WELCOME TO THE
RESILIENT NORTHEASTERN NJ
NON-PHYSICAL SOLUTIONS BREAKOUT

February 9, 2022 4:30 – 5:30 PM and 7 – 8 PM

If you are viewing on livestream and want to join the breakouts, please go to
https://tinyurl.com/nenj-mtg-4

Community Meeting Guidelines

TO ENSURE THAT WE ARE ABLE TO MAXIMIZE OUR TIME TOGETHER AS A GROUP

- **Please remain on mute unless speaking**

- **During the main presentation:**
  - Please submit questions in the chat
  - Please turn off video to allow for ASL accessibility

- **During the breakouts**
  - If you are able and willing to, please consider turning on your camera
  - Use one mic and stack
  - Acknowledge everyone's voice and time. If you find yourself speaking frequently, consider opening the floor to your group members. We look forward to hearing what everyone has to say!
  - Please speak from your own experience
  - If there are several group members with things to share, please use the 'raise hand' function, the chat, or gesticulating in Zoom and a facilitator will call on you

- **Please save discussion for the breakouts and report out**

Join the conversation!

Please use the chat function to ask questions as we go!

If the meeting abruptly ends, please be patient and re-joining using the same Zoom link. You will also receive an email with the meeting link.

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NON-PHYSICAL SOLUTIONS BREAKOUT

What we'll share in this breakout:

1 Non-physical solutions we're currently exploring based on input and technical analyses to date

2 How these solutions could be affected by additional analyses underway
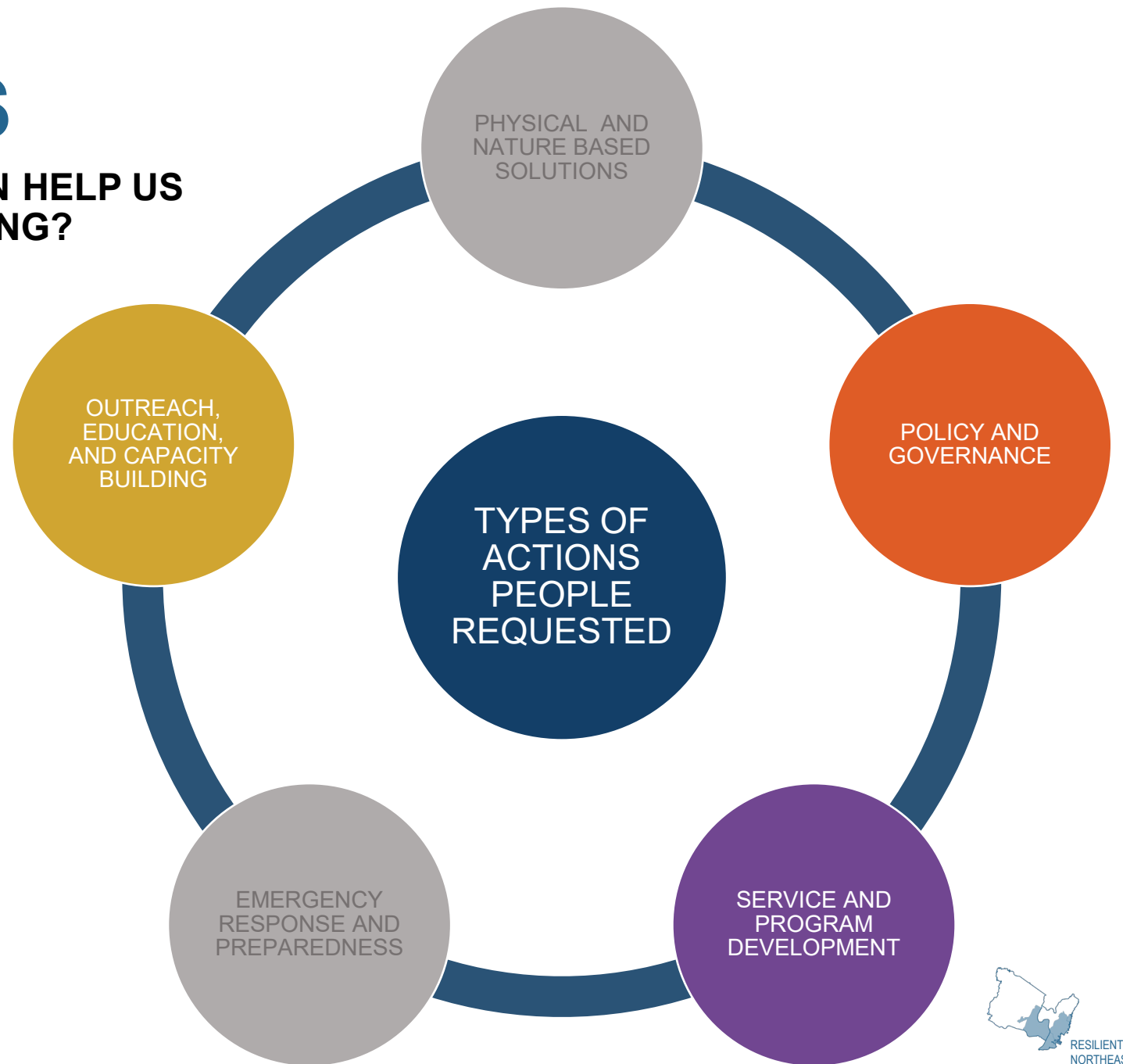
3 Next steps

What we hope you'll share:

1 Solutions you'd like to see prioritized and how they achieve desired goals

2 Concerns about solutions and their implications

3 Any other questions about the project and expected outcomes

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SOLUTION TYPES

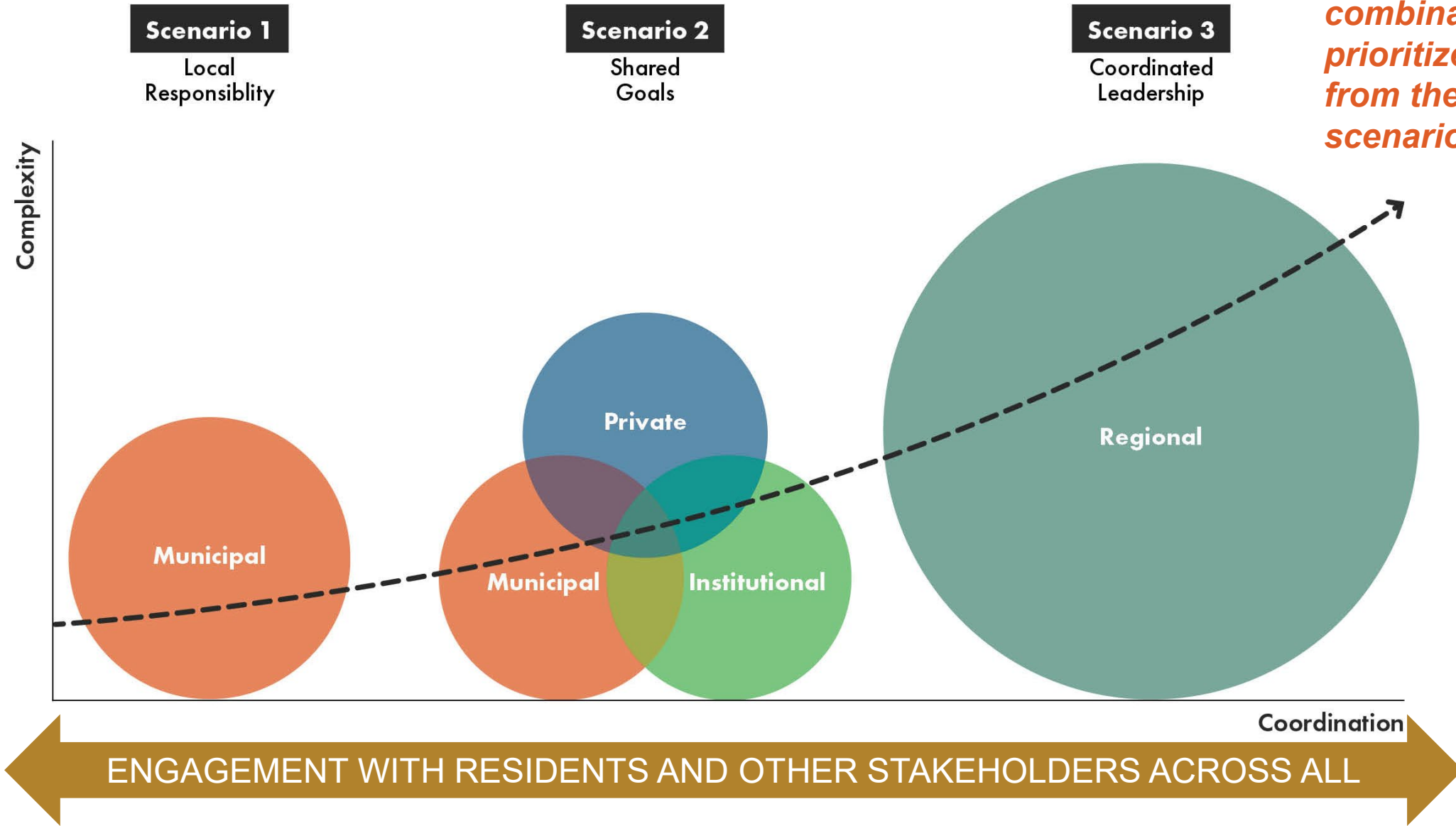**WHAT NON-PHYSICAL SOLUTIONS CAN HELP US BECOME MORE RESILIENT TO FLOODING?**

Physical and nature-based solutions are being discussed in the other breakout room

Emergency response and preparedness actions will be discussed in a future meeting (we discussed these in our last community meeting and also have included other feedback in the visioning report)

PHYSICAL AND NATURE BASED SOLUTIONS

OUTREACH, EDUCATION, AND CAPACITY BUILDING

POLICY AND GOVERNANCE

TYPES OF ACTIONS PEOPLE REQUESTED

EMERGENCY RESPONSE AND PREPAREDNESS

SERVICE AND PROGRAM DEVELOPMENT

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... ACROSS SCENARIOS

Based on your feedback, the final plan will be a combination of prioritized actions from these scenarios

Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

ENGAGEMENT WITH RESIDENTS AND OTHER STAKEHOLDERS ACROSS ALL

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FOR EACH OF THESE SOLUTON TYPES:

WHAT WE'LL SHARE	WHAT WE HOPE YOU'LL SHARE
• Goals that the solutions should help accomplish • How these goals present as potential actions across the scenarios	• Do these sound right? Is anything missing? • What should we prioritize? What is not important to you? • Think about, when responding, where you think the responsibility for addressing these needs lie

We will take your feedback and priorities to refine the scenarios and begin to frame out a hypothesis for the preferred action plan

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GOALS BY SOLUTION TYPE (BASED ON VISIONING)

OUTREACH, EDUCATION, AND CAPACITY BUILDING

1. **Expand leadership capacity and coordination**
2. **Increase community preparedness and awareness**
3. **Improve outreach to vulnerable populations**
4. **Leverage resident expertise**

POLICY AND GOVERNANCE

1. **Incorporate resilience in new development**
2. **Increase small scale green infrastructure**
3. **Integrate stormwater management in open space**
4. **Incorporate resilience into contaminated sites**
5. **Reduce risk from contaminated sites**
6. **Increase coordination on infrastructure investments**

SERVICE AND PROGRAM DEVELOPMENT

1. **Increase small scale green infrastructure**
2. **Create resilience hubs**
3. **Waste reduction**

IS ANYTHING MISSING? WHAT MATTERS MOST?

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OUTREACH, EDUCATION, AND CAPACITY BUILDNG

ACTION GOALS

1. **Expand leadership capacity and coordination:** Increase & improve local leadership in resilience and make resilience a coordinated effort between stakeholders

2. **Increase community preparedness and awareness:** Increase awareness about concepts of flood risk & resilience and promote flood preparedness

3. **Improve outreach to vulnerable populations**

4. **Leverage resident expertise**: Incorporate community science / crowdsourcing to understand flooding

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Goal 1. Expand leadership capacity and coordination

OUTREACH, EDUCATION, AND CAPACITY BUILDING

Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

Staff increases & municipal Chief Resilience Officer

Community resilience leader outreach and training program

State-level guidance on tools, data, and models for decision-making

Regional staff training program on incorporating resilience into planning and policy

Statewide program for ongoing partnerships between municipalities and NGOs (continuation of RNJ)

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Goal 2. Increase community preparedness & awareness

Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

Regional-scale distribution of Flood Management 101 campaign

Use RNJ as a coordinated platform for engagement related to resilience

City-led Flood Management 101 campaign

Webpage on city website with ongoing resilience projects

Flood Management 101 campaign in partnership with schools and community groups

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Goal 3. Improve outreach to vulnerable populations

OUTREACH, EDUCATION, AND CAPACITY BUILDING

Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

Community ambassadors for outreach on resilience

Coordination across departments (e.g., public housing, public health, and planning departments)

Engage Deaf and non-English speaking community advocates to collaborate on needs

Create contract flexibility to facilitate hiring of local translators and community advocates

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Goal 4. Leverage resident expertise to understand flooding

OUTREACH, EDUCATION, AND CAPACITY BUILDING

Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

Promote state-level NJ MyCoast reporter

Promote app for crowdsourcing flood reports in coordination with community-based organizations and academia

Develop and promote online flood reports

Incorporate 311 reports into database of flood locations

IS ANYTHING MISSING? WHAT MATTERS MOST?

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POLICY AND GOVERNANCE

ACTION GOALS

1. **Incorporate resilience in new development and construction:** Ensure that new development is resistant to current and future flood risks and doesn't impact drainage

2. **Increase small scale green infrastructure:** Incentivize green infrastructure projects by non-municipal stakeholders

3. **Integrate stormwater management in open space:** Streamline approvals process for projects that incorporate stormwater management / flood protection in Green Acres-encumbered open space

4. **Incorporate resilience into contaminated sites:** Leverage the large number of contaminated sites in the region to provide flood mitigation

5. **Reduce risk from contaminated sites:** Understand and address climate-related risks from contaminated and remediated sites

6. **Increase coordination on infrastructure investments:** Coordinate infrastructure investments to ensure that investments are resilient and do not decrease resilience of other infrastructure

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Scenario 1
Local Responsiblity

- Adopt new state model Code Coordinated Flood Damage Prevention Ordinance

- Update Stormwater Management Ordinance to align with state guidance / rules (NJPACT), and implement more restrictive definitions

Scenario 2
Shared Goals

- Incorporate tailored resilience standards into area-specific Redevelopment Plans, including:
  - Increased standards for GI and onsite stormwater management
  - Higher elevation standards / dry access & egress standards
  - Design guidelines for maintaining active streetscapes
- Flood overlay zone for green infrastructure
- Incentives for GI (through Stormwater Utility?):
  - Retrofit grants to private properties, GI champions training program

Scenario 3
Coordinated Leadership

- Regional coordination to increase standards beyond minimum statewide standards including:
  - Require disclosure of property flood hazard
  - Standards for cumulative substantial improvements, and/or lower substantial improvement threshold
  - Limits on enclosures below BFE
  - Higher elevation requirements
  - Define flood elevations and require compliance in 500-yr floodplains
- Ensure LTCP projects are designed for climate change

POLICY AND GOVERNANCE

1. Goal: Incorporate resilience in new development & construction

Scenario 1
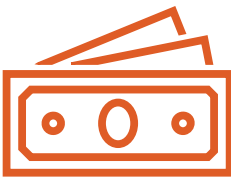Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

POLICY AND GOVERNANCE
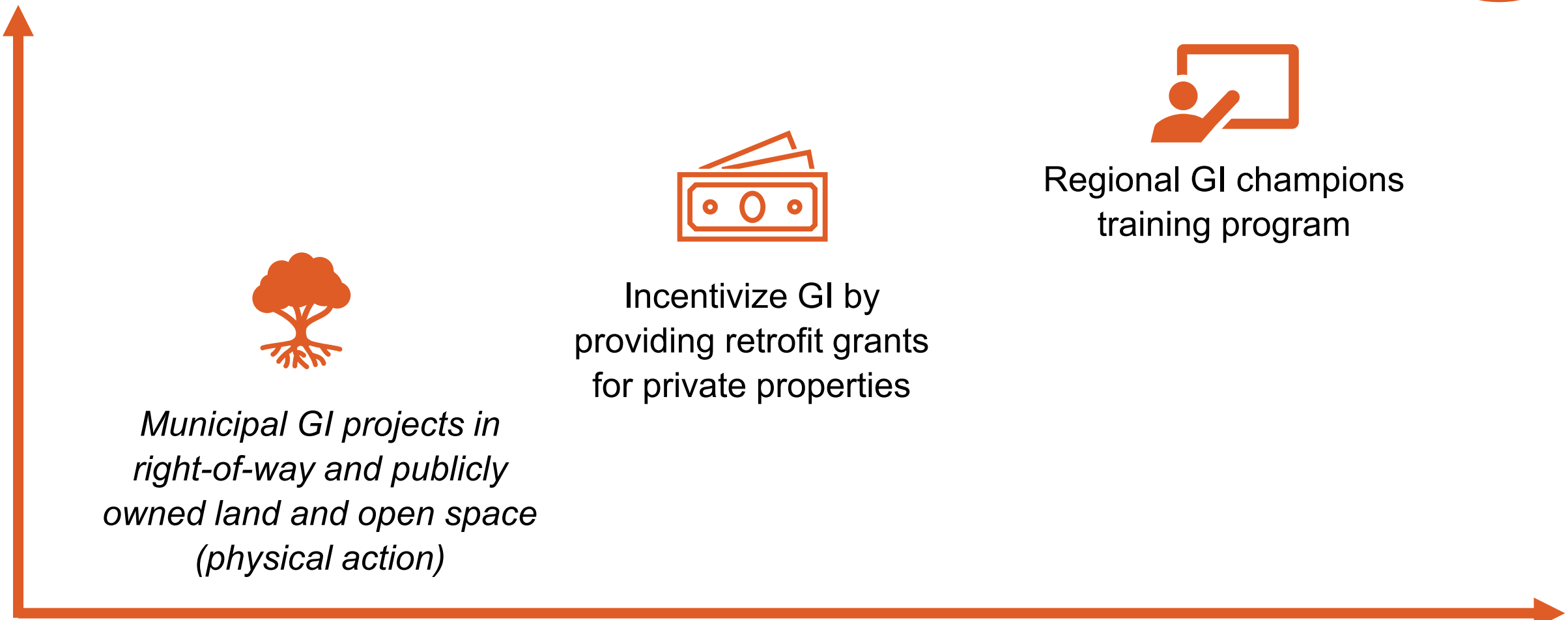
Municipal GI projects in right-of-way and publicly owned land and open space (physical action)

Incentivize GI by providing retrofit grants for private properties

Regional GI champions training program

2. Goal: Increase small scale GI
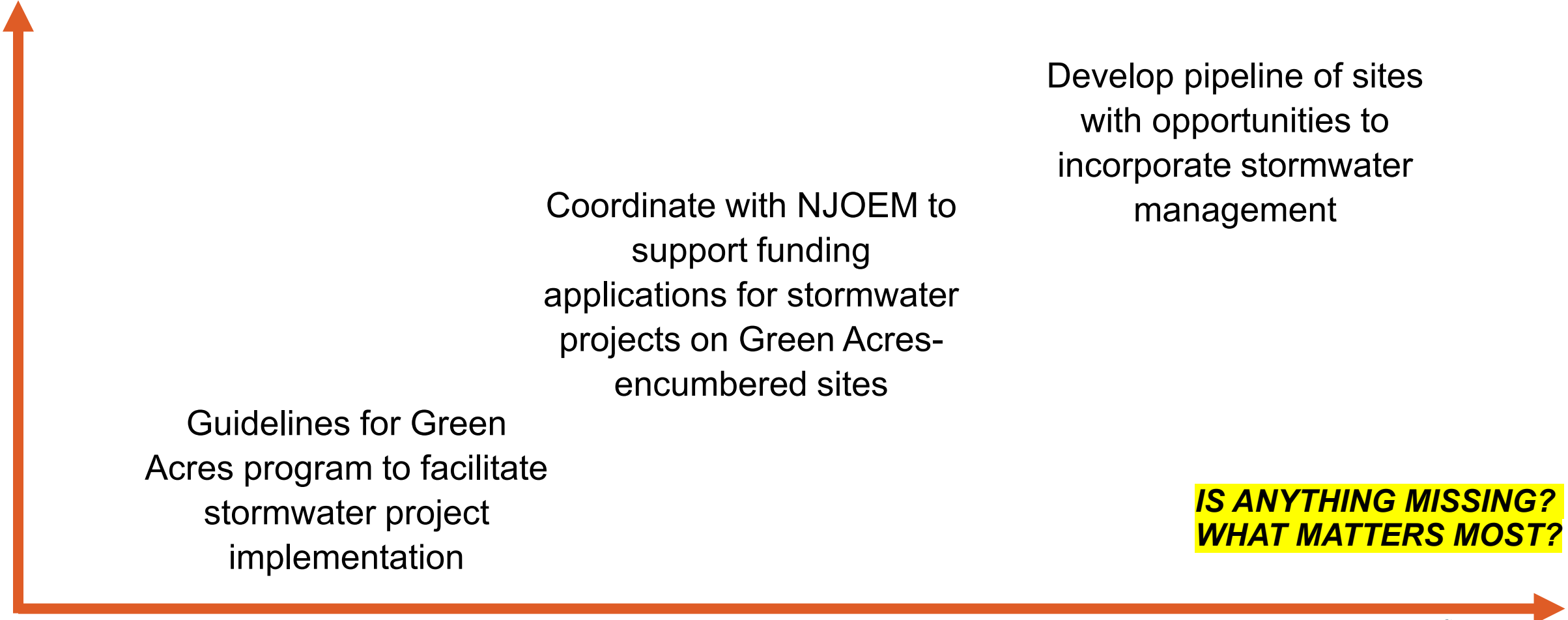
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Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

POLICY AND GOVERNANCE

Develop pipeline of sites with opportunities to incorporate stormwater management

Coordinate with NJOEM to support funding applications for stormwater projects on Green Acres-encumbered sites

Guidelines for Green Acres program to facilitate stormwater project implementation

IS ANYTHING MISSING? WHAT MATTERS MOST?

3. Goal: Integrate stormwater management in open space

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Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

POLICY AND GOVERNANCE

Develop pipeline of sites that could go through resilient transformation process

Coordinate and align state funding programs to accelerate resilient transformation of contaminated sites
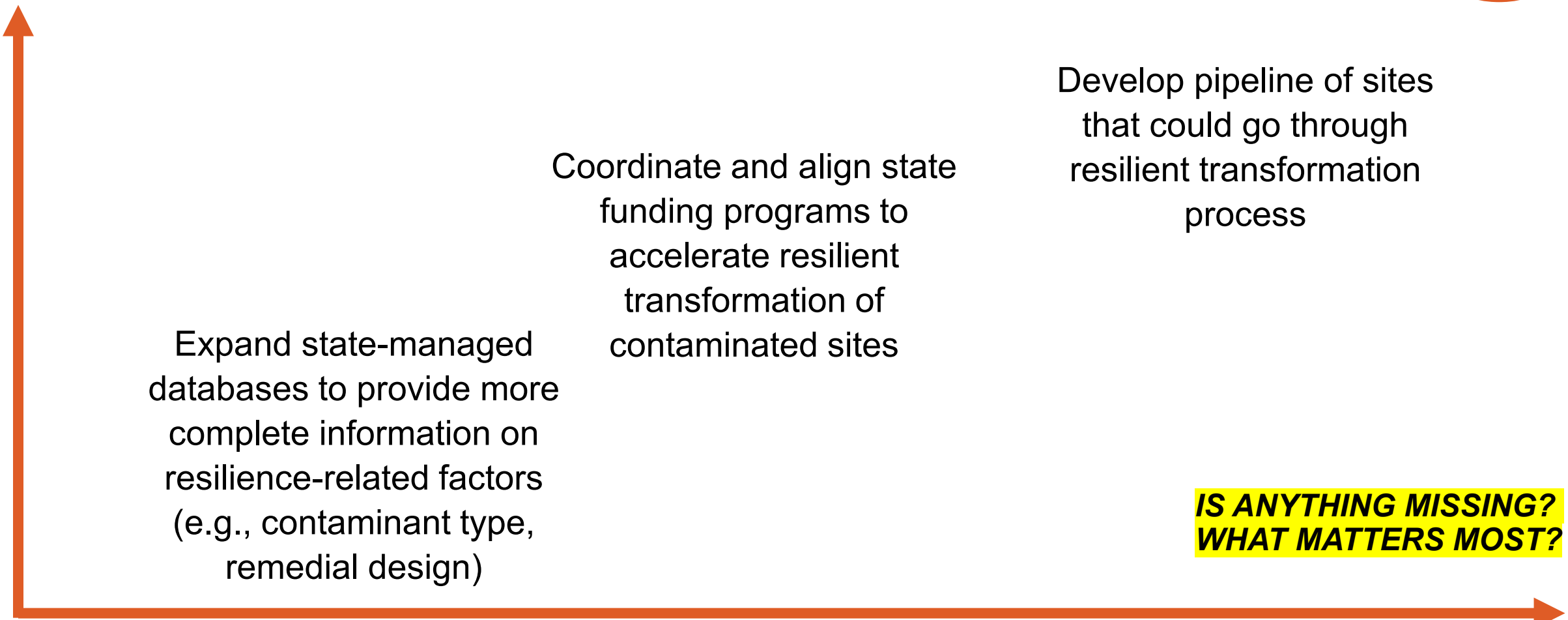
Expand state-managed databases to provide more complete information on resilience-related factors (e.g., contaminant type, remedial design)

IS ANYTHING MISSING? WHAT MATTERS MOST?

4. Goal: Incorporate resilience into contaminated sites

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Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

POLICY AND GOVERNANCE

Development of **municipal or regional** climate risk assessment and action plan for contaminated and remediated sites

Development of **statewide** climate risk assessment for contaminated and remediated sites

IS ANYTHING MISSING? WHAT MATTERS MOST?
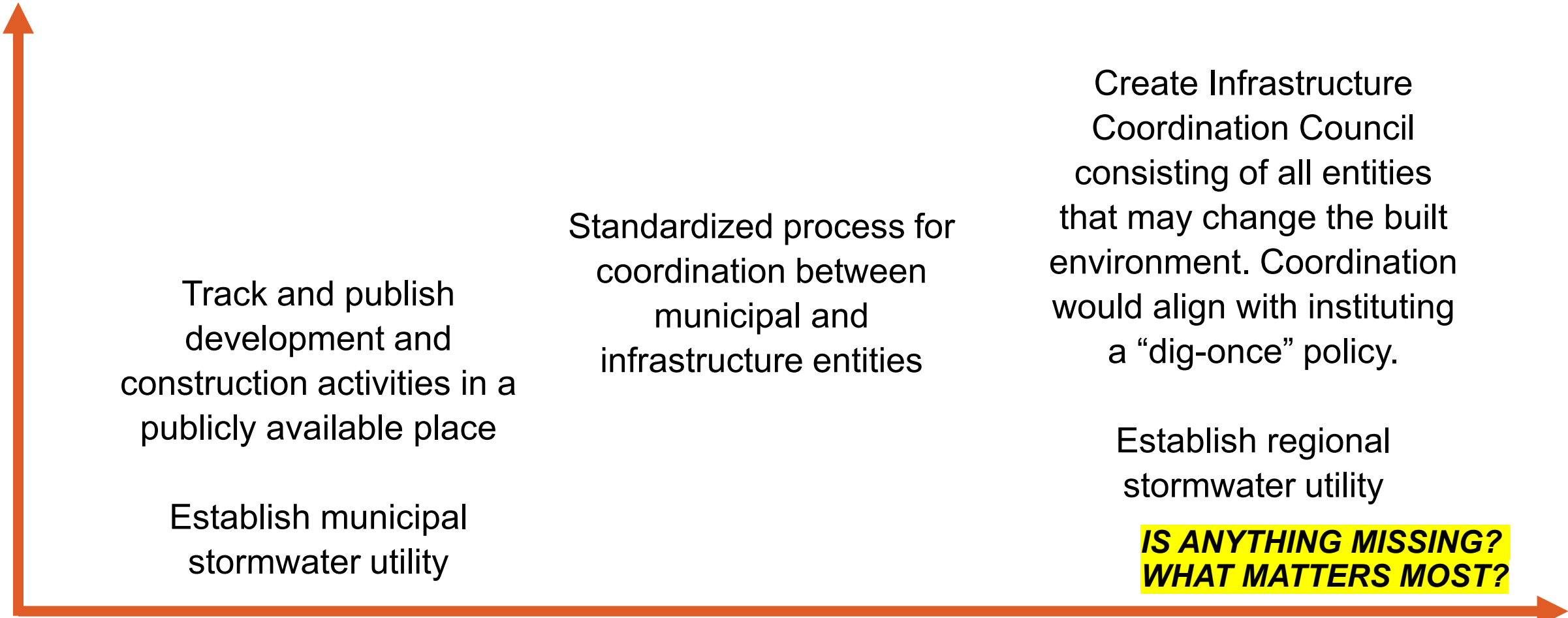
5. Goal: Reduce risk from contaminated sites

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Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

POLICY AND GOVERNANCE

Track and publish development and construction activities in a publicly available place

Establish municipal stormwater utility

Standardized process for coordination between municipal and infrastructure entities

Create Infrastructure Coordination Council consisting of all entities that may change the built environment. Coordination would align with instituting a "dig-once" policy.

Establish regional stormwater utility

IS ANYTHING MISSING? WHAT MATTERS MOST?

6. Goal: Increase coordination on infrastructure investments

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SERVICE AND PROGRAM DEVELOPMENT AND ALIGNMENT

ACTION GOALS

1. **Increase small scale green infrastructure:** Provide opportunities for residents to participate with green infrastructure and increase small scale green infrastructure installations

2. **Create resilience hubs:** Provide multi-purpose spaces that offer educational, sheltering, and risk mitigation benefits

3. **Waste reduction**: Reduce community waste to create cleaner streets and reduce impacts to stormwater systems

IS ANYTHING MISSING?
WHAT MATTERS MOST?

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Scenario 1
Local Responsiblity

Scenario 2
Shared Goals

Scenario 3
Coordinated Leadership

SERVICE AND PROGRAM DEVELOPMENT

Rain barrel distribution & guide for installation

Regional tree planting program

1. Goal: Increase small scale GI

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Scenario 1
Local Responsiblity

Scenario 2
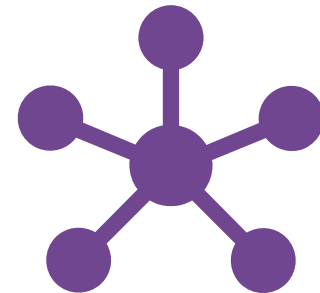Shared Goals

Scenario 3
Coordinated Leadership

SERVICE AND PROGRAM DEVELOPMENT

Resilience hubs at city-agency properties

Partner with non-profits to manage resilience hubs and offer climate-related programming

Regional network of resilience hubs

2. Goal: Create Resilience Hubs

IS ANYTHING MISSING? WHAT MATTERS MOST?

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Scenario 1
Local
Responsiblity

Scenario 2
Shared
Goals

Scenario 3
Coordinated
Leadership

SERVICE AND PROGRAM DEVELOPMENT

Municipal trash clean-up / catch basin program & waste reduction campaign

Municipal composting program in partnership with housing complexes

Trash clean-up days and community gardens through partnerships

3. Goal: Waste Reduction

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NEXT STEPS

Developing detailed program outlines & policy recommendations

Youth engagement and video series

DRAFT risk assessment and scenarios

Municipal-level community meetings

DISCUSSION & QUESTIONS