## Pittsburgh's Neighborhood Plan Guide - A Collaborative Framework for Sustainable Communities

Megan Zeigler, Vice President of Planning and Policy, Green Building Alliance
Stephanie Joy Everett, Senior Planner, City of Pittsburgh
Joseph Wingenfeld, Program Manager, Uptown Partners of Pittsburgh







#### Who are we? (Professionally)

#### Megan Zeigler

- · Vice President of Planning and Policy at the Green Building Alliance
- Has worked in academia, local government, and non profit sectors
- Passionate about community development and how creating sustainable healthy spaces impact health of its users

#### Stephanie Joy Everett

- Senior Planner at the City of Pittsburgh, Department of City Planning
- 10+ years public service experience in community development and longrange planning
- International experiences in Curitiba, Brazil and Bangkok, Thailand
- Passionate about creating places for people to thrive

#### Joseph Wingenfeld

- Program Manager for 4.5 years at Uptown Partners of Pittsburgh
- Worked professionally in urban planning & community development for nearly a decade.
- Passionate about creating quality urban environments that are vibrant, sustainable, diverse, accessible and amenity-rich through creative partnerships and impactful real estate investments.







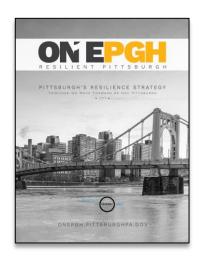
#### Overview

- City Planning in Pittsburgh
- EcoInnovation District Plan
- Plan Implementation
- Lessons Learned
- Neighborhood Plan Guide

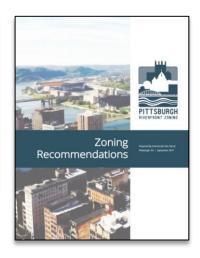


# Pittsburgh's Department of City Planning

"The Department of City Planning performs the processes and functions that create an orderly, timely, environmentally sustainable, and consistent development of public and private property within the City." (+More)









Citywide Policy

Regulations & Enforcement

**Projects** 

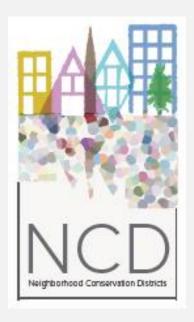




## **Planning Framework**

- Comprehensive Plan citywide, major topics
  - Cultural Heritage & Historic Preservation
  - Open Space, Parks, & Recreation
  - Forthcoming: Land Use, Economic Development, Mobility
- Sets direction of city's development for 10-20 year period through goals, policies, actions.
- Organizes City departments, programs, initiatives.





## **Planning Framework**

- Neighborhood / District Plans
  - Community
  - Development
  - Mobility
  - Infrastructure
- Translate citywide policy and goals to a specific geography with unique context, conditions, opportunities.
- Often the basis of new zoning, projects, programs, used in the review of development projects.

# Groundwork for Neighborhood Plan Guide

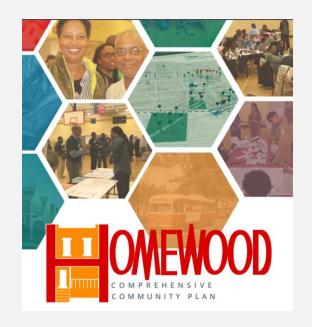
- Best Practices
  - Denver
  - Louisville
  - Columbus
- Public Engagement Strategy
- Registered Community Organizations
- Recent Neighborhood / District Plans
  - Uptown / West Oakland EcoInnovation District Plan
  - Manchester-Chateau Neighborhood Plan
  - Two others ongoing (Homewood, Hazelwood)



# Registered Community Organizations



- Formalize the role of community organizations in the long-range planning process
- Raise the floor by formalizing the role of community organizations in development processes - a standard for notice and meetings
  - Development Activities Meetings
    - Advanced, timely notice and engagement necessary
    - City participates and/or coordinates an objective, informative meeting
    - Staff Report provided to Board / Commission
- Create a clear, defined community process for developers





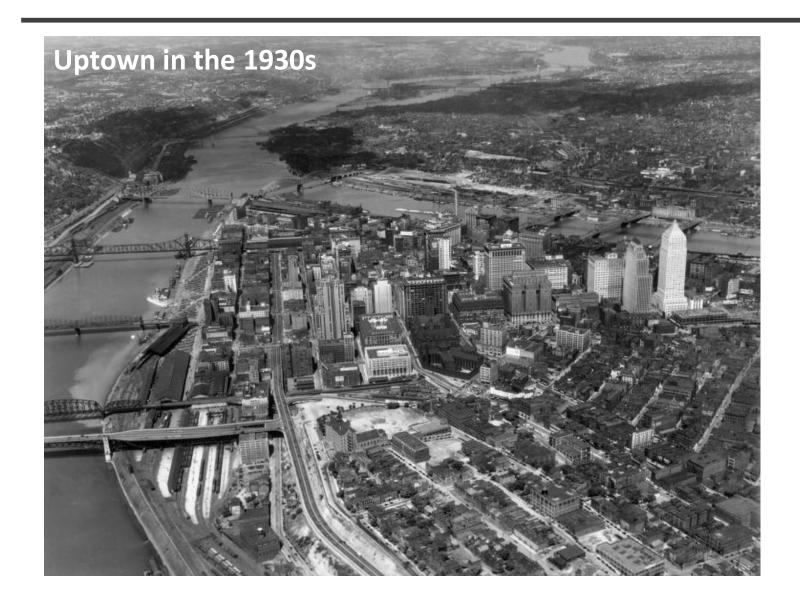
# Recent Neighborhood / District Plans

- Uptown / West Oakland EcoInnovation District Plan (adopted September 2017)
- Manchester/Chateau (adopted September 2019)
- Homewood (ongoing)
- Hazelwood (ongoing)
- Next: Hill District and Oakland

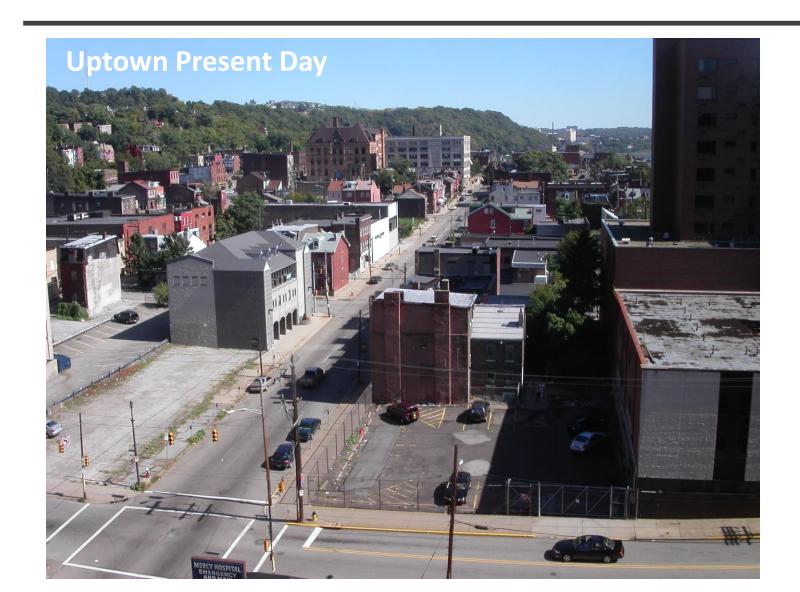
#### **PLAN HISTORY**



### **Uptown History**



#### **Uptown History**



#### **Uptown History**



- In 2007, to stay ahead of approaching market forces while addressing quality of life issues, a growing group of active neighborhood stakeholders—residents, business owners and representatives of Duquesne University and Mercy Hospital—formed Uptown Partners of Pittsburgh.
- In 2009, a community-wide, consensus-building planning process resulted in the <u>Uptown Vision Plan</u>.

#### **Bus Rapid Transit: First Pass**

- In the 2012-2013 Allegheny County and Port Authority proposed BRT through Uptown.
- Very top-down, limited community engagement, and no real City Planning process and involvement.
- Uptown doesn't have a Transit Problem
- No real benefits for the neighborhood and residents pushed back.



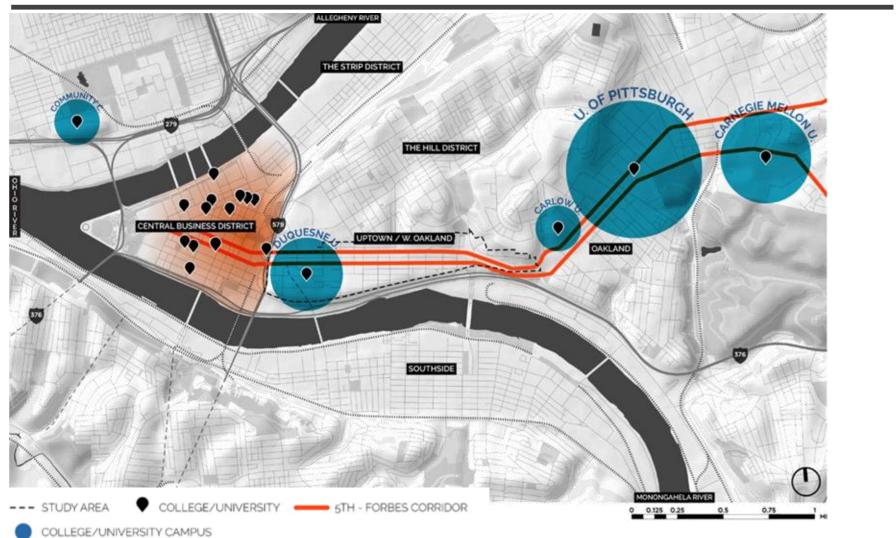
#### **BRT V 2.0- Uptown EcoInnovation District**

- 2014 City re-engaged Uptown.
- Idea to create a holistic Uptown Neighborhood Plan combining BRT + Eco + Innovation District.
- Stakeholders took a trip to Portland to learn the EcoDistricts Protocol
- Uptown EcoInnovation District became the start of Pittsburgh's Official Neighborhood Planning Efforts



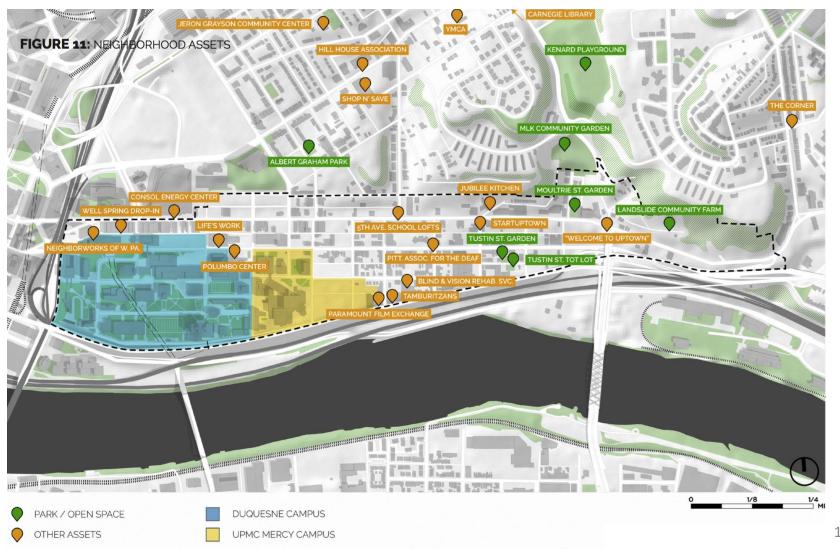
#### **Opportunities**

CENTRAL BUSINESS DISTRICT



18

## **Study Area**



#### **Consistent with Other Efforts**

#### **OnePGH**

p4 Initiative

**Complete Streets** 

**Bus Rapid Transit** 

**PWSA Green First** 

DCP Comprehensive Plan

Pittsburgh 2030 District

**Pittsburgh Innovation Corridor** 

#### **Project Partners**

## PGHOO PortAuthority

























#### The Plan

#### The vision in the plan calls for an Uptown that:

- Repairs the environment and provides its residents with healthy activities and connections to nature;
- Allows everyone to benefit in the greening and growth of the district; focus on **EQUITY**
- Serves as a model for sustainable development and renewable energy systems; and
- Moves boldly forward while celebrating its history and unique urban character.

#### **Uptown IPOD**

- Adopted in 2015 to slow demolition on Community
- Required Design Review for all projects.
- Prohibited new commercial surface parking and any accessory parking fronting onto Fifth & Forbes Avenues.
- Required landscaping for all projects including vacant lots created through demolition.
- Required evidence of building safety issues before demolition would be permitted.
- Replaced by permanent Uptown Public Realm District in late 2017.

#### **Significant Public Involvement**











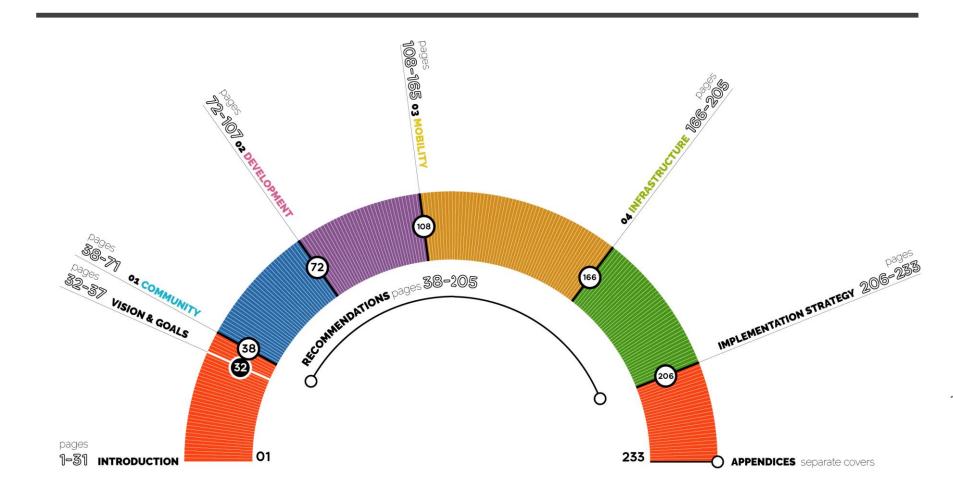




#### **Significant Public Involvement**

OPEN	PUBLIC EVENT ATTENDEES	400
	FOCUS GROUP MEETINGS	17
	INTERVIEWS	50 +
	SURVEYS	700
	WEB USERS	2,488
	WEB PAGE VIEWS	7,536
2008	COLLAB MAPS COMMENTS	164

#### **Plan Format**



#### **Top Priorities**

- Mixed Income Housing Development
- Safe Sidewalks & Intersections
- Tackle Community Blight & Safety
- Improve Transit
- Housing Rehabilitation & Assistance
- New & Expanded Parks

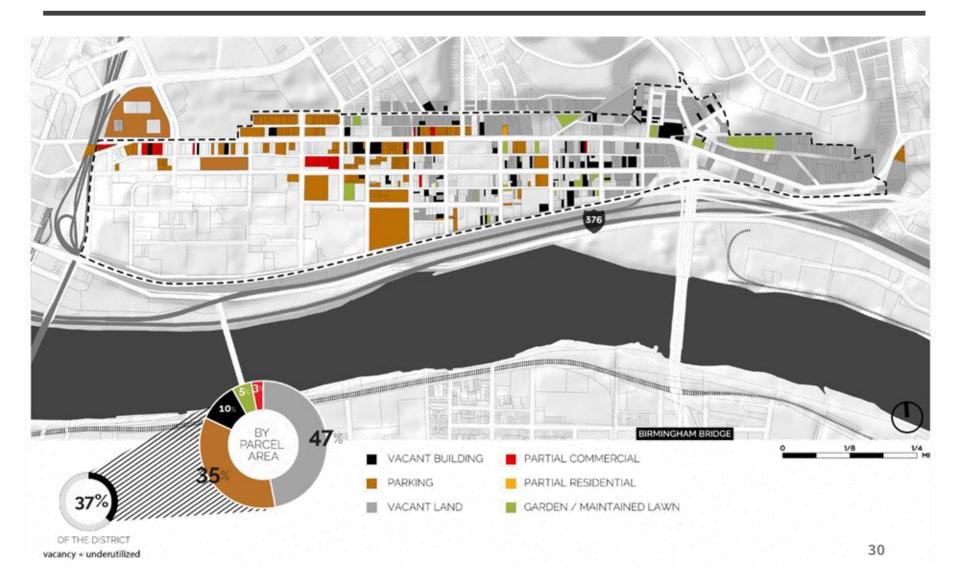
# **Keeping Uptown a Mixed-Income Community**



# **Creating a Safe and Livable Street Network**



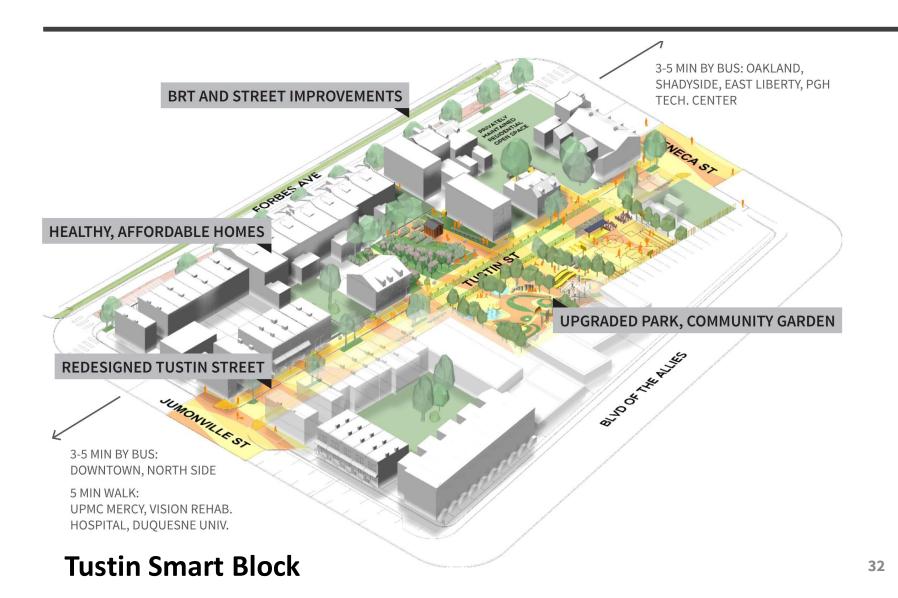
#### **Tackle Vacancy & Safety**



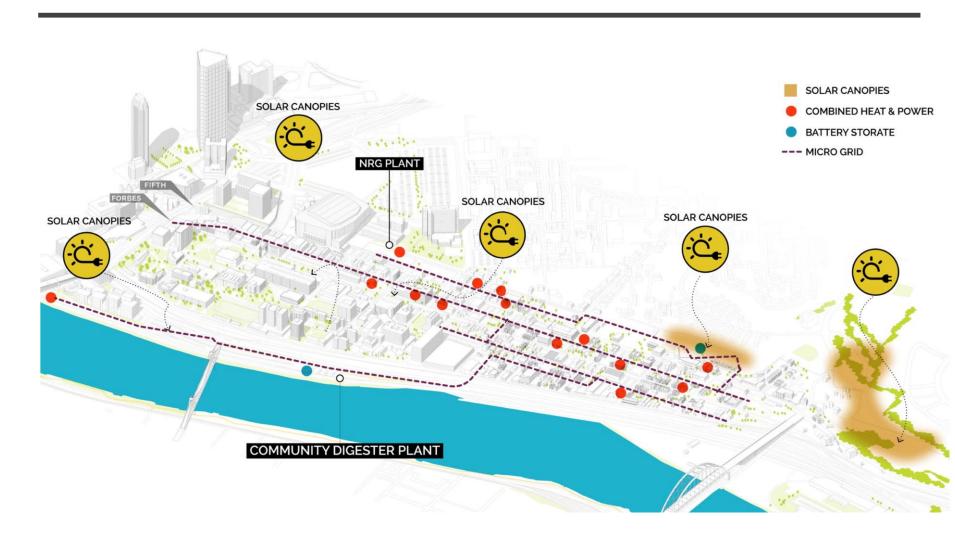
#### **Building BRT to Serve Uptown**



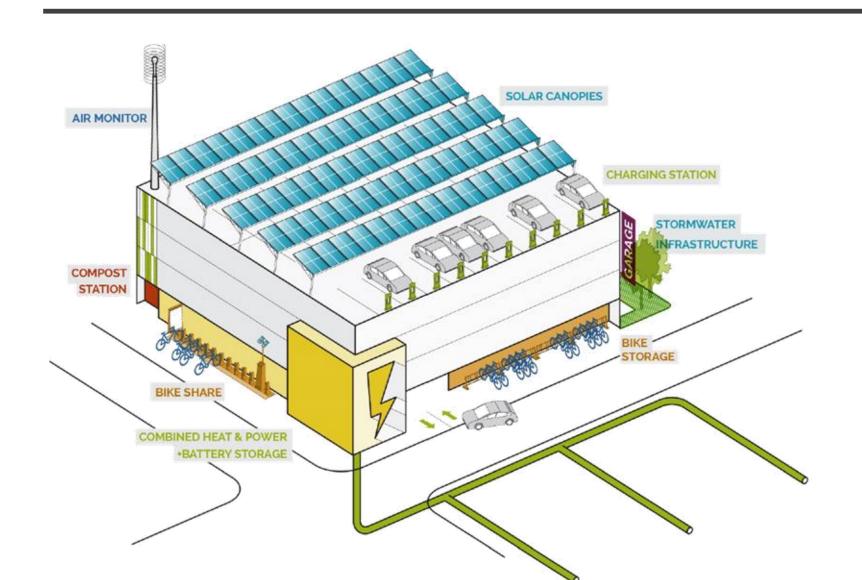
#### **Neighborhood Scale Interventions**



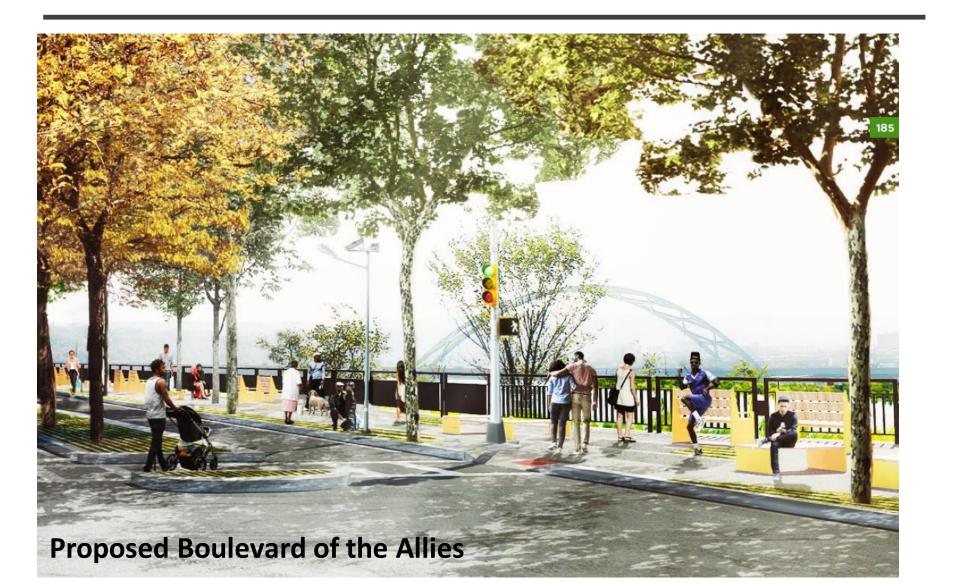
#### A Neighborhood Energy System



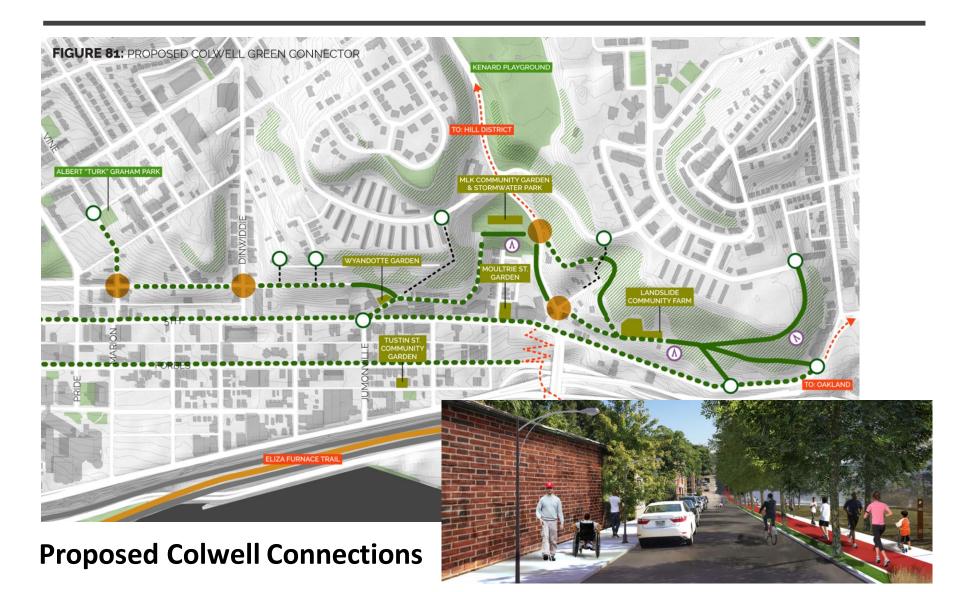
#### **Parking That Serves the District**



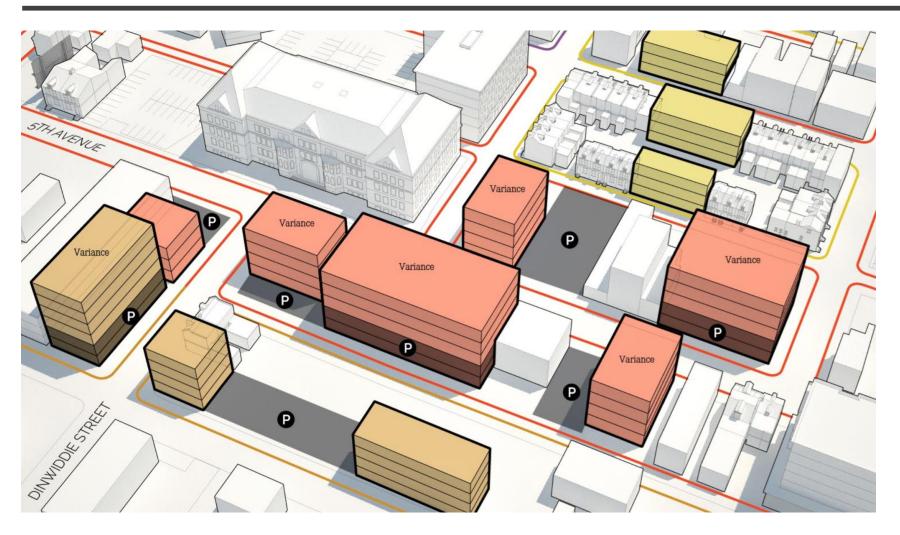
#### **New Green Connections**



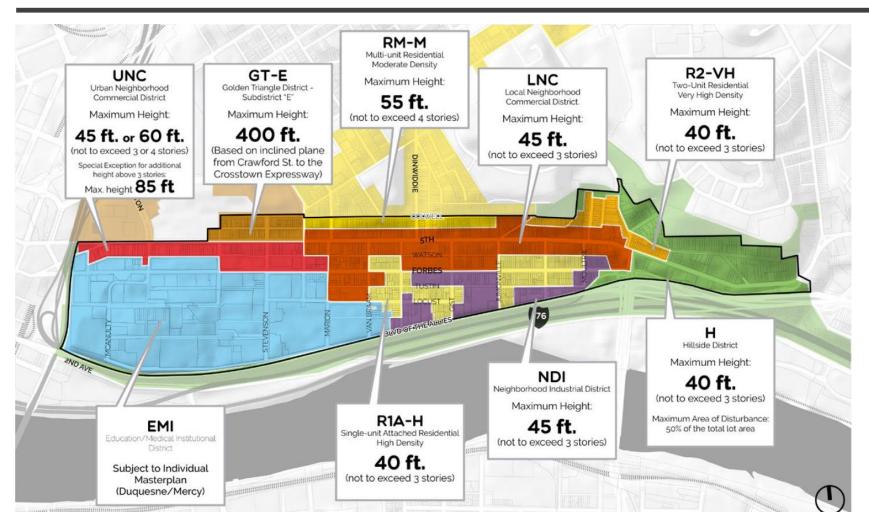
#### **New Green Connections**



#### **Problems with Previous Zoning District**



### **Problems with Previous Zoning District**

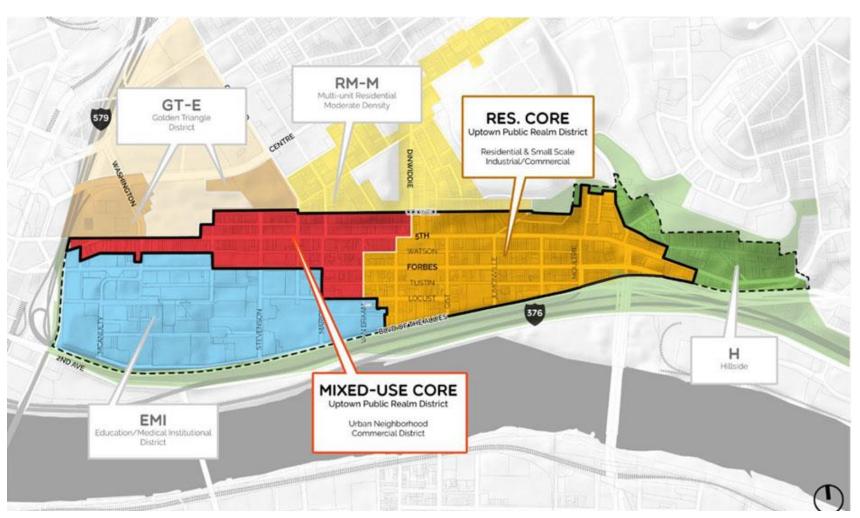


# Use new zoning to promote sustainable & affordable development

#### Uses a performance based system to:

- Encourage denser development that better utilizes limited lands
- Create innovative new buildings that are highly energy efficient, produce energy on-site or connect to district energy systems, and/or capture and treat rainwater on-site using green infrastructure.
- Provide affordable housing in new buildings.
- Limited demolitions to encourage adaptive reuse of existing buildings that maintains the district's character.

### **New Zoning**



# Uptown Ecolnnovation District Implementation



October 22, 2019

- 1 Uptown Task Force
- 2 Subcommittees
- 3 Uptown Development Guide
- 4 Development Impact

Every building and every community is sustainable so every person can thrive



**Green Building Alliance** 

# Uptown Task Force



# Uptown Task Force Framework

- → Framework developed over first 2 years of implementation
- Composed of 1-2 representatives from organizations in Uptown and others responsible for implementation
- → Convened by Duquesne University
- → Active participation required

# Uptown Task Force In Action

- → Coordination
- → Project Review
- → Support Letters
- → Subcommittee and member updates



# Subcommittees



### Subcommittees

- → Four Uptown Task Force
  - + Community
  - + Development
  - + Mobility
  - + Infrastructure
- → Monthly meetings
- → Collaboration between Subcommittee Chairs

# Community

- Focus: Better serving existing residents, employees, students, and visitors and housing affordability
- → Chair: Uptown Partners
- Partners: City Planning, Bureau of Neighborhood Empowerment, and Office of Community Affairs
- Discussion topics: Housing, community programs, cultural heritage and preservation, public art, and public safety

# Development

- Focus: Establish agenda for physical change through new buildings, commercial corridors, residential areas, etc.
- → Chair: Avenu
- Partners: City Planning, Urban Redevelopment Authority, and Housing Authority
- Discussion topics: land use policy and regulations, urban sustainable design, equitable economic development, commercial corridors, and transit oriented development

# Mobility

- Focus: How people get around including strategies for improving safety, reducing the negative impacts of traffic, and shifting trips to more efficient and healthful modes
- Chairs: Port Authority and Department of Mobility and Infrastructure
- Partners: City Planning, DOMI, Port Authority, and Parking Authority
- Discussion topics: transit, pedestrian access and safety, circulation, accessibility, bike infrastructure, traffic safety, and parking

### Infrastructure

- Focus: All non-transportation systems including stormwater management, open space, energy systems, and waste management
- → Chair: Green Building Alliance
- Partners: City Planning, Pittsburgh Water and Sewer Authority, Department of Public Works, Citiparks, and utilities
- Discussion topics: stormwater management, open space, energy system planning, waste management, tree canopy, and habitat restoration

# Uptown Development Guide



# Development Standards

Improving the Street Environment

- Require building articulation and stepping back building height above 50 ft (Mixed Use Core) or 40 ft (Residential Core)
- Require 10 ft wide sidewalks with at least 5 ft of clear unobstructed
- → No parking or structured parking on the ground floor of buildings on Fifth and Forbes Avenues
- Require active ground floor uses such as retail, office, residential, lobbies and bike facilities



# Development Standards

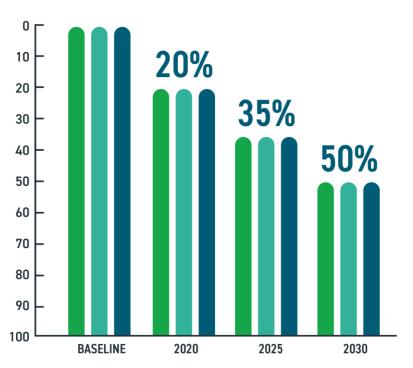
Improving Environmental Performance

- Reduce threshold required stormwater management plans
- Establish a new and straightforward stormwater standard for small projects
- Require all new buildings greater than 10,000 sf or building additions greater than 5,000 sf to go through advisory green building review at pre-app stage (free of cost)
- Maintain Uptown IPOD restrictions on demolition when no replacement building is proposed and there is no verifiable argument that collapse is imminent
- → Require developments to join the Pittsburgh 2030 District

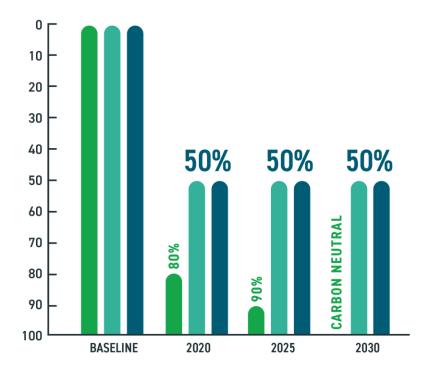


### The 2030 Challenge

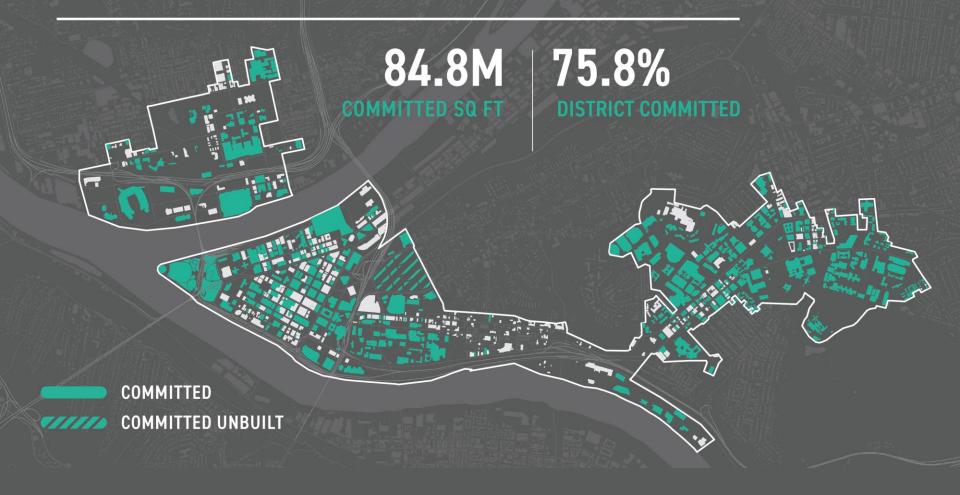
#### **EXISTING BUILDINGS**



#### **NEW BUILDINGS & RENOVATIONS**



# 540 BUILDINGS COMMITTED



# Development Standards

Parking Requirements

- → Eliminate minimum parking requirements
- Establish a cap on the building of parking to avoid over production and concentration of parking in specific areas
- Require new structured parking to be convertible to other uses in the future
- Require new large structured parking facilities to include community infrastructure amenities (e.g., recycling, composting, EV charging, bike storage or bike share, etc.)

# Performance Points



### Performance Points

- Flexible system that developers can incorporate into projects in a predictable way
- For each goal, there are three levels of points with more points awarded for things that have a bigger impact.
- Each point can be used to gain 15 ft of building height up to height limits set specifically for the two subdistricts.
  - On-site energy consumption
  - + On-site energy generation
  - + Affordable housing
  - + Rainwater Management
  - + Building Reuse

# Performance Points – Energy Consumption

#### → 1 point

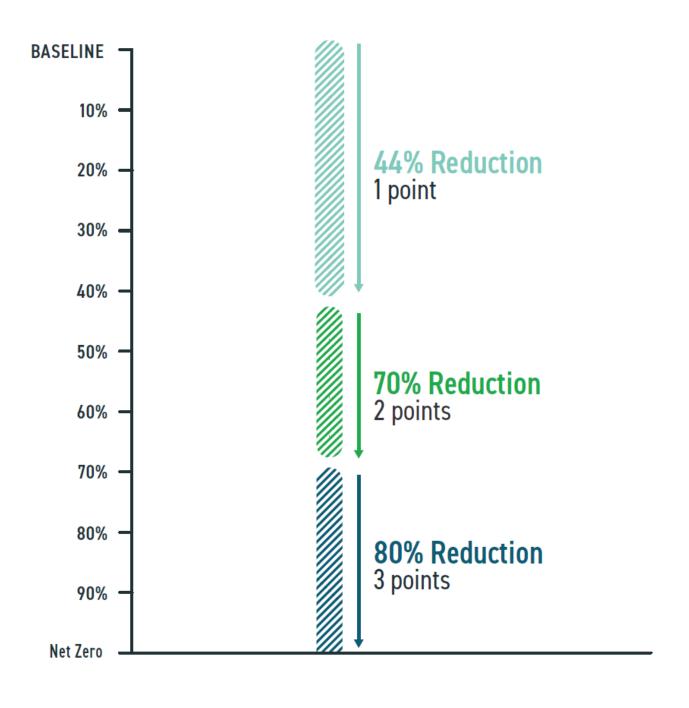
+ EUI at AIA 2030 Commitment average savings -currently 44%

#### → 2 points

+ EUI 70% below national median

#### → 3 points

+ EUI 80% or more below national median



# Performance Points – Energy Generation

- → Need at least 1 point in energy consumption
- → 1 point
  - + 25% of energy use generated on-site
- → 2 points
  - + 50% of energy use generated on-site
  - + Connecting to district energy
- → 3 points
  - + 75% or more of energy use generated on-site



# Performance Points – Affordable Housing

- → For projects where 50%+ is residential
- → 1 point
  - + 5-15% of rental units for 80% AMI (1 point)
- →ı 2 points
  - + 5-15% of for sale units for 80% AMI
  - + 5-15% of rental units for 60% AMI
  - + 15-20% of rental units for 80% AMI
- → 4 points
  - + 15-20% of for sale units for 80% AMI
  - + 15-20% of rental units for 60% AMI
  - + 20%+ of rental units for 80% AMI
- → 6 points
  - + 20%+ of for sale units for 80% AMI
  - + 20%+ of rental units for 60% AMI

# Performance Points – Rainwater Management

→ Must use 50% native plants, payment-in-lieu option when not feasible

#### → 1 point

- + 50% of 1.5 in of rainfall in 24 hr period, including peak of 1.05 inches in 15 minutes or a 95<sup>th</sup> percentile rain event onsite (whichever is greater) captured using green infrastructure
- + 15% of 1.5 in of rainfall in 24 hr period, including peak of 1.05 inches in 15 minutes or a 95<sup>th</sup> percentile rain event onsite (whichever is greater) captured and reused
- + Payment-in-lieu of \$6 per gallon

#### → 2 points

- + 75% of 1.5 in of rainfall in 24 hr period, including peak of 1.05 inches in 15 minutes or a 95<sup>th</sup> percentile rain event onsite (whichever is greater) captured using green infrastructure
- + 30% of 1.5 in of rainfall in 24 hr period, including peak of 1.05 inches in 15 minutes or a 95<sup>th</sup> percentile rain event onsite (whichever is greater) captured and reused
- + Payment-in-lieu of \$9 per gallon

#### → 3 points

- + 100% of 1.5 in of rainfall in 24 hr period, including peak of 1.05 inches in 15 minutes or a 95<sup>th</sup> percentile rain event onsite (whichever is greater) captured using green infrastructure
- + 45% of 1.5 in of rainfall in 24 hr period, including peak of 1.05 inches in 15 minutes or a 95<sup>th</sup> percentile rain event onsite (whichever is greater) captured and reused
- + Payment-in-lieu of \$12 per gallon

# Performance Points – Building Reuse

#### → 1 point

+ Exterior design compatible with nearby structures more than 50 years old — including similar window and door sizes and materials, cladding materials, bays, cornices, and primary elements

#### → 2 points

+ 75%+ of street facing building facades from structures more than 50 years old are restored and integrated into new development

#### → 3 points

+ Existing building shell is restored and retained















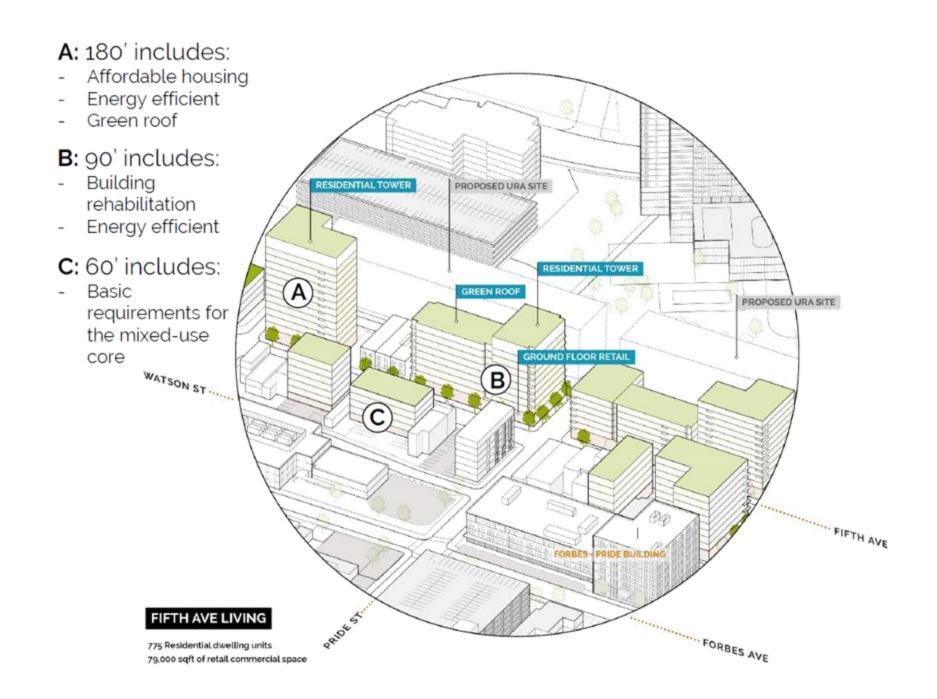












# Uptown Sustainability Reviews

- Partnership between Department of City Planning and Green Building Alliance to discuss sustainability early in project
- → Pre-application meeting review + subsequent meetings and guidance
- → Need for a framework to guide process

## Uptown Development Guide

- → Collaboration between Uptown Task Force Subcommittees
- Provides overview of the District, performance points framework, information on a broad range of sustainability and high-performance topics, and appropriate points of contact for more information

## Uptown Development Guide

- → Bonus Points
- → Energy
- → Water
- → Health
- → Landscape
- → Waste Management
- → Affordable Housing

- → Building Reuse
- → Universal Design
- → Review Process
- → Uptown Architecture/Design Statement

# Uptown Development Guide

- → Formalizing document and adding example strategies
- → Replication in other neighborhoods to bring Neighborhood Plans into action

# Development Impact



# UPMC Vision & Rehabilitation Tower

- → Required a revision of UPMC's Institutional Master Plan in Uptown
- → Opportunity to work with UPMC on enhancing performance



# UPMC Vision & Rehabilitation Tower

- → Reduced predicted energy consumption by 33%
- → Committed to a transportation demand management program
- → Added public art
- → Redesigned open space as a community and stormwater management amenity

# Institutional Master Plan Performance Target Meetings

- Building on success with UPMC to work with all institutional master plans
- Three meeting series with each institution prior to presentation to Planning Commission and City Council
- Goes beyond what is required by code, inviting institutions to push the boundaries on what is possible for the future of their campuses
- → Currently working with 3 institutions

# Institutional Master Plan Performance Target Meetings

- → Department of City Planning
- → Department of Mobility and Infrastructure
- → Pittsburgh Water & Sewer Authority
- → Port Authority of Allegheny County
- → Green Building Alliance

# Duquesne University IMP

- → Setting performance targets for energy, water, stormwater management, tree cover, etc.
- → Added consultants to IMP team
- → Still in progress



### Goals of Neighborhood Plan Guide

- Integration with other City Plans
- Address formally adopted citywide goals
  - Pittsburgh Climate Action Plan 3.0 (2018) goals
  - Other Agency goals
- Align plans and outcomes with
  - EcoDistricts
  - United Nations Sustainable Development Goals
- Improve communication about neighborhood
   planning processes that will be led by the City and/or RCOs
- Clarify roles and responsibilities for all involved
- Share information with the public about neighborhood planning processes and what to expect from them

### **Co-Creation Approach**

Agency staff involved in NPG development, provide advice.

Agency staff will lead, facilitate discussions during planning process.

	Ste	ering	Comr	<u>mittee</u>	A	ction	<b>Teams</b>
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Residents Community

Agencies Development

Businesses Mobility

Services Infrastructure

**Institutions** 

Topic-based non-profits

# Summary of Neighborhood Plan Guide

# THE GUIDE

- How to Use this Guide
- Audience and Purpose
- Plan Topics Overview
- The Planning Process

# **THE RESOURCES**

- How Neighborhood Plans Can Address Adopted City Goals
- Full List of UN Sustainable Development Goals
- Assembling a Steering Committee and Action Teams
- Plan Content Details: Topics, Objectives, Indicators
- Plan Framework: Vision Statements, Goals, Policies, Projects, Programs, Partnerships
- Public Engagement Toolkit
- Understanding Implementation
- Integration with Other Plans
- Glossary
- Deliverables Guidance and Templates

Guide will be produced as both a document and an interactive web-based guide

## **Plan Topics Overview: Community**

#### 1. Community

This chapter focuses on the existing residents, employees, students, and visitors of the planning area with proposals for how they can be better served by the district. This chapter also addresses housing affordability.

#### Required:

Housing

Community Programs and

Livability

Cultural Heritage and

Preservation

Public Art

Public Safety

Public Facilities and

Services

#### Optional:

Public Health

Community Uses in the

Right-of-Way

Nuisance and

**Enforcement Issues** 

Schools

Relevant Agencies: Department of City Planning, Bureau of Neighborhood Empowerment, and Office of Community Affairs.

## **Plan Topics Overview: Development**

#### 2. Development

This chapter establishes the agenda for physical change to a district whether that be through new buildings, commercial corridors, residential areas, etc. Creating new affordable housing and commercial opportunities can be addressed in this chapter.

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				_	

Land Use Policy and

Regulations

Urban Sustainable

Design

Equitable Economic

Development

Optional:

Commercial Corridors or

Nodes

Transit Oriented Development

Brownfield Reuse and

Remediation

Schools and Related Programs

Academic, Medical and Religious Institutions

Relevant Agencies: Department of City Planning, Urban Redevelopment Authority, and Housing Authority of the City of Pittsburgh.

## **Plan Topics Overview: Mobility**

#### 3. Mobility

This chapter focuses on how people get around and will typically include strategies for improving safety, reducing the negative impacts associated with traffic, and shifting trips to and from the planning area to more efficient and healthful modes of travel.

#### Required:

Transit Service and Stations
Pedestrian Access, Safety,
Circulation
Accessibility
Bicycle Infrastructure
Traffic Safety
Parking

#### Optional:

Mobility as a Service (MaaS)
Freight Operations

Relevant Agencies: Department of Mobility and Infrastructure, Port Authority of Allegheny County, and Pittsburgh Parking Authority.

### Plan Topics Overview: Infrastructure

#### 4. Infrastructure

This chapter includes all the non-transportation systems that nourish and maintain a district including how stormwater is handled, needs for open spaces, the energy systems that serve all buildings, and how waste is reduced and reused. There are many opportunities for these projects to meet multiple objectives (e.g., open spaces that also manage stormwater).

#### Required:

Stormwater Management

Open Space

**Energy System Planning** 

Waste Management and

Recycling

Tree Canopy

Habitat Restoration

#### Optional:

Community/Urban

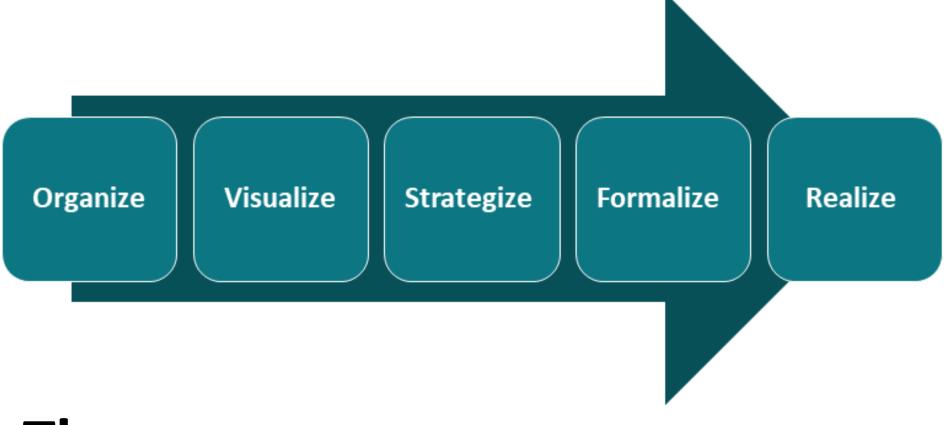
Agriculture

Digital Network

Air

Water Use

Relevant Agencies: Green Building Alliance (non-profit planning partner to the City), Pittsburgh Water and Sewer Authority, Department of Public Works, Citiparks, and relevant utilities.



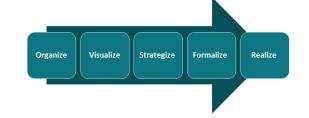
# The Planning Process Overview

24 months of planning10 years of implementation

Steps for each Process Phase address:

- Description
- Public Engagement Toolkit Recommendations
- Tasks and Deliverables

# Organize (4 months)



Planning partners are brought on board, roles and responsibilities are established for Steering Committee members, and background research is conducted. Establish a basic timeline and set a communications strategy.

#### **Establish roles and responsibilities**

#### Tasks and Deliverables

- Internal Meetings: Introduction to Planning Process (nonprofit community organizations, foundations, local agencies and authorities, and utilities)
- Formation of Steering Committee and/or other working committees
- Approved Public Participation Plan
- If necessary: RFP & Consultant Selection

#### Deal with the details

- Gantt Chart
- Project Directory
- Website
- Plan Identity and Naming

# Visualize (6 months)



Issues for the plan to address are identified based on analyses, a snared vision is established and goals for each chapter are set to guide the work of Action Teams in crafting policies and actions. Action Teams are created to work on plan details and report proposals back to the Steering Committee.

#### Understand the area

#### Task and Deliverables

Existing Conditions Report

#### Set the vision

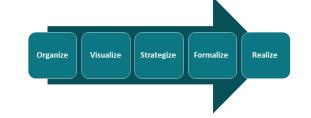
#### Task and Deliverables

- Public Meeting: Project Kickoff, Visioning, and Goals
- Draft Plan Section: Vision Statement and Goals
- Introduce EcoDistrict Imperatives as Lens for Action Teams

#### Focus the plan content

- Public Meeting: Topics
- Final List of Topics with Objective Categories
- Formation of Action Teams and Setting First Meeting Date/Time
- Facilitator Training for Action Team Leaders

# Strategize (10 months)



Action Teams explore topics in detail and develop policies and actions that use implementation resources to address issues. Creative engagement allows the community to contribute and feel ownership over the problems and solutions.

#### Study, Learn, Explore

#### Task and Deliverables

- Workbooks for Each Action Team that Capture Data, Case Studies, and Best Practices Used in the Drafting of Strategies
- Action Teams Meetings
- Draft Implementation Matrix and Accompanying Implementation Details

#### **Develop Ideas and Recommendations**

- Public Meeting(s): Input on Action Team Recommendations
- Refined Draft Implementation Matrix and Accompanying Implementation Details

## Formalize (4 months)



The plan is drafted, final analyses confirm proposals, and the document is reviewed publicly before being adopted.

#### **Draft Plans**

#### Task and Deliverables

- Discussion Draft Plan for Review by Steering Committee
- Proposed Draft Plan for Review by Public
- Recommended Draft Plan for Review by Planning Commission
- Draft Roadmap that organizes implementation into an action strategy

#### **Adoption**

- Public Notice and Mailing
- Staff Report
- Presentation and Briefing at Planning Commission
- Public Hearing at Planning Commission
- Adopted Plan
- Document Publication (City Planning website, public libraries, other printed copies

# Realize (10 years)



The plan is **implemented** through projects, programs, investments, and the application of policies and regulations. Track success and make course corrections.

#### Implement (ongoing)

#### **Monitor (biennial)**

- Biennial Audit
- Biennial Report
- Public Meeting: Progress Report
- Plan Addendum (as needed)
- Public Hearing for Plan Addendum (as needed)

# Lessons Learned for Communities

- Identify & involve key stakeholders early on in your planning process. This will lead to deeper involvement and ownership.
- Make sure to identify implementation structure and resources while creating Neighborhood plan.
- If a neighborhood plan means major changes to your community considering creating a strategic and business Plan towards the end of the neighborhood planning process.

# Lessons Learned for Nonprofit Partners

- Collaboration is key in aligning City and Authority budgets with identified priorities.
- This is a model approach for neighborhood development.
- Scaling up impact for achieving 2030 goals.
- Giving clear focus and direction for developers.

# Lessons Learned for Local Governments

- **Start with** Action Teams of **implementers** to dive into topics and make proposals using identified resources.
- Empower agency staff and community partners to lead the planning process with consultants as technical support.
- Use plans to implement City goals
- Start research and engagement before the planning process begins to improve the value of early meetings.
- Recognize disagreements and conflict as opportunities for meaningful dialogue. Plan for iteration.

# Questions?