



**Connections 2045: Updating
Greater Philadelphia's Long-
Range Plan**

March 22, 2016



Purpose of Tonight's Meeting

- Kick-off Update to *Connections: Long Range Plan*
- Test Public Outreach Workshop concept, presentations, and small group exercises

WHAT IS DVRPC?

- Federally-designated MPO for nine-county Philadelphia region
- Created in 1965
- Plan for “orderly growth and development”
- Transportation, land use, open space, housing and economic development
- Long-Range Plan: Connections 2040
- By July 2017, Long-Range Plan: Connections 2045



REGION BY THE NUMBERS



Population =
5.5 million people

Employment =
2.8 million jobs

Land area =
over 3,800 square miles

Daily traffic =
112 million VMT

Transit =
1 million trips per day

THE REGION (30,000 FOOT VIEW)



MPO FEDERAL REQUIREMENTS

- Long-Range Plan - \$63B (long term; 20+ years)
- Transportation Improvement Program - \$7B (medium term; 4 to 12 years)
- Annual Planning Work Program (short-term; year-to-year)
- Congestion Management Process
- Air Quality Program
- Public Participation Process

MPO PLANNING FACTORS

- Economic Vitality
- Safety
- Security
- Accessibility and Mobility of People and Freight
- Environmental and Energy Sustainability
- Enhanced Integration and System Connectivity
- Efficient System Management and Operations
- Preservation of the Existing System
- Air Quality Program
- Resiliency and Reliability
- Travel and Tourism

LONG-RANGE PLAN



CONNECTIONS *2040*

PLAN FOR GREATER PHILADELPHIA

fostering sustainability, equity and innovation



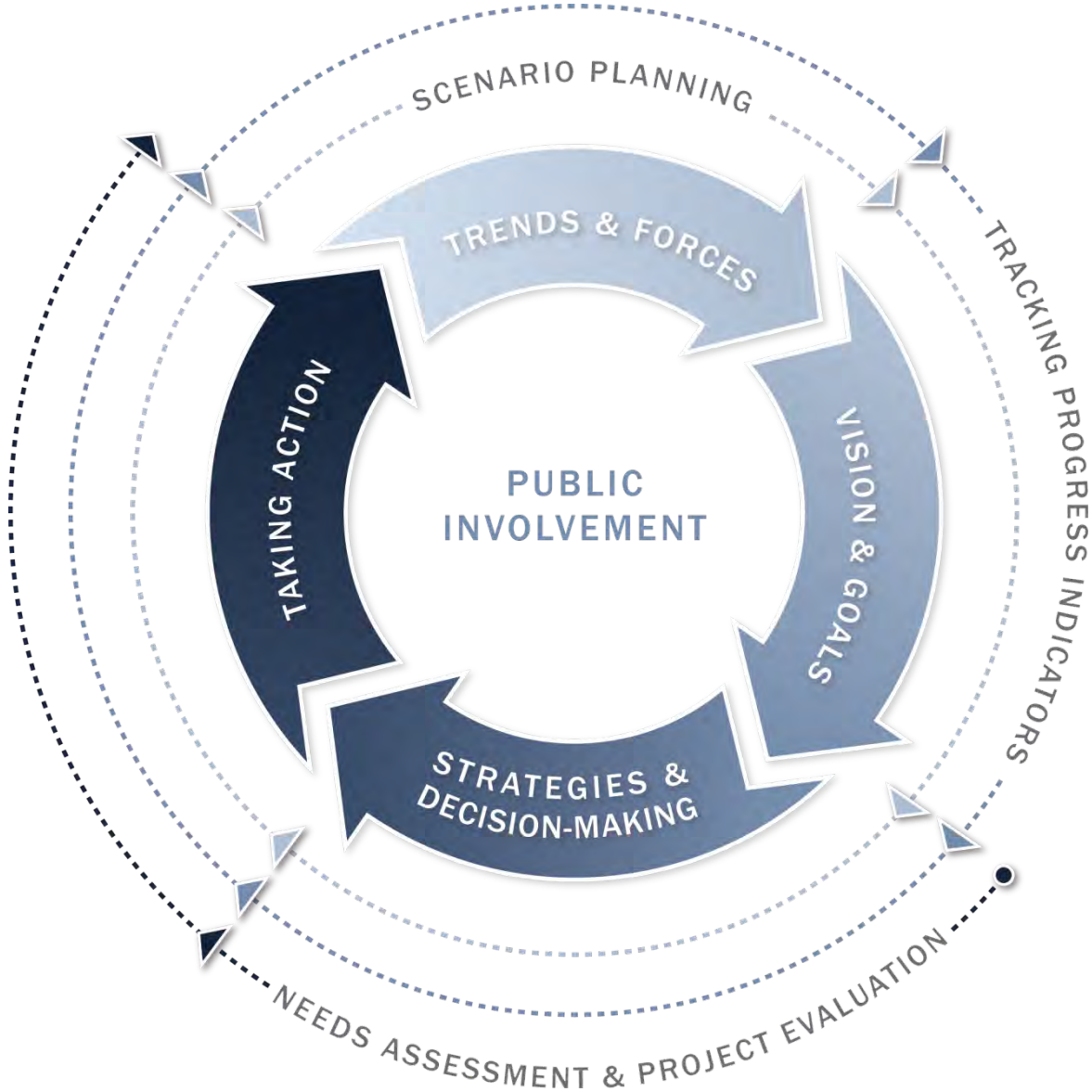
CONNECTIONS

2045

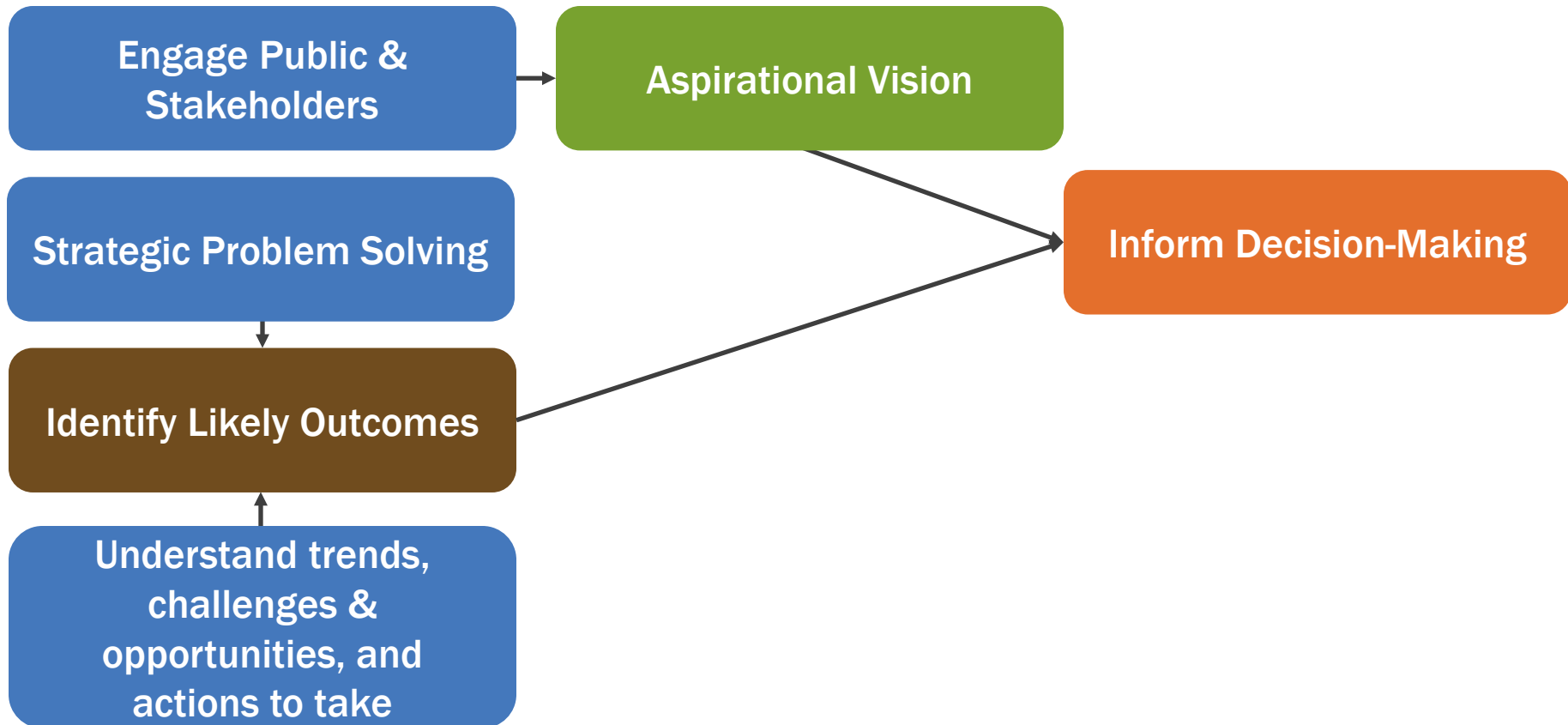
Plan for Greater Philadelphia



Long-Range Planning



Another Way to Look at It...



Small Group Exercise #1

Public Participation Task Force I 03.22.2016

CONNECTIONS
2045

Greater Philadelphia
**FUTURE
FORCES**

DELAWARE VALLEY
 **dvrpc**
REGIONAL
PLANNING COMMISSION



🏠 LIVABLE COMMUNITIES

💎 GROWTH MANAGEMENT

💰 ECONOMIC COMPETITIVENESS

★ TRANSPORTATION

FUTURE FORCES

POLITICAL

SOCIAL

ENVIRONMENTAL

TECHNOLOGICAL

ECONOMIC



🏠 LIVABLE COMMUNITIES

💎 GROWTH MANAGEMENT

💰 ECONOMIC COMPETITIVENESS

🚗 TRANSPORTATION

Greater Philadelphia Futures Group



Forces the Futures Group Identified:



People and jobs moving to walkable centers is the start of a long-term trend.



Increased outsourcing and automation means individuals must create their own economic opportunities.



Continued rise in atmospheric carbon levels lead to significant disruptions from climate change.



Smartphones, apps, and real-time info help people get around using new and existing transportation modes.



An abundance of domestically produced oil and natural gas keeps the cost of energy low.

...ut the future.”

Yogi Berra? Samuel Goodwyn? Robert Storm Petersen? Mark Twain?

- Originally a Danish Proverb

What-if Scenario



© BLT ARCHITECTS 2014

Image: BLT Architects



Walkable Centers



What-if Scenario



Image: SHoP Architects, West 8



Urban Theme Parks

What-if Scenario



Photo: Benjamin's Desk



FOR HIRE

THE FREE AGENT ECONOMY

Careers → Jobs → Gigs

What-if Scenario



Photo: University of Pennsylvania



FOR HIRE

THE FREE AGENT ECONOMY

Universities Disrupted
& Reimagined

What-if Scenario



Photo: <http://devpolicy.org/ngos-climate-aid-and-chinas-change-of-heart-20141021/>



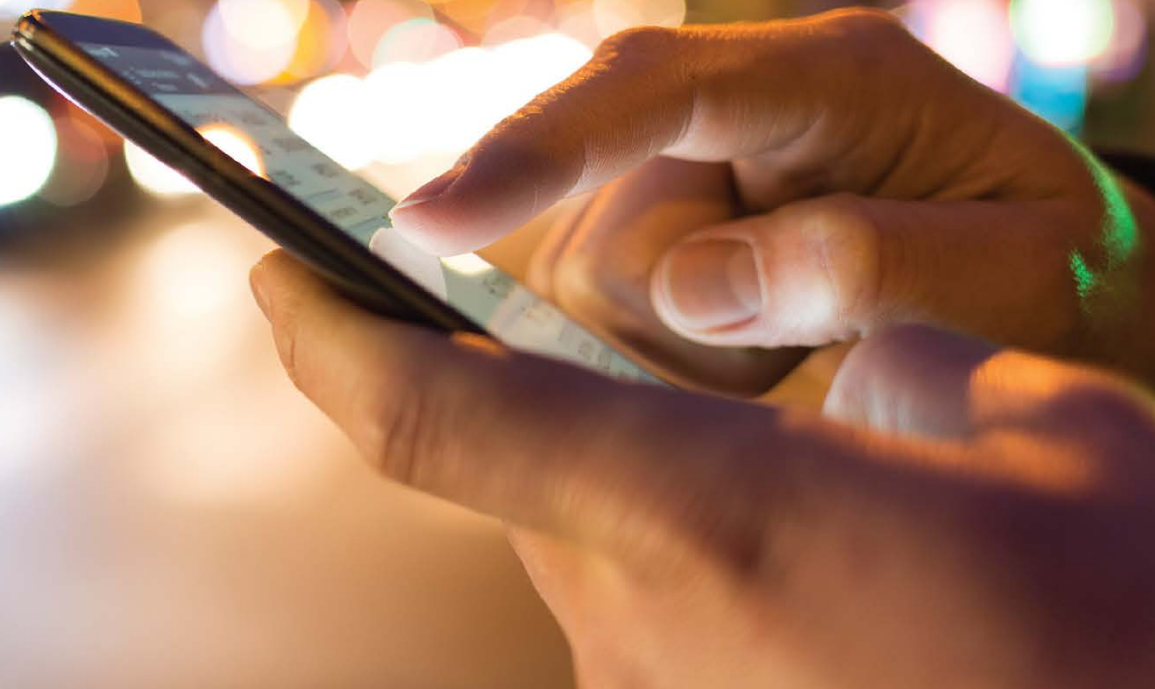
Rampant climate change around the world

What-if Scenario



The region's forecast: hotter and wetter weather

What-if Scenario



**TRANSPORTATION
ON DEMAND**

Mobility as a Service

What-if Scenario



Photo: Google



**TRANSPORTATION
ON DEMAND**

Internet of Things

Robotics & Artificial Intelligence

→ Autonomous Vehicles

What-if Scenario



Increased Global Trade

What-if Scenario



Photo: Philadelphia Energy Solutions



Growth Around
Energy Hub

Future Forces:



People and jobs moving to walkable centers is the start of a long-term trend.



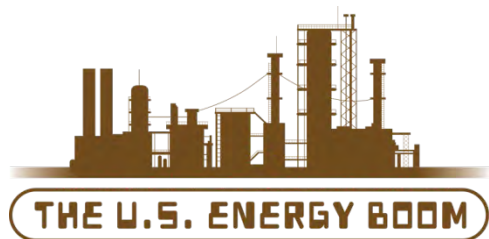
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