DELAWARE VALLEY dvrpc REGIONAL PLANNING COMMISSION

working

FUTURES GROUP

GREATER PHILADELPHIA

Scenario Planning Workshop 2
January 12, 2023

WELCOME!

AGENDA:

- Review of Workshop 1
- Vision & Goals
- Key Strategies
- Adaptive Strategies
- Breakout Group Activity
- Next Steps

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WORKSHOP 1 RECAP

Nuclear Fusion Breakthrough: The Future Of Clean, Limitless Energy

Q.ai - Powering a Personal Wealth Movement Contributor ⓘ
Making wealth creation easy, accessible and transparent.

Follow

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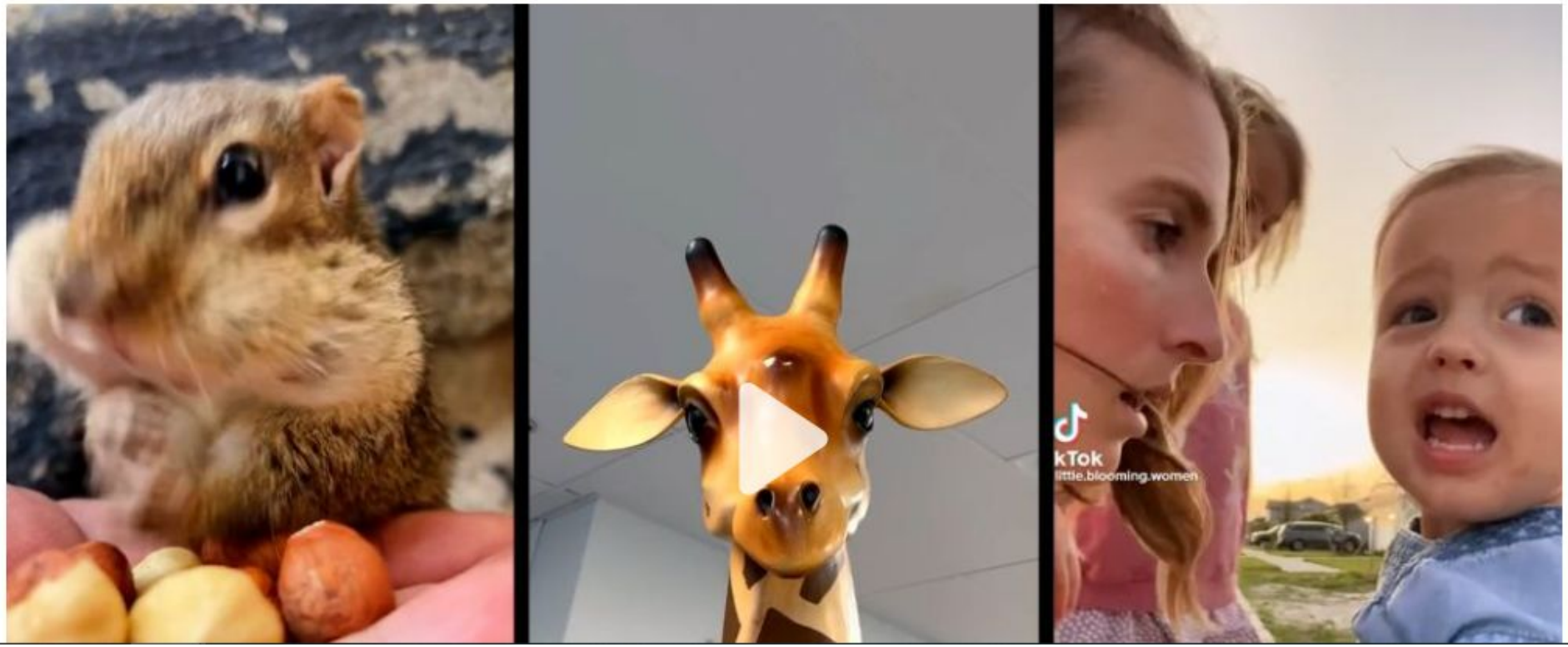
Dec 14, 2022, 10:44am EST

Listen to article 11 minutes

US lawmakers introduce bill to ban TikTok

By Brian Fung, CNN

Updated 4:20 PM EST, Tue December 13, 2022



Moderna's mRNA Skin Cancer Vaccine Shows Early Promise in a New Study

Getty Images—SOPA Images/LightRocket

BY ALICE PARK DECEMBER 13, 2022 9:46 AM EST

UPDATED SAT, JAN 7 2023 • 8:50 AM EST

SHARE

GOP leader McCarthy elected House Speaker on 15th vote in historic run

Christina Wilkie | Chelsey Cox | Dawn Kopecki

This was CNBC's live blog covering Friday's and Saturday's historic votes to elect a new U.S. House Speaker.

FOUR SCENARIOS

TECHNOLOGY

	INCREMENTAL CHANGE	TRANSFORMATIVE CHANGE
CLIMATE CHANGE & EQUITY		
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.	**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.	**TECHNOLOGY IN THE DRIVER'S SEAT** Markets drive economic growth through Big Data, algorithms, and innovation.

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TWO QUESTIONS

What other headlines would you add in this future?

What are some challenges & opportunities in this future?

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VISION & GOALS

Long-Range Planning

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Vision for 2050

An **EQUITABLE**, **RESILIENT,** and **SUSTAINABLE** Greater Philadelphia that:

Preserves and restores the natural **ENVIRONMENT**.

Develops inclusive, healthy, and walkable **COMMUNITIES**.

Maintains a safe, multimodal **TRANSPORTATION** network that serves everyone.

Grows an innovative and connected **ECONOMY** with broadly shared prosperity.

PRESERVE and RESTORE the NATURAL ENVIRONMENT

- Protect Open Space
- Net-Zero GHG Emissions
- Build Ecological Communities
- Increase Access to Local Food
- Increase Air & Water Quality

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DEVELOP INCLUSIVE, HEALTHY, and WALKABLE COMMUNITIES

Affordable Housing

Integrated Communities

Enhance Community Schools & Amenities

Vibrant Centers

Historic Preservation

MAINTAIN a SAFE, MULTIMODAL TRANSPORTATION NETWORK that SERVES EVERYONE

Modernize Infrastructure

Achieve Vision Zero

Integrate Modes

Increase Mobility and Reliability

Strengthen (Cyber) Security

2050

GROW an INNOVATIVE and CONNECTED ECONOMY

Enhance Workforce Skills

Green The Economy

Support Small Business

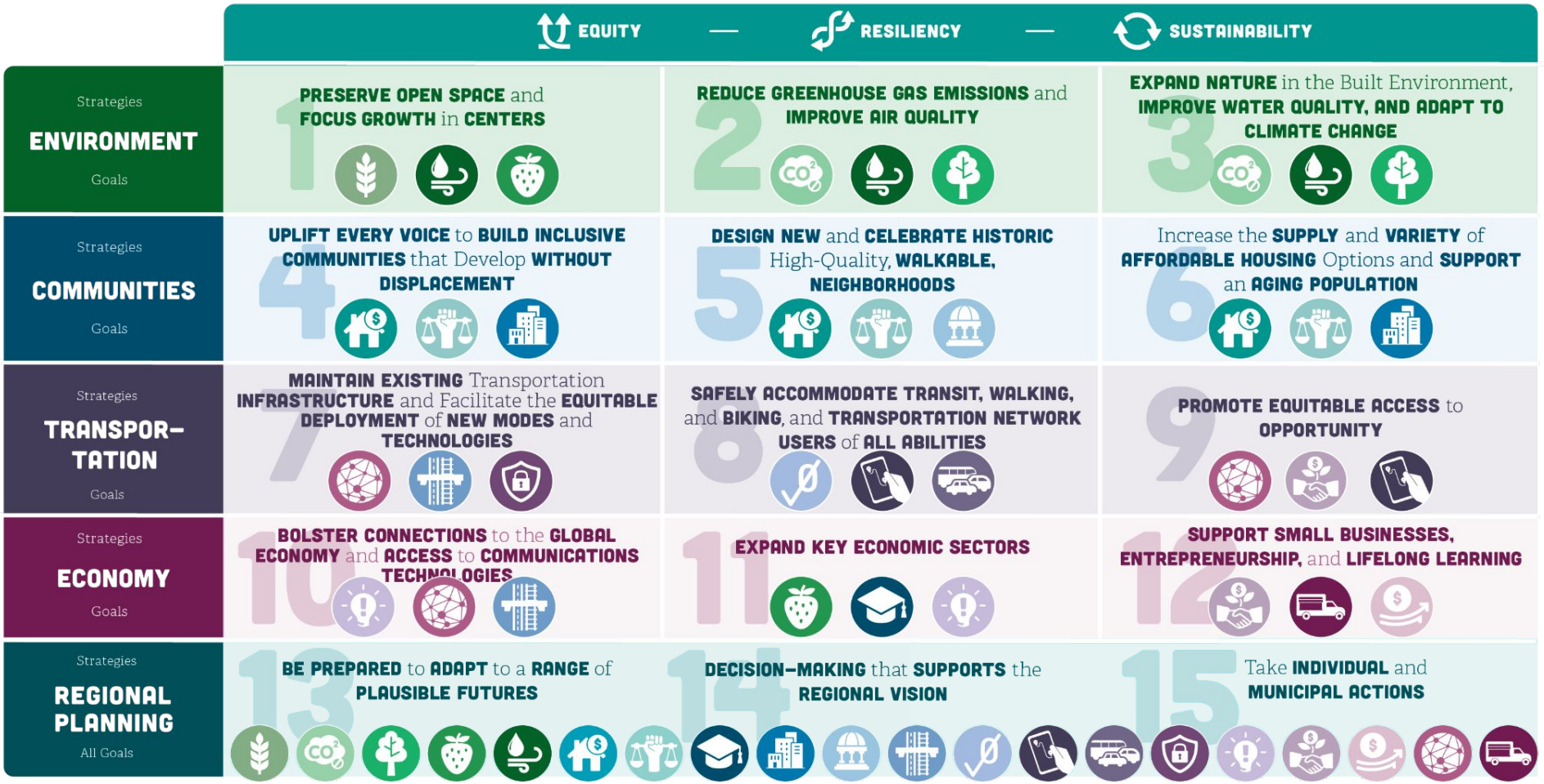
Make Global Connections

Reduce Poverty

2019 Strategies Workshops

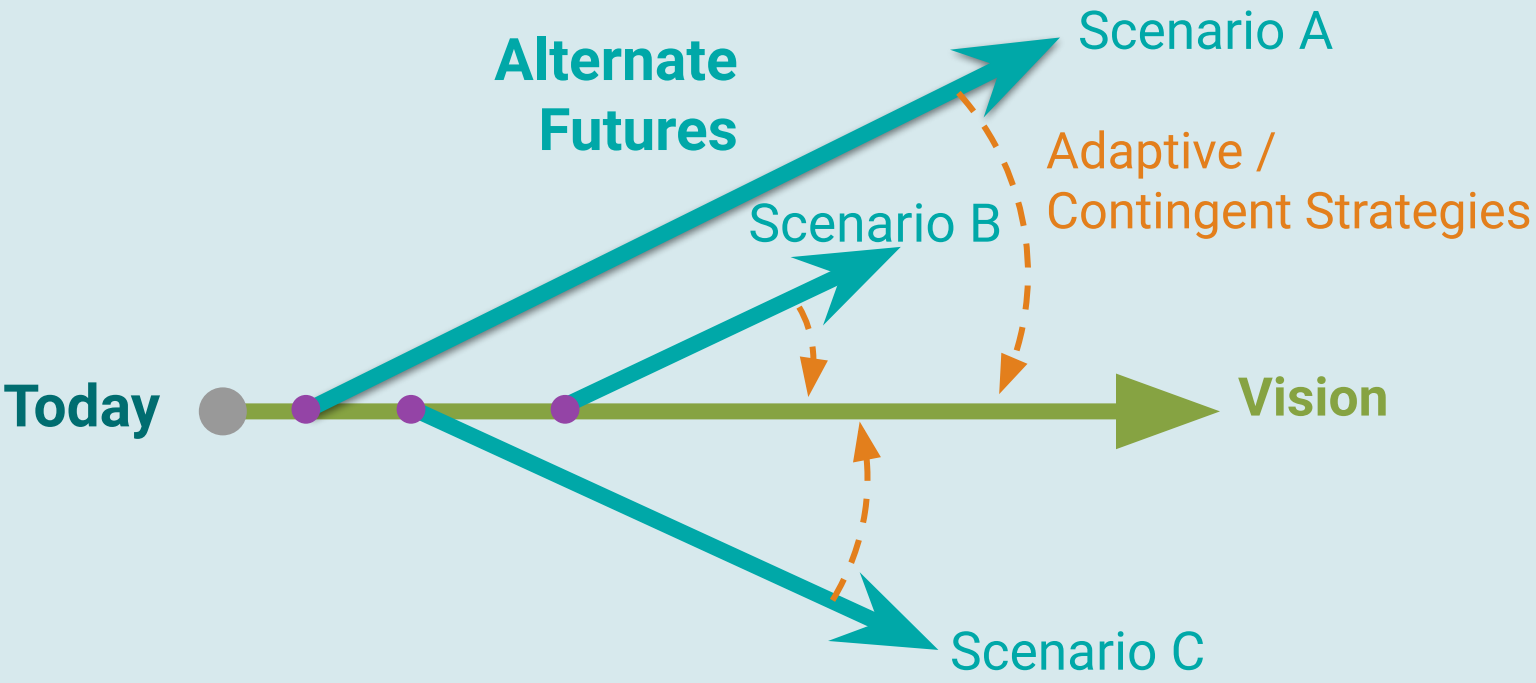
What strategies can help us to achieve these goals ***in your scenario***?

Key Strategies
for achieving goals



ADAPTIVE STRATEGIES

Informing Strategies



Key Strategies
for achieving goals

REGIONAL VISION FOR THE ENVIRONMENT

An equitable, resilient, & sustainable Greater Philadelphia that
PRESERVES and **RESTORES** the **NATURAL ENVIRONMENT**

ENVIRONMENTAL GOALS SUPPORTING THE VISION

- Protect Open Space
- Net-Zero GHG Emissions
- Build Ecological Communities
- Increase Access to Local Food
- Improve Air and Water Quality

KEY UNIVERSAL STRATEGIES SUPPORTING ENVIRONMENTAL GOALS

1. Preserve Open Space and Focus Growth in Centers
2. Reduce GHG Emissions and Improve Air Quality
3. Expand Nature in the Built Environment, Improve Water Quality, and Adapt to Climate Change

Key Strategies
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2050

- ❏ Preserve & protect undeveloped land.
- ❏ Apply transfer of development rights programs and conservation design techniques.
- ❏ Enact & implement local open space funding programs.
- ❏ Promote infill & development in Centers and areas with multimodal transportation options.
- ❏ Update zoning and building codes to support transit-oriented & traditional neighborhood development.
- ❏ Integrate parks & public space into Centers.

Contingent Strategies under each Scenario

FOCUS AREA		DELAYED EXPECTATIONS	PEOPLE POWER	TECHNOLOGY in the DRIVER'S SEAT	INCLUSIVE TECH
ENVIRONMENT	CHALLENGES	Climate change advances faster than current forecasts, and a major hurricane hits the Delaware Valley.	Innovations intended to reduce GHGs do not become market ready as initially anticipated.	Increasing waste streams, particularly e-waste.	Development is increasingly decentralized and more mobile.
	ADAPTIVE STRATEGIES	Limit development in floodplains; undertake proactive retreats from low-lying areas; focus affordable housing development in high-and-dry areas, consider more aggressive anti-flooding treatments, such as China's Sponge City concept or Copenhagen's cloudburst boulevards and floodable parks.	Reduce GHGs with readily available technologies: tax credits for building and vehicle electrification; green building standards and energy efficiency; increased investment in transit, walking, and biking; solar and wind microgrids; land preservation; conservation tillage.	Enact Zero Waste policies, provide resources for self-repair of electronic and digital devices, and build the circular economy so that materials and resources can constantly be reused.	Increase the regional goal for preserved open space and agricultural lands.

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BREAKOUT SESSIONS

THREE QUESTIONS

Review your responses from Workshop 1... is there anything to add?

What would we need to do to achieve the vision in this scenario?

How would you budget for investments in this scenario?

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QUESTIONS?

Zoom Groups

Go to main facilitation guide
https://tinyurl.com/2p8x47mr

Scroll to last page & click on the hyperlink for your Breakout Group *(e.g. Environment 3)*

Follow instructions on the worksheet

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NEXT STEPS

NEXT STEPS

- **THANK YOU** for participating!
- LRP staff to compile and share results
- Results will inform and be documented in the region's next Plan update: *Connections 2050 v2.0*
- Sign up for email notifications at https://www.dvrpc.org/plan to get alerts about upcoming engagement

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