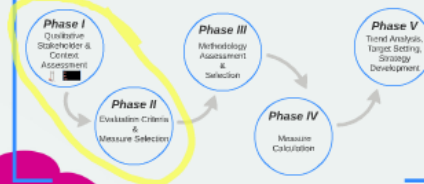


Panelist: Natallia Leuchanka  
**AMPO Conference**  
Panel on Performance Measures  
Las Vegas, Nevada  
October 21, 2015

## THE NH MPO STRATEGY



## STEP-BY-STEP



## INTRODUCTION

**What** MAP 21 requirement to track national performance measures & set targets within 7 National Goals  
**Who** DOTs and MPOs  
**How & Why** MAP 21 requires MPOs to develop a performance based planning process to track national performance measures & set targets within 7 National Goals  
**When** DOTs establish targets within 1 year after MAP 21 implementation

# THE COLLABORATIVE MPO APPROACH TO TRANSPORTATION PERFORMANCE BASED PLANNING IN NEW HAMPSHIRE



Panelist: Natalia Leuchanka  
**AMPO Conference**  
 Panel on Performance Measures  
 Las Vegas, Nevada  
 October 21, 2015

## SO, WHAT DO I NEED TO KNOW???

- Assess your situation**
  - Review your current performance measures, targets, and goals
- Collaborate with partners**
  - Build relationships and work together to develop a plan
- Build an action plan**
  - Identify and track performance goals, set of action items
- Monitor and report**
  - Establish a process to monitor and report
- Review your progress**
  - Identify and track performance goals, set of action items
- Know your audience**
  - Identify and track performance goals, set of action items

## COMMON BARRIERS / CONCERNS / CHALLENGES



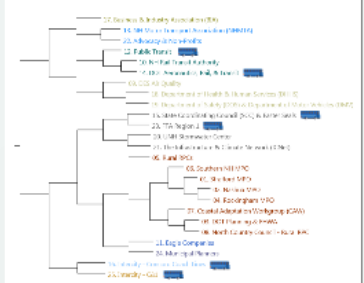
## APPLICATIONS OF PERFORMANCE MEASURES AND PBP



## NETWORK SCENARIO



## Sources covered by word analysis



# INTRODUCTION

## What

MAP-21 requirement to track national performance measures & set targets within 7 National Goals

## Who

DOTs and MPOs

## How

&

## Why

“[MPOs]..., in cooperation with the State and public transportation operators, shall develop long-range transportation plans and transportation improvement programs through a performance-driven, outcome-based approach to planning.” 23 USC Section 134(c)(1); 49 USC Section 5305(c)(1).

**SO HOW ARE THE MPOS IN NEW HAMPSHIRE APPROACHING THIS???**

## When

DOTs establish targets within 1 yr after Rulemaking  
MPOs establish targets within 180 days after DOTs

# THE NH MPO STRATEGY

Establish a  
common  
framework

Develop an  
interagency  
list of  
measures

Share  
resources

Collaborate

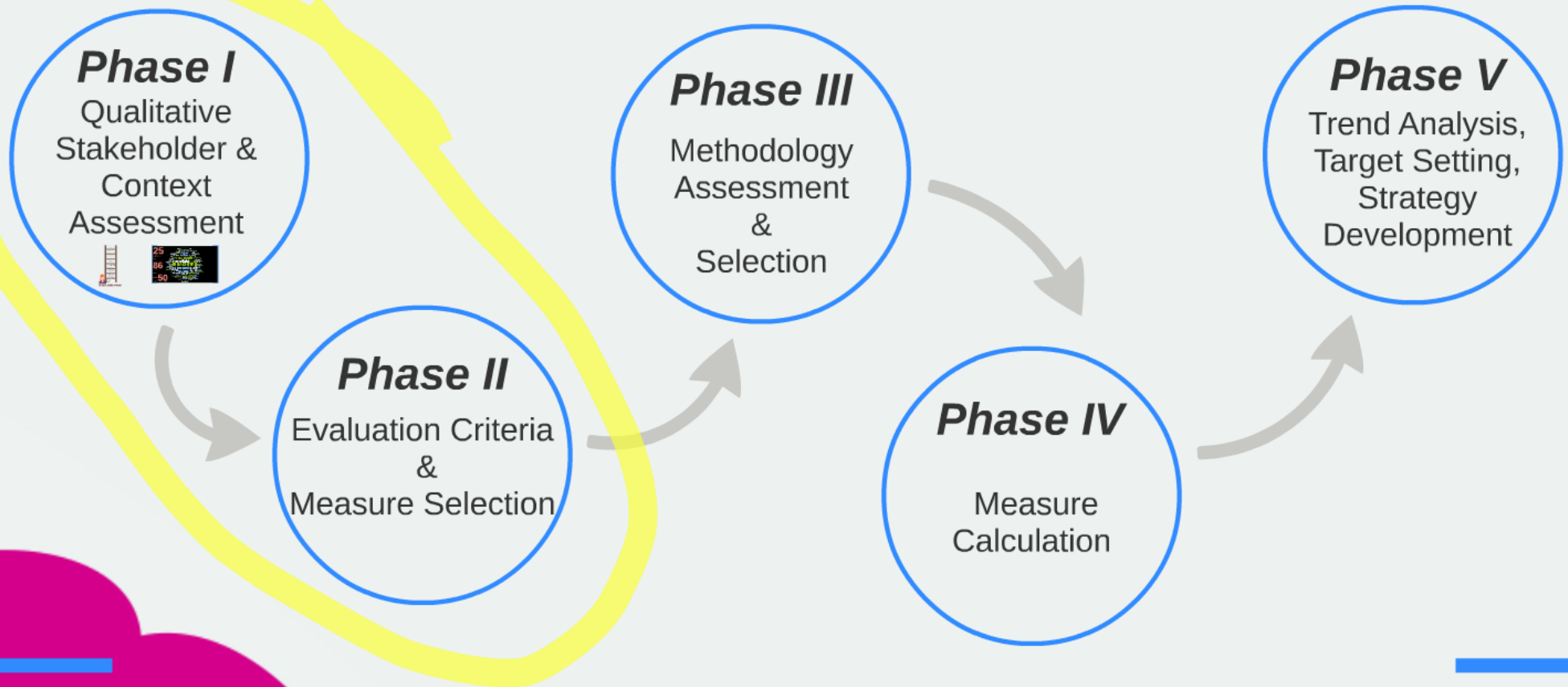
Seek \$\$\$  
(SHRP2)

Conduct a  
qualitative  
stakeholder  
assessment

Interagency  
Performance  
Based  
Planning  
WorkGroup



# STEP-BY-STEP







# THE SOCIAL SCIENCE APPROACH

*Raw data (not a hypothesis) guides the process and findings.*

*Verbatim interview  
**transcriptions** help ensure  
validity and reduces researcher  
bias*

*"Snowball effect" of  
seeking out participants*

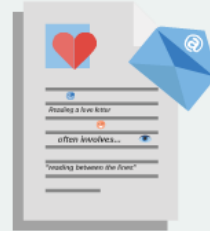
*Semi-structured **interviews***

START HERE





***ACTIVE reading of transcripts, NOT passive***



***Qualitatively analyze the raw data (interviews)***

General  
**Inductive**  
Approach to  
Analysis and  
Interpretation



***Raw data (not a hypothesis) guides the process and findings.***



*Reading a love letter*

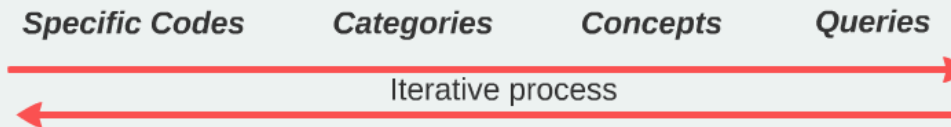


*often involves...*



*"reading between the lines"*

*Qualitative data analysis is **critical thinking***



***Codes** are created as **Nodes** (buckets of text of a particular theme/concept)*

***Coding** = identify and label passages of text related to particular research objectives or themes*

*Use of NVivo Qualitative Analysis **software** to derive **meaningful** segments & concepts from **raw data** (interview text)*

***So what are some things that we are seeing?***

***What are our stakeholders talking about?***

interviews and/or  
group discussions

86

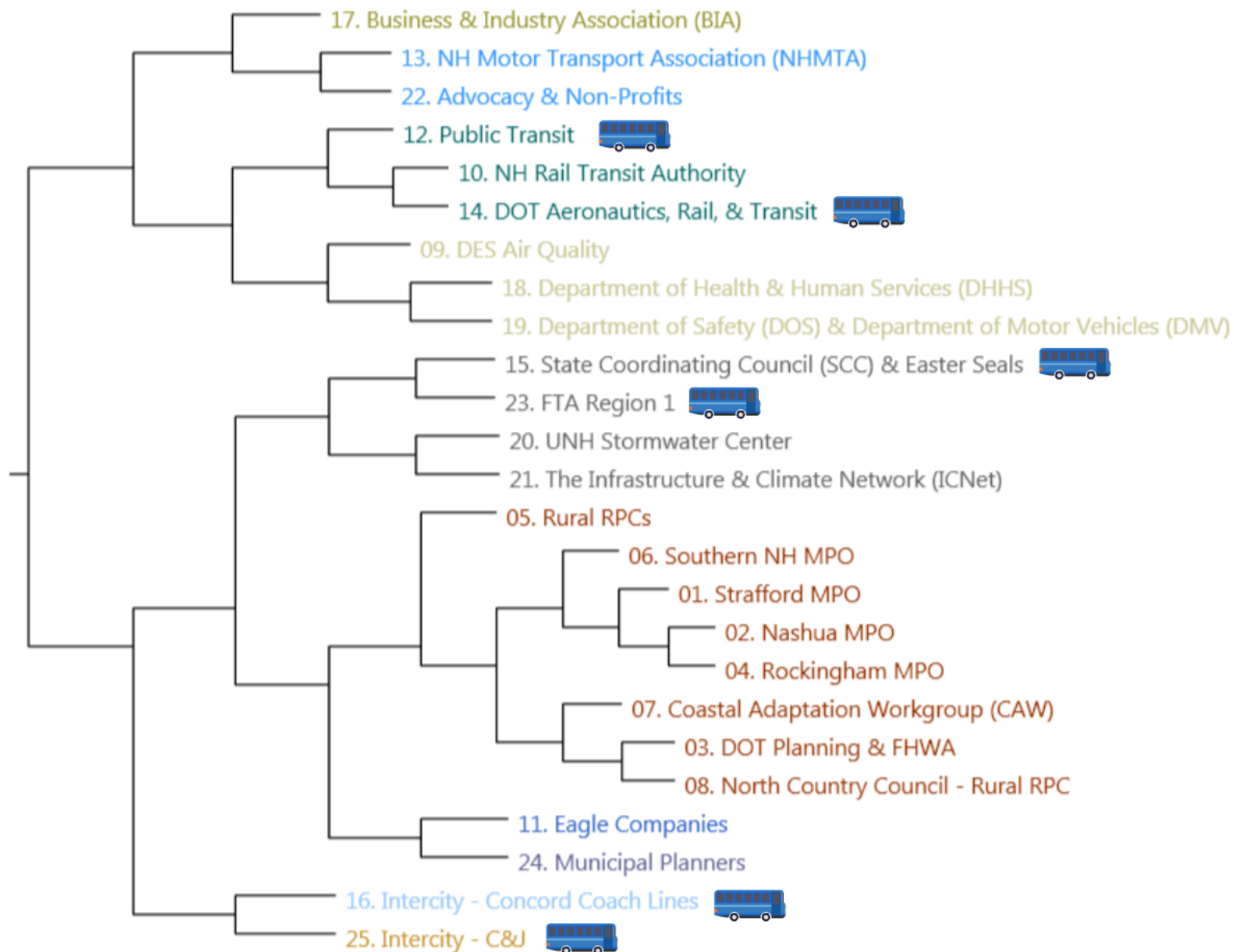
individuals

~50

groups / agencies / organizations



### Sources clustered by word similarity



**We are tasked to collaborate in everything we do**

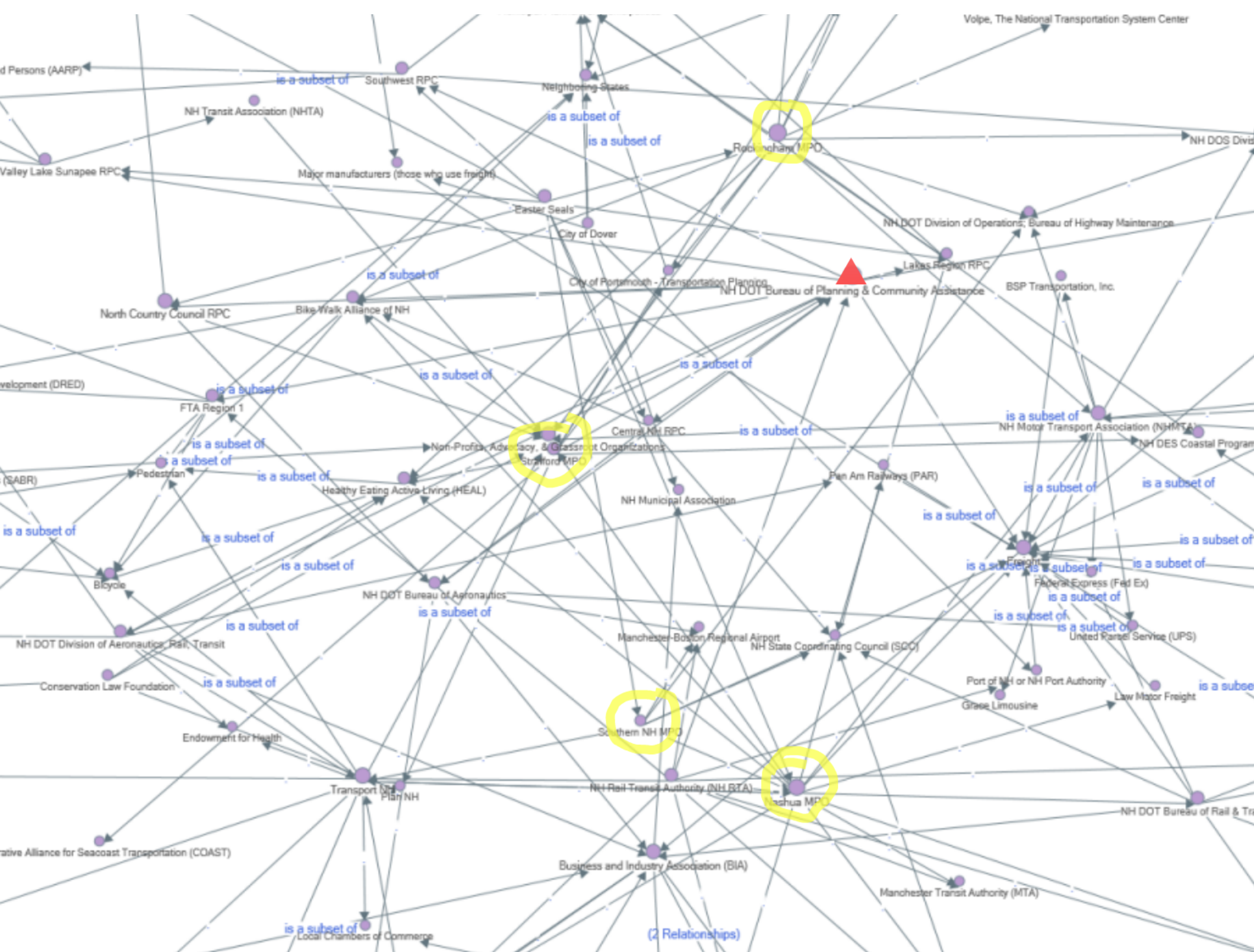
**How are stakeholders connected?**

### Who is in the core workgroup?

**How can we improve the network?**

***We are tasked to collaborate in everything we do***







# APPLICATIONS OF PERFORMANCE MEASURES AND PBP

*Most Frequently Mentioned by Stakeholders*



# COMMON BARRIERS / CONCERNS / CHALLENGES

*Most Frequently Mentioned by Stakeholders*



# 1



- Data/Modeling Accuracy, Reliability, and Limitations
- Data Availability and Access
- Data Collection, Processing, and Maintenance
- Data Updates & Frequency
- High Cost of Data Collection
- Lack of Central Clearinghouse & System



# 2

Effective Communication, Education,  
& Outreach



Funding & Investments



# 3



Collaboration & Partnerships

Breaking Political & Bureaucratic Barriers

Meaningfulness of Measures

Efficiency, Utilizing Current Resources, Removing Redundancy



Public Perception



Decision-making related to measures



Adapting Measures & PBP Framework to Regional Nuances & Needs



Control/Influence over Measure Outcomes/Trends

[Federal] Understanding & Ensuring Relevancy to NH Scales - State, MPOs, Rural RPCs, & Municipalities

State Support & Understanding of Local/Regional Realities



# 1



- Data/Modeling Accuracy, Reliability, and Limitations
- Data Availability and Access
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- High Cost of Data Collection
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Collaborative  
Partnership

Decision-making related to  
measures



Adapting Measures & Framework to Regional Needs & Needs



Control/Influence over Measures  
Outcomes/Trends

State Support

# 2

Effective Communication, Education,  
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Funding & Investments







Collaboration & Partnerships

Breaking Political & Bureaucratic Barriers

Meaningfulness of Measures

Decision-making related to measures

Efficiency, Utilizing Current Resources, Removing Redundancy



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Public Perception



Control/Influence over Measure Outcomes/Trends

[Federal] Understanding & Ensuring Relevancy to NH Scales - State, MPOs, Rural RPCs, & Municipalities

State Support & Understanding of Local/Regional Realities





# SO, WHAT DO I NEED TO KNOW???



## **Assess YOUR situation**

- Priorities, needs, stakeholders, resources, mandates, context.



## **Collaborate with partners**

- Build relationships and work together (power in numbers).



## **Build on Common Goals**

- Identify and focus on common goals; build off mutual benefits.



## **Reach out to your stakeholders**

- Establish TWO-WAY communication.



## **Work within your means**

- SMART and feasible measures
- Consider your resources, time, staff needed to collect & analyze data.



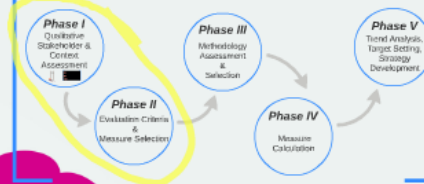
## **Know your audience**

- Develop measures that are meaningful and understandable.

## THE NH MPO STRATEGY



## STEP-BY-STEP



## INTRODUCTION

**What:** MAP 21 requirement to track national performance measures & compare with 7 National Goals

**Who:** DOTs and MPOs

**How & Why:** MAP 21 requires MPOs to develop a transportation plan that includes a performance-based planning process. The plan must include a performance-based planning process that includes a performance-based planning process.

**When:** DOTs establish targets within 1 year after receiving MAP 21 funding. Targets must be established within 1 year.

# THE COLLABORATIVE MPO APPROACH TO TRANSPORTATION PERFORMANCE BASED PLANNING IN NEW HAMPSHIRE



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## SO, WHAT DO I NEED TO KNOW???

- Assess your situation**
  - Identify needs, resources, strengths, weaknesses, opportunities
- Establish your priorities**
  - Identify the most important issues to address
- Build an action plan**
  - Identify the most important issues to address
- Monitor and evaluate progress**
  - Identify the most important issues to address
- Know your audience**
  - Identify the most important issues to address

## COMMON BARRIERS / CONCERNS / CHALLENGES



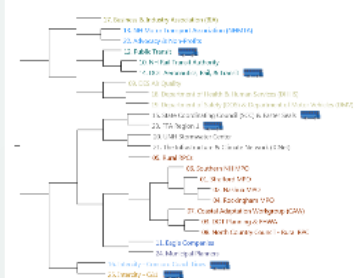
## APPLICATIONS OF PERFORMANCE MEASURES AND PBP



## NETWORK SCORING



## Sources covered by word analysis



# THANK YOU!



For more information:  
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