

L I F E 0 3 T C Y / C Y / 0 1 9

# URBAN GUARD

Capacity building for enabling the incorporation of sustainability parameters in urban spatial development and planning policies and practices through the use of indicators in Cyprus

## Sustainability Indicators

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REPUBLIC OF CYPRUS  
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DEPARTMENT OF TOWN PLANNING AND HOUSING

# FINAL LIST OF URBANGUARD INDICATORS

*Information is provided at Environmental Area (EA) level, unless otherwise noted; "Key Spatial Development Indicators" are shown in bold typeface; an asterisk (\*) indicates that data is currently not available at the desired level or format and that its collection should be requested from CYSTAT and other data-collecting organisations.*

Policy Area		Indicator
TERRITORIAL COHESION	1.	<b>GDP (gross domestic product) at Local Authority level*</b>
	2.	Total population distribution by sex and age group
	3.	<b>Public expenditure on basic infrastructure at Local Authority level</b>
	4.	<b>Public expenditure on service provision to citizens at Local Authority level</b>
	5.	Average household income*
	6.	Number of employees by sex and employment sector
	7.	Unemployment rate by sex and age group
	8.	Non-EU nationals as a percentage of total population
RESIDENTIAL POLICY	9.	Average household size
	10.	Average area of dwelling unit*
	11.	Ratio of owned to rented households, excluding refugee housing estates
	12.	Percentage of total population living in refugee housing estates
	13.	Ratio of change in dwelling unit development to change in household number*
	14.	Average population densities in urban agglomeration rings (pyramid concept)
	15.	<b>Total potential population capacity within development boundaries</b>
	16.	<b>Actual population within development boundaries as a percentage of total potential population capacity</b>
	17.	<b>Ratio of the potential population capacity of developed residential areas to their actual population</b>
	18.	<b>Percentage of undeveloped land in designated residential zones</b>
	19.	Percentage of undeveloped residential land at urban agglomeration ring level
	20.	Ratio of remaining dwelling capacity to number of actual building permits issued*
	21.	Number of dwelling units outside development boundaries

<b>RETAIL AND OFFICE POLICY</b>	22.	<b>Retail and office land use as a percentage of total development within designated commercial areas</b>
	23.	Percentage of vacant retail and office space within designated commercial areas*
	24.	<b>Percentage of total retail and office development occurring outside designated commercial areas*</b>
	25.	<b>Ratio of retail expenditure in CBD to total retail expenditure at Development Plan level*</b>
	26.	Annual growth rate of retail expenditure inside CBD at Development Plan level*
	27.	Annual growth rate of retail expenditure outside CBD at Development Plan level*
	28.	Total number and floor space of big scale retail developments outside designated commercial areas
	29.	Total number and floor space of big scale office developments outside designated commercial areas
<b>TOURISM POLICY</b>	30.	Tourist bed density in designated tourist zones
	31.	<b>Percentage of designated tourist zones developed</b>
	32.	<b>Residential land use as a percentage of total development within designated tourist zones</b>
	33.	Percentage of undeveloped land in designated tourist zones
	34.	Percentage of seafront allocated as tourist zones at Development Plan level (where applicable)
<b>TRANSPORT POLICY</b>	35.	<b>Modal split for public transport*</b>
	36.	Average commuting time
	37.	Average travel time by trip purpose and mode of transport*
	38.	<b>Traffic Volume Index*</b>
	39.	Ratio of car ownership per household*
	40.	Ratio of road space per capita
	41.	Percentage of total area devoted to road space
	42.	Number of parking spaces per developed commercial unit area
	43.	Total number of bus routes at Development Plan level
	44.	Percentage of total road length serving bus routes
	45.	Average frequency of bus trips
	46.	<b>Percentage of total population living outside catchment areas of bus stops</b>
	47.	Percentage of total road length with traffic calming measures

<i>TRANSPORT POLICY (continued)</i>	48.	Ratio of independent cycle route length to total road length
	49.	Ratio of independent pedestrian route length to total road length
<b>INDUSTRIAL POLICY</b>	50.	Percentage of designated industrial areas and zones developed
	51.	Percentage of designated workshop areas and zones developed
	52.	Number of incompatible industrial and workshop units outside designated areas and zones
<b>HEALTH, EDUCATION AND COMMUNITY SERVICES POLICY</b>	53.	Ratio of public hospital beds per capita at Development Plan level
	54.	Ratio of private hospital beds per capita at Development Plan level
	55.	Ratio of public outpatient units per capita
	56.	Ratio of private clinics and practices per capita
	57.	Ratio of public schools by category per capita
	58.	Ratio of private schools by category per capita
	59.	Ratio of public libraries per capita
	60.	<b>Ratio of community services by category per capita</b>
	61.	Implied catchment areas of health, education and community services by category
	62.	<b>Percentage of total population living outside catchment areas of health, education and community services by category</b>
	63.	Crime rates by category*
<b>SPORT, RECREATION AND ENTERTAINMENT POLICY</b>	64.	<b>Percentage of total area designated as public green space</b>
	65.	Ratio of public green space area by category per capita
	66.	<b>Percentage of total population living outside catchment areas of public green spaces</b>
	67.	Ratio of sports facilities by category per capita
	68.	Ratio of area devoted to sports facilities per capita
	69.	Adequacy of sports facilities (questionnaire)*
	70.	<b>Density of basic entertainment establishments</b>
<b>HERITAGE AND CULTURE POLICY</b>	71.	Ratio of cinema seats per capita
	72.	Percentage of historic cores designated as conservation areas at Development Plan level
	73.	Number of designated Ancient Monuments (Antiquities Law)
	74.	Percentage of Ancient Monuments restored or excavated

<i>HERITAGE AND CULTURE POLICY (continued)</i>	75.	<b>Percentage of assessed heritage structures designated as Listed (Town and Country Planning Law)</b>
	76.	<b>Percentage of Listed Buildings restored</b>
	77.	<b>Expenditure on Listed Building and Ancient Monument restoration (including archaeological excavation) as a percentage of GDP</b>
	78.	Number of public/ private museums
	79.	Number of public/ private theatre venues
	80.	Ratio of annual theatre attendance per capita
	81.	Adequacy of cultural infrastructure (questionnaire)*
	82.	Adequacy of cultural events (questionnaire)*
<b>ENVIRONMENT AND LANDSCAPE POLICY</b>	83.	<b>Percentage of total area designated as open space</b>
	84.	<b>Percentage of total area designated for nature protection</b>
	85.	<b>Intrusion of development into areas of high environmental value</b>
	86.	<b>Intrusion of development into good agricultural land</b>
	87.	Percentage of protected natural areas in need of rehabilitation*
	88.	Percentage of total area contaminated/ derelict (brown field)*
	89.	Percentage of contaminated/ derelict land restored per annum*
	90.	Percentage of total coastline designated as protected area at Development Plan level (where applicable)
	91.	Percentage of assessed landscapes designated as protected (Florence Convention)*
	92.	<b>Number of protected landscapes with management plan at Development Plan level*</b>
	93.	Number of protected trees and groups of trees at Development Plan level
	94.	Emission level of ozone precursors
	95.	Days per year exceeding NO <sub>2</sub> limits
	96.	Percentage of population exposed to excessive noise pollution
	97.	Ratio of water consumption per capita at Local Authority level
	98.	Percentage of wastewater recycled at Local Authority level
	99.	Energy consumption by fuel type at Local Authority level
	100.	Percentage of energy produced from renewable energy sources at National level