

Painting the Town

GREEN



Green vs. Gray Infrastructure



Green Infrastructure

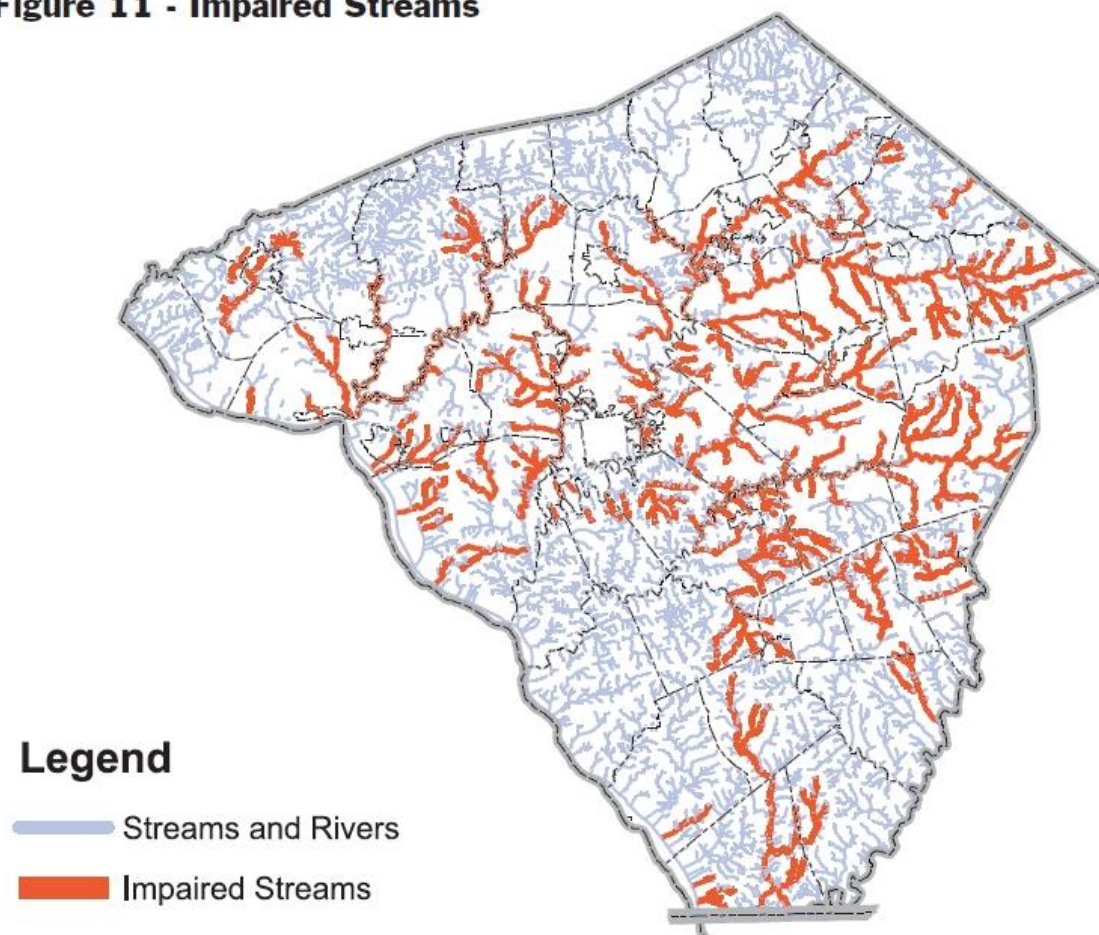


Gray Infrastructure

Chesapeake Bay



Figure 11 - Impaired Streams



Threats to Green Infrastructure

Poor Agricultural Practices



Legacy Sediments



Urban Development and Suburban Sprawl



Greater Lancaster Area



Urban Impervious Cover



Low-density Suburban Sprawl

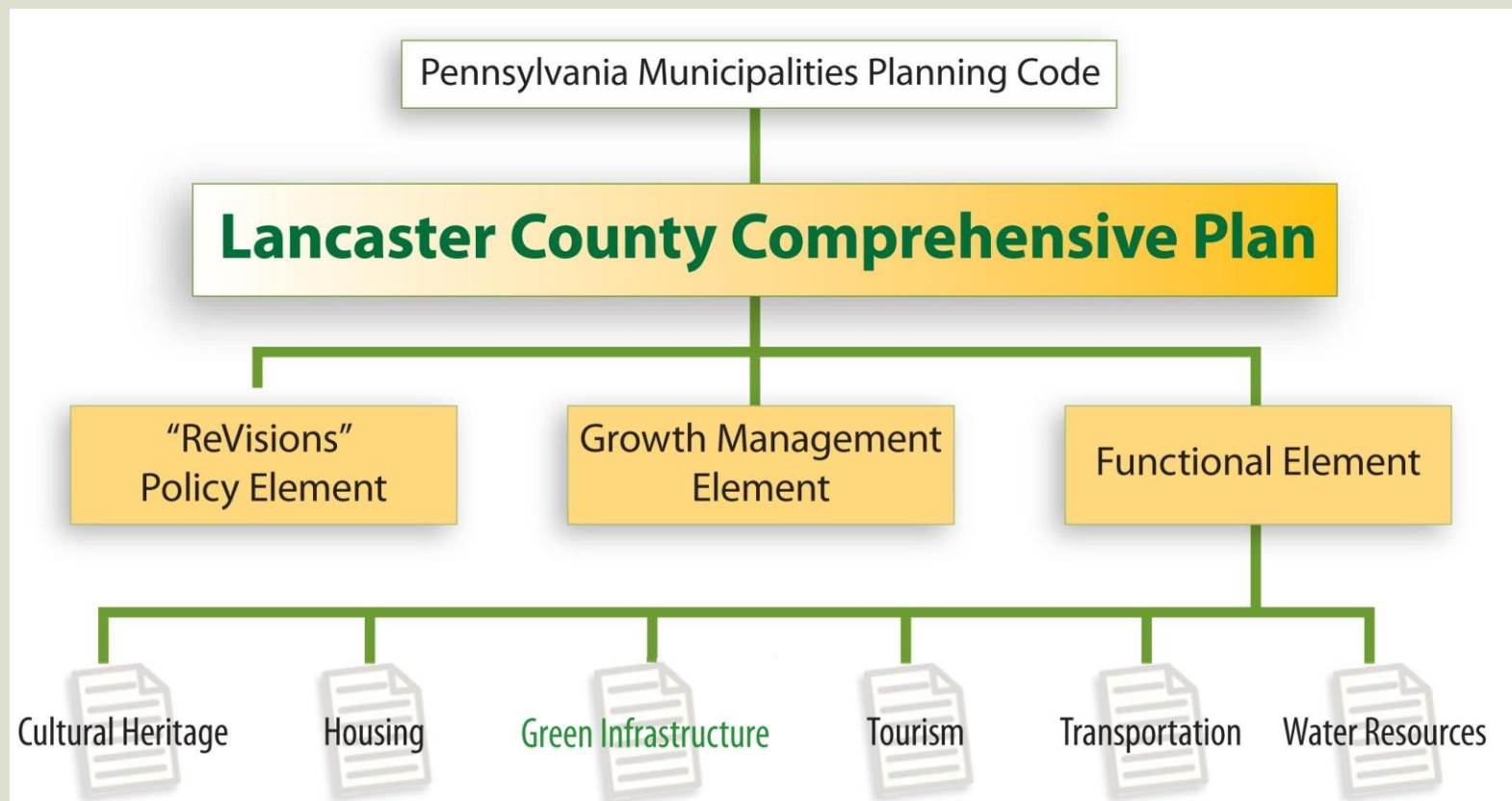
Greenscapes



**The Green Infrastructure Element
of the Lancaster County Comprehensive Plan**

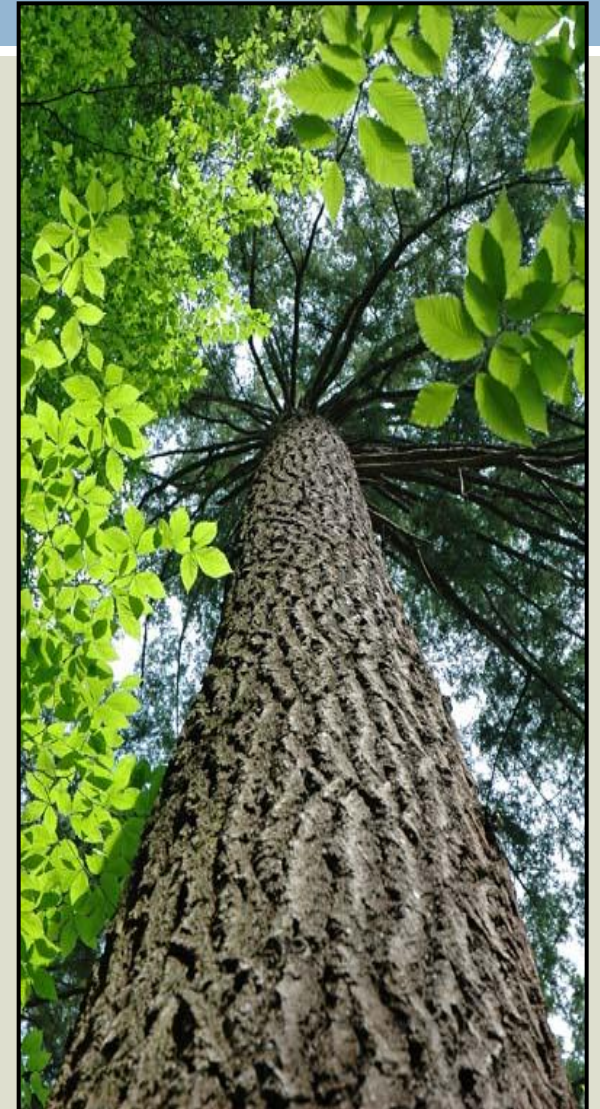
www.co.lancaster.pa.us/planning

Functional Elements of the Lancaster County Comprehensive Plan



What is Green Infrastructure?

- Green Infrastructure is a network of **natural areas, green spaces, and greenways** in rural, suburban, and urban areas that sustains ecological functions and values and provides a broad array of benefits for the people of Lancaster County and the surrounding region:
 - **Environmental Quality**
 - **Community Health**
 - **A Sustainable Economy**



What is the Green Infrastructure Plan Intended to Achieve?

- **Four Main Goals:**

- **Preservation**
- **Conservation**
- **Restoration**
- **Recreation**



Green Infrastructure Examples

Rural Areas



High Quality Waterways



Forest Land



**Species of Concern
Habitat**



**Native Plants and
Animals**

Green Infrastructure Intervention Examples

Urban Areas



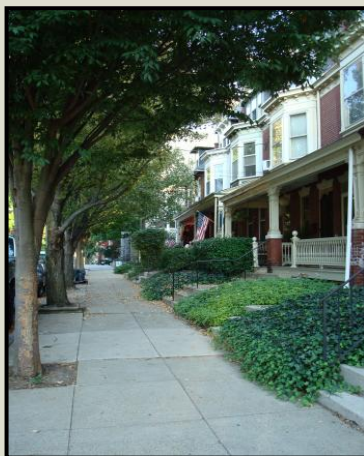
Green Roofs



Rain Gardens



**Porous
Pavement**



Street Trees



Rain Barrels



Tree Box Filters

- ❑ Mitigate Heat Island Effect
- ❑ Reduce Stormwater Runoff
- ❑ Filter Water
- ❑ Reduce Flooding
- ❑ Increase Infiltration
- ❑ Reduce Energy Cost
- ❑ Filter Air
- ❑ Reduce Noise
- ❑ Beautification
- ❑ Support Native Species

