Updating Greater Philadelphia’s Long-Range Plan

Public Participation Task Force | 03.12.19
Delaware Valley Regional Planning Commission

- Federally-Designated MPO for Nine-County Philadelphia Region in PA and NJ
- Created in 1965 to Plan for the “Orderly Growth and Development” of the Region
- Short, Medium, and Long-Term Transportation Plans Provide Funding for Projects
- Board Members Include States, Counties, Cities, and Transportation Agencies
Long-Range Planning
Land Development
Greenhouse Gas Emissions

- **2005**
  - OTHER: 28 MMT CO2e
  - NATURAL GAS: 14 MMT CO2e
  - ON-ROAD VEHICLES: 22 MMT CO2e
  - ELECTRICITY: 30 MMT CO2e
  - Total: 95 MMT CO2e

- **2010**
  - OTHER: 14 MMT CO2e
  - NATURAL GAS: 22 MMT CO2e
  - ON-ROAD VEHICLES: 22 MMT CO2e
  - ELECTRICITY: 27 MMT CO2e
  - Total: 83 MMT CO2e

- **2015**
  - OTHER: 24 MMT CO2e
  - NATURAL GAS: 14 MMT CO2e
  - ON-ROAD VEHICLES: 18 MMT CO2e
  - ELECTRICITY: 20 MMT CO2e
  - Total: 76 MMT CO2e

*Components may not sum to totals because of rounding.*
Open Space and Ag Land

PROTECTED OPEN SPACE

Private
Public

ACRES


AGRICULTURAL LAND IN PRODUCTION


PA NJ
Regional Indicators

1. An aging population with increasing service and mobility needs.
2. Disparities between urban and suburban educational attainment and unemployment.
3. Relatively low expenditures in academic research and development, and venture capital investment.

Rating the Region

1. Diverse economy and extensive highway, transit, aviation, and port facilities.
2. Rich in healthcare resources.
3. Large number of higher education institutions.
“The only relevant discussions about the future are those where we succeed in shifting the question from whether something will happen to what would we do if it happened.”

Arie de Geus
Shell International Petroleum Company
People and jobs moving to walkable communities 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.
Planning for Future Forces
Public Engagement

- 26 workshops and meetings
- 1,815 comments received
- 13 committees
- 9 counties
- 35 stakeholder presentations

How we got the word out:
- Social media
- Email
- Web
- Print
What We Heard

- Environment
- Green Space
- Sustainability
- Integrated, Multimodal Transportation
- Economic Growth & Competitiveness
- Equity, Poverty Reduction
- Education
- Sense of Community/Social Capital
- Responsible Development, Revitalization
- Regional Cooperation & Government Efficiency
- Cultural Amenities
- Energy Hub
- Smart Technology
- Accessibility
- Age in Place
- Intermodal Freight Hubs
- Safety
- The Circuit
- Health
- Housing Variety
- Other
- Quality of Life
- High-Speed Rail
- Population Growth
- Reduced Density
- Improved Density
- Affordability
- Infrastructure Investment/Expansion
- Sense of Place
- Manufacturing
- Regenerative Economy
- Cleanliness, Aesthetics
- Climate Resiliency
- Megaregional Connections
- Less Auto Dependence
- Agriculture & Food Security
- Autonomous Vehicles
- Green Energy, Less Energy Use
Vision

5 CORE PRINCIPLES

- Create an Integrated, Multimodal Transportation Network
- Sustain the Environment
- Advance Equity and Foster Diversity
- Develop Livable Communities
- Expand the Economy
Long-Range Planning

Tracking Progress
Rating the Region
Future Forces Indicators
U.S. DOT Performance Measures

Futures Group
Choices & Voices

INDICATORS

TRENDS & FORCES

SCENARIO PLANNING

VISION & GOALS

TAKING ACTION

STRATEGIES

DECISION-MAKING

PUBLIC ENGAGEMENT

Financial Plan
Needs Assessment
Revenue Forecast
Funding Allocation
Project Evaluation
Funding Options

dvrpc
Transportation Vision & Available Funding

What We Can Afford
- PA Roads: $13.7
- PA Transit: $7.2
- NJ Roads: $24.7
- NJ Transit: $19.7

Total Available Funding: $65.3

What We Need
- PA Roads: $56.6
- PA Transit: $43.7

Total Transportation Vision: $130.2
## Local Funding Options

<table>
<thead>
<tr>
<th>MILEAGE-BASED USER FEES</th>
<th>TOLL EXISTING HIGHWAYS</th>
<th>ACCESS FEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drivers are charged by the mile for travel on a defined roadway network.</td>
<td>A user fee on designated limited access roads and bridges.</td>
<td>A charge on nonresidential taxable property located near transit stations; similar to a business improvement district.</td>
</tr>
</tbody>
</table>

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<tr>
<th>CARBON TAX</th>
<th>SALES TAX</th>
<th>CONGESTION PRICING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessed based on the carbon content emitted by the burning of fossil fuels.</td>
<td>Levied as a percentage of the purchase price for goods, products, and services.</td>
<td>Sets variable tolls to manage demand for using a facility or entering a specific zone, using revenue generated to provide more transportation options.</td>
</tr>
</tbody>
</table>
Long-Range Planning

Tracking Progress
Rating the Region
Future Forces Indicators
FHWA Performance Measures

Futures Group
Choices & Voices

Air Quality Partnership
Municipal Toolbox
Classic Towns
Regional Trails Program
TCDI

PUBLIC ENGAGEMENT

INDICATORS
TRENDS & FORCES
SCENARIO PLANNING
VISION & GOALS
DEcision-MAKING
IMPLEMENTATION TOOLS
STRATEGIES
TAKING ACTION

Financial Plan
Needs Assessment
Revenue Forecast
Funding Allocation
Project Evaluation
Funding Options
Major Regional Project
Webmap

https://www.dvrpc.org/webmaps/MRP2045/
What You Can Do

- Join a composting program
- Insulate and seal your home
- Avoid idling
- Use LED or fluorescent lights
- Buy local produce
- Plant a tree
- Visit / shop in a center
- Clean up in your community
- Support mixed-use development
- Enjoy local parks & trails
- Stay informed on community issues
- Use renewable energy
- Support local businesses
- Start a walking school bus
- Attend public meetings
- Support policies for equity
- Take transit, walk, or bike
- Combine errands into one trip
- Travel off-peak
- Consider a hybrid or electric vehicle
Thank You!

www.dvrpc.org/connections2045