

What is an EcoDistrict

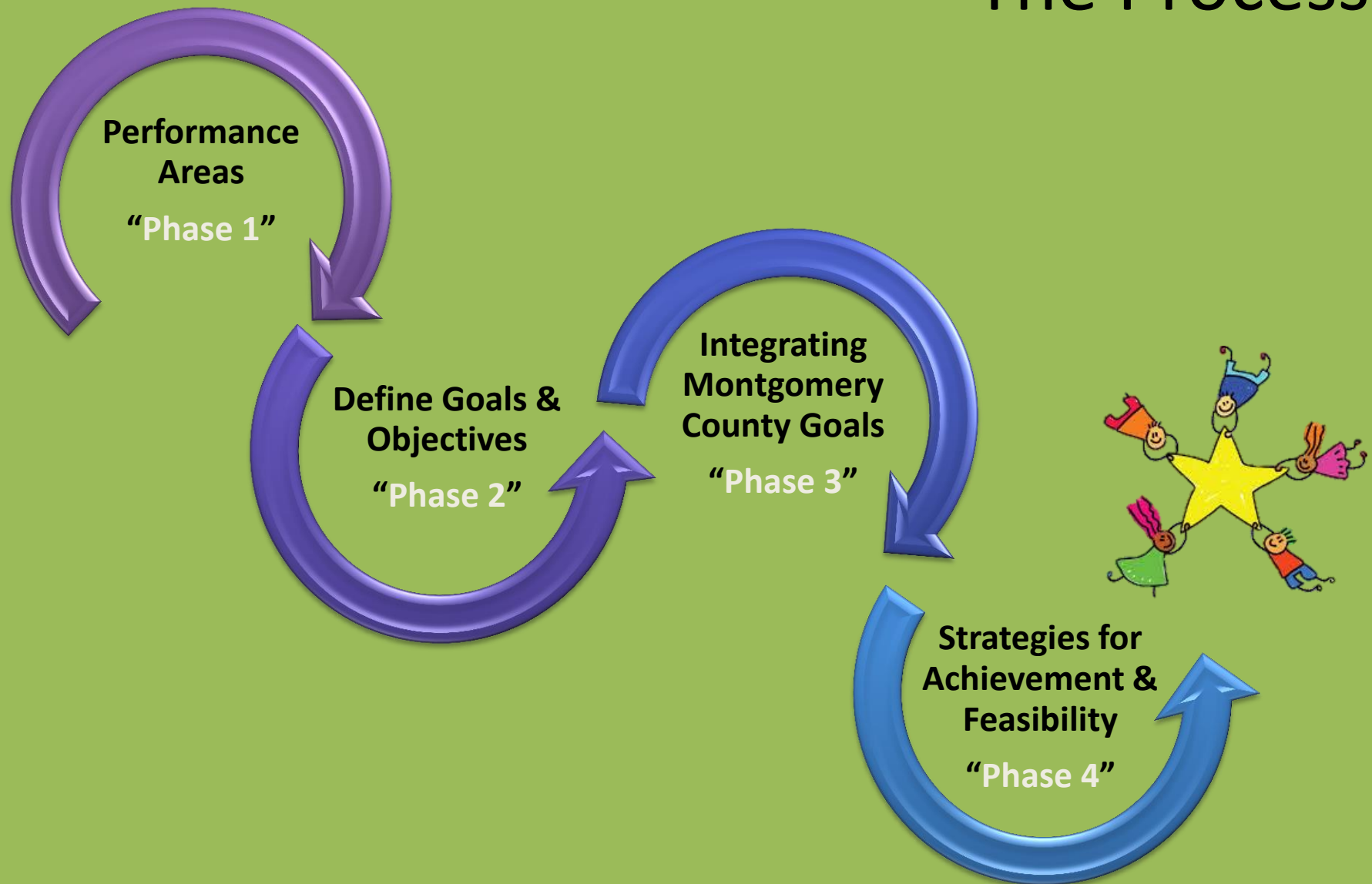
Roadmap to Sustainability

**...A neighborhood, or redevelopment area,
committed to advancing sustainability through
*green building, smart infrastructure and behavior.***

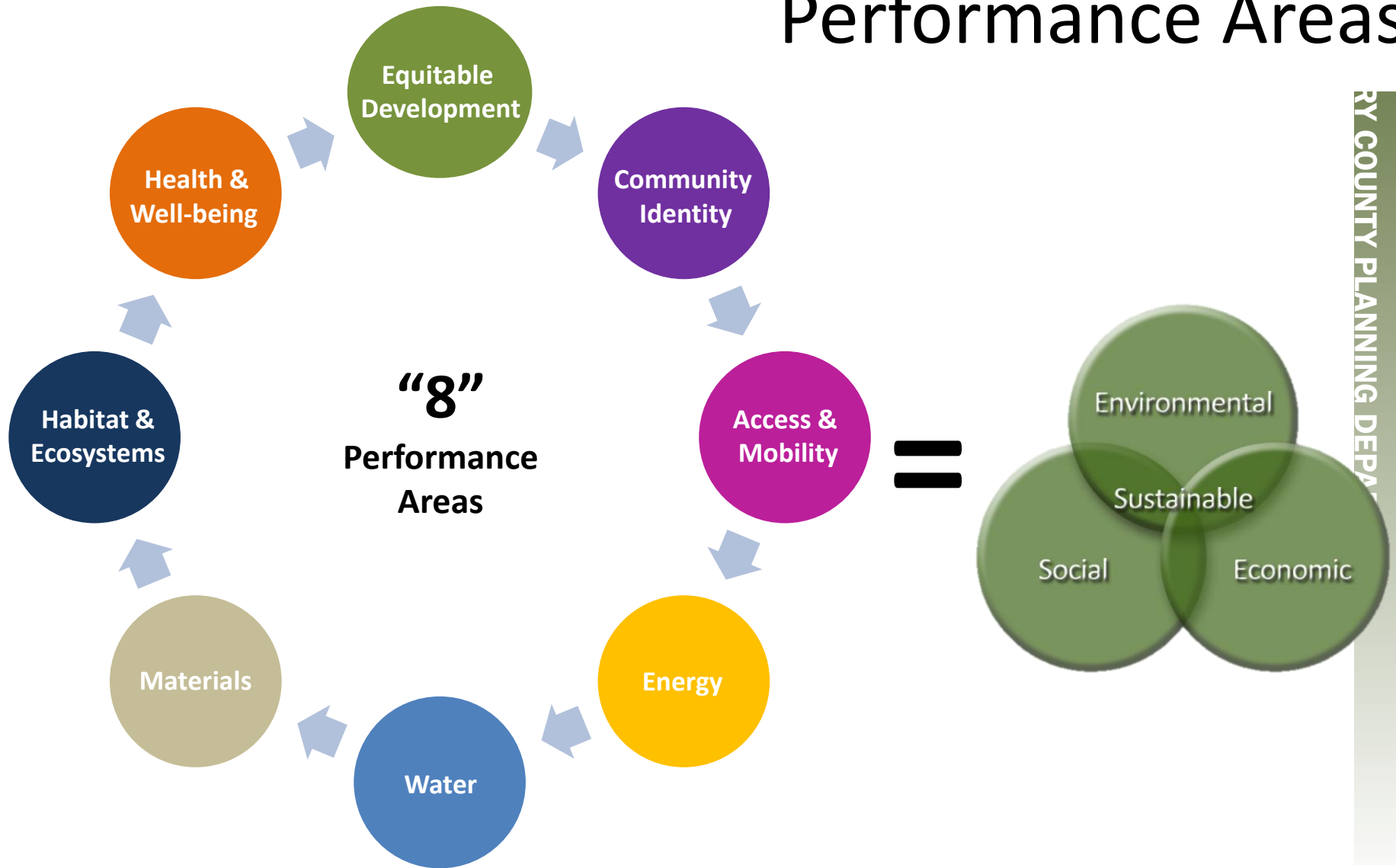
**They provide a framework for setting goals,
defining projects, engage in collaborative efforts,
and raise the bar for sustainable practices.**



The Process



Phase 1: Performance Areas

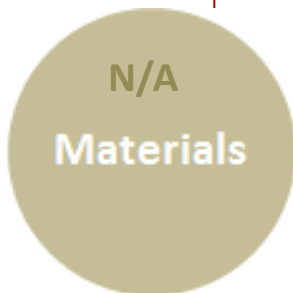


"CONCEPT ONLY"**Phase 2: Defining
Goals &
Objectives****Goal: Create cohesive neighborhood identity****Potential Objectives:**

- Create beautiful, accessible safe places
- Foster social networks

Goal: Diverse, multi-model, and affordable options**Potential Objectives:**

- Mixed-uses
- Improved street access
- Reduce VMT
- Low & zero emission vehicles

**Goal: Zero waste and optimized materials management****Potential Objectives:**

- Eliminate waste. Maximize recycling
- Reduce virgin material & toxic chemical use
- Optimize reuse & salvage materials
- Capture residuals (composting/recycling)



"CONCEPT ONLY"**Phase 2: Defining
Goals & Objectives****Goal: Reliable & affordable water management****Potential Objectives:**

- Improve runoff quality
- Reduce runoff
- Reduce water consumption

Goal: Healthy urban ecosystems that protect & regenerate ecosystems**Potential Objectives:**

- Achieve healthy urban ecosystem
- Protect & enhance local watershed
- Native & diverse vegetation
- Habitat connectivity
- Ecofriendly urban areas

**Goal: Annual net zero energy usage****Potential Objectives:**

- Minimize demand
- District energy (property assemblage)
- Incentivize zero-energy buildings
- Use renewable energy

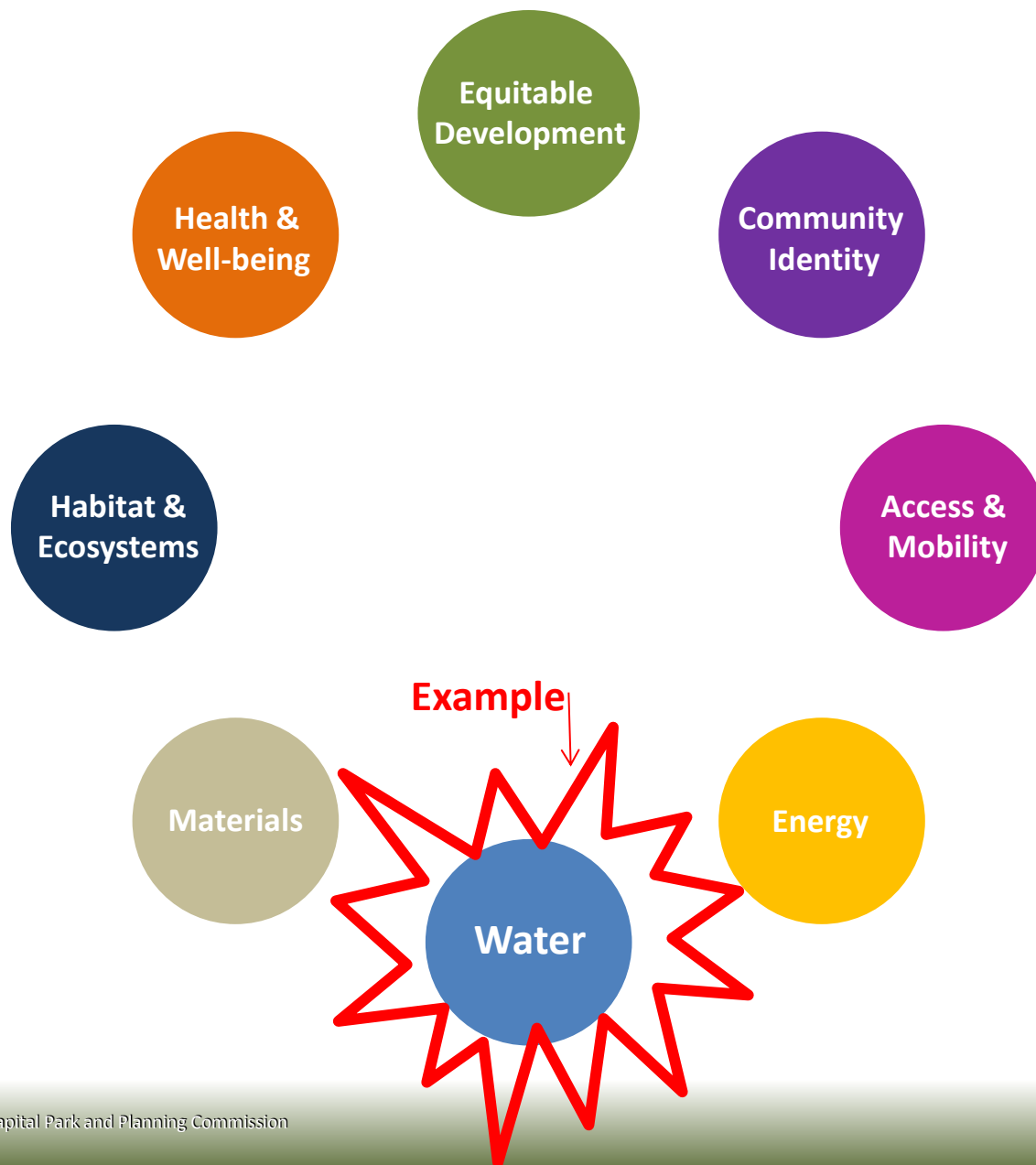
Phase 2: Defining
Goals & Objectives**Goal: Promote equity and opportunity****Potential Objectives:**

- Job creation
- Investment opportunities
- Mitigate housing/business displacement
- Ensure diverse stakeholder involvement

**Goal: Promote human health and community wellness****Potential Objectives:**

- Safe and functional recreation and natural areas
- Healthy, *local* and affordable food
- Healthy indoor and outdoor air quality

Performance Areas



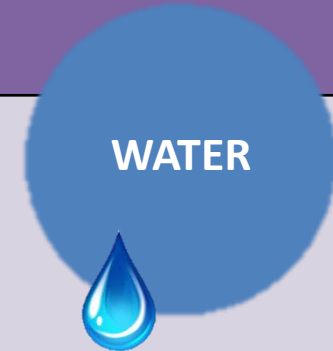
Performance Area: Water

GOAL: Meet both human and environmental needs through creating sustainable water systems

Set Targets to Meet Objectives

New Buildings (redevelopment)

- Increase Non-Potable Water
- Increase Quantity of Green Roofs
- Reduce impervious cover
- Reduce flows to municipal stormwater system



District Wide

- Provide LID/ESD in underutilized areas (ROW/Public/Private)
- Reduce runoff
- Increase porous surfaces

Greenstreet retrofits (ROW)

- Increase ESD/LID Stormwater Management

Existing buildings

- Encourage SWM retrofits
- Increase Quantity of Green Roofs
- Increase rainwater harvesting



Treating Stormwater while
providing ecological benefits



Buildings that “Perform”





Onsite Water Treatment & Catchment

Tomorrows Towns & Cities



Multi-agency COLLABORATION

Community

- Bethesda Green
- BUP
- The Public

Local Agencies

- DOT
- DPS
- General Services
- DEP

Regional Agencies

- COG
- DC Planning
DC DEP
- Arlington
Planners
- Chamber of
Commerce
- Research Groups
- Economist
- County Council

Developer Community

- Housing
- Civic

