



01

Shrinking Cities

"Although a few cities have managed to reverse an earlier decline and are growing, most of the shrinking cities are continuing to shrink and it has to be accepted that the shrunken vertical cities will never grow back to their previous size and prosperity"

----Rybczynski and Linneman(1999).

Reasons

a)De-industrialization-Manchester、
Lancashire、Cotton

b)Sub-urbanization—Amercia

c)Post-socialist transition

d)Population aging

The shrinkage there does not involve a decay of whole areas

- American dream
- Federal government supportment
 (Roosevelt regime of the federal housing agencies/National Interstate and Defense Highways Act)(a 41,000 thousand miles highway system)



Time Table

1990s	Germany	Developing Country Urban population decay, followed by urban econmoy recession
The begining of 21st C	Europe	Europe was a region of shrinking and depopulation in modern society
After WWT	The Unite State	1950-1960, 38 large cities were shrinking, including Washington, Chicago and Detroit
1990s	Soviet Union	Countrieslike the Ukraine, Romania, Russia and East Germany
1990-2000	Developing Countr	From 1990 to 2000, 143 of the cities (10.2%) experience a population decline









Concept

The concept of right sizing was developed by Schilling and Logan (2008). It is similar to the concept of smart decline that was developed by Hollander and Németh (2012).

"Right sizing refers to stabilizing dysfunctional markets and distressed neighborhoods by more closely aligning a city's built environment with the needs of existing and foreseeable future populations by adjusting the amount of land available for development.

Benefits

Save the costs of maintaining blight and abandonment and improve the financial health of the city(Krohe Jr. 2011;Hollander 2011)).

In serving a smaller and more concentrated area, right-sizing strategies make cities more affordable and authorities can provide better public service (Markus Berensson, 2011).

To make a smaller, but greener city(Rybczynski and Linneman,1999).



Their inspiration came mainly from successful cutting-edge urban greening initiatives in pioneering cities, such as Philadelphia, Pennsylvania and Lawrence, Massachusetts (Schilling and Logan, 2008)

An effective approach to save the decay market and blight neighborhood, through a reasonable arrangement of the current building environment(Schilling and Logan, 2008)

The asset values around the greening and demolishment lots increased by 17%, compared to the asset values decreasing by 20% around the vacant and abandoned lands (Wachter and Gillen, 2008).

GI PLAN + LAND BANK + COLLABORATIVE PLAN

GI Plan

Land Bank

The target of land bank is to acquire vacant properties "through bank foreclosures, tax foreclosures or donated property and rehabilitate homes to return to the market place or demolish property for future development"

the government and related agencies could collect, temporarily manage and dispose of the vacant properties to maintain the neighborhood stability and change the vacant properties into green assets.

Collaborative Plan

- Preparation: Assess and survey existing conditions
- 2. Plan and Design: Engage in collaborative neighborhood planning process
- 3. Action: Implement green infrastructure and rightsizing plan

Government Consultative Approach

- Technocratic Process
- · Targeted high-level consultation with selected segments of the public
- Time frame determined by government agencyLimited public influence on final outcome
- Government seeks information from public but makes final policy decision, e.g. public meetings, direct mail, survey, public submissions

- Create green infrastructure right-sizing plan
 - Identify potential green infrastructure linkages
 - Identify strategic investment areas and pilot projects
 - Identify and engage neighborhood and citywide stakeholders
- Provide relocation and displacement assistance
 - Begin strategic transfers, demolition, rehabilitation
 - Pursue and obtain initial funding
 - Establish land bank
 - 3. Identify possible revenue options&business models
 - Identify and rectify potential legal barriers
 - Inventory and map, open space, trails, etc., and identify underserved areas
 - conduct environmental assessment of vacanies

Consultative Approach

- Targeted detailed consultation with relevant public/community groups in region directly affected by policy or program
 - Formal government driven process
- Time frame determined by government agency
 - Some community influence on outcome
- · Government agency determines final decision, e.g. workshops, advisory committees, focus groups.
- Government autonomous approaches from a low level of consultation to a high level (Adapted from Yee, 2010)



04

Case Study

Youngstown

Cleveland

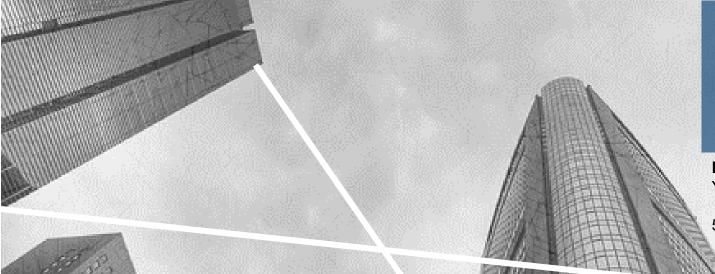
Buffalo

Case Study

City	Sources	Vision	Projects	Green Initiatives	Strategies
Youngstown	Youngstown 2010 Plan (City of Youngstown; HuangHe, 2011; Terry Paris Jr., 2010; Dan Kildee et al, 2009)	Accepting that Youngstown is a smaller city; Defining Youngstown's role in the new regional economy; Improving Youngstown's image and enhancing quality of life; A call to action.	Green Network; Competitive Industrial Districts; Viable Neighborhoods; Vibrant Core	Manicured lots with flowers, trees and rocks dot; Urban agriculture to distribute fresh local produce to underserved neighborhoods in the city; Wetlands in eastside; Establishing greenways along river and stream corridors	Clear up urban spatial environment; Demolish vacant properties and change them to greening space; Adjust urban range; Applicable zoning regulations
Cleveland	Re-Imagining Cleveland and Sustainable Cleveland 2019 (Cleveland Urban Design Collaborative; Cleveland City Planning Commission, 2008; Alan, Lisa and Joseph, 2005, Not known, not known)	Cleveland, a cleaner, healthier, more beautiful, and economically sound city;Treating vacant sites as viable opportunities for future development.		areas and linkages between green space within the city and region; Ecosystem restoration to manage storm water; Increasing biodiversity; Low-mow native landscapes; Community gardens, market gardens and urban farms are emerging throughout the city	infrastructure strategies to expand recreation opportunities and the green space network, to improve ecosystem function and remediate contaminated

This table shows the visions, projects, strategies of right sizing in Youngstown, Cleveland and Buffalo.

ity	Sources	Vision	Projects	Green Initiatives	Strategies
Buffalo	5 in 5 Plan (Brown,	Decrease the vacant rate	Demolish 5,000 properties in five		Preferentially demolish areas with
	2007; Schillings	close to 5%; Accelerate	years; Create development and		redevelopment plans in place, as
	2008(2); Jason,	our economic revival,	investment opportunities; Save the		well as sites posing a threat to
	2013; City of	removing blight and	city money over the long term;		public safety
	Buffalo, 2007)	opening up shovel-ready	Ensure greater public safety		
		sites for new investment.			
Properties Campaign an "Blueprint B (Blueprint B Policy Brief; Blueprint Bu	National Vacant	City and its first ring	Create a citywide vacant	A regional green infrastructure	Blueprint Buffalo recommends four
	Properties	suburbs faced with	properties initiative; Develop an	with the help of land bank and	fundamental vacant property
	Campaign and	problems like old housing,	agenda that is responsible for the	land trust	strategies: Develop a regional real
	"Blueprint Buffalo"	vacant commercial area,	vacant properties in suburban;		property information system;
	(Blueprint Buffalo	deteriorating infrastructure	Creation of an Erie-Buffalo Vacant		Institute a comprehensive code
	Policy Brief;	and population loss and	Properties Coordinating Council to		enforcement approach; Establish a
	Blueprint Buffalo		solve the problems about blight		multi-purpose land bank authority
	Action Plan)		and abandonment in the region,		or program and green infrastructure
		address vacant problems.	offer a communication and		initiative to right size the city's
			information sharing platform and		most distressed neighborhoods;
		The second secon	develop institutional capacities		Create a holistic policy framework
			and partnerships; Establishment of		for the redevelopment of grey field
			Buffalo-Niagara as a Vacant		and brown fields.
			Property Living Laboratory		
	The Queen City in	Buffalo's future	All other planning initiatives in the	Create a greenway trail;	Sustainability; Smart growth; Fix
	the 21st Century:	development should be	city, including The Queen City	Restoration of Lasalle Park;	the basics; Build on assets
	Buffalo's	sustainable and integrate	Hub; A Strategic Regional Action	Development of new parks;	
	Comprehensive	economic, environmental		Expanding the system of	
14 14	Plan	and social concerns.	Waterfront Revitalization Program		A SHIP THE CALL
	(Comprehensive		the Olmsted Parks Restoration and	CONTRACTOR OF THE PROPERTY OF	
	Plan, 2007)	A 100 - 100		infrastructure composed of	
2			Niagara Medical Campus Master		一个学生。
			Plan	Green building techniques	



Youngstown 2010 Citywide Plan

History:

Youngstown comprehensive planning (1951, update 1974)

50% population drop (by the end of 2002)

DETAILS

2010 Citywide Plan:

- The pioneer to using the right-sizing framework in reviving a shrinking city to make the city clearer, smaller and greater.
- As Hunter Morrison, director of the Center for Urban and Regional Studies at Youngstown State said, "accepting we're going to be a smaller city was key".
- Smaller does not mean we "give up". According to Jay Williams, the mayor at that time, investment should be made in the sustainable development areas in the city and long-term investments should not be made in the areas that are not sustainable.

Strategies of right-sizing: demolitions, rehabilitation and using green assets to green the surplus infrastructure

Large-scale public participation: more than 5,000 people are engaged / Public inclusion was a top priority in the Youngstown 2010 planning process from the beginning as wrote in this plan.

Funds: mainly come from the city budget, as Mayor Jay William said, "However, the financial problems also affected the demolishment process"

Land bank: In 2006, Ohio enacted a law that reverted the long-term vacant properties that had defaulted on real estate tax more than their market value back to the government. This meant that the city land banks of Ohio could quickly obtain abandoned properties for renovation.

Argument: without a head since Anthony Kobak quit in 2009(Daniel, 2015)

Did not become real resources of economic development.

Urban poverty and economic crisis and failing school areas are still serious problems in this city after implementing the right-sizing framework for several years (Schilling, 2008)



Re-Imagining Cleveland and Sustainable Cleveland 2019

The population had decreased to almost half(1950-2000)

In 2010, it was the top city in Forbes' most miserable city list

Targets: to develop the urban vacant properties for future use, to create a comprehensive GI and to make green space as economic assets through urban farming and energy production.

There are various food production land types, such as community gardens, market gardens and urban farms and there are more than 160 community gardens in Cleveland.

The main features are the holding strategies according to the development potential. If the "Site has strong development potential within the next five years" or the "Property owner or community partner has the capacity to install and maintain landscape intervention", the site could be held for a short term, but, if not, the vacant properties should be preserved long-term or permanently.

Pilot Projects: 56 vacant lands are preferentially funded

Land Bank: The Land Bank in Cleveland listed eight thousand vacant properties and also has a mechanism to decide whether the vacant properties should be preserved or not(oldest land bank in the United States.). Similar to Youngstown, the State of Ohio issued land bank legalization to deal with the vacant and abandoned problems.

it is successful for several reasons, such as the strategies to hold the land for redevelopment, the support of local legislation and the co-operation among the city, suburbs and neighborhoods (Schilling, 2008)

Queen City in the 21st Century: Buffalo's Comprehensive Plan

A right-sizing method including:

Through rehabilitation reconstruction and demolition, rebuilding neighborhoods and meeting the needs of population shrinkage and a possible increase in the future.

Restore the urban fabric, natural environment, building relations between the old and new and through waterfront revitalization, to accelerate the greening and accessibility of the waterfront.

However, this plan design does not recognize that population decline cannot be reversed in a short period of time. The plan focuses on the resilience of planning in urban design, capital investment, education and related activities to build a prosperous, green and livable city for citizens.

"5 in 5 Demolition Plan

Target: to demolish 5,000 properties in five years, which would decrease the vacant rate close to 5%, with the co-operation of the City-State-Federal-community partnership.

Funds: \$100 million(\$60 million from New York State, \$20 million from the City of Buffalo, \$15 million from the federal government, \$5 million from the City-Community)

The National Vacant Properties Campaign (NVPC) & its Technical Assistance Demonstration Program

At the regional level: NVPC offered a "regional framework for both abatement and prevention of further vacancies" for this city to address the abandoned and vacant buildings. The NVPC spent nine months in the Buffalo-Niagara region carefully investigating and reporting on the history, vacant condition, population loss, decaying real estate market and economy. The campaign developed a "blueprint buffalo" report to address the surplus vacancies. It provides a policy framework to tackle the issue of urban shrinkage at a regional scale. In this plan, almost all of the strategies refer to making the right size according to current and future demands

Buffalo

Buffalo was the national economy center, relying on industry and manufacturing, due to its location on the Great Lakes, from the 1830s to the 1900sAccording to demographic statistics, the population dropped from 580,132 in 1950 to 261,310 in 2010 (Jason, 2013)

