

# Rating Green Cities

European cities are a powerful source of potent ideas and inspiring practice.

Are they models for American sustainable cities?

How can we evaluate them?



**Global Cities**

from **Squint/Opera** HD 3 years ago NOT YET RATED

The Global Cities Institute focuses on the evolving role of cities and regions in realising social, economic and environmental aspirations. The institute, a not-for-profit initiative by Aecom, draws on the company's fully integrated planning, design, engineering and management capabilities to help improve cities. The 'CITY' graphic creatively evolves with each description from growing to shrinking, green to arid, wealthy to poor. The film effectively and artistically explores this cross section of cities, questioning the approach on how to deal with these current urban problems.

<http://vimeo.com/27484133>

## Comparing the U.S. and Europe

United States	Europe
Autonomy	Embeddedness
Self-Reliance	Inclusive Relationships
Risk-Takers	Risk-Averse
Personal Wealth	Quality of Life
Private Property	Collective Responsibility
Nature: to be conquered	Nature: “invisible web of life”
Economic Growth	Sustainable Development
Emphasis on Work	“Leisure and deep play”

Source: Summary from Rifkin, *The European Dream*



Garden Bridge, London  
Proposal accepted by  
Mayor Boris Johnson  
For construction in 2016



## The Freiburg Charter for Sustainable Urbanism

The Twelve	Guiding	Principles
<b>Spatial</b>	<b>Content</b>	<b>Process</b>
Diversity, Safety, & Tolerance	Education, Science, & Culture	Long-Term Vision
City of Neighborhoods	Industry & Jobs	Communication & Participation
City of Short Distances	Nature & Environment	Reliability, Obligation, & Fairness
Public Transport & Density	Design Quality	Co-operation & Partnership

## Beatley Paragraph Headings

- Sustainable Mobility
- Walking Cities
- Biophilic Cities
- Climate Change & Renewable Energy
- Sustainable Urban Metabolism
- Green Governance
- Models for the Future

Source: Green Cities of Europe

	Green	City	Scorecard	
Individual Isolated Reactive				Collaborative Integrated Networked
		<b>Mobility</b>		
Pvt. Car Only	o	o	o	Bikes/Transit Networks
		<b>Walkability</b>		
<u>Ped.</u> Barriers	o	o	o	<u>Ped.</u> Friendly
		<b>Biophilia</b>		
Brownfield	Barren Hardscape	Private Lawns and Gardens	Some Public Parks	Park Network
		<b>Carbon/Energy</b>		
Wastefulness	o	o	Incentives	Pro-Planet
		<b>Metabolism</b>		
Throughput (Goods in Waste Out)	o	o	o	Closed Loop (Waste as Input)
		<b>Governance</b>		
Selfishness Anarchy	Top-Down	o	o	Cooperation Collaboration
		<b>Planning</b>		
No Plan	o	Future Goals	o	Plan Fulfillment
		<b>Culture</b>		
Fear of Others	o	o	o	Celebrated Diversity Valued

## Rubric for Energy Production



5 bins from worst to best

<b>mobility</b>	Private Car Only			Bikes and Transit Networks	
<b>walkability</b>	Pedestrian Barriers			Pedestrian Friendly	
<b>biophilia</b>	Brownfield	Barren Hardscape	Private Lawns	Some Public Parks	Park Network
<b>energy</b>	Wastefulness			Incentives	Pro-Planet
<b>metabolism</b>	Throughput (goods in waste out)				Closed Loop (waste as input)
<b>governance</b>	Selfishness/ Anarchy	Top-Down			Cooperation
<b>planning</b>	No Plan		Future Goals		Plan Fulfillment
<b>culture</b>	Fear of Others				Celebrated Diversity Valued

# The Green City Scorecard

# Copenhagen

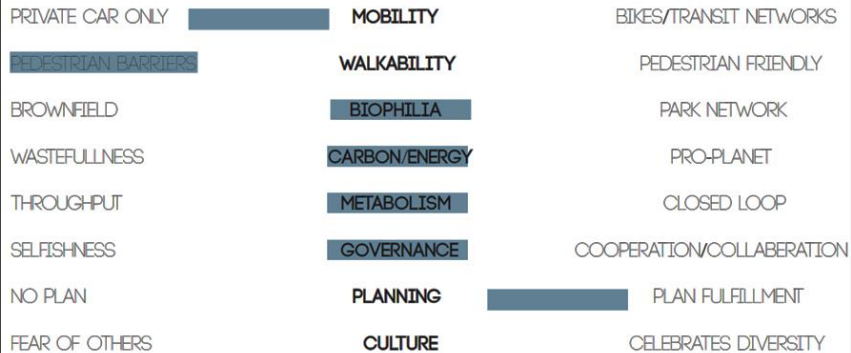
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<b>culture</b>	Fear of Others	Celebrated Diversity Valued			

## The Green City Scorecard

## Venice

# SCORECARD ANALYSIS

### GREEN CITY SCORECARD



## GREEN CITIES CHECKLIST GUIDEBOOK

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WHAT	INDIVIDUAL (ISOLATED, REACTIVE)			GREEN HOUSEHOLD			CITIES NEIGHBORHOOD COMMUNITY			CHECKLIST CITY, TOWN			REGION (INTEGRATED, NETWORKED)		
	MOBILITY														
	P	IP	C	P	IP	C	P	IP	C	P	IP	C	P	IP	C

		INDIVIDUAL (ISOLATED, REACTIVE)			GREEN HOUSEHOLD			CITIES NEIGHBORHOOD COMMUNITY			CHECKLIST CITY, TOWN			REGION (INTEGRATED, NETWORKED)		
WHAT		MOBILITY														
		P	IP	C	P	IP	C	P	IP	C	P	IP	C	P	IP	C
PRIVATE AUTOS	ACCESS TO STREETS, HIGHWAYS, FREEWAYS															
CAR SHARES TAXIS	CAN CHOOSE TAXIS, CAR SHARES				USE CAR SHARES AND TAXIS			NEIGHBORHOOD CAR SHARES ELECTRIC CAR PLUG-INS								
BIKES CAR POOLS					MAY CAR POOL ACCESS TO BIKE PATHS AND LANES			NEIGHBORHOOD CAR POOLS, BIKE PATHS/LANES			CIVIC BIKE-SHARE AND BIKEWAY SYSTEM					
PUBLIC TRANSIT								NEIGHBORHOOD BUS/TRAM LINES			CITY-WIDE TRANSIT SYSTEM					
PLANES TRAINS																



