

Diagram of optical components of Hubble Space Telescope

Design detail from the 10,000 Year Clock



# Real World Tools for Smart Growth Implementation

Lessons from our Technical Assistance and Implementation Project

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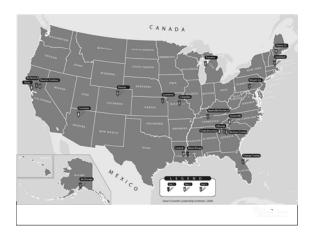






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### **EPA Grant: REGREF-03** "Making Smart Growth Work: Streamlining Development and Regulatory Reform" Awarded September 2003 · to develop a National Smart Growth Implementation Kit develop the Kit by working with communities around the country - Assess policies and implementing codes, ordinances, and regulations for consistency with smart growth goals; Provide guidance on the development of design review standards and design review protocol; - Assess approval processes and recommend efficiencies; and - Identify "smart sites" and help market sites for redevelopment. Year 1 and 2 Communities · Anchorage, Alaska · Nashville/Davidson County, Tennessee Baton Rouge, Louisiana Orange County, Florida · Lawrence, Kansas · Richmond, California · Lawrence, Massachusetts · Greenville, South Carolina Lithonia, DeKalb County, · Coconino, Arizona Georgia · Mount Joy Borough, · Chattahoochee Hill Country, Lancaster County, South Fulton, Georgia Pennsylvania · Davis, California Year Three Communities Scorecard/ Strategic Self-Assessment Assessment · Rancho Cordova CA · Columbia MO City of Traverse/Grand Traverse County MI Newton GA · Denver CO · City of Central LA





#### The Tools

Diagnostic Tools Prescriptive Tools Process Tools Strategic Assessment



#### Diagnostic Tools:

#### Code Audit

- Reviews zoning code, subdivision regulations, street design standards, building codes, and other land development regulations
- Checks consistency with suggested smart growth regulations
- Looks at four areas
  - Connectivity/Circulation
  - Infrastructure
  - ZoningSpecial Use Districts
- 15 Sub-Areas + 170 Dimensions



		Chattahoochee	

#### Code Audit

		ž	ž	3.5	_	Findings	_	Suggested Standards
7.5	Streetscape Features	_						
7.017	Are crosswalks allowed?		×			Not addressed.		Crosswalks should be allowed, an
7.00	Are pedestrian controlled crosswalk signals required?		×			Not addressed.		required on long blocks to provid access to commercial areas, schools, places of worship, transportation and recreation facilities. Crosswalk signals increase pedestrian safety and encourage
7,03	Is landscaping of medians or curbsides required?					Trees to be planted on both sides of all roadways except alleys and lanes, and except along greenways, a minimum 4-ft wide landscape are required. (12):6.0		walking.  Landscaping softens the street environment and makes it more attractive to pedestrians.
7.41	Are sidewalks allowed?	,						Sidewalks promote walking and contribute to pedestrian safety. Sidewalks should be required in urban and suburban areas to
277	Are sidewalks required?							provide for pedestrian safety.  Sidewalks should be provided on both sides of the street in commercial and industrial zones, and on at least one side of intern. residential subdivision streets.
2.00	Are sidewalks required on both sides of street?					Except on alleys or lanes or with waiver from Director of ECD.		residential subdivision streets.

Diagnostic Tools (Example from Chattahoochee):

#### Code Audit

#### Findings

The CHC Overlay District Resolution provides good code support for the policy laid down by the Guidelines. The MIX-CHC district, which will guide development in villages, allows a wider range of uses than does the CUP-CHC, which pertains to hamlets. Minimum percentages are established for broad use categories. At least 10 percent of the area covered by a hamlet master plan and 20 percent of the area covered by a village master plan are required to accommodate non-residential development. Residential minimums are set at 30 percent for hamlets and 60 percent for villages. No restrictions are placed on how these uses may be mingled.

#### Recommendations

While the Guidelines strongly promote connectivity and pedestrian environments, apart from requiring sidewalks and limiting block lengths the zoning document does not. We recommend adding language to require connectivity and standards for pedestrian crossings, particularly for villages. Since paths and trails are called for by policy, their provision should also be required in the MIX (ICzone as a component of connectivity).

#### Diagnostic Tools:

#### Policy Audit

- · Evaluates a community's land use and smart growth policies
- Compared to a comprehensive list of "best practices" or widely accepted smart growth policies.
- Where policies are found:
  - Comprehensive plan
  - Vision statements
  - Codes, zoning, subdivision regulations
  - Transportation policies, street standards, parking, design guidelines, parks and open space plans, etc.
- · Structured along 10 Principles of Smart Growth (62 Dimensions)



Diagnostic Tools (Example from Baton Rouge, LA):

#### Policy Audit

-	SMART GROWTH TEMPLATE	HORIZON PLAN	UNIFIED DEVELOPMENT CODE			
	Create A Range of Housing Opportunities and Choices					
1	Allow for accessory housing within single- family residential zoning districts		Garage apartments are allowed in the A2 Single Family Residential District (one unit no greater than 500 s.f. per parcel on parcels ove 10,000 s.f.) (Section 8.202) No accessory buildings may be used for residential purposes (Section 9,106)			
2	Provide for a wide range of housing types	(H1.5) Promote the development of alternative housing concepts in the publiciprivate sectors as a strategy to provide additional affordable housing. (H3.1) Promote availability of diverse housing opportunities for the elderly.	No codes are established to promote the development of low-income and moderate- income housing.			
3	Meet housing needs for all income groups	(H13) Increase public awareness of available housing opportunities for low- income and moderate income residents, (H14) Promote the availability of funding, both public and private, for all types of housing, (H15) Promote the development of alternative housing concepts in the public/private sections as a strategy to provide additional affordable housing, (H22) Support efforts to increase the availability of affordable housing in the private sector.	Within the double bind of minimum lot size an maximum density, the range of lot sizes may only be theoretically wide. With 11 residential soring districts established, then is probably sorted districts established, then is probably subdivisions.			
4	Allow live/work units		Not addressed in the UDC.			
5	Meet or exceed the regional fairshare housing allocation for both market-rate and affordable housing	(H1.2) Secure a commitment of City- Parish government to support a comprehensive and coordinated publicly assisted housing strategy.	Not addressed in the UDC.			

Diagnostic Tools (Example from Baton Rouge, LA):

#### Policy Audit

#### Findings

The Horizon Plan does not mention accessory housing units; live/work units; minimum lot sizes (although this can be found in the UDC); flexibility in housing sizes (although this can be found in the UDC); mixed income housing developments; and traditional neighborhood residential patterns to accommodate multiple housing types.

#### Recommendations

The SGLI Team encourages Baton Rouge to better integrate jobs and housing by mixing land uses within districts. We also recommend that a variety of housing types and sizes be allowed within zoning districts so that people can find suitable, affordable housing close to their work.

#### Prescriptive Tools:

#### Project Scorecard

- · A Questionaire to guide reviewers and stakeholders
- Evaluates proposed projects (and how well they adhere to Smart Growth Principles)
- · Used by communities for:
  - Gatekeeping
  - Incentive threshold
  - Exemplary Projects
  - Seal of Approval
  - Compare Proposals
    - two competing projects
       different projects on different sites

- · Ten Areas:

  - Location
     Service Provision and
     Government Expenditures
     Density and Compactness

  - Diversity of UseHousing Diversity

  - Transportation: Accessibility
     Transportation: Mobility and Connections
  - Community Character and Design

  - Environmental
     Stakeholder Participation and
  - Community Development

Prescriptive Tools (Example from Chattahoochee):

### **Project Scorecard**

	ne proposed project adversely impact road capacity? improve connectivity for all modes of transport?
Poor	Road capacity, based on local standards, is not available.     Project reduces potential connectivity between existing or planned projects.
Good	<ul> <li>Existing road capacity is not available, but capacity expansion is planned in local or other Capital Improvement Plan.</li> <li>Project does not adversely affect future options for connecting majo arterials or collector roads.</li> </ul>
Very Good	<ul> <li>Existing road capacity is not available, but capacity expansion is planned in local or other Capital Improvement Plan and funds are available publicly or privately to complete expansions.</li> <li>Project provides connectivity between two or more major arterials ocollector roads.</li> </ul>
Excellent	Road capacity is available, or the local jurisdiction has waived road capacity requirements to encourage certain kinds of development.     Project increases connectivity (for vehicles, bikes and pedestrians) between existing or planned development and improves the whole community's access to major arterials or mass transit.

#### Prescriptive Tools:

#### Design Standards

#### Design template

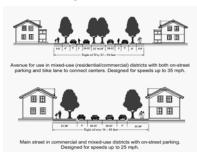
- General enough to accommodate different scales, scope, social context, institutional capabilities and development pressures (or lack thereof) of candidate communities.
- Tailored to community specifics

Design Guidelines used to:

- Preserve community character
- Follow/ emulate ideal precedents
- Useful "backdoor" to achieving community goals (when zoning/ code revisions are difficult to obtain)

Prescriptive Tools (Example from Baton Rouge):

### Design Standards



#### Process Tools:

#### **Smart Sites**

- A template for matching known infill sites with potential users of those sites.
- · Assists local government with identifying, preparing, assembling and providing incentives for the development of infill sites, including brownfields.
- Useful for lining up Federal, State and Local incentives to encourage projects in areas specified by community



Process Tools (Example from Lawrence, MA):

#### **Smart Sites**

- Loan or Grant
- Regulatory Reduction or Exemption/Procedural Relief
- □ Workforce Development/Business Advocacy

- Real Property Tax Credits Ten-year credit against local real property taxes on a portion of real property improvements. The credit is equal to 80% of the difference between the base assessed rate and the rate after the capital investment for the first five years and decreases 10% ornurally threadthe to 30% in the terth and last year.
- I years are sectiones runs onfusity meetaffer to 30% in the tenth and lost year.
  Income Fax Credit One or Three year state income tax credit for wages paid to new employees. The general credit is a one-firm \$1,000 credit per inew worker, for economically disadvantaged employees. The credit increases to a total of \$6,000 per work of distributed over 3 years.

#### Strategic Growth Assessment

What if we did an overall-diagnostic first?

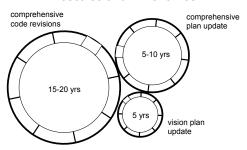
- 1. Code/Policy/Site Assessment
- 2. Market Analysis
- 3. Strategy high leverage moves
- 4. What events (threats, opportunities) create urgency to act?
- 5. Leadership Approach
  - · Who is on board (support, opposition?)
  - · What is their readiness?
    - o Depth of political commitment
    - o What is the momentum/series of past events?

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# Strategic Growth Assessment The major problems/issues? Urgent reason (threat or opportunity) to act? Who's part of broad guiding coalition? Best examples of successful momentum or collaboration in the region? What compelling vision for an alternative? What catalytic projects to leverage? What short-term wins? What we've learned About the tools and about smart growth implementation PAT SMART GROWTH Lessons Learned: Layers and Levels · All the codes and policies don't: - Live in the same document - Live in the same department - Live in the same jurisdiction · Codes and policies tend to be one size fits all

#### Lessons Learned

#### **Timescales and Timeframes**



#### Lessons Learned:

#### Insiders and Outsiders

- · Tools are intended to be for self-assessment
  - DO Try This At Home
  - But value in having someone from the "outside" do an evaluation
- Audit or assessment can stimulate staff / stakeholders creative thinking
- The big issue is often internal, involving the way planning, public works, and other departments all work together. Again, an outside assessment can bring a fresh look.

#### Lessons Learned:

#### Hammers and Levers

- · Tools requested not always tools needed
- Political commitment to smart growth often dies at some point up the bureaucratic or political food chain
- Focus on a catalytic project makes sense as a first step – it can turn the politics
  - Design guidelines can be a backdoor
- Ripeness for change a key issue. Tools helpful but communities need both WHAT and HOW

#### Lessons Learned:

#### Starting Blocks and Tipping Points

- Change is never linear
- Communities should look out for opportune moments:
  - New Staff (e.g., DPW chief)
  - New Leadership (County Executive or Mayor)
  - Driving event, e.g., Olympics, transit investment
  - Crisis, e.g., Natural disaster, loss of a major employer
  - · Other tipping points:
    - —Traffic
    - —School crowding
    - -Loss of open spacing
    - —Loss of housing affordability

#### Lessons Learned:

#### Paths of Least Resistance

- Opening opportunities for smart growth to occur is good
- BUT make sure the new opportunities are not more cumbersome than the "business as usual" route

#### Lessons Learned:

#### Pain and Passion (or lack thereof)

- Community participation is important and if done well, coalesces support
- There are painful issues that must be dealt with
  - no substitute to good zoning
  - there are no painless TDRs
- Benign government sometimes worse than active opposition

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#### Lessons Learned:

#### It's about Strategy

- There are multiple problems, multiple obstacles and multiples paths
- · You need quick wins that galvanize support
- Use the goodwill built up to navigate through the difficult issues
- Understand the timeframes and the moments of opportunity

#### Lessons Learned:

#### It's about Leadership

- Commitment to smart growth = long term approach that needs immediate wins that will galvanize support for long term goals
- Leadership for the long term is key to winning the drawn out battle
- Leading and mobilizing support is top of the agenda
- Leaders see the tunnel, the light at the end of the tunnel, and the next tunnel





#### **Next Steps**

What we're working on and thinking about



#### Beta Test and Rollout

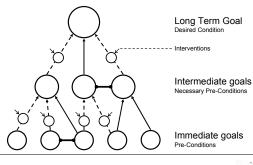
- · Self-testing the audit tools this year
- · Validating the other tools
- Target release of National Smart Growth Implementation Kit: 3Q 2007

## Leading Change in the Built Environment A Community Playbook

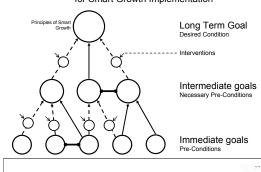
- · Communicate urgency
- · Establish a broad guiding coalition
- · Develop a vision for an alternative
- · Constantly communicate the new vision
- Engage leading local governments
- Leverage catalytic projects
- Allow broad-based action by changing systems/structures
- Generate short-term wins
- · Consolidate the gains and build on them
- Embed changes in the culture

\*Adapted from \*Leading Change: Why Corporate Transformations Fail

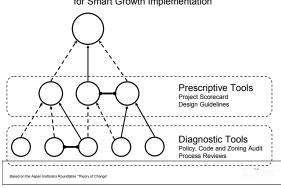
## Theory of Change for Smart Growth Implementation



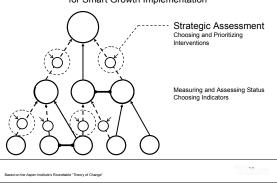
# Theory of Change for Smart Growth Implementation



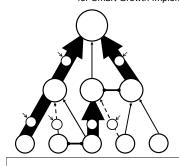
# Theory of Change for Smart Growth Implementation



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#### Theory of Change for Smart Growth Implementation

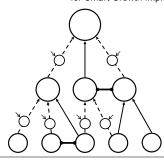


Leading Change in the **Built Environment** 

Mobilizing the community and community leaders to support interventions

Creating a culture that is open to change and smart growth

#### Theory of Change for Smart Growth Implementation



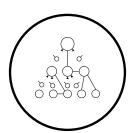
#### A Framework

for communities to think about the changes they need to do

#### A Process

for community leaders to undertake to map their paths to change

### Role of the Smart Growth Leader



- · Define goals
- · Determine strategy
- Assess preconditions
- Define timeframe and relevant cycles
- · Define measures of progress
- · Identify and gain quick wins
- · Select pathways to change
- Monitor and
- adjust strategy if needed
- Mobilize community
   Lead change
- Lead people
   Grow new leaders

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Based on the Aspen Institute's Roundtable "Theory of Change"	





## thank you

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