Eco~TOD: Sustainable Transit Villages

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• Why Eco~TOD?
• Eco~TOD Examples
• How?

Aberdeen TOD Concept, MD
Why?

Trends

EcolInitiatives
Regeneration & Resilience

Competitive Places

Restoring Ecosystems

Thriving Communities
Twin Creeks, Oregon

- Seven housing types
- Two restored creeks
- 30% open space
- Future bus & commuter rail
- Mixed use core

2010 IMCL Child Friendly Communities Neighborhood Honor Award
Tysons Corner, Virginia

- Four new Metro stations
- Suburban retrofit
- 16% carbon reduction

2011 APA Daniel Burnham Award
Hammarby, Sweden
Hammarby Performance

- Mode all trips
  - 21% car
  - 52% transit
  - 27% bike/walk
- 28 u/a
  - 54% own
  - 46% rent

- Less autos
  - 0.65 parking/u
  - 210 cars/1000
  - 820 bikes/1000
- 270 sf open space/u
- 35% less impact
  - ½ energy on-site
How? Systems Thinking
Key Metrics

- Site
- Water
- Energy
- Health
- Materials
- Equity
- Beauty
STAR Community Index

10 guiding principles, 81 goals

• Environment
  – Natural Systems; Planning, Design; Energy, Climate

• Economy
  – Prosperity; Employment, Workforce Training

• Society
  – Education, Arts, Community; Health, Safety; Affordability, Equity
Key Actions

• Set Ambitious Goals
  – Social, eco, energy, water

• Take Holistic Corridor Approach
  – Prioritize Walk, Bike, Mixing Uses
  – Focus on Streets, Spaces

• Partner to Build, Maintain Legacy

cooperation w public agencies, non-profits & private developers