

# Successful Long Range Planning An Uncertain Future, A New Perspective

**NYSAMPO Conference**

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**TY·LIN** INTERNATIONAL

engineers | planners | scientists

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# Thoughts on Long Range Transportation Planning

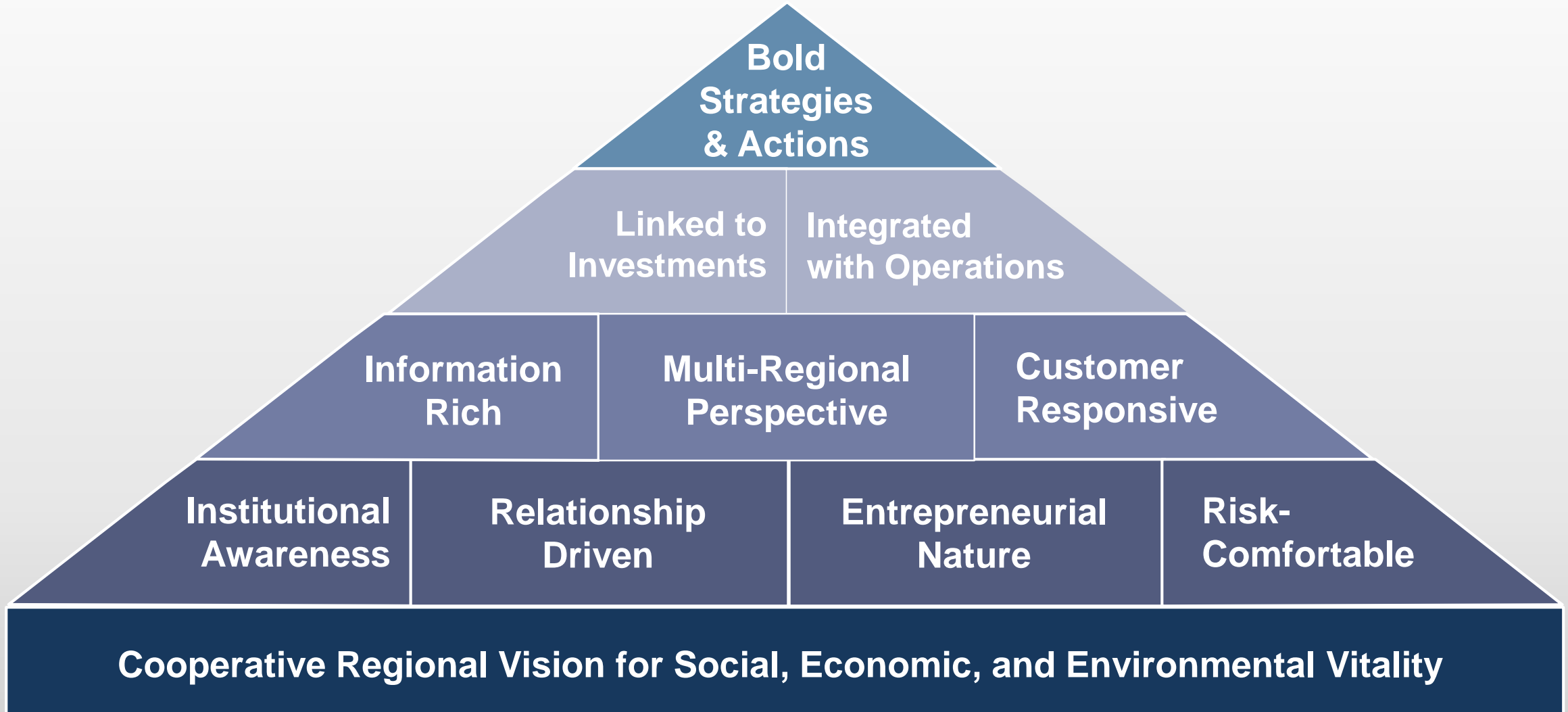
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***It is always wise to look ahead, but difficult to look further than you can see.***

-- Winston Churchill



# Long Range Transportation Planning Pyramid of Success



# Long Range Transportation Planning Pyramid of Success

## Cooperative Regional Vision for Social, Economic, and Environmental Vitality

- ▶ Grounded in quality of life, economic development, and sustainability
  - ▶ What we say versus what we do
  - ▶ Where we are going versus where we want to go
  - ▶ What we can and should do differently
  - ▶ How we can measure what we are doing

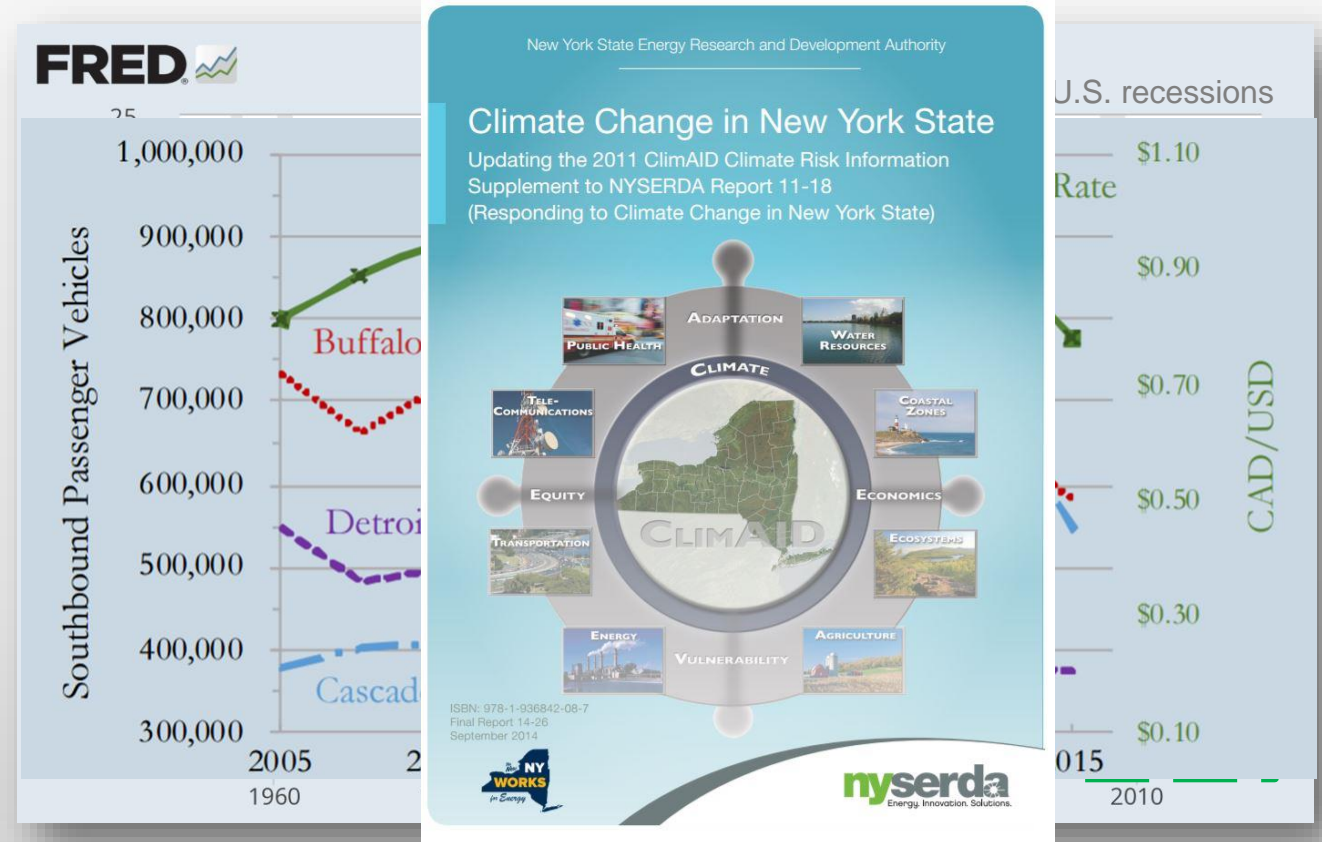




# Long Range Transportation Planning Pyramid of Success

## Institutional Awareness

- ▶ What we can influence
- ▶ What is exogenous
  - ▶ Monitored and incorporated
- ▶ What functions and associated structures will be needed



# Long Range Transportation Planning Pyramid of Success

## Relationship Driven

- ▶ Elected & Appointed Leaders
- ▶ Peers at Relevant Agencies
- ▶ Involved in Long Range Transportation Planning Process and vice versa



# Long Range Transportation Planning Pyramid of Success

## Entrepreneurial Nature

- ▶ We live in an era of disruption and that is not going to change any time soon
  - ▶ Disruptive has a negative connotation for a reason
- ▶ New ways of viewing current and future SWOTs



# Long Range Transportation Planning Pyramid of Success

## Risk-Comfortable

- ▶ Neither Risk-Friendly nor Risk-Averse
  - ▶ Simply part of doing business in an environment of rapid change
- ▶ Key is managing it cost-effectively

Identify Risks

Screen Risks Qualitatively

Analyze Risks Quantitatively

Develop and Implement Responses

Monitor Outcomes



# Long Range Transportation Planning Pyramid of Success

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Information  
Rich

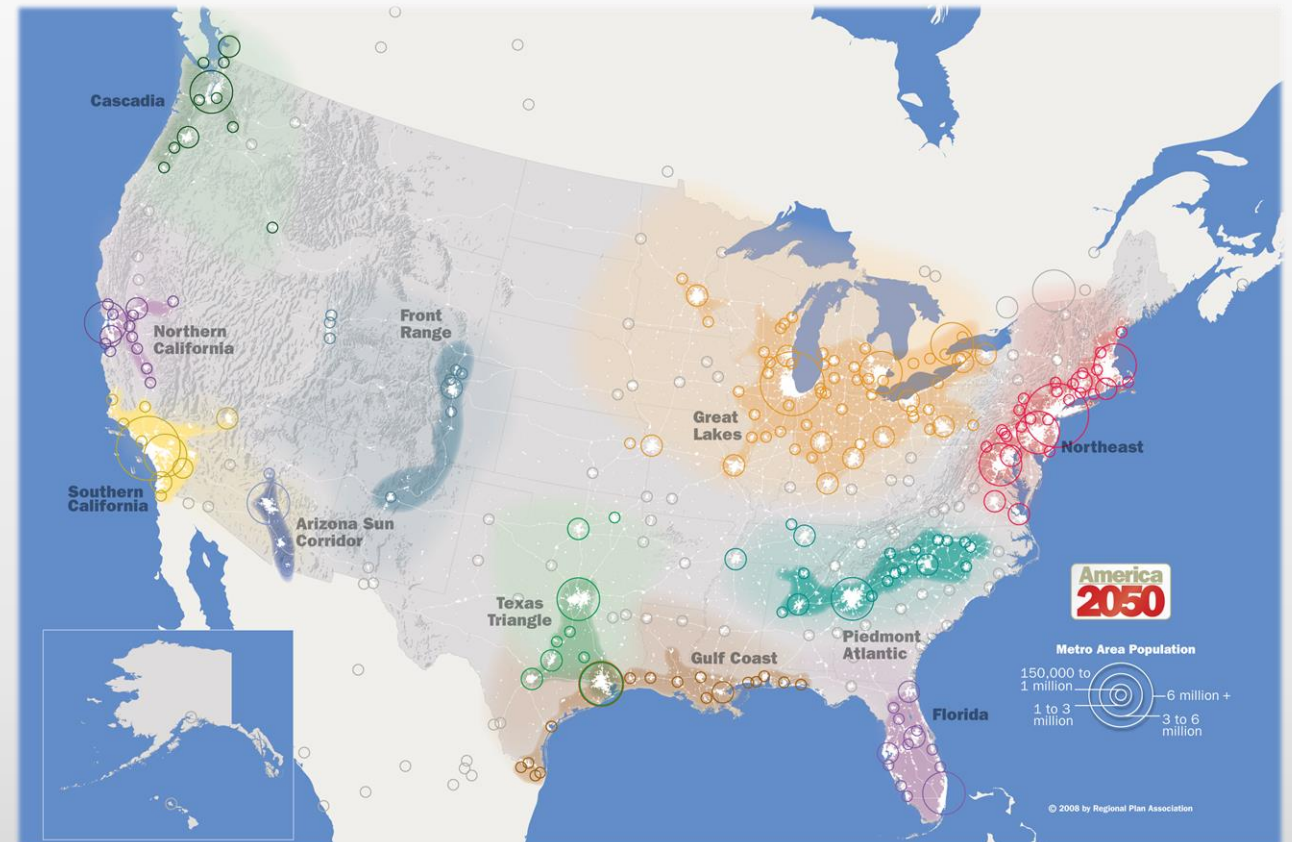
- ▶ Big data is meaningless
  - ▶ Requires ability to not only manipulate it but also interpret it
- ▶ Analysis can never replace planning
- ▶ Must not become “Action Poor”

Data  
Rich  
Information  
Poor

# Long Range Transportation Planning Pyramid of Success

## Multi-Regional Perspective

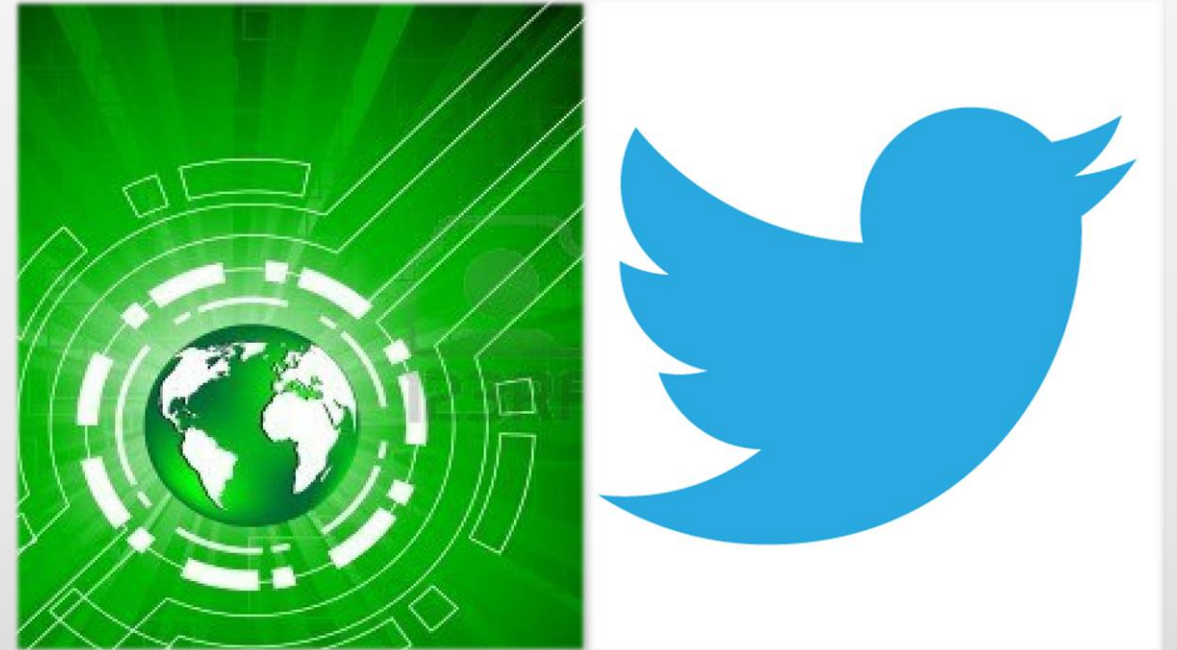
- ▶ Agglomeration Economies
  - ▶ Availability of Customers
  - ▶ Requisite Labor Force
  - ▶ Clusters/Connected Industries



# Long Range Transportation Planning Pyramid of Success

## Customer Responsive

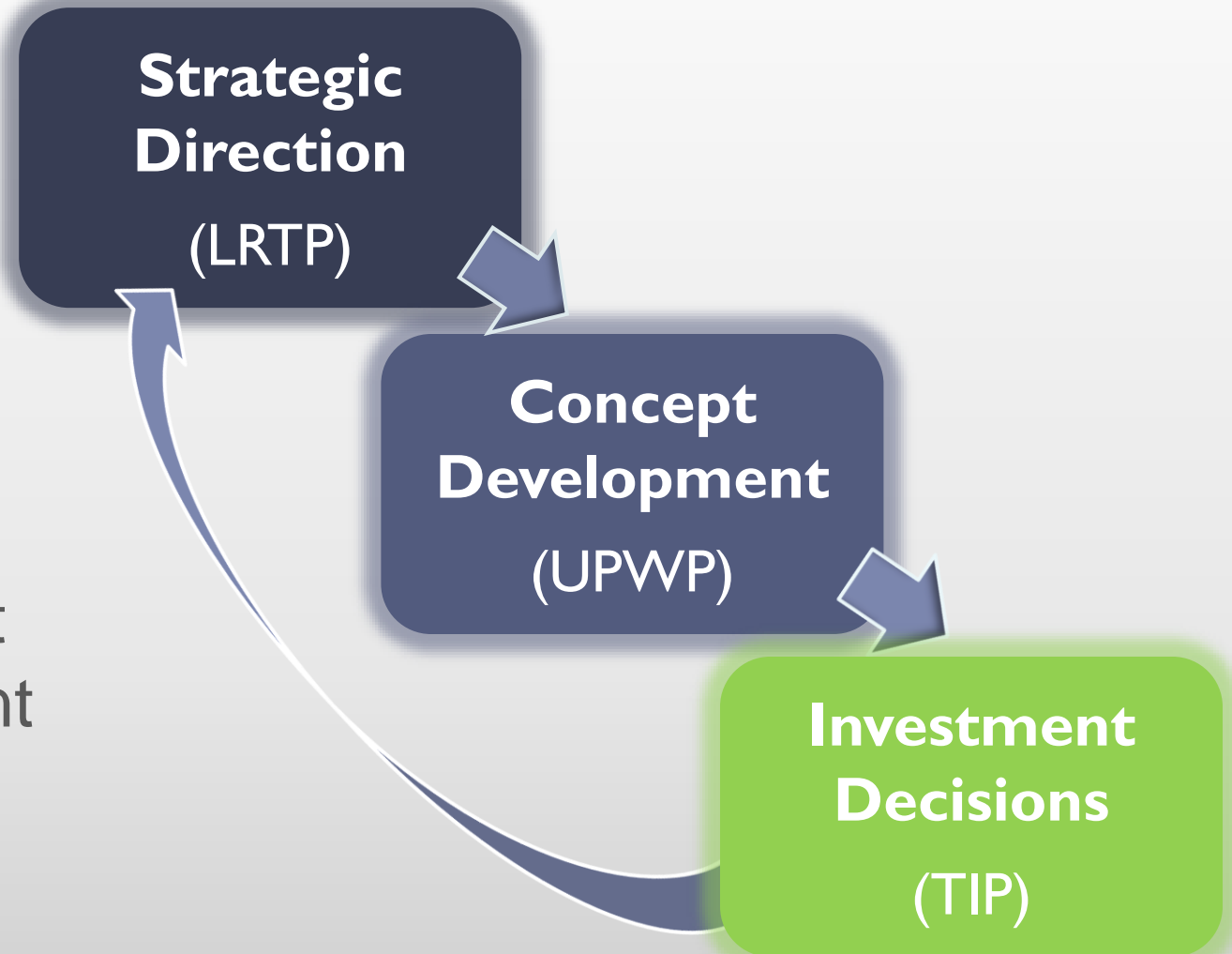
- ▶ Nearly 90 percent of Americans are online
  - ▶ Almost 80 percent own smartphones
- ▶ Completely new set of expectations
  - ▶ Communicate with and involve differently



# Long Range Transportation Planning Pyramid of Success

Linked to  
Investments

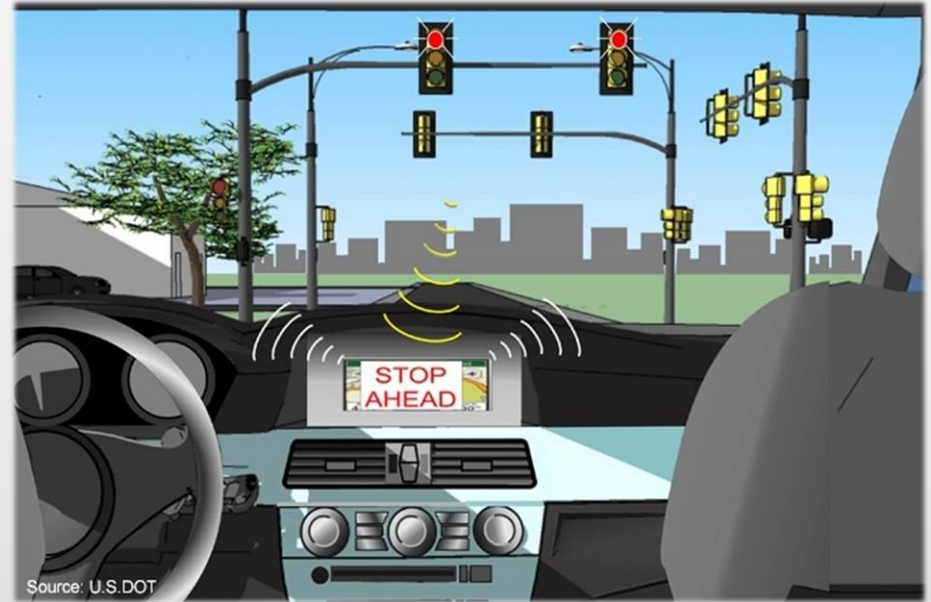
- ▶ Put your money where your mouth plan is
- ▶ Diminishes the relevancy of the plan if not accomplished
- ▶ The most important element of performance management



# Long Range Transportation Planning Pyramid of Success

## Integrated with Operations

- ▶ Emphasize the “what” not the “how”
- ▶ Move beyond the “Golden Hammer”
- ▶ Increase exposure to decision makers
- ▶ Pay attention to the Regional ITS Architecture





# Long Range Planning Pyramid of Success

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**Bold  
Strategies  
& Actions**

***If you limit your choice only to what seems possible or reasonable, you disconnect yourself from what you truly want, and all that is left is a compromise. The human spirit will not invest itself in a compromise.***

-- Robert Fritz



# Long Range Planning Pyramid of Success

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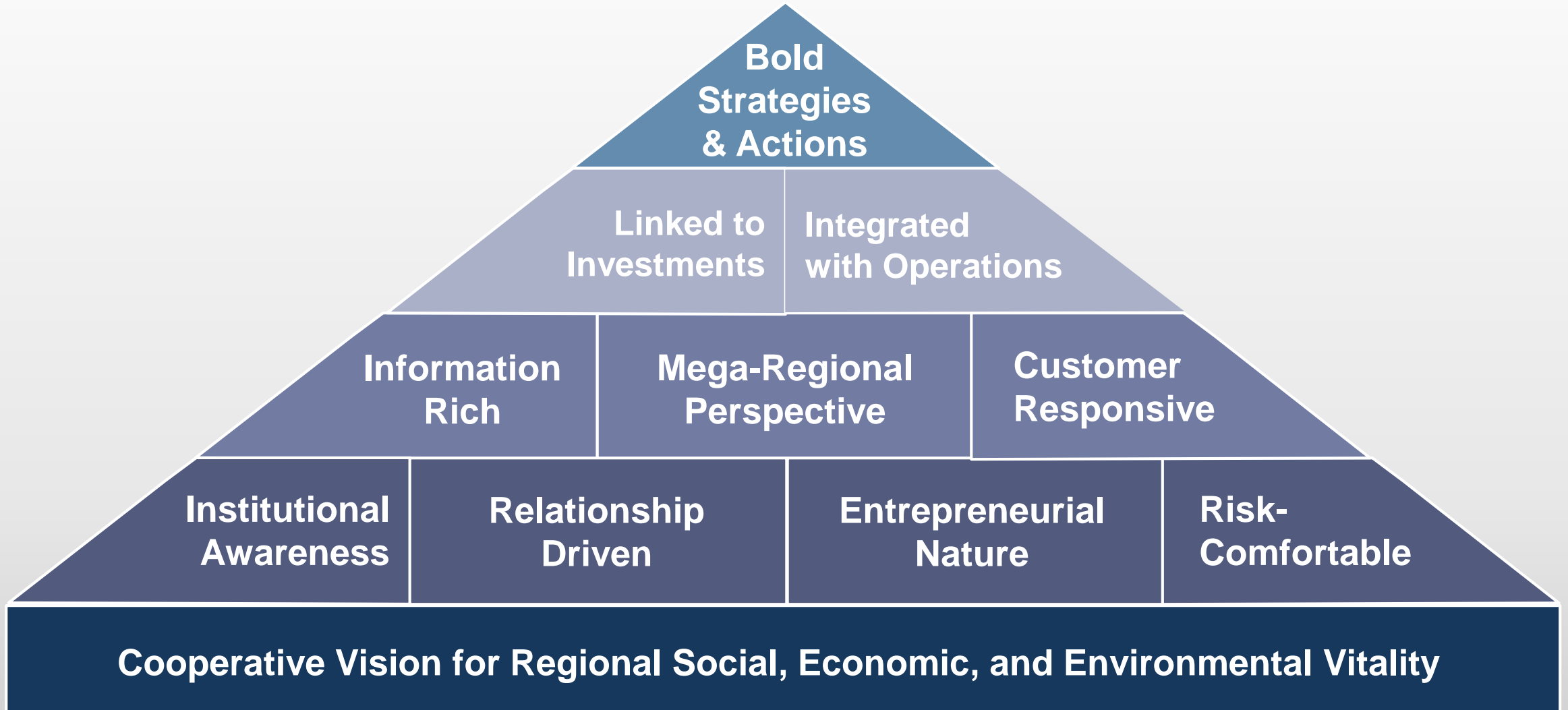
**Bold  
Strategies  
& Actions**

***Make no little plans; they  
have no magic to stir  
men's blood...Make big  
plans; aim high in hope  
and work.***

-- Daniel Burnham



# Long Range Planning Pyramid of Success



The background of the slide is a photograph of a city street. In the foreground, there are several cars parked along the side of the road. In the background, there are tall buildings and a bridge. The image is slightly faded to make the text stand out.

# Thank You

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