## Creating Sustainable Neighborhoods LEED-ND Assessment and Recommendations

### Global Green

http://globalgreen.org/leedndtechassist



## Global Green

- Environmental Non-Profit
- Based in Santa Monica
- Capacity Includes:
  - Green Rater
  - LEED ND Certification
  - Design Charrettes
  - Program Development
  - Education and Training
  - Outreach and Policy

#### City/County Assistance:

- City/County of Los Angeles
- New Orleans
- Youngstown, OH
- Pasadena
- Long Beach
- San Francisco
- Mountain View









Practice | Education



# LEED-ND Categories & Prerequisites



#### Smart Location & Linkage : WHERE

Smart Location
Imperiled Species & Ecological Conservation
Wetlands & Water Bodies Conservation
Agricultural Land Conservation
Floodplain Avoidance



#### Neighborhood Pattern & Design: WHAT

Walkable Streets

Compact Development

Connected & Open Community



#### Green Infrastructure & Buildings : HOW

Certified Green Building
Minimum Building Energy Efficiency
Minimum Building Water Efficiency
Construction Activity Pollution Prevention



# LEED-ND & Existing Neighborhoods

- San Francisco public housing revitalization
- San Diego Village at Market Creek standards
- Syracuse, NY SALT District assessment
- Cleveland three neighborhood plans
- Grand Rapids zoning code update





## Technical Assistance

- Three-day site visit and neighborhood assessment
- Four-person team
- Focused on a specific neighborhood
- Selected neighborhood needs a "catalyst" policy, project, or program driving change
- Assessment is a combination of technical review and stakeholder engagement
- Products are an annotated LEED-ND checklist and a report with recommended physical and policy changes.



# Technical Assistance

|          | Sample Site Visit Schedule |  |   |  |
|----------|----------------------------|--|---|--|
|          | Day One                    | Day Two                                      | Day Three                                 |  |
| 8:00 AM  |                            | Coordination Breakfast                       | Debrief Breakfast                         |  |
| 9:00 AM  | Travel Time                |  | Local government and stakeholder meetings |  |
| 10:00 AM |                            | Local government and<br>stakeholder meetings |   |  |
| 11:00 AM |                            |  | Finalize Assessment/Team                  |  |
| 12:00 PM |                            | Lunch and Tour                               |   |  |
| 1:00 PM  |                            | Editori dila Todi                            | Working Lunch                             |  |
| 2:00 PM  |                            | Discuss Initial Assessment/Prepare for       |   |  |
| 3:00 PM  | Arrival/Check In           |  | Check Out/Departure                       |  |
| 4:00 PM  |                            | Public Workshop                              |   |  |
| 5:00 PM  | Walk/Photograph            |  |   |  |
| 6:00 PM  | Target Development<br>Area | Conduct Public<br>Engagenent Workshop        | Travel Time                               |  |
| 7:00 PM  | Dinner with Hosts          |  |   |  |
| 8:00 PM  |                            | Dinner                                       |   |  |
| 9:00 PM  | Prepare for Day 2          | Dillillo!                                    |   |  |



# Technical Assistance Approach

# Achieved Baseline Conditions Local/Regional Planning Priority Regulatory Support Neighborhood Need / Community Input Market Conditions and Support Technical Issue

#### **LEED ND: Neighborhood Assessment Checklist**











raimi+ associates

FARR ASSOCIATES Architecture | Planning | Preservation

| I | ~ | Achieved via baseline conditions                        |
|---|---|---|
| I | ? | Not achieved via baseline conditions                    |
| ı |   | Not applicable - No need to assess                      |
| I |   | Explicity Support and no systematic issues              |
| I |   | Lack of explicit support or minor implementation issues |
| I |   | Opposition or signficant regulatory barrier             |

#### Smart Location and Linkage

**27** Points Possible

Required Required Required Required 10 2

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Required

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| Prereq 1 | Smart Location  |
|----------|---|
| Prereq 2 | Imperiled Species and Ecological Communities                              |
| Prereq 3 | Wetland and Water Body Conservation                                       |
| Prereq 4 | Agricultural Land Conservation  |
| Prereq 5 | Floodplain Avoidance  |
| Credit 1 | Preferred Locations   |
| Credit 2 | Brownfield Redevelopment  |
| Credit 3 | Locations with Reduced Automobile Dependence                              |
| Credit 4 | Bicycle Network and Storage   |
| Credit 5 | Housing and Jobs Proximity  |
| Credit 6 | Steep Slope Protection  |
| Credit 7 | Site Design for Habitat or Wetland and Water Body Conservation            |
| Credit 8 | Restoration of Habitat or Wetlands and Water Bodies                       |
| Credit 9 | Long-Term Conservation Management of Habitat or Wetlands and Water Bodies |

#### **Neighborhood Pattern and Design**

44 Points Possible



| Prereq 1 | Walkable Streets             |
|----------|------------------------------|
| Prereq 2 | Compact Development          |
| Prereq 3 | Connected and Open Community |

Required Required



## Potential Recommendations

- Modification to existing street pattern and location of additional streets, paths, walkways
- Update to bicycle master plan (lanes and storage)
- Pedestrian –oriented design standards
- Transit-oriented development standard
- Zoning revision to allow mixed-use or live-work
- Identifying sites for affordable housing
- Code revisions to enable farmers markets and urban agriculture
- Energy efficiency or green building policy



# How to Apply

- Deadline is November 23<sup>rd</sup> at 6 PM, PST
- http://globalgreen.org/leedndtechassist
- On-line application form
- Requires letter of support from Mayor or other local leader
- 8-9 location to be selected.
- Decision made by mid-December

