Welcome to the PPTF

✓ Use the tools bar at bottom for controls
✓ You can turn video on or off
✓ Use the Chat Box to message everyone or specific individuals
✓ Your microphone will be muted; if you would like to ask a question using your audio, use the “Raise Hand” icon.
✓ Recording of the meeting will begin once we start the presentations

The meeting will start at 6:00 pm. Meeting will be recorded.
Which emoji describes your mood right now? Copy and paste into the chat!

- 😊 happy
- 😄 silly
- 😎 cool
- 😄😄 excited to be here
- 😄😄😄 excited for the presentation
- 😞 confused
- 😄😄😄😄 not talkative
- 😴 sleepy
- 😞 sad
- 😇 angel
- 😄😄 party mode
- 😄😄😄 yee-haw, cowboy!
- 😄😄😄😄 quiet
- 👽 out of this world
Welcome to the PPTF

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“Name an aspirational goal you have for the region. This can be very local, system-wide, not planning-related, anything you hope the region is working towards.”

Source: Getty, DVRPC

Source: https://archive.curbed.com/2020/7/1/21308742/afrofuturism-olalekan-jeypous-interview
Welcome to the Public Participation Task Force

Long-Range Plan Strategies Workshop

February 16, 2021
Welcome to the PPTF

✓ Use the tools bar at bottom for controls
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The meeting will start at 6:00 pm. Meeting will be recorded.
Engagement Activity

Who is in the room?

I’ll ask a question and if you identify with it, you can type in the chat box.
Engagement Activity

Who is from NJ? PA?

Write “NJ” or “PA” in the chat.
Engagement Activity

Who has been to a PPTF meeting before?

Or is this your first meeting?

Write “PPTF pro” or “First” in the chat.
Engagement Activity

Have you been to a DVRPC Connections 2050 meeting before?
Or is this your first?

Write “LRP pro” or “First LRP” in the chat.
PLAN PROCESS
1. Developing a Plan
2. Developing a Plan
Tracking Progress
3. Developing a Plan
4. Developing a Plan
5. Developing a Plan
6. Developing a Plan
7. Developing a Plan

2050

PUBLIC ENGAGEMENT

STRATEGIES

VISION

SCENARIO PLANNING

TRENDS & FORCES

TRACKING PROGRESS

EVALUATION

DECISION MAKING

IMPLEMENTATION

MUNICIPAL IMPLEMENTATION TOOLBOX

@dvrpc | #makingconnections
Connections 2050 Update
Agenda

Workshop Welcome
DVRPC Long-Range Plan
Connections 2050 Update
Breakout Group Exercises
Report Back
Closing
Scenario Planning

DISPATCHES from ALTERNATE FUTURES
EXPLORATORY SCENARIOS FOR GREATER PHILADELPHIA

Scenario Planning

PREPARING FOR HIGHLY AUTOMATED VEHICLE DEPLOYMENT

DVRPC
Delaware Valley Regional Planning Commission
150 N Independence Mall West
Philadelphia, PA 19106-1520
215.594.1000 | Fax: 215.593.1130
www.dvrpc.org
Connect With Us!

IN THIS ISSUE
COVID-19
DELAYED EXPECTATIONS
A world overcome by climate change and economic slowdown
PEOPLE POWER
Consumer power for a more just and sustainable future
TECHNOLOGY IN THE DRIVER’S SEAT
Big tech taking control
INCLUSIVE TECH
A more equitable society through inclusive transport technology

Page 38. What’s Already Happening in Greater Philadelphia

IN THIS ISSUE
Delayed Expectations: Automated vehicle development stalls due to stagnant economy
People Power: Focused government and advocacy truck paves the way to infrastructure and automated vehicles
Tech in the Driver’s Seat: Automated vehicles are here. Are we ready?
Inclusive Tech: Open source principles of federal regulations shape automated vehicles
What do you value most in Greater Philadelphia today?

What concerns you the most when thinking about Greater Philadelphia in the future?

What is your vision and/or goals for the region?
An equitable, resilient, and sustainable Greater Philadelphia region that:

- Preserves and protects the natural environment.
- Develops inclusive, healthy, and walkable communities.
- Grows a prosperous and innovative economy.
- Maintains an integrated, multimodal transportation network.
‘Futures’ Strategies

Where Are We Today?

Where Are We Going?

Scenario A

Scenario B

Scenario C

Where Do We Want To Go?

@dvrcp | #makingconnections
Exploratory Scenarios
Broaden Perspective

Probable Future

People Power
Inclusive Tech
Delayed Expectations
Technology in the Driver’s Seat

Plausible Futures
“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
BREAKOUT GROUP ACTIVITIES
Group Orientation

Introductions
Role Contracting
Group Agreements
Strategies Exercise

Brainstorm Strategies
Scenario Rounds
  ● Short Video
  ● Contingent Strategies for that future Scenario
  ● Prioritize the top 5

Group Memory/Agreement
Group Resources

(Pre-Event Handout)

Long-Range Plan Strategies Workshop
February 10, 2021

Pre-Event Handout
Thank you for your participation in an upcoming workshop with DVRPC’s Long-Range Planning team to identify strategies for achieving the regional Vision established for the Connections 2050 Long-Range Plan for Greater Philadelphia. We’re happy to have your input and expertise. This pre-event guide is meant to help orient you before our workshop so you are up to speed and ready to participate on the day of the event.

Contents
WHAT IS THE LONG RANGE PLAN? 2
Long-Range Plan for Greater Philadelphia 2
Connections 2050 Update 2
WHAT HAS BEEN DISCUSSED TO DATE? 3
Trends & Forces 3
Regional Vision 3
HOW WILL YOUR INPUT BE USED? 4
Strategies Workshop 4
Taking Action 4
Stay Involved 4
Group Resources

(Pre-Event Handout)

Main Facilitation Guide

- Agenda
- Link to Breakout Groups
- Scenario Resources

Long-Range Plan Strategies Workshop
February 10, 2021

Main Facilitation Guide: Climate Change & Environment

This is the Main Facilitation Guide for the Strategies Workshop. It contains the overall agenda, links to each group's working document, and provides more detailed information on each scenario. The Pre-event Handout contains helpful background information.

AGENDA

Workshop Welcome
Introduction
Plan Process & Vision
Explanation of Breakout Group activities
Group agreement (general) & desired outcomes

Breakout Groups
Facilitators and participants will work interactively in shared Google Docs dedicated to their group.
- Brainstorm strategies
- Scenario videos & activities, Round 1-4
- Review Group Memory

Report Back
- Which strategy came up the most throughout all of the scenarios discussed?

Closing
- Next steps in the LRP process
- Other workshops to join
**DISPATCHES SCENARIOS**

**POLITICAL WILL / COLLECTIVE ACTION**

**PEOPLE POWER**
Grassroots democracy gives citizens more input into the development of their communities and the economy, while readily available technologies are deployed to fight climate change.

**INCREMENTAL CHANGE**

**TECHNOLOGY IN THE DRIVER'S SEAT**
Markets drive economic growth through Big Data, algorithms, and innovation.

**TRANSFORMATIVE CHANGE**

**INCLUSIVE TECH**
A collaborative, networked, open source economy of abundance emerges from societal efforts to make technological advances more sustainable and equitable.

**MARKET FORCES / INDIVIDUAL RESPONSIBILITY**

**DELAYED EXPECTATIONS**
Climate change, sharp political swings, ongoing civil discord, and a slowdown in innovation lead to a lack of direction and economic stagnation.
### Scenario Assumptions and Implications

<table>
<thead>
<tr>
<th>Focus Area</th>
<th>Delayed Expectations</th>
<th>People Power</th>
<th>Technology in the Driver’s Seat</th>
<th>Inclusive Tech</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Climate Change and Environment</strong></td>
<td>Climate change advances far more rapidly than anticipated. Low-emissions means that gas-engineering is increasingly seen as the only solution.</td>
<td>Focus on deploying readily available technologies to slow climate emissions, and proactive efforts from coastal and low-lying areas.</td>
<td>GHG emissions continue to rise, creating economic, social, and environmental risks. Carbon taxes and regulatory incentives are used to stimulate clean technology innovations, investment in direct air capture technologies that pull carbon from the atmosphere and proactive efforts from coastal and low-lying areas.</td>
<td>Carbon taxes and regulatory incentives are used to stimulate clean technology innovations, investment in direct air capture technologies that pull carbon from the atmosphere and proactive efforts from coastal and low-lying areas.</td>
</tr>
<tr>
<td><strong>Demographics</strong></td>
<td>Increased social safety net, including better parenting support and universal healthcare, leads to higher birth rates. Climate change is bringing more people from the eastern seaboard to the region.</td>
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<tr>
<td><strong>Inequality</strong></td>
<td>Low-income communities struggle to keep up with maintenance of infrastructure as it ages.</td>
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<td>Low-income communities struggle to keep up with maintenance of infrastructure as it ages.</td>
</tr>
<tr>
<td><strong>Housing and Development</strong></td>
<td>Development patterns continue to concentrates until highly-automated vehicles (HAVs) arrive, leading to more desirable land uses.</td>
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</tr>
<tr>
<td><strong>Transportation Infrastructure and Financing</strong></td>
<td>Revenues shift to a base on the amount of VMT each property generates along with a program of parking credits, which are earned by parking in designated areas.</td>
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</tr>
<tr>
<td><strong>Technology in the Driver’s Seat</strong></td>
<td>Technological assumptions have many efforts to create HAVs. little investment in CV technologies.</td>
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</tr>
</tbody>
</table>

**Government**

- Governments invest heavily in education and workforce retraining and skill development for those able to retain and attract the workforce for better economic needs that haven't kept up.
- Governments allocate funding to small mobile housing units that enable relocation for work and quick evacuations from emergency situations.
- Governments increase education funding and modernize curricula, create community jobs, and create customers for their data and work to broaden capital ownership.

**Automated Technologies**

- Automated technologies are applied to small mobile housing units that enable relocation for work and quick evacuation from emergency situations.
- Automated technologies are applied to small mobile housing units that enable relocation for work and quick evacuation from emergency situations.
- Automated technologies are applied to small mobile housing units that enable relocation for work and quick evacuation from emergency situations.
<table>
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<tr>
<th>FACTOR</th>
<th>DELAYED EXPECTATIONS</th>
<th>PEOPLE POWER</th>
<th>TECHNOLOGY IN THE DRIVER'S SEAT</th>
<th>INCLUSIVE TECH</th>
</tr>
</thead>
<tbody>
<tr>
<td>POPULATION</td>
<td>-1%</td>
<td>+10%</td>
<td>+15%</td>
<td>+8%</td>
</tr>
<tr>
<td>POPULATION &lt;16</td>
<td>-18%</td>
<td>-9%</td>
<td>-15%</td>
<td>-19%</td>
</tr>
<tr>
<td>POPULATION &gt;65</td>
<td>+44%</td>
<td>+53%</td>
<td>+68%</td>
<td>+70%</td>
</tr>
<tr>
<td>WHITE, NON-HISPANIC POPULATION</td>
<td>-11%</td>
<td>-14%</td>
<td>+1%</td>
<td>-10%</td>
</tr>
<tr>
<td>MINORITY (NON-WHITE) POPULATION</td>
<td>+17%</td>
<td>+50%</td>
<td>+38%</td>
<td>+37%</td>
</tr>
<tr>
<td>EMPLOYMENT</td>
<td>+3%</td>
<td>+11%</td>
<td>+16%</td>
<td>+5%</td>
</tr>
<tr>
<td>HOUSEHOLDS</td>
<td>+1%</td>
<td>+16%</td>
<td>+26%</td>
<td>+21%</td>
</tr>
<tr>
<td>SINGLE-PERSON HOUSEHOLDS</td>
<td>+3%</td>
<td>+31%</td>
<td>+51%</td>
<td>+47%</td>
</tr>
<tr>
<td>PERSONS PER HOUSEHOLD</td>
<td>-1%</td>
<td>-6%</td>
<td>-10%</td>
<td>-11%</td>
</tr>
<tr>
<td>LOW-INCOME HOUSEHOLDS</td>
<td>+5%</td>
<td>+5%</td>
<td>+30%</td>
<td>+14%</td>
</tr>
<tr>
<td>MEDIUM-INCOME HOUSEHOLDS</td>
<td>-1%</td>
<td>+31%</td>
<td>+16%</td>
<td>+34%</td>
</tr>
<tr>
<td>HIGH-INCOME HOUSEHOLDS</td>
<td>-11%</td>
<td>+8%</td>
<td>+34%</td>
<td>+11%</td>
</tr>
<tr>
<td>VEHICLES</td>
<td>+5%</td>
<td>+17%</td>
<td>+5%</td>
<td>+13%</td>
</tr>
<tr>
<td>VEHICLE MILES TRAVELED (VMT)</td>
<td>-4%</td>
<td>-5%</td>
<td>+53%</td>
<td>+21%</td>
</tr>
<tr>
<td>VEHICLE TRIPS</td>
<td>-4%</td>
<td>0%</td>
<td>+31%</td>
<td>+34%</td>
</tr>
<tr>
<td>TRANSIT TRIPS</td>
<td>-1%</td>
<td>+20%</td>
<td>+9%</td>
<td>+31%</td>
</tr>
<tr>
<td>WALKING/BIKING TRIPS</td>
<td>+13%</td>
<td>+29%</td>
<td>-4%</td>
<td>+17%</td>
</tr>
</tbody>
</table>
Group Resources

(Pre-Event Handout)
Main Facilitation Guide
● Agenda
● Link to Breakout Groups
● Scenario Resources

Working Document
● Instructions
● Place to record discussion
GROUP AGREEMENT & DESIRED OUTCOMES
Group Agreements

- Everyone will have a chance to speak.
- It’s OK to disagree.
- Disagree with the idea, not the person.
- Do not interrupt each other.
- If you get stuck: park the issue so the process can keep moving.
What is a Strategy?

● Goal: Increase equitable civic engagement.

● Some Potential Strategies:
  ○ Participatory budgeting
  ○ ASL and foreign language translation and interpretation in public meetings of all types
  ○ Stronger wifi signals in public buildings
Desired Outcomes

- List of strategies to achieve the vision
- Revised list of strategies for each scenario
- Prioritized list (5) strategies for each scenario
- It’s okay to not get through everything
QUESTIONS? HAVE FUN!
REPORT BACK
What’s a strategy that came up for both of the scenarios discussed?
1. Where Are We Today?

2. Where Are We Going?

   - Scenario A
     - Adaptive / Contingent Actions
   - Scenario B
   - Universal Strategies

3. Where Do We Want To Go?

   - Scenario A
   - Scenario B
   - Scenario C

4. How Do We Get There?
Other Strategies Workshops

- Transportation Infrastructure & Financing
- Transportation Technology
- Climate Change & the Environment
- Equity & Civic Engagement (2/16/21)
- Economy & the Built Environment (2/23/21)
Visit dvrpc.org/2050

Happening Now: Strategies Workshops

What strategies should the region employ to achieve the shared regional vision for Greater Philadelphia in 2050? Join one or more of the following workshops—each with a different topical focus area—to help identify strategies for achieving the vision and goals of the Plan.

- **Energy & the Environment**
  Wednesday, February 10, 2021 - 1:00PM-3:00PM

- **Equity & Civic Engagement**
  Tuesday, February 16, 2021 - 5:30PM-7:30PM

- **Economy & the Built Environment**
  Tuesday, February 23, 2021 - 10:00AM-12:00PM
Thank You for participating.