

ON TO 2050

Alternative Futures Scenario Planning

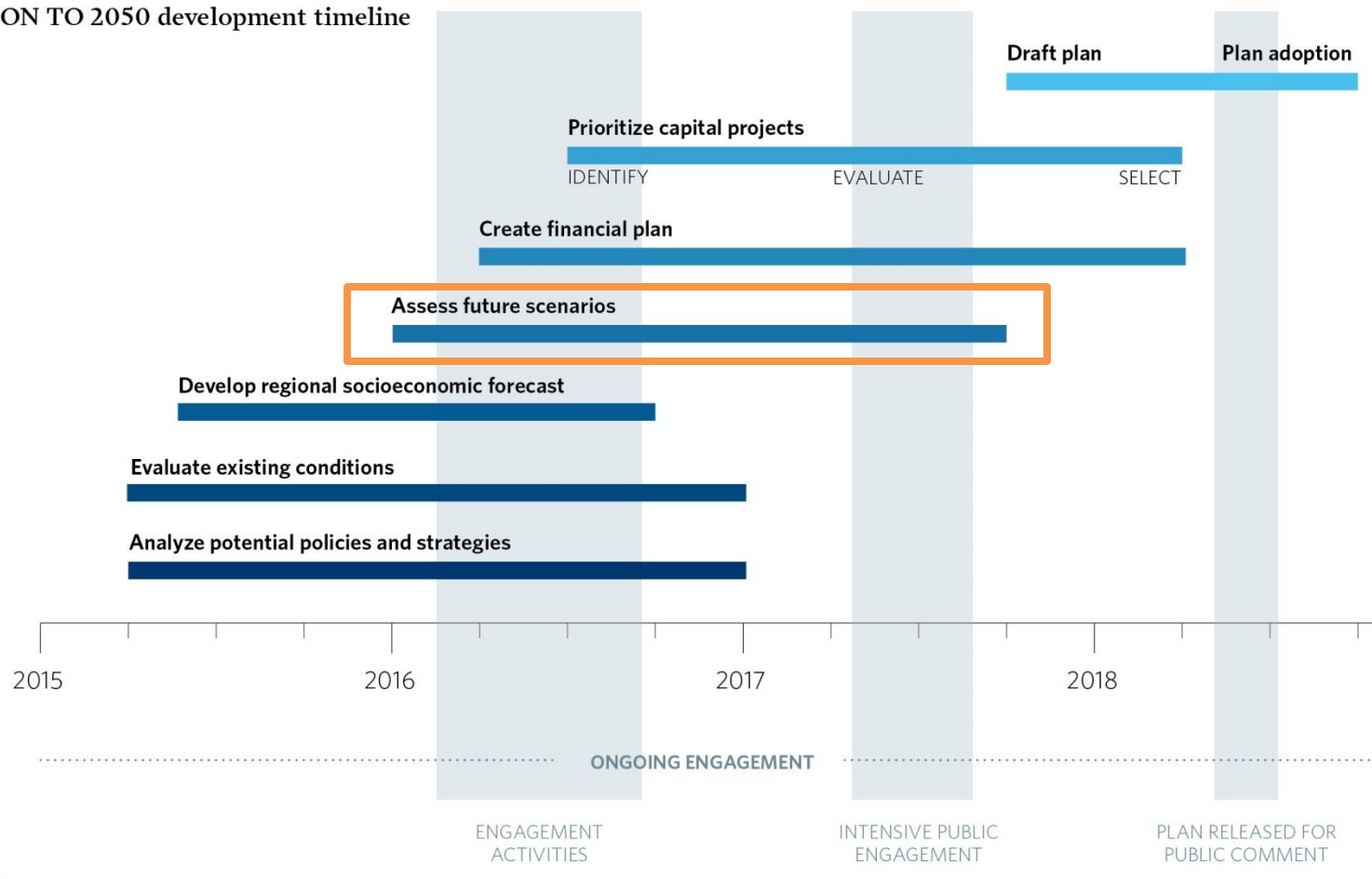
July 7, 2016

Agenda

1. Intro to scenario planning
2. Primary uses of scenario planning
3. Scenario planning in GO TO 2040
4. Alternative futures scenario planning in ON TO 2050
5. Next steps

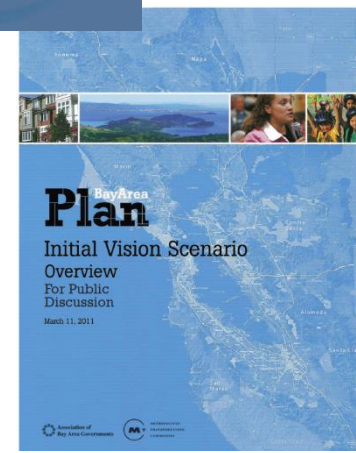
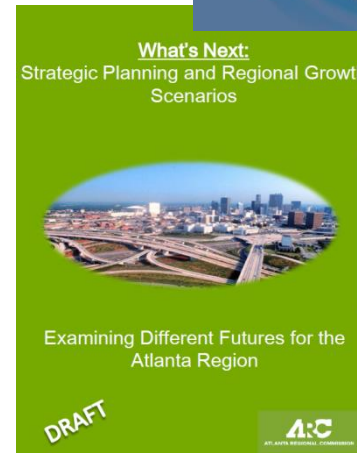
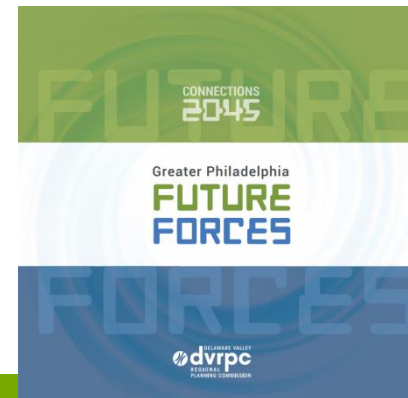
ON TO 2050 Development Process

ON TO 2050 development timeline



What is scenario planning?

- Analytical tool to prepare for the future, providing a framework to:
 - Understand trends
 - Assess policies and strategies to plan for impacts of forces
- Approach can be used for
 - Decision-making
 - Plan-making
 - Prioritization
 - Oversight
 - Testing
 - Conversation
- Commonly used by
 - MPOs
 - Private sector
 - Other entities at various scales



Primary benefits of scenario planning

- Focus systematically on trends
- Illuminate desired futures
- Examine potential paths
- Learn without risk
- Prepare for the future
 - Mitigate risk
 - Adapt
 - Be opportunistic
- Complement planning processes
- Engage many stakeholders in conversation



Image source: CMAP kiosk for GO TO 2040

Scenario planning in GO TO 2040

- Assessed strategies related to land use, transportation, economic development, and the environment to understand possible outcomes
- **3 scenarios** asked “What if we...”

Reinvest

Rebuild current infrastructure

Preserve

Keep assets and character intact

Innovate

Rely on innovation and technological improvements

- The **Preferred Scenario** collected the best strategies from each scenario

Potential outcomes of scenarios in GO TO 2040

Sample outcomes based on current trends	Scenarios		
	Reinvest	Preserve	Innovate
<i>Infill</i> Around 2/3 of growth will occur in an infill location	Improves	Improves slightly	Stays the same
<i>Land Consumption</i> The region will lose 490,000 acres of farmland & 190,000 acres of open space	Improves	Improves greatly	Improves

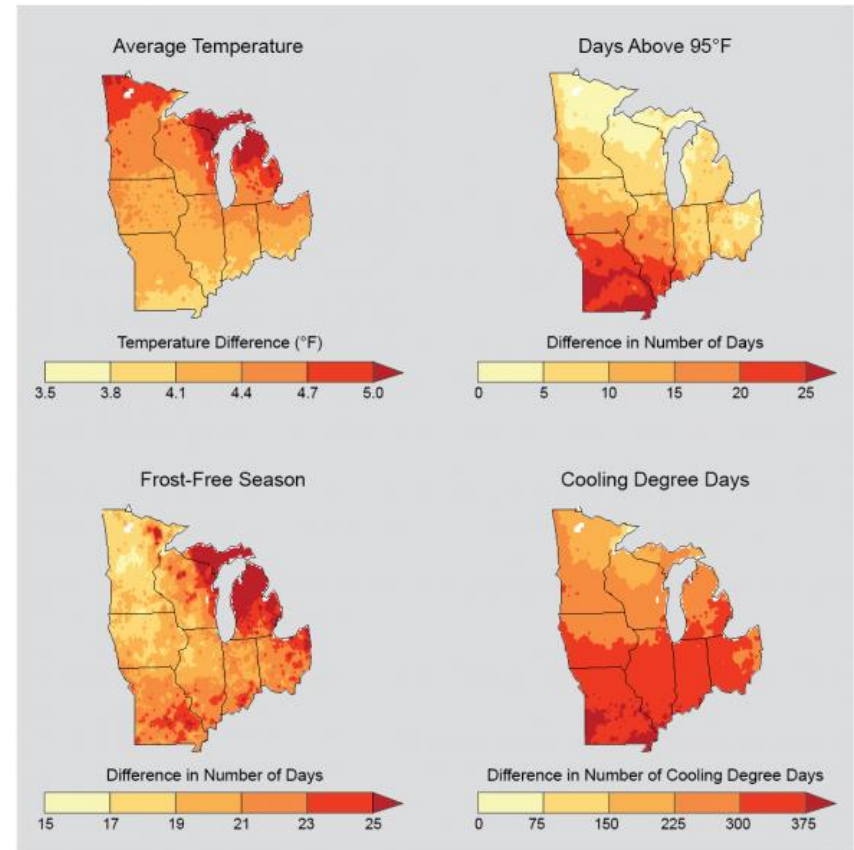
Alternative Futures scenario planning in ON TO 2050

- Continue GO TO 2040 emphases and explore new policy areas
- Focus on 5-8 macro level trends
- Identify policies and strategies to respond to macro level changes
 - Prepare
 - Mitigate
 - Capitalize
- Prioritize strategies benefitting multiple futures
- Robust analyses primarily through qualitative research
 - When possible and most useful, quantitative and spatial analyses
- Provide vehicle for discussion

Alternative Futures scenario planning in ON TO 2050

- Some potential topics
 - Climate change
 - Transportation innovations
- Convene experts to ID trends and strategies
 - Likelihood
 - Impact
 - Technical capacity

Projected Mid-Century Temperature Changes in the Midwest



Source: 2014 National Climate Assessment, Kenneth Kunkel, Cooperative Institute for Climate and Satellites – North Carolina, <http://nca2014.globalchange.gov/report/regions/midwest>.

Example of Alternative Future planning: Future Forces, Delaware Valley Regional Planning Commission, 2016

- Scenario planning for Connections 2045
- Identified 5 main trends (“structuring forces”)
 - High likelihood + high impact
- Determined strategies
 - “Universal actions” - Positive impact to **all** forces
 - “Contingent actions” - Specific to force

Five structuring forces for the Greater Philadelphia Region



Source: Greater Philadelphia Future Forces, Delaware Valley Regional Planning Commission, 2016

Proposed scenario planning timeline

May – August 2016.....	Define topics for the alternative futures process
August 2016	Select key alternative futures for analysis
Sept. 2016 – March 2017 ...	Develop alternative futures and prepare for public outreach
April – May 2017	Finalize outreach plan and materials
June – August 2017	Public workshops on alternative futures

ONTO 2050

Questions?

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