

ON TO 2050

Alternative Futures Recommended trends

September 26, 2016

Agenda

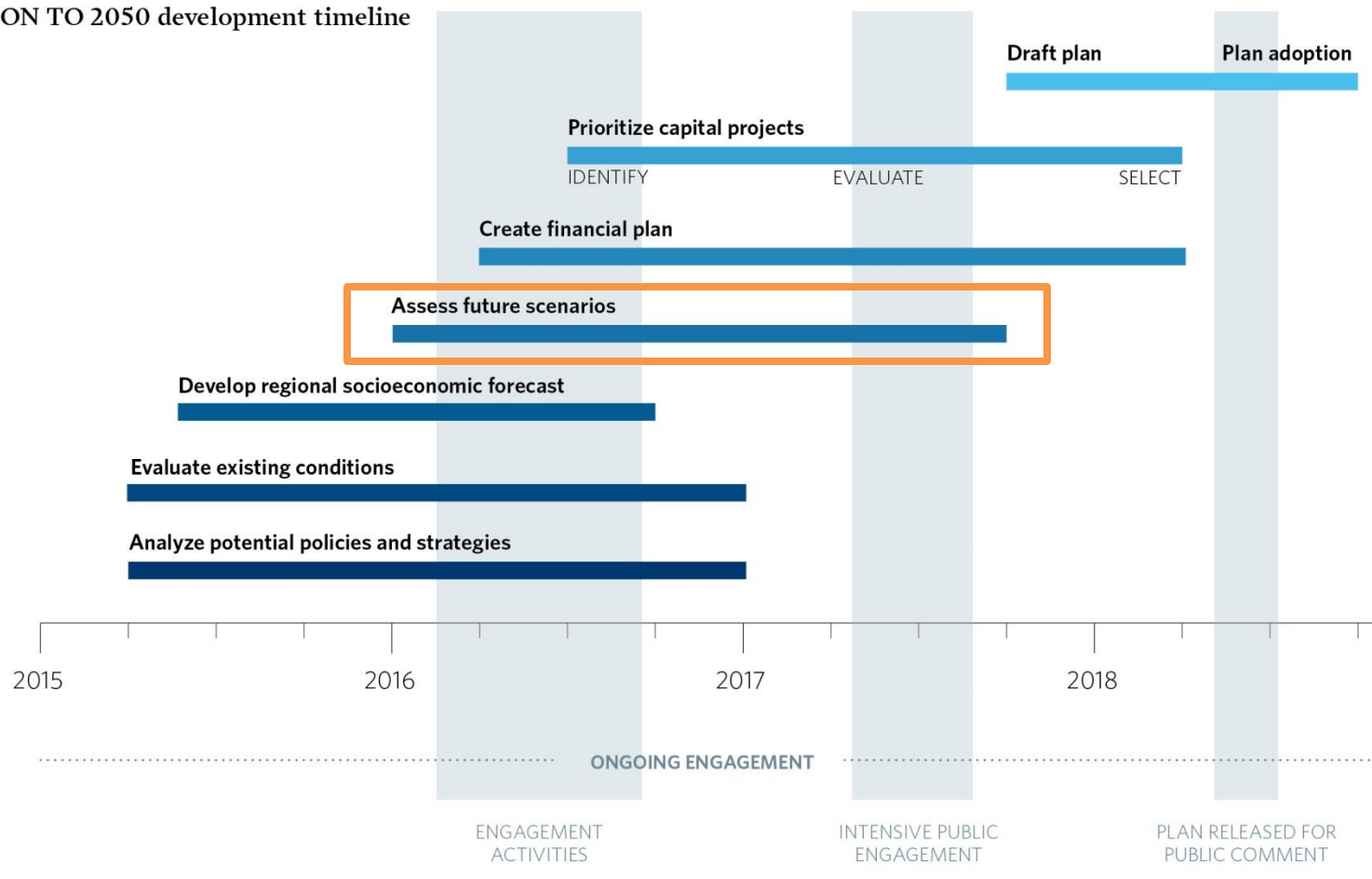
- I. What is Alternative Futures?
- II. Development of trends
- III. Introduction to trends
- IV. Background trends
- V. Next steps

What is Alternative Futures?

- **Analytical tool** to prepare for the future, providing a framework to:
 - Understand trends
 - Assess policies and strategies to plan for impacts
- Focus on **macro** level trends to help region...
 - Prepare
 - Mitigate
 - Capitalize
- **Prioritize** strategies benefitting multiple futures
- Robust analyses primarily through **qualitative** research
 - Complete quantitative and spatial analyses when possible and useful
- Provide vehicle for **discussion**

ON TO 2050 Development Process

ON TO 2050 development timeline



Development of alternative future trends

1) In-house working sessions with CMAP staff

- Goal: Develop initial list of trends representing possible futures
- Criteria: plausibility, impact, policy links

2) Working session with experts from partner organizations

- Goals:
 - Prioritize and combine 20 initial trends
 - Assess impacts, likelihood, and connections to broader issues
 - Identify missing trends

Initial list of trends

Environment

1. Intensified climate change impacts
2. Constrained water supply
3. Efficient and resilient energy system

Land Use

4. Transitioning agricultural and natural lands
5. Continued preference for suburban lifestyle
6. Investment in mixed-use centers
7. Smarter, more responsive infrastructure and land use planning

Governance

8. Diminished public resources
9. Politically gridlocked region
10. Tech-enhanced active citizenship
11. More regional planning

Demographics

12. Aging region
13. Diversified region

Regional Economy

14. Economically stratified region
15. Economic restructuring
16. Stagnant regional growth

Transportation

17. Increased freight intermodalism
18. Increase transit use, bicycling, and walking
19. Smarter auto-oriented mobility
20. Driverless vehicles

Recommended alternative future trends

- Focus research, analysis, and public engagement on **5** trends
- Each trend will represent ...
 - A possible stand-alone future for the region
 - One or more CMAP policy areas
 - Corresponding CMAP work

Recommended alternative future trends

- 5 recommended alternative future trends
 - Intensified climate change impacts
 - Smarter mobility
 - Preference for mixed-use centers
 - Diminished public resources
 - Economic restructuring

Economic restructuring

- Regional economy transitions from production to service-based economy
- Region remains global leader in freight and logistics
- Demand for higher skilled workers increases
 - Lower skilled workforce unemployment rate increases
- More higher income households in urban core
 - Poverty continues to suburbanize
- Historically marginalized communities continue to suffer

Diminished public resources

- Ongoing fiscal problems constrain public budgets
 - Service provision and infrastructure O&M negatively impacted
- Shifting financial frameworks
 - Greater reliance on local revenue sources and grants
 - Greater use of PPPs and other creative financing structures
- Cross-cutting programs emphasized
- More transparency, more efficiency, and performance-based programming
- More intergovernmental cooperation
- More distinct “haves” and “have-nots” among communities

Preference for mixed-use centers

- Marked preference for walkable, mixed-use communities
 - Growth of satellite cities
 - Denser suburban downtowns and commercial cores
- Office jobs return to urban areas
 - Suburban office parks and strip malls disinvested
- More transit-supportive densities
- More people bike, walk, and take transit
 - Driving and demand for parking decrease

Intensified climate change impacts

- Flooding, drought, and extreme temperatures more frequent and intense
 - Infrastructure and natural systems strained
 - Most vulnerable residents disproportionately impacted
- Habitats and agricultural zones shift and water supply issues exacerbated
 - Economic and environmental challenges and opportunities arise
- Region attracts “climate refugees”
- More efficient, low- and zero-emission energy generation and distribution systems developed

Smarter mobility

- Mobility of people and goods improves
- More accurate, real-time information becomes more accessible
 - Access to technology is unequal
- High-tech intermodal cluster grows in prominence
 - Rail and truck freight traffic and space needs increases
- On-demand products and services increases
 - Cost of driving decreases
 - Growth at suburban edge continues
- Driverless cars proliferate
 - Impacts to public transit are uncertain

Background trends

- Two background trends
 - Demographic shifts
 - Aging population
 - Diversifying population
 - Proliferation of data and information technology
- Incorporate background trends into each future

Next steps

- | | |
|---------------------------|--|
| October 2016 | Collect feedback on recommended alternative future trends |
| Nov. 2016 – March 2017... | Develop alternative futures
Identify and prioritize strategies <ul style="list-style-type: none">• Trend specific strategies• Universal strategies Prepare for public outreach |
| April – August 2017 | Finalize outreach plan
Release trends apps and Metroquest
Host public workshops on alternative futures |

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Questions?

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