

Proposed Shortlist of Indicators

This list covers the deliverable "Shortlist of indicators" for Task 3.

Proposed Shortlist of Indicators

	URBAN TYPOLOGY
1	GENERAL CLASSIFICATION OF CITIES
2	URBAN GROWTH TYPOLOGY
3	NUMBER OF SMALL AND MEDIUM SIZED CITIES
4	NUMBER OF MUNICIPALITIES (ADMINISTRATIVE DIVISIONS)
	ENVIRONMENT
	<i>WATER</i>
5	DRINKING WATER QUALITY
6	WATER CONSUMPTION PER CAPITA
7	WATER CONSUMPTION PER CONSUMER GROUP (DOMESTIC, SERVICES, INDUSTRIAL)
8	SEAWATER QUALITY AROUND MAIN COASTAL TOWNS
9	PROPORTION OF DWELLINGS CONNECTED TO SWERAGE TREATMENT SYSTEMS
	<i>WASTE MANAGEMENT</i>
10	TOTAL SOLID WASTE COLLECTED (DOMESTIC, COMMERCIAL) BY MUNICIPALITY
11	TOTAL SOLID WASTE COLLECTED (DOMESTIC, COMMERCIAL) BY AREA
12	PROPORTION OF SOLID WASTE PROCESSED (LANDFILL, INCINERATOR, RECYCLED)
13	FREQUENCY OF GLASS WASTE SORTING AMONG RESIDENTS (% OF RESPONSES)
	<i>CLIMATE CHANGE</i>
14	NUMBER OF DAYS OF RAIN PER MONTH
15	AVERAGE NUMBER OF HOURS OF SUNSHINE PER DAY (AVERAGE OVER A YEAR)
	<i>ENERGY USE</i>
16	TOTAL ENERGY USE PER FUEL TYPE (COAL, OIL, ELECTRICITY, NATURAL GAS ETC)
17	TOTAL ENERGY USE PER FUEL TYPE BY SECTOR (DOMESTIC, COMMERCIAL, SERVICES, INDUSTRIAL, TRANSPORT)
18	PERCENTAGE OF FINAL ENERGY CONSUMPTION BY SECTOR (COMMERCIAL, SERVICES, INDUSTRIAL, TRANSPORT)
19	ELECTRICITY CONSUMPTION PER CAPITA
20	GAS CONSUMPTION PER CAPITA
21	CO2 EMISSIONS PER CAPITA
	<i>LAND USE</i>
22	GREEN SPACE WITH PUBLIC ACCESS (SQ. METRES PER CAPITA PER AREA)
23	PERCENTAGE OF POPULATION WITHIN 15 MINUTES WALKING DISTANCE FORM PEDESTRIAN AREAS
24	PERCENTAGE OF URBAN AREA UNUSED
25	PERCENTAGE OF MAIN LAND USES BY URBAN AREA
26	PERCENTAGE OF URBAN AREA SUBJECT TO SPECIAL PLANNING/ CONSERVATION MEASURES
27	URBAN LAND AVAILABLE FOR MUNICIPAL USE
28	URBAN LAND AVAILABLE FOR PUBLIC USE
29	POPULATION DENSITY
30	TOTAL RESIDENT POPULATION PER SQ. KILOMETRE

31	DWELLING LIVING SPACE (PERSONS PER ROOM)
32	PERCENTAGE OF URBAN SURFACE FOR COMERCIAL AREAS AND SHOPPING MALLS
33	NUMBER OF LOCAL GREEN AREAS AT NATIONAL/ CITY LEVEL
34	NUMBER OF PARKING PLACES PER CITY PER YEAR
35	NUMBER OF ROADS IN RURAL TERRITORY (outside city administration limits)
36	NUMBER OF ROADS IN NATURAL SITES
	AIR QUALITY
37	DAYS PER YEAR SO2 EXCEEDS 125 g/m3 AT 24-HR AVERAGING TIME
38	DAYS PER YEAR O3 EXCEEDS 120 g/m3 AT 24-HR AVERAGING TIME
39	DAYS PER YEAR NO2 EXCEEDS 200 mg/m3 AT 24-HR AVERAGING TIME
	NOISE POLLUTION
40	PROPORTION OF POPULATION EXPOSED TO OUTDOOR NOISE LEVELS ABOVE 65 Db/24-HR AVERAGING TIME
41	SHARE OF PEOPLE LIVING IN NOISY AREAS
	TRAFFIC
42	TRAFFIC GROWTH
43	TRAFFIC FLOW (KM/HR AT PEAK HOUR)
44	TRENDS IN TOTAL TRAFFIC VOLUME AND SHARE OF PUBLIC TRANSPORT
45	TRENDS IN TOTAL TRAFFIC VOLUME AND SHARE OF PRIVATE CARS
46	TRENDS IN TOTAL TRAFFIC VOLUME AND SHARE OF PUBLIC TRANSPORT PER DAY
47	TRENDS IN TOTAL TRAFFIC VOLUME AND SHARE OF PRIVATE CAR PER DAY
	BIODIVERSITY
48	IDENTIFICATION OF BIODIVERSITY LEVELS ACCORDING TO LAND COVER (DUSAF)
49	BIRDS AS INDICATORS OF UNSPOILT AND UNDISTURBED HABITATS
50	SITES OF PLANT SPECIES INDICATING MIXED FOREST
51	SURFACE AREA OF NATURE RESERVE SITES
52	TOTAL AREA OF NATURE RESERVES IN RELATION TO OVERALL CITY AREA
53	HABITAT PROTECTION AREAS UNDER NATURE CONSERVATION LAW (% OF THE TOTAL AREA / NUMBER OF SITES)
	SOCIETY
	WELFARE AND GOVERNANCE
54	TOTAL EXPENDITURE ON SOCIAL SERVICES AT NATIONAL LEVEL
55	TOTAL EXPENDITURE ON SOCIAL SERVICES AT LOCAL LEVEL
56	PERCENTAGE OF POPULATION COVERED BY HEALTH INSURANCE
57	PERCENTAGE OF DISABLED PEOPLE IN EMPLOYMENT COMPARED TO TOTAL NUMBER OF DISABLED PEOPLE OF WORKING AGE (18-65)
58	FAMILY PLANNING SERVICES NATIONAL/ LOCAL LEVEL
59	STRESS MANAGEMENT SERVICES NATIONAL/ LOCAL LEVEL
60	TOLERATION OF SMOKING IN PUBLIC PLACES
61	INFLUX OF REFUGEES (NUMBER PER YEAR)
62	TOTAL NUMBER OF CITIZENS ASSOCIATIONS
63	NUMBER OF CITIZENS PARTICIPATING IN NATIONAL ELECTIONS
64	NUMBER OF CITIZENS PARTICIPATING IN LOCAL ELECTIONS
65	NUMBER OF THE NATIONAL GOVERNMENT MEMBERS
66	NUMBER OF DEPUTIES
67	NUMBER OF ELECTED LOCAL GOVERNORS

68	NUMBER OF NOMINAL COUNCILLORS
69	COST OF FOOD (PERCENTAGE OF INCOME SPENT ON FOOD)
70	TELECOMMUNICATIONS (NUMBER OF TELEPHONES PER 100 PERSONS)
71	TELECOMMUNICATIONS (NUMBER OF INTERNET CONNECTIONS PER 100 PERSONS)
72	TELECOMMUNICATIONS (NUMBER OF MOBILE PHONES PER 100 PERSONS)
	HOUSING
73	NUMBER OF CONVENTIONAL DWELLINGS
74	PROPORTION OF CONVENTIONAL DWELLINGS USED BY STUDENTS
75	PROPORTION OF HOUSEHOLDS LIVING IN SINGLE FAMILY DWELLING UNITS
76	PROPORTION OF HOUSEHOLDS LIVING IN APPARTMENTS
77	RATIO OF REFUGEES HOUSING
78	RATIO OF OLD PEOPLE HOUSING
79	NUMBER OF HOUSING HOSTING STUDENTS
80	PROPORTION OF HOUSEHOLDS LIVING IN HOUSES
81	TOTAL NUMBER OF HOMELESS PEOPLE
82	NUMBER OF HOMELESS PEOPLE AS A PERCENTAGE OF TOTAL POPULATION
83	RATE OF CHANGE FOR HOUSE PRICES / RATE OF CHANGE FOR GENERAL PRICES
84	AVERAGE HOUSE PRICES TO AVERAGE ANNUAL HOUSEHOLD INCOME RATIO
85	CHANGE OF OWNERSHIP PROFILE
86	AVERAGE RENTS PER M2 BY AREA (5 YEAR HORIZON)
87	NUMBER OF HOUSES CONSTRUCTED BY LAND DEVELOPMENT AGENCIES PER AREA
88	PERCENTAGE OF HOUSEHOLDS OWNING OR BUYING THEIR OWN DWELLINGS
89	PERCENTAGE OF HOUSEHOLDS THAT ARE PRIVATE RENTED TENANTS
90	PERCENTAGE OF HOUSEHOLDS THAT ARE OWNER OCCUPYING HOUSES
91	PERCENTAGE OF GOVERNMENT HOUSING TENANTS THAT ARE REFUGEE OCCUPIED
92	PERCENTAGE OF DWELLINGS LACKING PUBLIC AMENITIES BY AREA
93	PERCENTAGE OF HOUSEHOLDS THAT ARE SOCIAL HOUSING TENANTS
94	PERCENTAGE OF DWELLINGS LACKING BASIC AMENITIES PER AREA
95	UNAUTHORIZED HOUSING WITHOUT PERMITS
96	UNAUTHORIZED HOUSING WITHOUT THE FINAL APPROVAL CERTIFICATE
97	TOTAL HOUSING PRODUCTION BY AREA PER YEAR
	CRIME
98	TOTAL NUMBER OF RECORDED CRIMES
99	RECORDED CRIMES AGAINST PEOPLE
100	RECORDED CRIMES AGAINST PROPERTY
101	NUMBER OF OFFENCES INVOLVING NARCOTICS PER YEAR
102	NUMBER OF OFFENCES INVOLVING NARCOTICS IN 5 YEARS
103	NUMBER OF DEATHS DUE TO VIOLENCE
104	RECORDED CRIMES AGAINST CARS
	EMPLOYMENT
105	PROPORTION OF EMPLOYMENT IN INDUSTRY BY AREA

106	PROPORTION OF EMPLOYMENT IN SERVICES BY AREA
107	EMPLOYMENT OPPORTUNITIES DISTRIBUTION BY SECTOR
108	EMPLOYMENT OPPORTUNITIES DISTRIBUTION BY PROPORTION OF EMPLOYMENT
109	TOTAL EMPLOYMENT CHANGE IN 5 YEARS
110	TOTAL EMPLOYMENT AVERAGE ANNUAL CHANGE
111	INDUSTRIAL EMPLOYMENT CHANGE
112	SERVICE SECTOR EMPLOYMENT CHANGE
	HEALTH
113	LIFE EXPECTANCY (MALE, FEMALE, TOTAL)
114	INFANT MORTALITY RATE (0-1 YEAR-OLDS PER 1000 BIRTHS)
115	BIRTH RATE
116	EARLY DEATHS (PER 1000 POPULATION UNDER 65)
117	NUMBER OF EMERGENCY SERVICE POINTS/ UNITS AT NATIONAL/ CITY LEVEL
118	NUMBER OF MOBILE EMERGENCY UNITS AT NATIONAL/ CITY LEVEL
	DEMOGRAPHY
119	TOTAL POPULATION DISTRIBUTION BY SEX AND AGE PER AREA
120	TOTAL POPULATION CHANGE BY SEX AND AGE
121	DEMOGRAPHIC DEPENDENCY INDEX (PERCENTAGE OF POPULATION AGED BELOW 16 AND ABOVE RETIREMENT AGE)
122	NATIONALS AS A PROPORTION OF TOTAL POPULATION
123	EU NATIONALS AS A PROPORTION OF TOTAL POPULATION
124	NON-EU NATIONALS AS A PROPORTION OF TOTAL POPULATION
	CULTURE AND RECREATION
125	EXISTENCE OR ABSENCE OF A MANAGEMENT PLAN FOR HERITAGE
126	NUMBER OF HERITAGE SITES PER AREA
127	NUMBER OF ARCHAEOLOGICAL SITES AT NATIONAL LEVEL
128	NUMBER OF ARCHAEOLOGICAL SITES AT AREA LEVEL
129	NUMBER OF HISTORIC LANDSCAPES AT LOCAL LEVEL
130	NUMBER OF HISTORIC LANDSCAPES AT NATIONAL LEVEL
131	NUMBER OF HERITAGE BUIDINGS AT CITY LEVEL
132	LENGTH OF BICYCLE LANES AT CITY LEVEL
133	LENGTH OF PEDESTRIAN STREETS AT CITY LEVEL
134	NUMBER OF CULTURAL CENTERS
135	NUMBER OF CINEMA SEATS
136	ANNUAL CINEMA ATTENDANCE
137	NUMBER OF CONCERTS PER YEAR BY MUSIC TYPE
138	NUMBER OF MUSEUMS AND ANNUAL VISITORS PER RESIDENT
139	NUMBER OF THEATERS AND ANNUAL ATTENDANCE PER RESIDENT
140	NUMBER OF PUBLIC LIBRARIES
141	NUMBER OF MUNICIPAL LIBRARIES
142	TOTAL BOOK LOANS PER RESIDENT
143	NUMBER OF SPORTS FACILITIES (PUBLIC, MUNICIPAL, PRIVATE)
144	NUMBER OF ANNUAL USERS IN PUBLIC SPORTS FACILITIES
145	NUMBER OF ANNUAL USERS IN MUNICIPAL SPORTS FACILITIES
146	NUMBER OF ANNUAL USERS IN PRIVATE SPORTS FACILITIES
147	NUMBER OF CITIZENS ASSOCIATIONS FOR CULTURAL OR HERITAGE MAINTENANCE PURPOSES
148	EXISTENCE OR ABSENCE OF "HERITAGE DAYS" EVENTS AT NATIONAL LEVEL
	ECONOMY
	HOUSEHOLD STRUCTURE
149	TOTAL NUMBER OF HOUSEHOLDS

150	AVERAGE SIZE OF HOUSEHOLDS
151	PERCENTAGE OF HOUSEHOLDS THAT ARE ONE-PERSON HOUSEHOLDS
152	PERCENTAGE OF HOUSEHOLDS THAT ARE LONE PARENT HOUSEHOLDS
153	PERCENTAGE OF HOUSEHOLDS THAT ARE LONE PENSIONNER HOUSEHOLDS
154	NUMBEROF HOUSEHOLDS BELOW POVERTY LINE
155	NUMBEROF HOUSEHOLDS IN DANGER OF FALLING BELOW POVERTY LINE
	LABOUR MARKET AND UNEMPLOYMENT
156	UNEMPLOYMENT RATE BY SEX
157	NUMBER OF UNEMPLOYED (ILO LABOUR FORCE SURVEY)
158	PERCENTAGE OF UNEMPLOYED BY SEX
159	PERCENTAGE OF CONTINUOUSLY UNEMPLOYED FOR MORE THAN ONE YEAR
160	PERCENTAGE OF UNEMPLOYED WHO ARE UNDER THE AGE OF 25
161	EMPLOYMENT-POPULATION RATIOS (MALE, FEMALE, TOTAL)
162	ACTIVITY RATE (MALE, FEMALE, TOTAL)
	TRAVEL PATERNS
163	MODE OF JOURNEY TO WORK (RAIL/ METRO, BUS/ TRAM, CAR, CYCLE, WALKING)
164	CHARACTERISTICS OF ALL TRAVEL BY RESIDENTS (PURPOSE, DISTANCE, MODE OF TRAVEL)
165	NUMBER OF REGISTERED CARS PER 1000 INHABITANTS
166	AVERAGE NUMBER OF OCCUPANTS OF MOTORCARS
167	ROAD ACCIDENTS RESULTING IN DEATH OR SERIOUS INJURIES PER 1000 INHABITANTS
168	AVERAGE TRAVEL TIME (INSIDE THE CITY LIMITS - INBETWEEN MAIN CITIES)
169	TOTAL EXPENDITURE ON ROAD INFRASTRUCTURE / MAINTENANCE PER YEAR (AT THE NATIONAL LEVEL - LOCAL LEVELS)
	ECONOMIC ACTIVITY
170	GDP PER CAPITA AT CITY OR REGIONAL LEVEL
171	NUMBER OF JOBS BY SECTOR
172	NUMBER OF COMPANIES WITH HEADQUARTERS IN THE CITY QUOTE ON THE NATIONAL STOCK MARKET
173	TYPES OF COMPANIES AND SERVICES
174	NUMBER OF COMPANIES BY TYPE PER TERRITORIAL UNIT
175	SHARE OF POPULATION RECEIVING ALLOWANCES
176	NET LEVEL OF BUSINESS REGISTRATIONS (NEW REGISTRATIONS/ DEREGISTRATIONS PER YEAR)
177	PROPORTION OF NET VACANT OFFICE SPACE
178	MUNICIPAL TAX REVENUE IN MAIN CITIES
179	AVERAGE BANKS LENDING RATE
180	NUMBER OF HOUSING DEVELOPPERS AT NATIONAL/ CITY LEVEL
181	NUMBER OF CONSTRUCTED PLOTS BY CITY PER YEAR
182	ANNUAL NUMBER OF TOURIST OVERNIGHT STAYS IN REGISTRD ACCOMMODATION
183	NUMBER OF AIR PASSENGERS
184	NUMBER OF BOAT PASSENGERS
185	CERTIFICATION OF ISO 14001 STANDARD IN ENTERPRISES
186	LAND SALES REVENUES BY CITY PER YEAR
187	ENTERPRISES PROVIDING REPAIR AND MAINTENANCE SERVICES
188	INFRASTRUTURE EXPENDITURE PER CAPITA (NATIONAL/ LOCAL LEVELS)

189	TOURISM PROFILE
190	CITY INCOME
191	CITY FISCAL DEFICIT
192	CITY ENVIRONMENTAL EXPENDITURE FOR WASTE COLLECTION
193	CITY INFRASTRUCTURE EXPENDITURE FOR HERITAGE PRESERVATION
194	CITY INFRASTRUCTURE EXPENDITURE FOR SERVICE PROVISION TO CITIZENS
195	EXISTENCE/ ABSENCE OF "HERITAGE DAYS" EVENTS AT LOCAL LEVEL
196	NUMBER OF CULTURAL EVENTS ORGANISED BY MUNICIPALITY PER YEAR
197	NUMBER OF RELIGIOUS MONUMENTS IN USE BY CATEGORY
198	NUMBER OF RELIGIOUS BUIDINGS BY CATEGORY PER AREA