

CityBench ESPON CityBench for benchmarking European Urban Zones

Annex I: Indicators and Cities

Scientific Platform / Tools 2013/3/10

Inception Report | Version 15/March/2013



This report presents a more detailed overview of the analytical approach to be applied by the project. This Applied Research Project is conducted within the framework of the ESPON 2013 Programme, partly financed by the European Regional Development Fund.

The partnership behind the ESPON Programme consists of the EU Commission and the Member States of the EU27, plus Iceland, Liechtenstein, Norway and Switzerland. Each partner is represented in the ESPON Monitoring Committee.

This report does not necessarily reflect the opinion of the members of the Monitoring Committee.

Information on the ESPON Programme and projects can be found on www.espon.eu

The web site provides the possibility to download and examine the most recent documents produced by finalised and ongoing ESPON projects.

This basic report exists only in an electronic version.

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1. Introduction

Themes	urb_vluz	urb_iluz	urb_vcity	urb_ikey	urb_icity	UA_2012	ESPONdb	data	indic	total	prop. ind.
Connectivity / accessibility	18	24	13	1	15	6	31	37	71	108	18
Economy / Politics	45	38	47	4	43	29	46	121	131	252	23
Environment / air quality	12	13	29	6	31	23	54	64	104	168	16
Knowledge / smartness	16	13	16		18	6	1	38	32	70	8
Quality of life	43	52	25	4	37	15		83	99	182	18
Population	59	45	5			11	5	75	50	125	8
Other							7	0	7	7	
total	193	185	135	15	144	90	150	418	494	912	91
LUZ	355	355	378	378	378	695	313				306/150

Table 1. Resume of studied datasets and proposed indicators and LUZ

1.1. Proposed Indicators

The TPG proposes to focus on building indicators from authoritative datasets refering to LUZ areas and/or NUTS 3 convertible areas. The initial datasets considered are urb_vluz (containing variables), urb_iluz (containing indicators), ESPON projects data (containing indicators) and Urban Audit 2012 (containing variables and considered only if different from Eurostat data). Combining all of them, the TPG proposes an initial set of indicators grouped by themes and divided in several sub-indicators.

1.2. Proposed LUZ coverage

Since there is (as yet) hardly any data available for the 695 LUZ areas included in the 2012 Urban Audit, the TPG proposes to use an initial set of LUZ based upon the coverage of the most populated datasets: Eurostat (LUZ 2004) and ESPON projects (NUTS 3, convertible to LUZ 2004). From this resulting 313 LUZ areas, TPG will consider, in a first approach, the top 100-150 most complete LUZ, in order to build a reliable comparison tool. The TPG will use LUZ 2012 delimitations in order to be able to simply add the new LUZ when data is available for 2012.

1.3. Missing gaps

In order to try to overcome the evident gap in the knowledge/smartness theme data, the TPG proposes to use data provided by people through social media as an alternative source of information. To be able to do so, a web 2.0 broker service will be used to retrieve quantities of data, using word filtering or not, related to LUZ areas. As the quality of this data cannot be assessed, TPG will take into account only the quantity of the activity or mentions as an indicator of the LUZ reliability at social media level.

2. Data Sources and Proposed Indicators

2.1. Eurostat

Data published by Eurostat at LUZ level covers 355 LUZ areas in the EU27+4 context over a 20 year timeframe and has an acceptable completeness. LUZ areas covered mostly reflect the LUZ 2004 definition (313), which makes this dataset an essential source of information.

Table 2 presents variables collected for LUZ areas (from urb_vluz dataset) grouped in themes, indicators and sub indicators.

	source	Eurostat						
	table	urb_vluz	Data collecte	d for larger u	ırban zones			
	data	193						
	LUZ	355						
	coverage	1989-1993	1994-1998	1999-2002	2003-2006	2007-2009	2010- 2012	
code	label	indicator	subindicators		2003-2000	normalization	2012	n
DE1001V	Total Resident Population		nt population			by area		1
DE1002V	Male Resident Population		by gender			proportion		
DE1003V	Female Resident Population		by age group	S		proportion		
DE1067V	Total Resident Population 0-2		by gender an			proportion		
DE1068V	Male Resident Population 0-2	_	by origin			proportion		
DE1069V	Female Resident Population 0-2	_	living in hous	eholds		proportion		
DE1070V	Total Resident Population 3-4							
DE1071V	Male Resident Population 3-4							
DE1072V	Female Resident Population 3-4							
DE1040V	Total Resident Population 0-4							
DE1041V	Male Resident Population 0-4							
DE1042V	Female Resident Population 0-4							
DE1043V	Total Resident Population 5-14							
DE1044V	Male Resident Population 5-14							
DE1045V	Female Resident Population 5-14							
DE1046V	Total Resident Population 15-19							
DE1047V	Male Resident Population 15-19							<u> </u>
DE1048V	Female Resident Population 15-19							
DE1049V	Total Resident Population 20-24							<u> </u>
DE1050V	Male Resident Population 20-24							<u> </u>
DE1051V	Female Resident Population 20-24							
DE1052V	Total Resident Population 25-54	_						4 !
DE1053V	Male Resident Population 25-54							
DE1054V	Female Resident Population 25-54							
DE1058V	Total Resident Population 25-34							
DE1059V	Male Resident Population 25-34							
DE1060V	Female Resident Population 25-34							
DE1061V	Total Resident Population 35-44							
DE1062V	Male Resident Population 35-44							

DE1063V	Female Resident Population 35-44					
DE1064V	Total Resident Population 45-54					
DE1065V	Male Resident Population 45-54				- i	
DE1066V	Female Resident Population 45-54				- 1	
DE1073V	Median population age	median age				2
DE1025V	Total Resident Population 55-64	incaidh age				
DE1025V	Male Resident Population 55-64					
DE1020V	Female Resident Population 55-64					
_	•	-			- +	
DE1028V	Total Resident Population 65-74					
DE1029V	Male Resident Population 65-74					
DE1030V DE1055V	Female Resident Population 65-74 Total Resident Population 75 and over					
DE1056V	Male Resident Population 75 and over					_
DE1057V	Female Resident Population 75 and over					
DE2001V	Residents who are Nationals					
DE2002V	Residents who are Nationals of other EU Member State					
DE2003V	Residents who are not EU Nationals Residents who are not EU Nationals					
DE2005V	and citizens of a country with high HDI					L
DE2006V	Residents who are not EU Nationals and citizens of a country with a medium or low HDI					
DE2004V	Nationals born abroad					
DE2007V	Number of residents born abroad (not only nationals)					
DE3001V	Total Number of Households	number of households		by area		3
DE3017V	Total Resident Population living in households (excluding institutional households)	by composition		proportion		
DE3002V	One person households (Total)	living in type of dwelling		proportion		
DE3005V	Lone parent households (Total) Lone pensioner (above retirement	(house/ apa	rtment)	-		
DE3008V	age) households Total Lone pensioner (above retirement	by relation with dwelling		proportion	_ L	L
DE3009V	age) households Male Lone pensioner (above retirement	(owned/ soc	cial/rented)			
DE3010V	age) households Female Households with children aged 0 to	by income		proportion	_ [L L
DE3011V	under 18 Households with 3 children or more	(<60% medi	an/ <50% ave,	′SS)		
DE3018V	under 18					
SA1001V	Number of dwellings	number of dwellings		by area		4_
SA1004V	Number of houses	by type		proportion		
SA1005V	Number of apartments	(house/ apa	rtment)			
SA1007V	Number of households living in houses	lacking basic amenities		proportion		
SA1008V	Number of households living in apartments	non-conventional		proportion		
SA1011V	Households owning their own dwelling					

SA1012V	Households in social housing Households in private rented						
SA1013V	housing						
	Average price for an apartment per						
SA1016V	m2	average pric	e per m2				5
SA1023V	Average price for a house per m2		by type			proportion	
	Average annual rent for housing per						
SA1049V	m2			(house/ apa	rtment)		
SA1018V	Dwellings lacking basic amenities		by relation v	vith dwelling		proportion	
SA1019V	Average occupancy per occupied dwelling			(buy/ rent)			
•				(buy/ relit)			
SA1025V	Empty conventional dwellings	average occ					
SA1026V	Non-conventional dwellings Number of overcrowded households		distribution			proportion	
SA1046V	(>1 persons in 1 room)			(empty/ove	ercrowded/ 'nc	ormal')	
37110101	Average area of living		<u> </u>	(cilipty) ove	rerowaca, ne	, mary	
SA1022V	accommodation (m2 per person)	average area	a				7
SA2004V	Infant Mortality per year	infant morta	ality			by population?	8
- SA2005V	Male Infant Mortality per year					by live births?	
SA2006V	Female Infant Mortality per year		by gender			proportion	
SA2007V	Number of live births per year	births	by genaci			by population?	q
_ 3AZUU7 V _	Number of live births per year	Dirtiis				by population:	+ 1
SA2008V	(Male)		by gender			proportion	
	Number of live births per year						
SA2009V	(Female)						Щ
	Number of deaths per year under 65 due to heart diseases and						
SA2013V	respiratory illness	deaths unde	er 65			by population?	10
	Number of deaths per year under 65	_					
<u> </u>	due to heart diseases and					hu Antal da Aba	
SA2014V	respiratory illness (Male) Number of deaths per year under 65	-				by total deaths?	+
	due to heart diseases and						
SA2015V	respiratory illness (Female)		by cause			proportion	
SA2016V	Total deaths under 65 per year			(heart-respi	ratory/ others)	
	Total deaths under 65 per year						
SA2017V	(Male) Total deaths under 65 per year		by gender				, L L
SA2018V	(Female)		by cause and	d gender			
SA2019V	Total deaths per year	suicides	by cause and	<u> </u>		by population?	11
SA2019V_ SA2020V	Total deaths per year (Male)	Juiciacs				by total deaths?	
		-				by total deaths:	
SA2021V	Total deaths per year (Female)						
SA2022V	Number of hospital discharges of in	hospital bed	S			by population	12
SA2026V	Number of hospital discharges of inpatients	discharges				by population	13
SA2027V	Number of practising physicians	practitioner				by population	14
SA2027V		pracationer					
-3AZUZ8V	Number of practising dentists Number of deaths per year due to		by type			proportion	
SA2029V	suicide			(physicians/	dentists/ gene	eral)	
SA2030V	Number of general practitioners						
	Total number of recorded crimes						
	within city [country for national						
SA3001V	data]	crimes				by population	15
SA3005V	Number of murders and violent deaths		by type			proportion	
SA3006V	Number of car thefts			(murders/s	$^\perp$ ar thefts/ burg		
3A3UU0V	Number of car therts			(maruers/ C	ar tri c its/ burg	dar y/ Others)	

SA3007V	Number of domestic burglary			
	Total Economically Active			
EC1001V	Population	active population	by population	16
	Male Economically Active			
EC1002V	Population	by gender	proportion	
EC1003V	Female Economically Active Population	by age groups	proportion	
	Total Economically Active	by age groups	proportion	
EC1142V	Population 15-24	by gender and age group	proportion	
_	Male Economically Active			
EC1143V	Population 15-24	by dedicated time	proportion	
FC11111	Female Economically Active	(5.11 / m mat)		
EC1144V	Population 15-24 Total Economically Active	(full/ part)		4
EC1145V	Population 55-64	by gender and dedicated time	proportion	
	Male Economically Active			
EC1146V	Population 55-64			
	Female Economically Active			
EC1147V	Population 55-64			44
EC1010V	Residents Unemployed	unemployed	by population?	17
EC1011V	Male Residents Unemployed		by active pop?	
EC1012V	Female Residents Unemployed	by gender	proportion	
EC1148V	Residents Unemployed 15-24	by age groups	proportion	
EC1149V	Male Residents Unemployed 15-24	by gender and age group	proportion	-1-1
_ EC1149V_	Female Residents Unemployed 15-	by gender and age group	proportion	
EC1150V	24			
EC1151V	Residents Unemployed 55-64			
_				
EC1152V	Male Residents Unemployed 55-64 Female Residents Unemployed 55-			
EC1153V	64			
	Mehr als sechs Monate			
	ununterbrochen Erwerbslose im			
FC44F 01/	Alter von 15 - unter 25 Jahren,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
EC1154V	insgesamt Male unemployed continuously for	long duration unemployed, 15-24	by population?	18
EC1155V	more than six months, 15-24		by active pop?	
	Female unemployed continuously			
EC1156V	for more than six months, 15-24		by unemployed?	
	Unemployed continuously for more			
EC1157V	than one year, 55-64	by gender	proportion	
EC1158V	Male unemployed continuously for more than one year, 55-64	long duration unemployed, 55-64	by population?	19
LCIIJOV	Female unemployed continuously	long duration dilemployed, 33-04	by population:	13
EC1159V	for more than one year, 55-64		by active pop?	
EC1034V	Total Full-Time Employment		by unemployed?	- $ -$ i $ $
EC1035V	Male Full-Time Employment	by gender	proportion	
	, ,	by genuel	ριοροιτίοι	
EC1036V	Female Full-Time Employment			
EC1088V	Total Part-Time Employment			
EC1089V	Male Part-Time Employment			
EC1090V	Female Part-Time Employment			
	Number of jobless households with			
EC1172V	children	jobless households	by households	20
EC1173V	Number of jobless households without children	by children	proportion	
LCI1/3V	Gross Domestic Product of city /	by children	ргорогион	
EC2001V	region / country	(with/ without)		
	Gross Domestic Product of NUTS 3			
EC2030V	region in Euros			

EC2031V	Gross Domestic Product per inhabitant in PPS of NUTS 3 region			
LC2031V	Median disposable annual			+
EC3039V	household income	median household income		21
	Household Income: Quintile 4			
	(income with 20% households			
EC3045V	above, 80% below)	quantile 1		
	Household Income: Quintile 3			
	(income with 40% households			
EC3048V	above, 60% below)	quantile 2		
	Household Income: Quintile 2			
EC3051V	(income with 60% households above, 40% below)	quantile 3		
_ EC3031V	Household Income: Quintile 1	quantile 5		4 4
	(income with 80% households			
EC3054V	above, 20% below)	quantile 4		
2030311	Total Number of Households	quartite 1		
	(relating to the reported household			
EC3056V	income)			
_	Total Number of Households with			
	less than 60% of the national			
	median disposable annual			
EC3055V	household income			L L
	Total Number of Households with			
E020E714	less than half of the national			
EC3057V	average income Total Number of Households reliant	_		4
EC3060V	on social security benefits (>50%)			
LC3000V	Individuals reliant on social security			
EC3063V	· ·	individuals SS	by population	22
	Number of children 0-4 in day care	day care		23
TE1001V	,	uay care	by pop under 4?	25
TE1006V	, , , , , , , , , , , , , , , , , , ,		by population?	4 4
TE1007V	Number of children 3-4 in day care	by age groups	proportion	
	Total students registered for final			
TE1005V	year of compulsory education	registered in final year	by pop under 16?	24
TE1030V	Students leaving compulsory		by population?	
1510307	education without having a diploma Average number of pupils in a class		by population?	+
TE1034V		early leavers	by pop under 16?	25
1210541	Average number of pupils in a class	curry reavers	by population 10.	
TE1035V	(secondary schools)		by population?	
	Number of residents (aged 15-64)		11.1	
	with ISCED level 0, 1or 2 as the			
TE2025V	highest level of education	average number of pupils		26
	Number of residents (aged 15-64)			
	with ISCED level 0, 1or 2 as the			
TE2026V	highest level of education - male	by level	bars	
	Number of residents (aged 15-64)			
TE2027V	with ISCED level 0, 1or 2 as the	and 15 CAISCED level	hu nan 15 C4	27
1E2U2/V	highest level of education - female Number of residents (aged 15-64)	aged 15-64 ISCED level	by pop 15-64	27
	with ISCED level 3or 4 as the highest			
TE2028V	level of education	by level	proportion	
	Number of residents (aged 15-64)	1,000		
	with ISCED level 3 or 4 as the highest			
TE2029V	level of education - male	by level and gender	proportion	
1620230				
162029	Number of residents (aged 15-64)			
112029	with ISCED level 3 or 4 as the highest			
TE2030V	with ISCED level 3 or 4 as the highest level of education - female			
-	with ISCED level 3 or 4 as the highest level of education - female Number of residents (aged 15-64)			
-	with ISCED level 3 or 4 as the highest level of education - female			

	Number of residents (aged 15-64)				
	with ISCED level 5 or 6 as the highest				
TE2032V	level of education - male Number of residents (aged 15-64)				4
	with ISCED level 5 or 6 as the highest				
TE2033V					
	Number of residents exposed to air				
EN2028V	traffic noise >65 dB(A) at day time	exposed to	>55	by population	28
EN12020\/	Number of residents exposed to air		had been l		
EN2029V	traffic noise >55 dB(A) at night time Total land area (km2) according to		by level	proportion	- 4- 1
EN5003V	cadastral register		(>55 / >65)		
EN5015V		land area		by population?	29
EN5012V	_	idiid di ca	byuso		
			by use	propotion	
EN5016V	Land used for agricultural purposes Land used for commercial activities				
EN5024V					
EN5004V		_			
LINSUU4V	Land area in housing/residential use Land used for transport (road, rail,				
EN5025V	air, ports)				
	Land area in recreational, sports and	_			
EN5011V	leisure use				
EN5026V	other land use				
	Green space to which the public has				
EN5001V	access	accesible g	reen space	by population	30
TT1003V	Percentage of journeys to work by car	journeys to	work	100%	31
111003	Percentage of journeys to work by	Journeys to	WOIK	100/0	1 31
	public transport (rail, metro, bus,				
TT1010V			by transport	proportion	
	Percentage of journeys to work by				
TT1006V	motor cycle Percentage of journeys to work by				
TT1007V					
	Percentage of journeys to work by				
TT1008V	foot				1.1
	Percentage of journeys to work by				
TT1012V	car or motor cycle				
	car or motor cycle Average time of journey to work	average tin	ne to work		32
TT1012V TT1019V	car or motor cycle Average time of journey to work (minutes)	average tin	ne to work		32
	car or motor cycle Average time of journey to work		ne to work		32
TT1019V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work		nght to work		
TT1019V TT1020V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus	average ler	nght to work		33
TT1019V TT1020V TT1069V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public	average ler	nght to work stops		33
TT1019V TT1020V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus	average ler	nght to work stops		33
TT1019V TT1020V TT1069V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public	average ler	nght to work stops buses	by population	33
TT1019V TT1020V TT1069V TT1083V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport	average ler number of	buses	by population by number of cars?	33 34 35
TT1019V TT1020V TT1069V TT1083V TT1057V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered	average ler number of number of	buses	by number of cars?	33 34 35 36
TT1019V TT1020V TT1069V TT1083V TT1057V TT1070V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered Num of park and ride parking spaces	average ler number of number of	buses		33 34 35 36
TT1019V TT1020V TT1069V TT1083V TT1057V TT1070V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered Num of park and ride parking spaces Number of deaths in road accidents	average ler number of number of number of number of	buses	by number of cars?	33 34 35 36
TT1019V TT1020V TT1069V TT1083V TT1057V TT1070V TT1060V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered Num of park and ride parking spaces Number of deaths in road accidents Number of persons seriously injured in road accidents	average ler number of number of number of number of	buses cars parkings	by number of cars? by population	33 34 35 36 37
TT1019V TT1020V TT1069V TT1083V TT1057V TT1070V TT1060V TT1061V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered Num of park and ride parking spaces Number of deaths in road accidents Number of persons seriously injured in road accidents Accessiblity by air (EU27=100)	average ler number of number of number of number of	buses cars parkings	by number of cars? by population by population?	33 34 35 36 37
TT1019V TT1020V TT1069V TT1083V TT1057V TT1070V TT1060V TT1061V TT1071V TT1072V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered Num of park and ride parking spaces Number of deaths in road accidents Number of persons seriously injured in road accidents Accessiblity by air (EU27=100) Accessiblity by rail (EU27=100)	average ler number of number of number of number of	buses cars parkings road accidents death/ seriouly injured	by number of cars? by population by population? by cars+buses?	33 34 35 36 37
TT1019V TT1020V TT1069V TT1083V TT1057V TT1070V TT1060V TT1061V TT1071V	car or motor cycle Average time of journey to work (minutes) Average length of journey to work by private car (km) Number of stops of public transport Number of buses (or bus equivalents) operating in the public transport Number of private cars registered Num of park and ride parking spaces Number of deaths in road accidents Number of persons seriously injured in road accidents Accessiblity by air (EU27=100)	average ler number of number of number of number of	buses cars parkings road accidents death/ seriouly injured	by number of cars? by population by population?	33 34 35 36 37

Table 2. Data and Indicators from urb_vluz

Table 3 presents indicators collected for LUZ areas (from urb_iluz dataset) grouped in themes, indicators and sub indicators, where some of them refer to the ones defined in urb_vluz.

	source	Eurostat						
	table	urb_iluz	Derived indi	cators for larg	ger urban zon	25		
			Derived ind	cators for larg	scr urbarrzoni	L3		
	data	185						
	LUZ	355						
	coverage	1989-1993	1994-1998	1999-2002	2003-2006	2007-2009	2010-2012	
code	e label	indicator	subindicato	rs		normalization	on	n
DE1001	Total population in Urban Audit cities							
DE1011		pop at work	ing age			by population	on	41
	Proportion of Total Resident							1
DE1067	Proportion of Male Resident	included in						1
DE1068								
DETOGE	Proportion of Female Resident							
DE1069	i C							
	Proportion of Total Resident							
DE1070	Proportion of Male Resident							
DE1071								
DEIO/I	Proportion of Female Resident							
DE1072	Population aged 3-4							
	Proportion of total population aged 0-							
DE1040								
DE1043	Proportion of total population aged 5-1 14							
DEIO	Proportion of total population aged							
DE1046								
	Proportion of total population aged							
DE1049								
DE1073	Proportion of Total Resident I Population aged 25-34							
222075	Proportion of Male Resident							
DE1074	1 0							
D = 4 0 = 1	Proportion of Female Resident							1
DE1075	Proportion of Total Resident							
DE1076	· ·							
	Proportion of Male Resident							
DE1077								
DE1079	Proportion of Female Resident							1
DETU/8	Proportion of Total Resident							
DE1064								
	Proportion of Male Resident							
DE1065								
DE1066	Proportion of Female Resident Population aged 45-54	1						1
DETUGE	Proportion of total population aged							
DE1052	_							
	Proportion of total population aged							
DE1025								
DE1082	Proportion of male population aged 55-64							
DE1002	Proportion of female population aged							
DE1083	55-64							

	December of total acquistion and		
	Proportion of total population aged		
DE1079I	15-64		
	Proportion of male population aged		
DE1080I	15-64		
	Proportion of female population aged		
DE1081I	15-64		
	Proportion of total population aged		
DE1028I	65-74		
	Proportion of male population aged		
DE1029I	65-74		
	Proportion of female population aged		
DE1030I	65-74		
222000.	Proportion of total population aged		
DE1055I	75 and over		
DETOSSI	Proportion of females to males in		
DE1003I	total population		
DETOOSI	Proportion of females to males in age		
DE1057I	75 and over		
DE1061I	Total population change over 1 year	change	42
	Total annual population change over		
DE1062I	approx. 5 years		
	Demographic dependency: (<20 +		
DE1058I	>65) / 20-64 years	dependency	43
	Demographic young age Dependency		
DE1059I	Index: (It 20 years) / 20-64 years		
	Demogr. old age dependency: > 65 /		
DE1060I	20-64 years		
	Nationals as a proportion of total		
DE2001I	population	included in	1
DELOGI	EU nationals as a proportion of total	Introduced in	-
DE2002I	population		
DLZUUZI	Non-EU nationals as a proportion of		
DE2003I	total population		
DLZ0031	Nationals born abroad as a		
DE2004I	proportion of total population		
DE20041	Proportion of Residents who are not		
	EU Nationals and citizens of a country		
DESCOUL			
DE2005I	with high HDI		
	Proportion of Residents who are not		
DESCOCI	EU Nationals and citizens of a country		
DE2006I	with a medium or low HDI		
DE3003I	Total Number of Households	included in	3
	Average household size in Urban		
	Audit cities - number of persons per		
DE3004I	household		
	Proportion of one-person households		
DE3002I	in Urban Audit cities - %		
	Proportion of households that are		
DE3005I	lone-parent households		
	Proportion of households that are		
DE3008I	Ione-pensioner households		
	Lone-pensioner households male /		
DE3009I	lone pensioner households female		
	Proportion of households with		
	children aged 0-17 in Urban Audit		
DE3011I	cities - %		
5130111	Lone parent households per 100	+ + + + +	
DE3016I	households with children aged 0-17		
SA1001I	Number of dwellings	included in	4
SA1005I	Number of apartments		
T			_
SA1004I	Number of houses		

	Number of houses per 100			
SA1051I	apartments	to be included in		4
SA1016I	Average price per m2 for an	included in		
	appartment	included in		5
SA1023I	Average price for a house per m2 Average price per m2 for an			_
	appartment to median annual			
SA1036I	household income			
6440401	Average annual rent for housing per			_
SA1049I	m2 Proportion of dwellings lacking basic	to be included in		5
SA1018I	amenities	included in		4
	Proportion of non-conventional			
SA1026I	dwellings			
SA1019I	Average occupancy per occupied dwelling	included in		6
	Average living area in Urban Audit			
SA1022I		included in		7
SA1050I	Percentage of overcrowded households (>1 persons in 1 room)	included in		6
- 3A1030I	Empty conventional dwellings per	included iii		0
SA1025I	total No. of dwellings			
	Proportion of households living in			
SA1011I	owned dwellings in Urban Audit cities - %	included in		3
	Proportion of households living in			
SA1012I	social housing			
SA1013I	Proportion of households living in private rented housing			
3A10131	Proportion of households living in			1
SA1007I	houses			
	Dranautian of bassachalds listing in			
SA1008L	Proportion of households living in			
SA1008I	apartments	dooths	by population	44
SA1008I SA2029I		deaths	by population	44
	apartments Crude death rate per 1000 residents	deaths by gender	by population proportion	44
SA2029I SA2030I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents			44
SA2029I SA2030I SA2031I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents			44
SA2029I SA2030I SA2031I SA2019I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year			44
SA2029I SA2030I SA2031I SA2019I SA2020I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male)			44
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female)	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year			44
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year (Male)	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Male) Mortality rate for <65 per year (Female) Mortality rate for <65 per year	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Male) Mortality rate for <65 per year (Female) Mortality rate for sersons aged 64 or less from heart diseases and	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Male) Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Male) Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65 from heart diseases and respiratory	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I SA2013I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65 from heart diseases and respiratory illness Mortality rate for females under 65 from heart diseases and respiratory illness	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I SA2013I SA2014I SA2015I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year (Male) Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65 from heart diseases and respiratory illness Mortality rate for females under 65 from heart diseases and respiratory illness.	included in		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I SA2013I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year (Male) Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65 from heart diseases and respiratory illness Mortality rate for females under 65 from heart diseases and respiratory illness. Live births per 1000 residents	by gender		
SA2029I SA2030I SA2031I SA2019I SA2020I SA2021I SA2016I SA2017I SA2018I SA2013I SA2014I SA2015I	apartments Crude death rate per 1000 residents Crude death rate of male residents per 1000 male residents Crude death rate of female residents per 1000 female residents Total deaths per year Total deaths per year (Male) Total deaths per year (Female) Mortality rate for <65 per year Mortality rate for <65 per year (Female) Mortality rate for persons aged 64 or less from heart diseases and respiratory illnesses living in Urban Audit cities - number of deaths per 1000 i Mortality rate for males under 65 from heart diseases and respiratory illness Mortality rate for females under 65 from heart diseases and respiratory illness. Live births per 1000 residents Infant Mortality rate per year (per	included in		

	Male Infant Mortality rate per year		
SA20051	(per 1000 live births)		
- 3/(2003)	Female Infant Mortality rate per year	t Y +	-
SA2006I	(per 1000 live births)		
	Available hospital beds in Urban Audit		
SA2022I	cities - per 1000 inhabitants	included in	12
	Number of hospital discharges of in-		
SA2032I	patients per hospital bed	to be included in	13
	Number of hospital discharges of in-		
SA2026I	patients per 1000 residents	included in	13
	Number of practising physicians per		
SA2027I	1000 residents	included in	14_
SA2028I	Number of practising dentists per 1000 residents		
3AZUZ61_	Total number of recorded crimes per		
SA3001I	1000 population	included in	15
	Number of murders and violent		
SA3005I	deaths per 1000 population		
	Car thefts in Urban Audit cities -		
SA3006I	number per 1000 inhabitants		
C + 2 C = =	Number of domestic burglary per		
SA3007I	1000 population		
EC1201I	Annual average change in employment over approx. 5 years	change	45
EC1010I	Number of unemployed	included in	17_
EC1020I	Unemployment rate in Urban Audit cities - %		
			+ -
EC10111	Unemployment rate Male	I	_
EC1012I	Unemployment rate Female		
	Proportion of residents unemployed		
EC1148I	15-24	ļ	1 -
EC1149I	Proportion of male residents Unemployed 15-24		_
EC11491	Proportion of female residents		+ -
EC1150I	Unemployed 15-24		
	Proportion of residents Unemployed		_
EC1151I	55-64		
	Proportion of male residents		
EC1152I	Unemployed 55-64		
E044E01	Proportion of female residents		
EC1153I	Unemployed 55-64		
	Proportion of unemployed aged 15- 24 unemployed for more than six		
EC1154I	months	included in	18
	Proportion of long term young		
EC1155I	unemployed males		
	Proportion of long term young		
EC1156I	unemployed females		
	Proportion of unemployed aged 55-		
EC1157I	64 unemployed for more than one year	included in	19
LC115/1	Proportion of long term old	included in	19
EC1158I	unemployed males		
	Proportion of long term old		
EC1159I	unemployed females		
	Proportion of unemployed who are		
EC1202I	under 25	to be included in	18
E04004	Economic activity rate in Urban Audit	to dead to	10
EC1001I	cities - %	included in	16
EC1002I	Male Activity Rate		
EC1003I	Female Activity Rate		

E6400E1	N		
EC1005I	Net activity rate residents aged 15-64		
EC1142I	Activity Rate 15-24		
EC1143I	Activity Rate 15-24 male		
EC1144I	Activity Rate 15-24 female		
EC1006I	Net activity rate residents aged 15-24		
EC1145I	Activity Rate 55-64		
EC1146I	Activity Rate 55-64 male		
EC1147I	Activity Rate 55-64 female		
EC1007I	Net activity rate residents aged 55-64		
	Median disposable annual household		
EC3039I	income	included in	21
EC3054I	Ratio of first to fourth quintile earnings	to be included in	21
LC30341	Household Income: Quintile 2	to be included in	
	(income with 60% households above,		
EC3051I	40% below) Household Income: Quintile 3	included in	21
	(income with 40% households above,		
EC3048I	60% below)		
	Percentage of the households		
EC3057I	receiving less than half of the national average household income	included in	3
	Percent. households with less than	medaca m	J
	60% of the national median annual		
EC3055I	disposable income Proportion of households reliant	- 4 4 4 4	_
EC3060I	upon social security		
	Proportion of individuals reliant on		
EC3063I	social security	included in	22
TE1006I	Children 0-2 in day care (publ.&priv) per 1000 children	included in	23
	Children 3-4 in day care (publ.&priv)	mouses in	
TE1007I	per 1000 children		
	Number of children 0-4 in day care (public and private provision) per		
TE1001I	1000 children 0-4		
	Proportion of students not		
TE1030I	completing their compulsory education	included in	25
1610301	Prop. of working age population	Included III	25
TE2025I	qualified at level 1 or 2 ISCED	included in	27
TE20261	Prop. of working age population		
TE2026I	qualified at level 1 or 2 ISCED - male Prop. of working age population at		_
TE2027I	level 1 or 2 ISCED - female		
750000	Prop. of working age population		
TE2028I	qualified at level 3 or 4 ISCED Prop. of working age population		_
TE2029I	qualified at level 3 or 4 ISCED - male		
TE0006	Prop. of working age population		
TE2030I	qualif. at level 3 or 4 ISCED - female Proportion of population aged 15-64		
	qualified at tertiary level (ISCED 5-6)		
TE2031I	living in Urban Audit cities - %		
TE2032I	Prop. of working age population qualified at level 5 or 6 ISCED - male		
1 L 2 U 3 Z I	Prop. of working age population		_
TE2033I	qualif. at level 5 or 6 ISCED - female		
EN5003I	Total land area (km2) according to	included in	29

	cadastral register			
ENEO041	Green space (in m2) to which the	in dud of in		20
EN5001I	public has access, per capita	included in		30
EN5012I	Proportion of the area in green space Proportion of the area used for	included in		29
EN5016I	agricultural purposes			
	Proportion of the area used for	' '		'
	commercial activities (industry, trade,			
EN5024I	offices) Proportion of the area used for			
EN5025I	transport (road, rail, air, ports)			
EN5015I				_
2.130231	Proportion of the area in recreational	' ' '		
EN5011I	sports and leisure use			
ENEO371	Land area (in m2) in recreational,	An he induded in		20
EN5027I	sports and leisure use per capita Proportion of the area in	to be included in		30
EN5004I	housing/residential use	included in		29
	Proportion of the area use for other			
EN5026I	purposes			
EN5101I	Population density in Urban Audit cities	included in		1
21131011	Net residential density - pop. per land	meidded m		
EN5102I	area in housing	population density	by residential use area	46
TT10021	Share of journeys to work by car in Urban Audit cities - %	included in		21
TT1003I	Proportion of journeys to work by car	included in		31_
TT1012I	or motor cycle			
	Proportion of journeys to work by			1
TT1006I	motor cycle Proportion of journeys to work by	- 4 4		_
TT1007I	bicycle			
	Proportion of journeys to work by			_
TT1008I	foot	│		_
	Proportion of journeys to work by public transport (rail, metro, bus,			
TT1010I	tram)			
	Registered cars in Urban Audit cities -			
TT1057I	number of cars per 1000 inhabitants	included in		36
TT1013I	Number of registered motor cycles per 1000 population	to be included in		36
1110131	Number of deaths in road accidents	to be included in		, 30
TT1060I	per 10000 population	total vehicles	by population	
	Number of persons seriously injured			
TT1061I	in road accidents per 10000 population	by type		
TT1019I	Average time of journey to work	(car/ motorclycle)		_
	Average length of journey to work by	(car) meter cryater		
TT1020I	private car (km)	included in		32,33,38
TT40661	Length of public transport network /			
TT1066I	land area Length of public transport network	lenght of public transport	by area	47_
TT1076I	per inhabitant		by population	
	Number of buses (or bus equivalents)			
TT4.007	operating in the public transport per	included in		25
TT1087I	Number of stops of public transport	included in		35
TT1082I	per 1000 pop.	included in		34
	Number of stops of public transport			
TT1069I	per km2	to be included in		34

	Number of stops per 1 km of public		
TT1091I	transport network		
	Number of park and ride parking		
TT1070I	spaces per 1000 pop.	included in	37
	Number of park and ride parking		
TT1083I	spaces per 1000 cars		
TT1071I	Accessiblity by air (EU27=100)	included in	40
TT1072I	Accessiblity by rail (EU27=100)		
TT1073I	Accessiblity by road (EU27=100)		
TT1074I	Multimodal accessibility (EU27=100)		

Table 3. Data and Indicators from urb_iluz

Variables and indicators from other datasets studied such as urb_vcity, urb_icity or urb_ikey are not considered here, due to the fact that they do not refer to LUZ areas. There is a small difference between data collected and cities covered at both geographical levels.

2.2. Urban Audit

The Urban Audit is a joint effort by the Directorate-General for Regional Policy (DG REGIO) and Eurostat to provide reliable and comparative information on selected urban areas in Member States of the European Union and the candidate countries. LUZ areas covered reflect the LUZ 2004 definition (313) for the period 1989 – 2009; data is derived from urb_iluz and urb_vluz datasets. LUZ areas for the period 2010-2012 reflect the LUZ 2012 definition; this data is still being collected.

Table 4 presents variables collected for LUZ areas grouped in themes, indicators and sub indicators, where some of them refer to the ones defined in urb_vluz and urb_iluz.

	source	UA		
	table	UA 2012		
	data	187	7 (overlapping with urb_vluz, showing the 86 different ones)	
	LUZ	695	5	
	cities	915	5	
	coverage	2010-2012		
code	label	indicator	subindicators normalization n	
DE1074V	Population on the 1st of January, 5-9 years, total	to be include	ided in	1
DE1075V	Population on the 1st of January, 5-9 years, male			
DE1076V	Population on the 1st of January, 5-9 years, female			
DE1077V	Population on the 1st of January, 10-14 years, total			
DE1078V	Population on the 1st of January, 10-14 years, male	_		
DE1079V	Population on the 1st of January, 10-14 years, female			
DE2008V	Native-born	included in		1
DE2009V	Foreign-born			
DE2010V	Foreign-born in a EU country			
DE2011V	Foreign-born in a non-EU country			
DE2012V	Foreigners			
SA1029V	Number of people in accommodation for the homeless	to be include	ded in	3
SA1050V	Average price for buying a house	included in		5

SA1051V	Average price for buying an apartment					
EC1174V	Economically active population, 20- 64, total	to be includ	ed in			16
EC1175V	Economically active population, 20-64, male					
EC1176V	Economically active population, 20- 64, female	_				
EC1177V	Persons employed, 20-64, total	person emp	loyed		by population?	48
EC1178V	Persons employed, 20-64, male				by active population?	
EC1179V	Persons employed, 20-64, female		by dedicate	d time (from 16)	proportion	
EC1180V	Persons employed, 55-64, total	Ī		(full/ part)		
EC1181V	Persons employed, 55-64, male		by gender		proportion	
EC1182V	Persons employed, 55-64, female		by age		proportion	-†
EC2020V	Total employment / jobs (work place based)		by gender a	nd age	proportion	
EC2008V	Employment (jobs) in agriculture, fishery (NACE Rev. 2: A)		by sector		proportion	
EC2009V	Employment (jobs) in mining, manufacturing, energy (NACE Rev. 2:					
EC2022V	B-E) Employment (jobs) in construction (NACE Rev. 2: F)					_
	Employment (jobs) in trade,					
5000001	transport, hotels, restaurants (NACE					
EC2032V	Rev. 2: G to I) Employment (jobs) in information					_
EC2033V	and communication (NACE Rev. 2: J) Employment (jobs) in financial and					
EC2034V	insurance activities (NACE Rev. 2: K)					
EC202EV	Employment (jobs) in real estate					
EC2035V	activities (NACE Rev. 2: L) Employment (jobs) in professional,	L				_
	scientific and technical activities;					
E62026V	administrative and support service					
EC2036V	activities (NACE Rev. 2: M and N) Employment (jobs) in public	L				_
	administration, defence, education,					
	human health and social work					
EC2037V	activities (NACE Rev. 2: O to Q)					_
	Employment (jobs) in arts, entertainment and recreation; other					
	service activities; activities of					
	household and extra-territorial					
EC2038V	organizations and bodies (NACE Rev. 2: R to U)					
EC2021V	All companies	companies			by population?	49
EC3040V	Average disposable annual				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	household income	to be includ	ed in			21
EC3064V	Persons living in households with very low work intensity	persons in r	isk of poverty	_	by population	50
EC3065V	Persons at risk of poverty after social transfers		by levels		proportion	
EC3066V	Severely materially deprived persons					
EC3067V	Persons at risk of poverty or social exclusion					
TE1039V	Early leavers from education and					
	training, total, Early leavers from education and	to be includ	ed in			25
TE1040V	training, male					

	Early leavers from education and					
TE1041V	training, female					
TE1026V	Students in higher education (ISCED					
161020	level 5-6), total	to complete				24
TE1027V	Students in higher education (ISCED level 5-6), male					
	Students in higher education (ISCED	L				+ -
TE1028V	level 5-6), female					
EN1003V	Average temperature of warmest					
EN1003A	month	climate cond	ditions			51
EN1004V	Average temperature of coldest	_				
	month		coldest/ war	mest/ rainfall/ sun	bars?	
EN1005V	Rainfall (litre/m2)					
EN1002V	Total number of hours of sunshine					
	per day Number of days ozone O3					
EN2002V	concentrations exceed 120 µg/m3	days GHG			highest?	52
	Number of days nitrogen dioxide					
EN2003V	NO2 concentrations exceed 200					
	μg/m3		number of d	ays	bars	
EN2005V	Number of days particulate matter PM10 concentrations exceed 50					
EN2005V	µg/m3			(O3, NO2, PM10, PM	12 5)	
	Number of days particulate matter	L		(03, 1102, 111110, 111	12.3)	+ +
EN2030V	PM2.5 concentrations exceed 50					
	μg/m3					
EN2025V	Accumulated ozone concentration in					
	excess 70 µg/m3	concentration	on GHG		highest?	53
EN2026V	Annual average concentration of NO2 (µg/m3)		concentration	nn —	bars	_
EN12027\/	Annual average concentration of			(O3, NO2,		†
EN2027V	PM10 (μg/m3)			PM10)		
EN2033V	Number of residents exposed to road					
	traffic noise >65 dB(A) at day time Number of residents exposed to road	to complete				28
EN2035V	traffic noise >55 dB(A) at night time		by type of tr	affic	proportion	
	Number of residents exposed to rail		of type of the		ргорогион	
EN2032V	traffic (incl. tram) noise >65dB(A) at			(air/ road/		
	daytime			train)		
EN2036V	Number of residents exposed to rail					
ENZUSOV	traffic (incl. tram) noise >55dB(A) at night-time					
EN3003V	Total use of water		<u> </u>		ha.udatia	
	Price of a m3 of domestic	use of water			by population	54
EN3010V	water (Euro)	price				55
	Percentage of the urban waste water					
EN3011V	load (in population equivalents)					
21130111	treated according to the applicable					
	standard Share of population connected to	waste water	treated		by population	56
EN3012V	potable drinking water system	potable wat	er		by population	57
	Share of population connected to	potable wat	<u>. </u>		by population	
EN3013V	sewerage treatment system	sewerage			by population	58
EN4008V	Municipal waste generated					
2.110007	(domestic and commercial), total	waste gener	ated		by population	59
EN5109V	Overbound - underbound based on population (qualitative indicator)	over-under			by population	60
	Overbound - underbound based on	over-under			by population	80
EN5110V	area (qualitative indicator)				by area	
TT1064V	People commuting into the city	commuting				61
TT1065V	People commuting out of the city	8	in/out		commuter	
1.10051	. copie commuting out of the city		in/ out		commuter	

TT1079V	Length of bicycle network (dedicated					-
	cycle paths and lanes)	bicycle net	work		by area/ pop	62
	Cost of a combined monthly ticket					
TT1080V	(all modes of public transport) for 5-					-
	10 km in the central zone	cost of pub	lic tranport			63
TT1081V	Cost of a taxi ride of 5 km to the					
	centre at day time		combined/ t	axı	commuter	
CR1003V	Number of cinema seats (total					
	capacity)	to complete	e			40
CR1005V	Cinema attendance (per year)		by type		proportion	
CR1007V	Number of museum visitors (per					
CKIOU/V	year)			(swim/ cinema/ teath	er/ library/ h)	
CR1008V	Number of theatres	visitors				64
CD4.04.0V	Number of public libraries (all	_				
CR1010V	distribution points)		by type		proportion	
CR2001V	Total nights spent in tourist					
CR2001V	accommodation establishments			(cinema/ museum/ ho	otel)	
CR2009V	Number of bed-places in tourist	_				
CR2009V	accommodation establishments					
CD2004V	Number of air passengers using					
CR2004V	nearest airport	air passeng	ers			65
CR2005V	Number of air passengers using	_				T
CR2005V	nearest airport: Total arrivals		by direction		proportion	
CR2006V	Number of air passengers using	_				T
CRZUUOV	nearest airport: Domestic arrivals			(arrival/ departure)		
CR2007V	Number of air passengers using					
-CN2007V	nearest airport: Total departures		by lenght		proportion	
CR2008V	Number of air passengers using					
CRZUUSV	nearest airport: Domestic departures			(domestic/ not)		

Table 4. Data and Indicators from Urban Audit 2012

2.3. ESPON projects

There is an extensive range of ESPON projects, each covering a different theme regarding European Regions. Data for these projects was mainly collected at NUTS 2 level. However, several projects do contain data at NUTS 3 (convertible to LUZ 2004) and/or even at LUZ level.

Table 5 presents variables and indicators collected by some of the ESPON projects and available from the ESPON database, grouped in themes, indicators and sub indicators, where some of them refer to the ones defined in urb vluz, urb iluz and Urban Audit.

source	ESPON databa	ase
projects	NUTS 2	KIT - Knowledge, Innovation, Territory
	NUT2/3	TEL Update - Telecommunication and IT-Rollout Update
	non urban	EDORA - European Development Opportunities in Rural Areas
	NUTS0/1/2	DEMO Update - Demography and Migration Update ESPON Climate - Climate Change and Territorial Effects on Regions and Local Economies in Europe
	NUTS0/2 NUTS0/2/3	ReRisk - Regions at Risk of Energy Poverty DEMIFER - Demographic and Migratory Flows affecting European Regions and Cities
	NUTS 2/3 NUTS 3	CREA Update - Creative Workforce Update TIPTAP - Territorial Impact Package for Transport and Agricultural Policies ACC Update - Accessibility (Air and Multimodal) Update (includes TRACC data?)
	NUTSO/3	ESPON M4D - ESPON Database 2013 Phase II - M4D Project

LUZ FOCI NUTS 3/LUZ SIESTA

data 150
LUZ 254
NUTS 3 EU27+4

	NUTS 3	EU27+4						
project	label	period	geo	coverage	indicator	sub	norm.	n
TEL	IP addresses	2009	NUTS 2006	97	IP	T	by pop	66
	Combined adaptive capacity to							
CLIMATE	climate change	2005-2011	NUTS 2006	96	capacity			67
CLIMATE	Mitigative capacity	2005-2011	NUTS 2006	93				
CLIMATE	Typology on the response capacity	2005-2011	NUTS 2006	93				
CLIMATE	European climate change regions	2071-2100	NUTS 2006	98				?
	Potential impact of changes in							
CLIMATE	inundation heights of a sea level rise	2100	NUTS 2006	97				4 -
CLIMATE	Change in annual mean number of days with heavy rainfall	2071-2100	NUTS 2006	97				
02	Change in annual mean number of						not sure about	
CLIMATE	frost days	2071-2100	NUTS 2006	97			these	
CLINAATE	Change in annual mean number of	2071 2100	NULTE 2006	07			ones	
CLIMATE	summer days	2071-2100	NUTS 2006	97			(2071-	 -
CLIMATE	Change in annual mean temperature Change in exposure to coastal storm	2071-2100	NUTS 2006	97			2100)	# -
CLIMATE	surge events	2071-2100	NUTS 2006	97				
CLIMATE	Change in exposure to river flooding	2071-2100	NUTS 2006	97				T
CENTITIE	Combined economic sensitivity to	2071 2100	11013 2000					
CLIMATE	climate change	2071-2100	NUTS 2006	97				
CLIMATE	Cultural sensitivity to climate change	2071-2100	NUTS 2006	97				
0	Potential cultural impact of climate	2074 2400	AU 1770 0000					
CLIMATE	change Potential economic impact of	2071-2100	NUTS 2006	97				# -
CLIMATE	climate change	2071-2100	NUTS 2006	97				
	Potential impact of changes in							
CLIMATE	inundation heights of a sea level rise	2071-2100	NUTS 2006	97				Ш.
CLIMATE	Potential impact of climate change on museums	2071-2100	NUTS 2006	97				
CENTITIE	Potential impact of climate change	2071 2100	11013 2000	3,]			
CLIMATE	on the energy sector	2071-2100	NUTS 2006	97				
	Potential impact of climate change							
CLIMATE	on thermal power stations and refineries	2071-2100	NUTS 2006	97				
CENVITATE	Potential impact of climate change	2071 2100	11013 2000					+ -
CLIMATE	on tourism	2071-2100	NUTS 2006	97				
CLINAATE	Potential impact of climate change	2071 2100	NULTE 2006	07				
CLIMATE	on World Heritage Sites Relative change in annual mean	2071-2100	NUTS 2006	97				+ -
CLIMATE	evaporation	2071-2100	NUTS 2006	97				
	Relative change in annual mean							
CLIMATE	precipitation in summer months	2071-2100	NUTS 2006	97				₩ -
CLIMATE	Relative change in annual mean precipitation in winter months	2071-2100	NUTS 2006	97				
	Potential impact of climate change							
CLIMATE	on soil organic carbon content	2071-2100	NUTS 2006	96				
CLIMATE	Potential impact of changes in river flooding on population	2100	NUTS 2006	95				
CLIIVIATE	Potential impacts of changes in	2100	14013 2000	33				
CLIMATE	summer heat on population	2100	NUTS 2006	95				
0.11	Change in annual mean number of	2074 6 4 2 2						
CLIMATE	days with snow cover	2071-2100	NUTS 2006	95				

	Potential impact of changes in river					
CLIMATE	flooding on population	2071-2100	NUTS 2006	95		1
CENVITATE	Potential impact of climate change	2071 2100	14013 2000			
CLIMATE	on forest fires	2071-2100	NUTS 2006	95		
CLIVIATE	Potential impacts of changes in	2071-2100	NO13 2000			」 _
CLIMATE		2071-2100	NUTS 2006	95		
CLIMATE	summer heat on population	2071-2100	NO13 2006	95		_
CLINAATE	Environmental impact of climate	2071 2100	NUITC 200C	0.4		
CLIMATE	change	2071-2100	NUTS 2006	94		⊒ _
CLINAATE	Potential impact of changes in flash	2100	NUITC 200C	0.4		
CLIMATE	floods on population	2100	NUTS 2006	94		」 _
CLIDAATE	Potential social impact of climate	2100	NUITC 200C	0.4		
CLIMATE	change	2100	NUTS 2006	94		ــ ــ
CLINAATE	Aggregate impact of climate change	2074 2400	NUITC 200C	0.4		
CLIMATE	on Europe's regions	2071-2100	NUTS 2006	94		」
CLINAATE	Environmental sensitivity to climate	2074 2400	NUITC 200C	0.4		
CLIMATE	change	2071-2100	NUTS 2006	94		」
CLINAATE	Physical sensitivity to climate	2074 2400	NULTS 2006	0.4		
CLIMATE	change	2071-2100	NUTS 2006	94		」
CLINAATE	Potential impact of changes in flash	2074 2400	NULTS 2006	0.4		
CLIMATE	floods on population	2071-2100	NUTS 2006	94		」
CLINAATE	Potential impact of changes in heavy	2074 2400	NUITC 200C	0.4		
CLIMATE	rainfall on soil erosion	2071-2100	NUTS 2006	94		」
0	Potential impact of climate change	2074 2400				
CLIMATE	on agriculture and forestry	2071-2100	NUTS 2006	94		」 _
CURANTE	Potential impact of climate change	2074 2400	NULTS 2005	0.4		
CLIMATE	on airports and harbours	2071-2100	NUTS 2006	94		」 _
	Potential impact of climate change					
CLIMATE	on railways and major roads	2071-2100	NUTS 2006	94		」 _
	Potential impact of climate change					
CLIMATE	on settlements	2071-2100	NUTS 2006	94		」 _
0	Potential physical impact of climate	2074 2400				
CLIMATE	change	2071-2100	NUTS 2006	94		_
0	Potential social impact of climate	2074 2400		0.4		
CLIMATE	change	2071-2100	NUTS 2006	94		_
CURANTE	Potential vulnerability to climate	2074 2400	NULTS 2005	0.4		
CLIMATE	change	2071-2100	NUTS 2006	94		⊥ _
CLIMATE	Social sensitivity to climate change	2071-2100	NUTS 2006	94		
	Potential impact of climate change					
CLIMATE	on NATURA 2000 protected areas	2071-2100	NUTS 2006	93		
DEMIFER	Migratory population change	2000-2006	NUTS 2006	98		68
DEIVIII EIX	Wilgi atory population change			+		00
		2000-2007	NUTS 2006	98		
	General territorial impact (transport					
TIPTAP	policy, baseline scenario)	2005-2030	NUTS 2006	97		69
	General territorial impact (transport	2007 5000				
TIPTAP	policy, infrastructure scenario)	2005-2030	NUTS 2006	97		
	General territorial impact (transport					
TIPTAP	policy, pricing scenario)	2005-2030	NUTS 2006	97		
	Territorial impact on congestion					
	costs (single dimension, transport					
TIPTAP	policy, baseline scenario)	2005-2030	NUTS 2006	97		70
	Territorial impact on congestion					
	costs (single dimension, transport					
TIPTAP	policy, infrastructure scenario)	2005-2030	NUTS 2006	97		
	Territorial impact on congestion					
	costs (single dimension, transport					
TIPTAP	policy, pricing scenario)	2005-2030	NUTS 2006	97		
	Territorial impact on economic					
	growth (single dimension, transport					
TIPTAP	policy, baseline scenario)	2005-2030	NUTS 2006	97		71
	Territorial impact on economic					
	growth (single dimension, transport					
TIPTAP	policy, infrastructure scenario)	2005-2030	NUTS 2006	97		

	Territorial impact on economic					
TIPTAP	growth (single dimension, transport policy, pricing scenario)	2005-2030	NUTS 2006	97		
HPTAP	Territorial impact on emissions	2005-2030	NU13 2006	97		
	(single dimension, transport policy,					
TIPTAP	baseline scenario)	2005-2030	NUTS 2006	97		72
	Territorial impact on emissions					
	(single dimension, transport policy,					
TIPTAP	infrastructure scenario)	2005-2030	NUTS 2006	97		Ŭ _
	Territorial impact on emissions (single dimension, transport policy,					
TIPTAP	pricing scenario)	2005-2030	NUTS 2006	97		
111 17 4	Territorial impact on exposure to	2003 2030	11013 2000	37		
	external visitors (single dimension,					
TIPTAP	transport policy, baseline scenario)	2005-2030	NUTS 2006	97		73
	Territorial impact on exposure to					
	external visitors (single dimension,					
TIPTAP	transport policy, infrastructure	2005-2030	 NUTS 2006	97		
- HPTAP	scenario) Territorial impact on exposure to	2003-2030	NO13 2000 [_ 3/		∐ –
	external visitors (single dimension,					
TIPTAP	transport policy, pricing scenario)	2005-2030	NUTS 2006	97		
	Territorial impact on exposure to					
	regional integration (single					
	dimension, transport policy,					
TIPTAP	baseline scenario)	2005-2030	NUTS 2006	97		74
	Territorial impact on exposure to regional integration (single					
	dimension, transport policy,					
TIPTAP	infrastructure scenario)	2005-2030	NUTS 2006	97		
_	Territorial impact on exposure to			_		_
	regional integration (single					
	dimension, transport policy, pricing					
TIPTAP	scenario)	2005-2030	NUTS 2006	97		
	Territorial impact on landscape fragmentation (single dimension,					
TIPTAP	transport policy, baseline scenario)	2005-2030	NUTS 2006	97		75
_ *** ** **	Territorial impact on landscape					
	fragmentation (single dimension,					
	transport policy, infrastructure					
TIPTAP	scenario)	2005-2030	NUTS 2006	97		╝ _
	Territorial impact on landscape					
TIPTAP	fragmentation (single dimension, transport policy, pricing scenario)	2005-2030	NUTS 2006	97		
HETAE	Territorial impact on market	2003-2030	11013 2000	31		
	opportunities (single dimension,					
TIPTAP	transport policy, baseline scenario)	2005-2030	NUTS 2006	97		76
	Territorial impact on market					
	opportunities (single dimension,					
TIDTAD	transport policy, infrastructure	2005 2020	NUITC 200C	07		
TIPTAP	scenario) Territorial impact on market	2005-2030	NUTS 2006	97		
	opportunities (single dimension,					
TIPTAP	transport policy, pricing scenario)	2005-2030	NUTS 2006	97		
	Territorial impact on productivity of					
	airports (single dimension, transport					
TIPTAP	policy, baseline scenario)	2005-2030	NUTS 2006	97		77
	Territorial impact on productivity of					
TIDTAD	airports (single dimension, transport	2005 2020	NUITS 2006	0.7		
TIPTAP	policy, infrastructure scenario) Territorial impact on productivity of	2005-2030	NUTS 2006	97		
	airports (single dimension, transport					
TIPTAP	policy, pricing scenario)	2005-2030	NUTS 2006	97		
	1					

	Territorial impact on productivity of inland transport infrastructure						
TIOT 10	(single dimension, transport policy,	2005 2000		07			
TIPTAP	baseline scenario) Territorial impact on productivity of	2005-2030	NUTS 2006	97		_	78
	inland transport infrastructure						
TIPTAP	(single dimension, transport policy, infrastruc. scenario)	2005-2030	NUTS 2006	97			
_	Territorial impact on productivity of					_	_
	inland transport infrastructure (single dimension, transport policy,						
TIPTAP	pricing scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on safety (single dimension, transport policy,						
TIPTAP	baseline scenario)	2005-2030	NUTS 2006	97			79
	Territorial impact on safety (single						
TIPTAP	dimension, transport policy, infrastructure scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on safety (single						
TIPTAP	dimension, transport policy, pricing scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on territorial						
TIPTAP	efficiency (macro dimension, transport policy, baseline scenario)	2005-2030	NUTS 2006	97			80
111 17 4	Territorial impact on territorial	2003 2030	11013 2000	3,			
	efficiency (macro dimension,						
TIPTAP	transport policy, infrastructure scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on territorial						
TIPTAP	efficiency (macro dimension, transport policy, pricing scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on territorial						
TIPTAP	identity (macro dimension, transport policy, baseline scenario)	2005-2030	NUTS 2006	97			81
	Territorial impact on territorial					_	
	identity (macro dimension, transport policy, infrastructure						
TIPTAP	scenario)	2005-2030	NUTS 2006	97		_	
	Territorial impact on territorial identity (macro dimension,						
TIPTAP	transport policy, pricing scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on territorial						
TIPTAP	quality (macro dimension, transport policy, baseline scenario)	2005-2030	NUTS 2006	97			82
	Territorial impact on territorial						
TIPTAP	quality (macro dimension, transport policy, infrastructure scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on territorial					_	_
TIPTAP	quality (macro dimension, transport policy, pricing scenario)	2005-2030	NUTS 2006	97			
	Territorial impact on traffic passing						
TIPTAP	through (single dimension, transport policy, baseline scenario)	2005-2030	NUTS 2006	97			83
	Territorial impact on traffic passing	2003 2030	11013 2000				03_
TIPTAP	through (single dimension, transport	2005 2020	NUTS 2006	97			1
TIPTAP	policy, infrastructure scenario) Territorial impact on traffic passing	2005-2030	NUTS 2006	97			
TIDTAD	through (single dimension, transport	2005 2020	NUITS 2006	0.7			
TIPTAP	policy, pricing scenario) Multimodal potential accessibility,	2005-2030	NUTS 2006	97			
ACC	absolute level	2006	NUTS 2006	97			84
		2001	NUTS 2006	97			

	Multimodal potential accessibility,				ı		
ACC	standardised		NUTS 2006	97			╀
	<u> </u>		NUTS 2006	97			
ACC	Potential accessibility by air		NUTS 2006	97			<u> </u>
	Potential accessibility by air,	2001	NUTS 2006	97			
ACC	standardised	2006	NUTS 2006	97			
		2001	NUTS 2006	97			Ti i
	Potential accessibility, rail, absolute						Ľ
ACC	level		NUTS 2006	97			1
	Potential accessibility, rail, ESPON	2001	NUTS 2006	97			┦ .
ACC	average	2006	NUTS 2006	97			
		2001	NUTS 2006	97			
	Potential accessibility, rail, EU27		·				T i
ACC	average		NUTS 2006	97_			╀ .
	Potential accessibility, road,	2001	NUTS 2006	97_			Η .
ACC	absolute level	2006	NUTS 2006	97			
		2001	NUTS 2006	97			
	Potential accessibility, road, ESPON						
ACC	average		NUTS 2006	97			₽.
	Potential accessibility, road, EU27	2001	NUTS 2006	97			1
ACC	average	2006	NUTS 2006	97			
		2001	NUTS 2006	97			T i
	Multimodal potential accessibility,						
ACC	absolute change Multimodal potential accessibility,	2001-2006	NUTS 2006	97			85
ACC	change of standardised	2001-2006	NUTS 2006	97			
	Multimodal potential accessibility,		·				Ţ
ACC	relative change Potential accessibility by air,	2001-2006	NUTS 2006	97			┦ .
ACC	absolute change	2001-2006	NUTS 2006	97			
	Potential accessibility by air, change		·				T
ACC	of standardised Potential accessibility by air, relative	2001-2006	NUTS 2006	97_			₽.
ACC	change	2001-2006	NUTS 2006	97			
	Potential accessibility, rail, absolute	2004 2005					Ι
ACC	change Potential accessibility, rail, change of	2001-2006	NUTS 2006	97_			₽.
ACC	standardised	2001-2006	NUTS 2006	97			
466	Potential accessibility, rail, relative	2004 2006	NUITC 200C				_
ACC	change Potential accessibility, road,	2001-2006	NUTS 2006	97_			┦ .
ACC	absolute change	2001-2006	NUTS 2006	97			
466	Potential accessibility, road, change of standardised	2004 2006	NUITC 200C	07			_
ACC	Potential accessibility, road, relative	2001-2006	NUTS 2006	97_			╀ -
ACC	change	2001-2006	NUTS 2006	97			
M4D	Birth, total	2010	NUTS 2006	100			
		2009	NUTS 2006	100			
		2008	NUTS 2006	100			
		2007	NUTS 2006	100			
		2006	NUTS 2006	100			
		2005	NUTS 2006	100	included in		9
		2004	NUTS 2006	100			

		2003	NUTS 2006	100			
		2002	NUTS 2006	100			Ti-
_		2001	NUTS 2006	100			
		2000	NUTS 2006	100	included in	li .	44
M4D	Death, total	2010	NUTS 2006	100			
		2009	NUTS 2006	100			
_	T	2008	NUTS 2006	100			
		2007	NUTS 2006	100			
_		2006	NUTS 2006	100			
_		2005	NUTS 2006	100			Ti i
		2004	NUTS 2006	100			T
_		2003	NUTS 2006	100			Ti i
		2002	NUTS 2006	100			Ti
		2001	NUTS 2006	100			
		2000	NUTS 2006	100			
M4D	Gross Domestic Product	2008	NUTS 2006	98			86
		2007	NUTS 2006	98			
		2006	NUTS 2006	98			
		2005	NUTS 2006	98			
_		2004	NUTS 2006	98			
		2003	NUTS 2006	98			
		2002	NUTS 2006	98			
		2001	NUTS 2006	98			
		2000	NUTS 2006	98			
		1999	NUTS 2006	98			
MAD	Gross Domestic Product in	2000	NUITC 200C	00			07
M4D	Purchasing Power Standards		NUTS 2006	98			87
	-		NUTS 2006	98			
			NUTS 2006	98			
	_		NUTS 2006	98			
		2004	NUTS 2006 NUTS 2006	98 98			
_	-		NUTS 2006	98			.
			NUTS 2006	98			
_	-		NUTS 2006	98			
			NUTS 2006	98			
M4D	Population total		NUTS 2006	98			
IVI4D	Population, total		NUTS 2006	98			<u> </u>
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006 NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
		2002	NUTS 2006	98			

		2001	NUTS 2006	98			
		2000	NUTS 2006	98			
		1999	NUTS 2006	98	included in		1
		1998	NUTS 2006	98			
		1997	NUTS 2006	98			
		1996	NUTS 2006	98			
		1995	NUTS 2006	98			Ti
		1994	NUTS 2006	98			-1-
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			T
M4D	Area, total		NUTS 2006	98			
WI4D	Arca, total		NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
			NUTS 2006	98			
		1995	NUTS 2006	98			
		1994	NUTS 2006	98			
		1993	NUTS 2006	98			
		1992	NUTS 2006	98			
		1991	NUTS 2006	98			
			NUTS 2006	98			
FOCI	Population of the LUZ	1995-2007					1
FOCI	GDP in PPS of the LUZ 1995 Total Added value of the LUZ in	1995-2006					86
FOCI	2006	2006					88
	Added value of Agriculture and						
FOCI	Fishery (NACE AB) in 2006 Added value of , extraction, energy ,	2006		4			
FOCI	manufacturing in 2006 (Nace C to E)	2006					
	Added value of construction (Nace						
FOCI	F) in 2006	2006		4			
FOCI	Added value of trade, hotel-rest and transport in (2006) NACE G to I)	2006					
	Added value of business and	2550					
FOCI	financial services in 2006 (NACE J	2000					
FOCI	and K)	2006					

	Added value of administration,				
	education health and other services				
FOCI	(NACE L to P) in 2006	2006			
	GDP per inhabitant in PPS 1995 in				
FOCI	the LUZ	1995-2006			86
F0.61	GPD per inhabitant in PPS according	1005 2006			
FOCI	to EU average for the LUZ in 1995	1995-2006			
	Difference between GDP per inhab. In PPS according to EU average				
FOCI	between 2006 and 1995	1995-2006			
1001	Difference between GDP per inhab.	1555 2000	_1		
	In PPS according to EU average				
FOCI	between 2001 and 1995	1995-2001			
_	Difference between GDP per inhab.				
	In PPS according to EU average				
FOCI	between 2006 and 2001	2001-2006			
	GDP per inhabitant in PPS 1995 in				
	the LUZ according to national				
FOCI	average in 1995	1995-2006			
	Difference between GDP per inhab.				
	In PPS according to EU average				
FOCI	between 2006 and 1995	1995-2006			
	Difference between GDP per inhab.				
FOCI	In PPS according to EU average between 2001 and 1995	1995-2001			
FOCI	Difference between GDP per inhab.	1993-2001	-		+ -
	In PPS according to EU average				
FOCI	between 2006 and 2001	2001-2006			
	Number of Headquarters of				
	Transnational firms in the 2000				
	biggest world firms whose				
FOCI	headquarters is in the LUZ in 2005	2005			89
	sales of Transnational firms in the				
	2000 biggest world firms whose				
FOCI	headquarters is in the LUZ in 2005	2005			
	Employees of Transnational firms in				
	the 2000 biggest world firms whose				
FOCI	headquarters is in the LUZ in 2005	2005			
SIESTA	Map46_NUTS 3 (Y2009)				?
SIESTA	Map45_NUTS 3 (Y2009)				
	Map36 NUTS 3				
SIESTA	(total_pat_per_1000_pop)				
SIESTA	Map310 LUZ (data)				
SIESTA	Map22_NUTS 3 (class)				
SIESTA	Map214_NUTS 3 (GHG)				
SIESTA	Map21_NUTS 3 (Y2008, Y2009)				

Table 5. Data and Indicators from ESPON projects

2.4. Social Media

Nowadays, ordinary citizens are willing to share geospatial information using the friendly and easy-to-use functionality provided by the web 2.0 platforms. These kinds of social networks reflect events with a large social impact, for example forest fires, particularly when they occur close to urban areas. For the time being, in order to discover and access this Volunteered Geographic Information (VGI), it is necessary to deal with the different search mechanisms provided by each web 2.0 service. W2.0B has the ability to search different Web 2.0 Services.

Table 6 presents some proposed indicators for the smartness/knowledge theme.

Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) Number of data containing the name		source	web 2.0 broke	r		
youtube wikipedia LinkedIN data		data from	twitter			
wikipedia LinkedIN data			flickr			
LinkedIN data			youtube			
data 4 LUZ 695 cities 915 coverage real-time code label indicator subindicator normalized n Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) words Number of data containing the name			wikipedia			
cities 915 coverage real-time code label indicator subindicator normalized real-time Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) words Number of data containing the name			LinkedIN			
cities 915 coverage real-time code label indicator subindicator normalized n Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) words Number of data containing the name		data	4			
coverage real-time code label indicator subindicator normalized n Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) words Number of data containing the name		LUZ	695			
code label indicator subindicator normalized n Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) words Number of data containing the name		cities	915			
Number of data inside a LUZ delimitation Number of data containing other words inside a LUZ delimitation (TBD) Number of data containing the name		coverage	real-time			
delimitation Number of data containing other words inside a LUZ delimitation (TBD) Number of data containing the name words by population/area? proportion	code		indicator	subindicator	normalized	n
mentions by population?		delimitation Number of data containing other words inside a LUZ delimitation (TBD)	activity	words		90
Number of data containing the name of a LUZ AND other words (TBD) words proportion others?		of a LUZ AND other words (TBD)		words		

Table 6. Data and Indicators from social media

3. Geographical Data and Proposed LUZ

Both Eurostat (for a 20 year period) and Urban Audit data (until 2009) use LUZ and core cities 2004 delimitations. For Urban Audit, the number of LUZ areas and cities for its 2010 - 2012 data collection round has increased considerably. However, this data has yet to become available. On the other hand, most ESPON projects are based upon the geographical nomenklatura of NUTS 2006 (at levels 0/1/2/3). Using a correspondence table, NUTS 3 can be converted to LUZ 2004. **Table 7** presents an overview of the geographical coverages for the various datasets.

Data completeness between LUZ 2004 areas varies. Therefore, the TPG proposes to start with a selection of $100-150\ \text{LUZ}$ areas (to be derived after data import and validated with Steeruing Committee), for which coverage is most complete, with which to initially populate the webtool. LUZ 2012 delimitations will be used, to ensure that new LUZ (2012) areas can be added seamlessly, as data for them becomes available.

Ε	urostat LUZs (355)	UA LUZs :	2004 (313+267 cities)	UA LUZs 2	012 (695+915 cities)	ESPON NUTS 3
code	LUZ	code	LUZ	code	LUZ	code NUTS 3
BE	Belgium					
BE001L	Bruxelles / Brussel	BE001L	Bruxelles / Brussel	BE001L2	Bruxelles / Brussel	The correspondence table between LUZ and NUTS 3
BE002L	Antwerpen	BE002L	Antwerpen	BE002L2	Antwerpen	(proxy NUTS
BE003L	Gent	BE003L	Gent	BE003L2	Gent	32006_luz_checked, found
BE004L	Charleroi	BE004L	Charleroi	BE004L2	Charleroi	as part of data_FOCI.rar) uses the 2004 LUZ version.
BE005L	Liège	BE005L	Liège	BE005L2	Liège	However, this table does not
						seem to present all LUZ
DEGOCI		DEGOCI		DEGOCIA		areas, as it contains only 254
RF009F	Brugge	BE006L	Brugge	BE006L2	Brugge	unique LUZ ids.
BE007L	Namur	BE007L	Namur	BE007L2	Namur	
				BE008L1	Leuven	
				BE009L1	Mons	

I				DE01011	l/ o mtm ii lr	
				BE010L1	Oostende	
D.C.	Dulgaria			BEUIILI	Oostende	
	Bulgaria	BG001L	Cofin	BG001L2	Cofia	
BG001L					-	
BG002L		BG002L		BG002L2		
BG003L		BG003L		BG003L2	- 1	
BG004L		BG004L		BG004L2		
BG005L	_	BG005L		BG005L1	-	
BG006L		BG006L		BG006L2		
BG007L		BG007L		BG007L2		
BG008L	Stara Zagora	BG008L	Stara Zagora		Stara Zagora	
				BG009L1	Sliven	
				BG010L1	Plovdiv	
				BG011L1	Shumen	
				BG013L1	Yambol	
				BG014L1	Haskovo	
				BG015L1	Pazardzhik	
				BG016L1	Blagoevgrad	
				BG017L1	Veliko Tarnovo	
				BG018L1	Vratsa	
CZ	Czech Republic					
CZ001L	Praha	CZ001L	Praha	CZ001L1	Praha	
CZ002L	Brno	CZ002L	Brno	CZ002L1	Brno	
CZ003L	Ostrava	CZ003L	Ostrava	CZ003L1	Ostrava	
CZ004L	Plzen	CZ004L	Plzen	CZ004L1	Plzeň	
CZ005L	Usti nad Labem	CZ005L	Usti nad Labem	CZ005L1	Ústí nad Labem	
CZ006L	Olomouc	CZ006L	Olomouc	CZ006L1	Olomouc	
CZ007L	Liberec	CZ007L	Liberec	CZ007L1	Liberec	
CZ008L	Ceske Budejovice	CZ008L	Ceske Budejovice	CZ008L1	České Budějovice	
CZ009L	Hradec Kralove	CZ009L	Hradec Kralove	CZ009L1	Hradec Králové	
CZ010L	Pardubice	CZ010L	Pardubice	CZ010L1	Pardubice	
CZ011L	Zlin	CZ011L	Zlin	CZ011L1	Zlín	
CZ013L	Karlovy Vary	CZ013L	Karlovy Vary	CZ013L1	Karlovy Vary	
CZ014L		CZ014L		CZ014L1		
				CZ016L1		
					Chomutov	
DK	Denmark			0201011		
	København	DK0011	København	DK00112	København	
DK001L		DK001L		DK001L2	-	
_	Odense	-	Odense	DK003L1	-	
	Aalborg		Aalborg	DK004L1		
	Germany	DROUGE		DROOTEI		
DE001L		DE001L	Rerlin	DE001L1	Rerlin	
_						
_	Hamburg		Hamburg		Hamburg	
DE003F	München	DE003F	München	DE003L1	München	

DE004L Köln DE005L Frankfurt am Main DE005L Frankfurt am Main DE005L Frankfurt am Main DE005L Frankfurt am Main DE007L Stuttgart DE007L Stuttgart DE007L Stuttgart DE008L Leipzig DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE011L Düsseldorf DE011L Düsseldorf DE012L Bremen DE012L Bremen DE013L Hannover DE013L Hannover DE013L Hannover DE014L Nürnberg DE014L Nürnberg DE014L Nürnberg DE014L Nürnberg DE015L Bielefeld
DE007L Stuttgart DE008L Leipzig DE008L Leipzig DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE011L Düsseldorf DE011L Düsseldorf DE012L Bremen DE013L Hannover DE013L Hannover DE014L Nürnberg DE014L Nürnberg DE014L Nürnberg DE014L Nürnberg DE015L Halle an der Saale DE019L Magdeburg DE019L Magdeburg DE019L Magdeburg DE019L Göttingen DE021L Göttingen DE021L Göttingen DE021L Trier DE026L Trier DE021L Trier DE021L Regensburg
DE008L Leipzig DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE009L2 Dresden DE011L Düsseldorf DE012L1 Bremen DE012L1 Bremen DE013L1 Hannover DE013L1 Hannover DE013L1 Nürnberg DE014L1 Nürnberg DE014L1 Nürnberg DE014L1 Nürnberg DE015L1 Halle an der Saale DE018L Halle an der Saale DE019L Magdeburg DE019L Magdeburg DE019L Magdeburg DE019L Wiesbaden DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE021L Göttingen DE025L Darmstadt DE026L Trier DE026L Trier DE026L Trier DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L1 Regensburg
DE008L Leipzig DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE009L Dresden DE009L2 Dresden DE011L Düsseldorf DE012L Bremen DE012L Bremen DE013L Hannover DE013L Hannover DE013L Hannover DE013L Hannover DE014L Nürnberg DE014L Nürnberg DE014L Nürnberg DE015L Wuppertal DE017L Bielefeld DE017L Bielefeld DE018L Halle an der Saale DE018L Halle an der Saale DE019L Magdeburg DE019L Magdeburg DE019L Magdeburg DE020L Wiesbaden DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE021L Göttingen DE025L Darmstadt DE026L Trier DE026L Trier DE026L Trier Freiburg im Breisgau DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L Regensburg
DE009L Dresden DE009L Dresden DE009L Dresden DE009L2 Dresden DE009L2 Dresden DE001L Düsseldorf DE012L Bremen DE012L Bremen DE013L Hannover DE013L Hannover DE014L Nürnberg DE014L Nürnberg DE014L Nürnberg DE015L Wuppertal DE016L Wuppertal DE017L Bielefeld DE017L Bielefeld DE018L Halle an der Saale DE018L Halle an der Saale DE019L Magdeburg DE019L Magdeburg DE020L Wiesbaden DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE025L Darmstadt DE025L Darmstadt DE026L Trier DE026L Trier DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L Regensburg DE028L Regensburg DE028L Regensburg DE018L DE019L Disselefeld DE018L Halle an der Saale DE019L Disselefeld DE019L Disselefeld DE019L Disselefeld DE018L Halle an der Saale DE021L Disselefeld DE018L Disselefeld DE018L Disselefeld DE018L Disselefeld DE019L Di
DE011L Düsseldorf DE012L Bremen DE013L Hannover DE013L Hannover DE014L Nürnberg DE014L Nürnberg DE015L Wuppertal DE015L Halle an der Saale DE015L Halle an der Saale DE015L Wiesbaden DE020L Wiesbaden DE020L Göttingen DE021L Göttingen DE025L Darmstadt DE025L Darmstadt DE027L Freiburg im Breisgau DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L Bremen DE012L Bremen DE013L1 Bremen DE013L1 Bremen DE013L1 Hannover DE014L1 Nürnberg DE014L1 Nürnberg DE014L1 Nürnberg DE015L1 DE015L1 Bielefeld DE015L2 Magdeburg DE018L1 Halle an der Saale DE019L2 Magdeburg DE020L1 Wiesbaden DE021L1 Göttingen DE025L1 Darmstadt DE025L1 Darmstadt DE025L1 Darmstadt DE025L1 Darmstadt DE025L1 Regensburg DE027L1 Regensburg DE028L1 Regensburg
DE012L Bremen DE013L Hannover DE013L Hannover DE014L Nürnberg DE014L Bielefeld DE017L Bielefeld DE018L Halle an der Saale DE018L Halle an der Saale DE018L Halle an der Saale DE019L Magdeburg DE019L Magdeburg DE019L Magdeburg DE02L Wiesbaden DE02L Göttingen DE02L Göttingen DE02L Göttingen DE02L Göttingen DE02L Trier DE02L Trier DE02L Trier DE02L Trier DE02L Trier DE02L Freiburg im Breisgau DE02R Regensburg DE02RL Regensburg DE02RL Regensburg DE02RL Regensburg DE02RL Regensburg DE02RL Regensburg DE02RL Regensburg DE018L Halnover DE018L Hannover DE018L Hannover DE018L Hannover DE018L Hannover DE018L Halnover DE018L Hannover DE018L Halnover DE018L Hannover DE018L Halnover DE018L Halnover DE018L Halnover DE018L Hannover DE018L Halnover DE018L Hallo nder Saale DE018L Hallo nder Saale DE018L Halle an der Saale DE018L
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DE013L Hannover DE014L Nürnberg DE015L Bielefeld DE017L Bielefeld DE017L Bielefeld DE018L Halle an der Saale DE018L Halle an der Saale DE018L Halle an der Saale DE019L Magdeburg DE019L Wiesbaden DE020L Wiesbaden DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE021L Göttingen DE025L Darmstadt DE025L Trier DE026L Trier DE026L Trier DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L Regensburg DE028L Regensburg
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DE017L Bielefeld DE018L Halle an der Saale DE018L Halle an der Saale DE019L Magdeburg DE020L Wiesbaden DE020L Göttingen DE021L Göttingen DE025L Darmstadt DE026L Trier DE026L Trier DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE017L Bielefeld DE017L Bielefeld DE018L Halle an der Saale DE018L1 Halle an der Saale DE019L2 Magdeburg DE019L2 Magdeburg DE019L2 Magdeburg DE020L1 Wiesbaden DE020L1 Wiesbaden DE020L1 Göttingen DE021L1 Göttingen DE021L1 Göttingen
DE018L Halle an der Saale DE019L Magdeburg DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE025L Darmstadt DE026L Trier DE026L Trier DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE018L Halle an der Saale DE018L1 Halle an der Saale DE019L2 Magdeburg DE019L2 Magdeburg DE020L1 Wiesbaden DE020L1 Wiesbaden DE020L1 Göttingen DE022L1 Göttingen DE022L1 Darmstadt DE025L1 Darmstadt DE025L1 Trier Freiburg im DE027L1 Breisgau DE027L1 Regensburg
DE019L Magdeburg DE020L Wiesbaden DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE025L Darmstadt DE025L Trier DE026L Trier DE026L Tree DE027L Freiburg im Breisgau DE028L Regensburg DE019L Magdeburg DE020L1 Wiesbaden DE020L1 Wiesbaden DE021L1 Göttingen DE021L1 Göttingen DE025L1 Darmstadt DE025L1 Trier Freiburg im DE027L Freiburg im Breisgau DE027L1 Breisgau DE028L1 Regensburg
DE020L Wiesbaden DE021L Göttingen DE021L Göttingen DE021L Göttingen DE021L Göttingen DE021L1 Trier Freiburg im DE026L Trier DE026L1 Trier Freiburg im DE027L Freiburg im Breisgau DE027L Breisgau DE028L Regensburg DE028L Regensburg DE028L1 Regensburg
DE021L Göttingen DE021L Göttingen DE021L1 Göttingen DE021L1 Göttingen DE021L1 Göttingen DE025L Darmstadt DE025L Darmstadt DE025L Trier DE026L Trier DE026L Trier DE027L Freiburg im Breisgau DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L1 Regensburg
DE025L Darmstadt DE025L Darmstadt DE025L1 Darmstadt DE026L Trier DE026L Trier DE026L1 Trier Freiburg im DE027L Freiburg im Breisgau DE027L Freiburg im Breisgau DE027L1 Breisgau DE028L Regensburg DE028L1 Regensburg
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DE026L Trier DE026L Trier DE026L1 Trier Freiburg im DE027L Freiburg im Breisgau DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L1 Regensburg
DE026L Trier DE026L Trier DE026L1 Trier Freiburg im DE027L Freiburg im Breisgau DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L1 Regensburg
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DE027L Freiburg im Breisgau DE027L Freiburg im Breisgau DE028L Regensburg DE028L Regensburg DE028L Regensburg
DE028L Regensburg DE028L Regensburg DE028L1 Regensburg
DECESE Transact (Guer)
DE030L Weimar DE030L1 Weimar
DE031L Schwerin DE031L1 Schwerin
DE032L Erfurt DE032L1 Erfurt
DE033L Augsburg DE033L Augsburg DE033L1 Augsburg
DE034L Bonn DE034L Bonn DE034L1 Bonn
DE035L Karlsruhe DE035L Karlsruhe DE035L1 Karlsruhe
DE036L Mönchengladbach DE036L Mönchengladbach DE036L Mönchengladbach DE036L Mönchengladbach
DE037L Mainz DE037L Mainz DE037L1 Mainz
DE037L Mainz DE037L Mainz DE037L Mainz DE037L Mainz DE038L Ruhrgebiet DE038L1 Ruhrgebiet
DE039L Kiel DE039L Kiel DE039L1 Kiel
DE040L Saarbrucken DE040L Saarbrucken DE040L Saarbrucken DE040L1 Saarbrücken
DEU40L Sadi Di uckeli DEU40LI Sadi Di uckeli
DE042L Koblenz DE042L Koblenz DE042L1 Koblenz
DE042L Robbenz DE042L Robbenz DE042L Robbenz DE043L2 Rostock
DE044L1 Kaiserslautern
DE045L1 Iserlohn
DE048L1 Wilhelmshaven
DE050L1 Tübingen Villingen-
DE051L1 Schwenningen
DE052L1 Flensburg

DE053L1	Marburg
DE054L1	Konstanz
DE055L0	Neumünster Brandonburg an
DE056L0	Brandenburg an der Havel
DE057L1	Gießen
DE058L1	Lüneburg
DE059L1	Bayreuth
DE060L1	Celle
DE061L1	Aschaffenburg
DE062L1	Bamberg
DE063L1	Plauen
DE064L1	Neubrandenburg
DE065L1	Fulda
DE066L1	Kempten (Allgäu)
DE067L1	Landshut
DE069L1	Rosenheim
DE071L1	Stralsund
DE072L1	Friedrichshafen
DE073L1	Offenburg
DE074L1	Görlitz
DE077L1	Schweinfurt
DE078L1	Greifswald
DE079L1	Wetzlar
DE081L1	Passau
DE082L0	Dessau-Roßlau
	Braunschweig- Salzgitter-
DE083L1	Wolfsburg
DE084L1	Mannheim-
DE504L1	Ludwigshafen
DE505L0	Münster Chemnitz
DE507L1	Aachen
DLJU/LI	
DESORIO	
DE508L0	Krefeld
DE510L1	Krefeld Lübeck
DE510L1 DE513L1	Krefeld Lübeck Kassel
DE510L1 DE513L1 DE516L0	Krefeld Lübeck Kassel Solingen
DE510L1 DE513L1	Krefeld Lübeck Kassel
DE510L1 DE513L1 DE516L0 DE517L1 DE520L1	Krefeld Lübeck Kassel Solingen Osnabrück
DE510L1 DE513L1 DE516L0 DE517L1	Krefeld Lübeck Kassel Solingen Osnabrück Oldenburg
DE510L1 DE513L1 DE516L0 DE517L1 DE520L1	Krefeld Lübeck Kassel Solingen Osnabrück Oldenburg (Oldenburg)
DE510L1 DE513L1 DE516L0 DE517L1 DE520L1 DE522L1 DE523L1 DE524L2	Krefeld Lübeck Kassel Solingen Osnabrück Oldenburg (Oldenburg) Heidelberg Paderborn Würzburg
DE510L1 DE513L1 DE516L0 DE517L1 DE520L1 DE522L1 DE523L1 DE524L2 DE527L1	Krefeld Lübeck Kassel Solingen Osnabrück Oldenburg (Oldenburg) Heidelberg Paderborn Würzburg Bremerhaven
DE510L1 DE513L1 DE516L0 DE517L1 DE520L1 DE522L1 DE523L1 DE523L1 DE524L2 DE527L1 DE529L1	Krefeld Lübeck Kassel Solingen Osnabrück Oldenburg (Oldenburg) Heidelberg Paderborn Würzburg Bremerhaven Heilbronn
DE510L1 DE513L1 DE516L0 DE517L1 DE520L1 DE522L1 DE523L1 DE524L2 DE527L1	Krefeld Lübeck Kassel Solingen Osnabrück Oldenburg (Oldenburg) Heidelberg Paderborn Würzburg Bremerhaven

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					Pforzheim	
					Ingolstadt	
				DE535L1	Gera	
				DE537L1	Reutlingen	
				DE539L1	Cottbus	
				DE540L2	Siegen	
				DE542L1	Hildesheim	
				DE544L1	Zwickau	
				DE546L0	Wuppertal	
				DE547L2	Jena	
EE	Estonia					
EE001L	Tallinn	EE001L	Tallinn	EE001L1	Tallinn	
EE002L	Tartu	EE002L	Tartu	EE002L1	Tartu	
_				EE003L0	Narva	
IF	Ireland			, , , ,		
	Dublin	JF001J	Dublin	IE001L1	Dublin	
IE002L		IE002L		IE002L1		
	Limerick		Limerick		Limerick	† ·
	Galway		Galway		Galway	
			Waterford			
	Waterford	IEUUSL	wateriord	TEUUSLI	Waterford	
	Greece	000041		51.0041.4		
	Athina	GR001L		EL001L1		_
	Thessaloniki	GR002L	Thessaloniki		Thessaloniki	- +
EL003L	Patra	GR003L	Patra	EL003L1	Patra	_
EL004L	Irakleio	GR004L	Irakleio	EL004L1	Irakleio	
EL005L	Larisa	GR005L	Larisa	EL005L1	Larisa	
EL006L	Volos	GR006L	Volos	EL006L1	Volos	_
EL007L	Ioannina	GR007L	Ioannina	EL007L1	Ioannina	
EL008L	Kavala	GR008L	Kavala	EL008L1	Kavala	
EL009L	Kalamata	GR009L	Kalamata	EL009L1	Kalamata	
ES	Spain					
ES001L	Madrid	ES001L	Madrid	ES001L1	Madrid	
ES002L	Barcelona	ES002L	Barcelona	ES002L1	Barcelona	
ES003L	Valencia	ES003L	Valencia	ES003L1	Valencia	
ES004L	Sevilla	ES004L	Sevilla	ES004L1	Sevilla	
ES005L	Zaragoza	ES005L	Zaragoza	ES005L1	Zaragoza	
	Málaga		Valladolid	ES006L1	_	
	Murcia	_	Mßlaga	ES007L1	Ü	
	Las Palmas		Murcia		Las Palmas	
	Valladolid	-	Las Palmas		Valladolid	T-
	Palma de Mallorca		Palma de Mallorca		Palma de Mallorca	
LUUTUL	r anna de ividilorea	LJUIUL	Santiago de	LSOTOLI	Santiago de	
ES011L	Santiago de Compostela	ES011L	Compostela	ES011L1	Compostela	
ES012L					V(1) - 1 - 10 - 1 - 1	
	Vitoria/Gasteiz	ES012L	Vitoria/Gasteiz	ES012L1	Vitoria/Gasteiz	
	Vitoria/Gasteiz Oviedo		Vitoria/Gasteiz Oviedo	ES012L1 ES013L1		
ES013L	·	ES013L	·	ES013L1		

ES016L Toledo	ES016L Toledo	ES016L1 Toledo	
ES017L Badajoz	ES017L Badajoz		
		ES017L1 Badajoz ES018L1 Logroño	- + -
ES018L Logrono ES019L Bilbao	ES018L Logrono ES019L Bilbao	ES019L1 Bilbao	- + -
ES020L Córdoba	ESO20L Córdoba	ES020L1 Córdoba	-
ES021L Alicante/Alacant	ES021L Alicante/Alacant	ES020L1 Cordoba ES021L1 Alicante/Alacant	- + -
		T	- + -
ES022L Vigo	ES022L Vigo	ES022L1 Vigo	
ES023L Gijón	ES023L Gijón	ES023L1 Gijón	<u> </u>
	Santa Cruz de	Santa Cruz de	
ES025L Sta. Cruz de Tenerife	ES025L Tenerife	ES025L1 Tenerife	
ES026L Coruña, A		ES026L1 Coruña (A)	
		ES028L1 Reus	
		ES031L1 Lugo	
		ES033L1 Girona	
		ES034L1 Cáceres	
		ES035L1 Torrevieja	
		ES039L1 Avilés	
		Talavera de la ES040L1 Reina	
		ESO41L1 Palencia	
		ES043L1 Ferrol	
		ES044L1 Pontevedra	
		ES045L1 Ceuta	
		ES046L1 Gandia	
		ES048L1 Guadalajara	
		ES050L1 Manresa	
		ES053L1 Ciudad Real	
		ES054L1 Benidorm	
		ES055L1 Melilla	
		ES057L1 Ponferrada	
		ES059L1 Zamora	
		Sanlúcar de	
		ES062L1 Barrameda	
		ES070L1 Irun	
		ES071L1 Granollers	
		ES072L1 Arrecife	
		ES073L1 Elda Santa Lucía de	
		ES074L1 Tirajana	
		ES075L0 Mollet del Vallès	
		ES501L1 Granada	
		ES505L1 Elche/Elx	
		ES506L1 Cartagena	
		Donostia-San ES510L1 Sebastián	
		ES514L1 Almería	
		ES515L1 Burgos	
		ES516L1 Salamanca	

Plana/Castello de ESS20L1 Plana Plana ESS21L1 Plana ESS21L1 Plana ESS21L1 Ediz ESS22L1 Ediz ESS22L1 Ediz ESS22L1 Ediz ESS22L1 Ediz ESS22L1 Edid ESS22L1					ES519L1	Albacete Castellón de la		
FRO France					ESE 201 1	Plana/Castelló de		
FROTE FROT								
FR								
FRO France								
FROOSL Le Havre FRO1SL Le Havre FRO1SL Rouen								
FR France						_		
FR France								
FR France								
FR France								
FR France						_		
FR001L Paris		_			E\$533L1	Marbella		
FR003L Lyon								
FR004L Toulouse FR006L Strasbourg FR007L Bordeaux FR008L Nantes FR008L Nantes FR008L Nantes FR008L Illle FR010L Montpellier FR010L Montpellier FR011L Saint-Etienne FR011L Saint-Etienne FR011L Saint-Etienne FR011L Saint-Etienne FR011L Amiens FR013L Rennes FR014L Amiens FR015L Rouen FR015L Rouen FR015L Rouen FR015L Rouen FR016L Nancy FR016L Nancy FR017L Metz FR018L Reims FR018L Reims FR018L Reims FR018L Reims FR018L Reims FR019L Orléans FR019L Orléans FR020L Dijon FR020L Dijon FR020L Cermont-Ferrand FR021L Cermont-Ferrand FR021L Cermont-Ferrand FR021L Cernont-Ferrand FR021L Cernont-Ferrand FR021L Cernont-Ferrand FR021L Ditiers FR021L Ditiers FR021L Ditiers FR021L Ditiers FR021L Ditiers FR021L Ditiers FR021L Cernont-Ferrand FR021L Cernont-Ferrand FR021L Ditiers FR								
FR006L Strasbourg FR007L Bordeaux FR008L Nantes FR008L Nantes FR008L Vantes FR009L Lille FR010L Montpellier FR011L Le Havre FR013L Rennes FR013L Rennes FR014L Amiens FR015L Rouen FR016L Nancy FR016L Nancy FR017L Metz FR017L Metz FR018L Reims FR018L Reims FR018L Reims FR019L Orléans FR019L Orléans FR019L Orléans FR021L Delmont-Ferrand FR021L Delmont-Ferrand FR021L Clermont-Ferrand FR021L Caen FR021L Caen FR021L Caen FR021L Caen FR021L FR021L Caen								
FR007L Bordeaux FR008L Nantes FR008L Nantes FR008L Nantes FR008L Nantes PR008L PR008L Nantes PR008L Nantes PR011L Saint-Etitenne PR018L PR018L Rennes PR012L Le Havre PR018L PR018L Rennes PR014L Amiens PR014L PR014L PR014L	FR004L	Toulouse						
FR008L Nantes FR008L Nantes FR008L2 Nantes FR009L Lille FR009L2 Lille FR009L2 Lille FR010L Montpellier FR010L2 Montpellier FR010L2 Montpellier FR012L Le Havre FR011L2 Saint-Etienne FR013L Rennes FR013L2 Le Havre FR014L Amiens FR013L2 Rennes FR014L Amiens FR014L Amiens FR015L Rouen FR015L Rouen FR015L FR016L Nancy FR016L2 Nancy FR016L2 FR017L Metz FR016L2 Nancy FR016L2 FR018L Reims FR018L Reims FR018L2 Reims FR019L Orléans FR018L Reims FR018L2 Reims FR019L Orléans FR019L Orléans FR019L Orléans FR021L Poitiers FR021L Poitiers FR021L Poitiers	FR006L	Strasbourg	FR006L	Strasbourg	FR006L2	Strasbourg		
FR010L Montpellier FR011L Montpellier FR012L Le Havre FR013L Rennes FR013L Rennes FR013L Rennes FR014L Amiens FR014L Amiens FR015L Rouen FR015L Rouen FR016L Nancy FR016L Nancy FR016L Reims FR018L Reims FR018L Reims FR018L Reims FR019L Orléans FR019L Orléans FR02L Dijon FR02L Dijon FR02L Clermont-Ferrand FR02L Clermont-F	FR007L	Bordeaux	FR007L	Bordeaux	FR007L2	Bordeaux		
FR010L Montpellier FR012L Le Havre FR013L Rennes FR013L Rennes FR014L Amiens FR014L Amiens FR015L Rouen FR015L Rouen FR016L Nancy FR016L Nancy FR017L Metz FR017L Metz FR018L Reims FR018L Reims FR018L Reims FR018L Reims FR018L Reims FR019L Orléans FR02DL Dijon FR02DL Dijon FR02DL Clermont-Ferrand FR023L Caen FR023L Caen FR024L Limoges FR024L Limoges FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR028L Toulon FR032L Toulon FR032L Toulon FR032L Toulon FR032L Toulon FR033L Toulon FR033L Toulon FR033L Toulon FR033L Toulon FR033L Toulon FR033L Toulon FR034L Valenciennes	FR008L	Nantes	FR008L	Nantes	FR008L2	Nantes		
FR012L Le Havre	FR009L	Lille			FR009L2	Lille		
FR012L Le Havre FR012L Le Havre FR012L2 Le Havre FR013L Rennes FR013L Rennes FR013L2 Rennes FR014L Amiens FR014L Amiens FR014L2 Amiens FR015L Rouen FR015L Rouen FR016L2 Rouen FR016L Nancy FR016L Nancy FR016L2 Nancy FR017L Metz FR017L Metz FR017L2 Metz FR018L Reims FR018L Reims FR018L2 Reims FR019L Orléans FR019L2 Orléans FR019L2 Orléans FR02DL Dijon FR02DL Dijon FR02DL2 Dijon FR021L Poitiers FR021L2 Poitiers FR021L2 Poitiers FR021L Poitiers FR021L2 Poitiers FR021L2 Poitiers FR021L Cenmont-Ferrand FR022L2 Clermont-Ferrand FR022L2 Clermont-Ferrand FR023L Caen FR023L2 Caen FR023L2 Caen FR024L Limoges FR024L2 Limoges FR024L2 Limoges FR025L Besançon FR025L2 Besançon FR025L2 Genoble FR027L Ajaccio FR027L2 Ajaccio FR027L2 Ajaccio FR03L1 Fort-de-France FR03L1 Fort-de-France	FR010L	Montpellier			FR010L2	Montpellier		
FR013L Rennes FR014L Amiens FR014L Amiens FR014L Amiens FR014L Amiens FR014L Amiens FR014L Amiens FR015L Rouen FR015L Rouen FR215L2 Rouen FR016L Nancy FR016L Nancy FR016L2 Nancy FR017L Metz FR017L Metz FR017L2 Metz FR018L Reims FR018L Reims FR018L2 Reims FR019L Orléans FR019L2 Orléans FR019L2 Orléans FR020L Dijon FR020L Dijon FR020L2 Dijon FR021L Poitiers FR021L Poitiers FR021L2 Poitiers FR021L Orléans FR021L2 Poitiers FR021L2 Poitiers FR021L Deiters FR021L2 Poitiers FR021L2 Poitiers FR021L Clermont-Ferrand FR022L2 Clermont-Ferrand FR022L2 Clermont-Ferrand FR023L Caen FR023L Caen FR023L2 Caen FR024L Limoges FR024L2 Limoges FR024L2 Limoges FR025L Besançon FR025L2 Besançon FR025L2 Grenoble FR027L Ajaccio FR027L2 Ajaccio FR027L2 Ajaccio FR03L1 Fort-de-France FR03L1 Fort-de-France					FR011L2	Saint-Etienne		
FR014L Amiens FR014L Amiens FR014L Amiens FR014L Amiens FR015L Rouen FR015L Rouen FR215L2 Rouen FR016L Nancy FR016L Nancy FR016L2 Nancy FR017L Metz FR017L Metz FR017L2 Metz FR018L Reims FR018L Reims FR018L2 Reims FR019L Orléans FR019L Orléans FR019L2 Orléans FR020L Dijon FR020L Dijon FR020L2 Dijon FR021L Poitiers FR020L2 Dijon FR020L2 Dijon FR021L Poitiers FR021L2 Poitiers FR020L2 Clermont-Ferrand FR022L Clermont-Ferrand FR022L2 Clermont-Ferrand FR022L2 Clermont-Ferrand FR023L Caen FR023L2 Caen FR023L2 Caen FR024L Limoges FR024L2 Limoges FR024L2 Limoges FR025L Besançon FR025L2 Besançon FR025L2 Besançon FR026L Grenoble FR026L Grenoble FR026L2 Grenoble FR027L Ajaccio FR027L2 Ajaccio FR027L2 Ajaccio FR030L1 Fort-de-France FR030L1 Fort-de-France	FR012L	Le Havre	FR012L	Le Havre	FR012L2	Le Havre		
FR015L Rouen FR015L Rouen FR215L2 Rouen FR016L Nancy FR016L2 Nancy PR016L2 Nancy FR017L Metz FR016L2 Nancy PR016L2 Nancy FR017L Metz FR016L2 Netz PR016L2 Netz FR018L Reims FR018L2 Reims FR018L2 Reims FR019L Orléans FR018L2 Orléans FR018L2 Orléans FR02DL Orléans FR019L Orléans FR019L2 Orléans FR02DL Dijon FR020L2 Dijon FR020L2 Pijon FR021L Poitiers FR021L2 Poitiers FR021L2 Poitiers FR022L Clermont-Ferrand FR022L2 Clermont-Ferrand FR022L2 Clermont-Ferrand FR023L Caen FR023L2 Caen FR024L2 Limoges FR025L Besançon FR025L2 Besançon FR026L2 Grenoble FR027L <t< th=""><th>FR013L</th><th>Rennes</th><th>FR013L</th><th>Rennes</th><th>FR013L2</th><th>Rennes</th><th>_</th><th></th></t<>	FR013L	Rennes	FR013L	Rennes	FR013L2	Rennes	_	
FR016L Nancy FR016L Nancy FR016L2 Nancy FR017L Metz FR017L Metz FR017L2 Metz FR018L Reims FR018L2 Reims FR018L2 Reims FR019L Orléans FR019L2 Orléans FR019L2 Orléans FR02DL Dijon FR02DL2 Dijon PR02DL2 Dijon FR021L Poitiers FR021L2 Poitiers FR021L2 Poitiers FR022L Clermont-Ferrand FR022L2 Clermont-Ferrand FR022L2 Clermont-Ferrand FR023L Caen FR023L Caen FR024L2 Limoges FR024L Limoges FR024L2 Limoges FR025L2 Besançon FR025L Gernoble FR026L2 Grenoble FR026L2 Grenoble FR027L Ajaccio FR027L2 Ajaccio FR028L1 Saint Denis FR032L Toulon FR034L2 Valenciennes	FR014L	Amiens	FR014L	Amiens	FR014L2	Amiens		
FR017L Metz FR018L Reims FR018L Reims FR019L Orléans FR019L Orléans FR02DL Dijon FR02DL Dijon FR02DL Dijon FR02DL Poitiers FR02DL Clermont-Ferrand FR02DL Clermont-Ferrand FR02DL Limoges FR02DL Limoges FR02DL Limoges FR02DL Dijon FR02DL Caen FR02DL Caen FR02DL Caen FR02DL Limoges FR02DL Limoges FR02DL Limoges FR02DL Dijon FR02DL Caen FR02DL Caen FR02DL Caen FR02DL Caen FR02DL Limoges FR02DL Limoges FR02DL Limoges FR02DL Dijon FR02DL Caen FR02DL Caen FR02DL Caen FR02DL Caen FR02DL Caen FR02DL Limoges FR02DL Dijon FR02DL Caen FR02D	FR015L	Rouen	FR015L	Rouen	FR215L2	Rouen		
FR018L Reims FR019L Orléans FR019L Orléans FR019L2 Orléans FR02DL Dijon FR02DL Dijon FR02DL Dijon FR02DL Dijon FR02DL Poitiers FR02DL Poitiers FR02DL Clermont-Ferrand FR02DL Clermont-Ferrand FR02DL Caen FR02DL Limoges FR02DL Limoges FR02DL Limoges FR02DL Besançon FR02DL Besançon FR02DL Grenoble FR02DL Grenoble FR02DL Ajaccio FR02DL Ajaccio FR02DL Ajaccio FR02DL Ajaccio FR02DL Saint Denis FR03DL Toulon FR03DL Toulon FR03DL Toulon FR03DL2 Valenciennes	FR016L	Nancy	FR016L	Nancy	FR016L2	Nancy		
FR019L Orléans FR02DL Dijon FR02DL Dijon FR02DL Dijon FR02DL Dijon FR02DL Poitiers FR02L Clermont-Ferrand FR02DL Caen FR02BL Caen FR02BL Limoges FR02BL Limoges FR02BL Besançon FR02BL Grenoble FR02BL Ajaccio FR02CL Ajaccio FR02CL Ajaccio FR03DL Toulon FR03DL Toulon FR03DL Toulon FR03DL Toulon FR03DL Toulon FR03DL Toulon FR03DL Valenciennes	FR017L	Metz	FR017L	Metz	FR017L2	Metz		
FR020L Dijon FR020L Dijon FR020L2 Dijon FR020L2 Dijon FR021L Poitiers FR021L Poitiers FR021L2 Poitiers FR021L2 Clermont-Ferrand FR022L Clermont-Ferrand FR023L2 Caen FR023L2 Caen FR023L2 Caen FR024L Limoges FR024L2 Limoges FR024L2 Limoges FR025L Besançon FR025L Besançon FR025L Besançon FR026L3 Grenoble FR026L3 Grenoble FR026L3 Grenoble FR027L4 Ajaccio FR027L4 Ajaccio FR027L5 Ajaccio FR027L5 Ajaccio FR027L5 Ajaccio FR027L5 Saint Denis FR028L1 Saint Denis FR032L5 Toulon FR034L5 Valenciennes	FR018L	Reims	FR018L	Reims	FR018L2	Reims		
FR021L Poitiers FR022L Clermont-Ferrand FR023L Caen FR023L Caen FR024L Limoges FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR027L Toulon FR032L Toulon FR032L Toulon FR032L Toulon FR032L Toulon FR032L Poitiers FR021L Poitiers FR023L Caen FR023L Caen FR023L Caen FR023L Limoges FR024L Limoges FR024L Limoges FR024L Limoges FR024L Limoges FR025L Besançon FR025L Besançon FR025L Grenoble FR026L Grenoble FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR028L1 Saint Denis	FR019L	Orléans	FR019L	Orléans	FR019L2	Orléans		
FR022L Clermont-Ferrand FR023L Caen FR023L Caen FR024L Limoges FR024L Limoges FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR027L Toulon FR032L Toulon FR032L Toulon FR034L2 Clermont-Ferrand FR022L2 Clermont-Ferrand FR023L2 Caen FR023L2 Caen FR024L2 Limoges FR024L2 Limoges FR024L2 Limoges FR024L2 Limoges FR025L2 Besançon FR025L2 Grenoble FR026L2 Grenoble FR027L2 Ajaccio FR027L3 Ajaccio FR030L1 Fort-de-France	FR020L	Dijon	FR020L	Dijon	FR020L2	Dijon		
FR023L Caen FR024L Limoges FR024L Limoges FR025L Besançon FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR027L Toulon FR032L Toulon FR034L Valenciennes	FR021L	Poitiers	FR021L	Poitiers	FR021L2	Poitiers		
FR024L Limoges FR025L Besançon FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR030L1 Fort-de-France FR032L Toulon FR034L2 Valenciennes	FR022L	Clermont-Ferrand	FR022L	Clermont-Ferrand	FR022L2	Clermont-Ferrand		
FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR030L1 Fort-de-France FR031L Toulon FR034L2 Valenciennes	FR023L	Caen	FR023L	Caen	FR023L2	Caen		
FR025L Besançon FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR030L1 Fort-de-France FR031L Toulon FR034L2 Valenciennes	FR024L	Limoges	FR024L	Limoges	FR024L2	Limoges		
FR026L Grenoble FR027L Ajaccio FR027L Ajaccio FR027L Ajaccio FR028L1 Saint Denis FR030L1 Fort-de-France FR032L Toulon FR032L Toulon FR034L2 Valenciennes								
FR027L Ajaccio FR027L Ajaccio FR027L2 Ajaccio FR028L1 Saint Denis FR030L1 Fort-de-France FR032L Toulon FR032L Toulon FR034L2 Valenciennes		-						
FR032L Toulon FR032L Toulon FR034L2 Valenciennes			FR027L	Ajaccio				
FR032L Toulon FR032L Toulon FR034L2 Valenciennes								
FR032L Toulon FR032L Toulon FR034L2 Valenciennes								
FR032L Toulon FR032L Toulon FR034L2 Valenciennes					FR030L1	Fort-de-France		
FR034L2 Valenciennes								
FR034L2 Valenciennes	FR032L	Toulon	FR032L	Toulon	FR032L2	Toulon		
						_		
	FR035L	Tours	FR035L	Tours				

FR203L2	Marseille
FR205L2	Nice
FR207L2	Lens - Liévin
FR036L2	Angers
FR037L2	Brest
FR038L2	Le Mans
FR039L1	Avignon
FR040L2	Mulhouse
FR042L2	Dunkerque
FR043L2	Perpignan
FR044L2	Nimes
FR045L2	Pau
FR046L2	Bayonne
FR047L0	Annemasse
FR048L2	Annecy
FR049L2	Lorient
FR050L2	Montbelliard
FR051L2	Troyes
FR052L2	Saint-Nazaire
FR053L2	La Rochelle
FR056L2	Angoulème
FR057L2	Boulogne-sur-mer
FR058L2	Chambery
FR059L2	Chalon-sur-Saône
FR060L2	Chartres
FR061L2	Niort
FR062L2	Calais
FR063L2	Béziers
FR064L2	Arras
FR065L2	Bourges
FR066L2	Saint-Brieuc
FR067L2	Quimper
FR068L2	Vannes
FR069L2	Cherbourg
FR073L2	Tarbes
FR074L2	Compiègne
FR076L2	Belfort
FR077L2	Roanne
FR079L2	Saint-Quentin
FR082L2	Beauvais
FR084L2	Creil
FR086L2	Evreux
FR090L2	Châteauroux
FR093L2	Brive-la-Gaillarde
FR096L2	Albi
FR099L2	Fréjus

		Châlons-en- FR104L2 Champagne	
		FR208L1 Hénin - Carvin	
		FR209L2 Douai	
		FR214L1 Valence	
		FR304L1 Melun	
		FR324L1 Martigues	
		Charleville-	
		FR505L1 Mézières	
IT Italy		FR506L1 Colmar	
IT Italy IT001L Roma	IT001L Roma	IT001L2 Roma	
IT002L Milano	IT002L Milano	IT002L2 Milano	
IT003L Napoli	IT003L Napoli	IT003L2 Napoli	- +
IT004L Torino	IT004L Torino	IT004L2 Torino	+
IT005L Palermo	IT005L Palermo	IT005L2 Palermo	+
IT006L Genova	IT006L Genova	IT006L2 Genova	_
IT007L Firenze	IT007L Firenze	IT007L2 Firenze	
IT008L Bari	IT008L Bari	IT008L2 Bari	
IT009L Bologna	IT009L Bologna	IT009L1 Bologna	
IT010L Catania	IT010L Catania	IT010L2 Catania	_
IT011L Venezia	IT011L Venezia	IT011L2 Venezia	
IT012L Verona	IT012L Verona	IT012L2 Verona	
IT013L Cremona	IT013L Cremona	IT013L2 Cremona	
IT014L Trento	IT014L Trento	IT014L2 Trento	
IT015L Trieste	IT015L Trieste	IT015L1 Trieste	
IT016L Perugia	IT016L Perugia	IT016L2 Perugia	
IT017L Ancona	IT017L Ancona	IT017L2 Ancona	
IT018L L'Aquila	IT018L l'Aquila		
IT019L Pescara	IT019L Pescara	IT019L2 Pescara	
IT020L Campobasso	IT020L Campobasso	IT020L2 Campobasso	
IT021L Caserta	IT021L Caserta	IT021L2 Caserta	
IT022L Taranto	IT022L Taranto	IT022L2 Taranto	
IT023L Potenza	IT023L Potenza	IT023L2 Potenza	
IT024L Catanzaro	IT024L Catanzaro	IT024L2 Catanzaro	
IT025L Reggio di Calabria	IT025L Reggio di Calabria	IT025L2 Reggio di Calabria	
IT026L Sassari	IT026L Sassari	IT026L2 Sassari	
IT027L Cagliari	IT027L Cagliari	IT027L1 Cagliari	
IT028L Padova	IT028L Padova	IT028L2 Padova	
IT029L Brescia	IT029L Brescia	IT029L2 Brescia	
IT030L Modena	IT030L Modena	IT030L2 Modena	
IT031L Foggia	IT031L Foggia	IT031L2 Foggia	
IT032L Salerno	IT032L Salerno	IT032L2 Salerno	
		IT033L1 Piacenza	
		IT034L1 Bolzano	
		IT035L1 Udine	

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				IT036L1	La Spezia	
				IT037L1	Lecce	
				IT038L1	Barletta	
				IT039L1	Pesaro	
				IT040L1	Como	
				IT041L1	Pisa	
				IT042L1	Treviso	
				IT043L1	Varese	
				IT044L1	Busto Arsizio	
				IT045L1	Asti	
				IT046L1	Pavia	
				IT047L1	Massa	
				IT048L1	Cosenza	
				IT049L1	Carrara	
				IT050L1	Benevento	
				IT051L1	Sanremo	
				IT052L1	Savona	
					Vigevano	
				IT054L1	_	
					Viareggio	
					Acireale	
					Avellino	
					Pordenone	
				IT059L1		
				IT060L1		
					Messina	
				IT502L2		
				IT503L2		
					Livorno	
					Reggio nell'Emilia	
					Ravenna	
					Ferrara	
				17507L2		
					Siracusa	
					Bergamo	
				IT512L2		
				IT513L2		
					Vicenza	
				IT515L2		
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	Cyprus	CV204	I office in	CVCCALA	1 - 61 : -	
CYUUIL	Lefkosia	CY001L	Lefkosia	_	Lefkosia	
				CY501L1	Lemesos	
	Latvia					
LV001L		LV001L		LV001L0		
LV002L	Liepaja	LV002L	Liepaja	LV002L1	Liepāja	

				LV003L1	lelgava	
					Daugavpils	
ΙT	Lithuania			EVSOILI	Buuguvpiis	
LT001L		LT001L	Vilnius	LT001L1	Vilnius	
_	Kaunas		Kaunas	LT002L1		
	Panevezys		Panevezys		Panevėžys	_
LIOUSE	T direvezy5	ETOOSE	T unevezys	LT004L0		
					Klaipėda	
				LT502L0		
	Luxembourg (Grand			LISOZEO	Siddildi	
LU	Duchy)					
LU001L	Luxembourg (Grand Duchy)	LU001L	Luxembourg	LU001L1	Luxembourg	
	Hungary					
	Budapest	HU001L	Budapest	HU001L2	Budapest	
HU002L		HU002L		HU002L2		_
	Nyíregyháza		Nyíregyháza		Nyíregyháza	
HU004L		HU004L		HU004L2		_
	Debrecen	_	Debrecen		Debrecen	
HU006L		HU006L		HU006L2	Szeged	
HU007L		HU007L	- C	HU007L2	S	
	Kecskemét		Kecskemét		Kecskemét	_
_	Székesfehérvár	_	Székesfehérvár		Székesfehérvár	_
1100032	Szekesfellet var	1100032	32chesterier var		Szombathely	
МТ	Malta			11001021	Szombatnery	
MT001L		MT001L	Valletta	MT001L1	Valletta	
		MT002L	Gozo		_	
NL	Netherlands					
NL001L	's-Gravenhage	NL001L	s' Gravenhage	NL001L2	s' Gravenhage	
NL002L	Amsterdam		Amsterdam		Amsterdam	_
NL003L	Rotterdam	NL003L	Rotterdam	NL003L2	Rotterdam	_
NL004L	Utrecht	NL004L	Utrecht	NL004L2	Utrecht	
NL005L	Eindhoven	NL005L	Eindhoven	NL005L2	Eindhoven	
NL006L	Tilburg	NL006L		NL006L2		
	Groningen		Groningen	NL007L2	Groningen	
	Enschede		Enschede		Enschede	
	Arnhem	_	Arnhem	NL009L2		
_	Heerlen	_	Heerlen		Heerlen	
NL012L	Breda	NL012L	Breda	NL012L2	Breda	
NL013L	Nijmegen	NL013L	Nijmegen	NL013L2	Nijmegen	
	Apeldoorn		Apeldoorn		Apeldoorn	
_	Leeuwarden		Leeuwarden	_	Leeuwarden	
				NL016L1	Sittard-Geleen	
				NL017L1	Delft	
				NL018L1	Hilversum	
				NL020L1	Roosendaal	
		I				1

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			NL026L1	Alphen aan den Rijn	
			NL028L1	Bergen op Zoom	
			NL029L1	Katwijk	
			NL030L1	Gouda	
			NL032L1	Middelburg	
			NL503L2	s-Hertogenbosch	
				Amersfoort	
			NL505L1	Maastricht	
			NL506L2	Dordrecht	
			NL507L2	Leiden	
			NL511L2	Zwolle	
			NL512L1	Ede	
			NL513L2	Deventer	
			NL514L2	Alkmaar	
			NL515L2	Venlo	
			NL519L2	Almelo	
AT Austria			AT	Austria	
AT001L Wien	AT001L	Wien	AT001L2	Wien	
AT002L Graz	AT002L	Graz	AT002L2	Graz	
AT003L Linz	AT003L	Linz	AT003L2	Linz	
AT004L Salzburg	AT004L	Salzburg	AT004L2	Salzburg	
AT005L Innsbruck		Innsbruck		Innsbruck	T
			AT006L1	Klagenfurt	
PL Poland					
PL001L Warszawa	PL001L	Warszawa	PL001L2	Warszawa	
PL002L Lodz	PL002L	Lodz	PL002L2	Łódź	
PL003L Krakow	PL003L	Krakow	PL003L2	Kraków	
PL004L Wroclaw	PL004L	Wroclaw	PL004L2	Wrocław	
PL005L Poznan	PL005L	Poznan	PL005L2	Poznań	
PL006L Gdansk	PL006L	Gdansk	PL006L2	Gdańsk	
PL007L Szczecin	PL007L	Szczecin	PL007L2	Szczecin	
PL008L Bydgoszcz	PL008L	Bydgoszcz	PL008L2	Bydgoszcz	
PL009L Lublin	PL009L		PL009L2		
	PL010L	Katowice-Zory	PL010L2	Katowice	
PL011L Bialystok		Bialystok	PL011L2	Białystok	
PL012L Kielce	PL012L		PL012L2		
PL013L Torun	PL013L	Torun	PL013L2	Toruń	
PL014L Olsztyn	PL014L	Olsztyn	PL014L2	Olsztyn	
PL015L Rzeszow	PL015L	Rzeszow	PL015L2	Rzeszów	
PL016L Opole	PL016L	Opole	PL016L2	Opole	
				Gorzów	
PL017L Gorzow Wielkopolski		Gorzow Wielkopolski	_	Wielkopolski	+
PL018L Zielona Gora		Zielona Gora		Zielona Góra	+
PL019L Jelenia Gora		Jelenia Gora		Jelenia Góra	+
PL020L Nowy Sacz		Nowy Sacz		Nowy Sącz	
PL021L Suwalki	PL021L	Suwalki	PL021L2	Suwałki	

PL022L Konin	PL022L Konin	PL022L2 Konin	
		, , , , , , , , , , , , , , , , , , , ,	
PL024L Czestochowa	PL024L Czestochowa	PL024L2 Częstochowa	
PL025L Radom	PL025L Radom	PL025L2 Radom	
PL026L Plock	PL026L Plock	PL026L2 Płock	
PL027L Kalisz	PL027L Kalisz	PL027L2 Kalisz	
PL028L Koszalin	PL028L Koszalin	PL028L2 Koszalin	
		PL029L1 Słupsk	
		PL030L1 Jastrzębie-Zdrój	
		PL031L1 Siedlce	
		Piotrków	
		PL032L1 Trybunalski	
		PL033L1 Lubin	
		PLO34L1 Piła	
		PL035L1 Inowrocław Ostrowiec	
		PL036L1 Świętokrzyski	
		PL037L1 Gniezno	
		Stargard PL038L1 Szczeciński	
		Ostrów	
		PL039L1 Wielkopolski	
		PL040L1 Przemyśl	
		PL041L1 Zamość	
		PL042L1 Chełm	
		PL043L1 Pabianice	
		PL044L1 Głogów	
		PL045L1 Stalowa Wola	
		Tomaszów PL046L1 Mazowiecki	
		PL047L1 Łomża	
		PL048L1 Leszno	
		PL049L1 Świdnica	
		PL051L1 Tczew	
		PL052L1 Ełk	
		PL506L2 Bielsko-Biała	
		PL508L1 Rybnik	
		PL511L2 Wałbrzych	
		PL512L2 Elbląg	
		PL513L2 Włocławek	
		PL514L2 Tarnów	
		PL516L2 Legnica	
		PL517L2 Grudziądz	
PT Portugal			
PT001L Lisboa	PT001L Lisboa	PT001L2 Lisboa	
PT002L Porto	PT002L Porto	PT002L2 Porto	
PT003L Braga	PT003L Braga	PT003L1 Braga	
PT004L Funchal	PT004L Funchal	PT004L2 Funchal	
PT005L Coimbra	PT005L Coimbra	PT005L2 Coimbra	

PT006L Setúbal	PT006L Set·bal	PT006L0 Setúbal	
PT007L Ponta Delgada PT008L Aveiro	PT007L Ponta Delgada PT008L Aveiro	PT007L1 Ponta Delgada PT008L2 Aveiro	
PT009L Faro	PT009L Faro	PT009L1 Faro	_
P1009L Faio	F1009L Faio	PT014L0 Viseu	
		PT016L0 Viseu PT016L0 Viana do Castelo	
		PT019L0 Póvoa de Varzim	
		PT505L1 Guimarães	
RO Romania		P1303L1 Guillalaes	
RO001L Bucuresti	RO001L Bucuresti	RO001L1 Bucureşti	
RO002L Cluj-Napoca	RO002L Cluj-Napoca	RO002L1 Cluj-Napoca	
RO003L Timisoara	RO003L Timisoara	RO003L1 Timişoara	
RO004L Craiova	RO004L Craiova	RO004L1 Craiova	
RO005L Braila	RO005L Braila	RO005L1 Brăila	
RO006L Oradea	RO006L Oradea	RO006L1 Oradea	
RO007L Bacau	RO007L Bacau	RO007L1 Bacău	
RO008L Arad	RO007L Bacad	RO008L1 Arad	
RO009L Sibiu	RO009L Sibiu	RO009L1 Sibiu	
RO010L Targu Mures	RO010L TÔrgu Mures	RO010L1 Târgu Mureş	
RO011L Piatra Neamt	RO010L Piatra Neamt	RO011L1 Piatra Neamţ	
RO012L Calarasi	RO012L Calarasi	RO012L1 Călărași	
RO013L Giurgiu	RO013L Giurgiu	RO013L1 Giurgiu	
RO014L Alba Iulia	RO014L Alba Iulia	RO014L1 Alba Iulia	
NOOT4E Alba lulla	NOOT4L Alba falla	RO015L0 Focşani	
		RO016L0 Târgu Jiu	
		RO017LO Tulcea	
		RO018L0 Târgovişte	
		RO019LO Slatina	
		RO020LO Bârlad	
		RO021L0 Roman	
		RO501L1 Constanta	
		RO502L1 lasi	
		RO503L1 Galati	
		RO504L1 Brasov	
		RO505L1 Ploiesti	
		RO506L1 Pitesti	
		RO507L1 Baia Mare	
		RO508L1 Buzau	
		RO509L1 Satu Mare	
		RO510L1 Botosani	
		RO511L1 Ramnicu Valcea	
		RO512L1 Suceava	
		Drobeta-Turnu RO513L1 Severin	
SI Slovenia			
SI001L Ljubljana	SI001L Ljubljana	SI001L1 Ljubljana	
SI002L Maribor	SI002L Maribor	SI002L1 Maribor	

ςν	Slovakia						
		CK0041	Duotialous	CK00111	Dustislava		
- 1 11 -	Bratislava	_	Bratislava		Bratislava	_	_
SK002L		SK002L		SK002L1		_	_
	Banska Bystrica		Banska Bystrica		Banská Bystrica	_	_
SK004L		SK004L		SK004L1			_
_	PRESOV		PreSov	SK005L1		_	_
SK006L	Zilina	SK006L	Zilina	SK006L1	Žilina		
SK007L	TRNAVA	SK007L	Trnava	SK007L1	Trnava	_	_
SK008L	Trencín	SK008L	Trencín	SK008L1	Trenčín		
FI	Finland						
FI001L	Helsinki	FI001L	Helsinki	FI001L2	Helsinki	_	_
FI002L	Tampere	FI002L	Tampere	FI002L2	Tampere	_	_
FI003L	Turku	FI003L	Turku	FI003L2	Turku		
FI004L	Oulu	FI004L	Oulu	FI004L2	Oulu		
				FI007L1	Lahti		
				FI008L1	Kuopio		
				FI009L1	Jyväskylä		
SE	Sweden						
SE001L	Stockholm	SE001L	Stockholm	SE001L1	Stockholm		
SE002L	Göteborg	SE002L	Göteborg	SE002L1	Göteborg		
SE003L	Malmö	SE003L	Malmö	SE003L1	Malmö		
SE004L	Jönköping	SE004L	Jönköping	SE004L1	Jönköping		
SE005L	Umeå	SE005L	Umeå	SE005L1	Umeå		
SE006L	Uppsala	SE006L	Uppsala	SE006L1	Uppsala		
_	Linköping		Linköping		Linköping		
SE008L			Örebro	SE008L1		_	
					Västerås		
				SE502L1	Norrköping		
					Helsingborg		
				SE505L1			
UK	United Kingdom						
UK001L		LIKO01I	London	UK001L2	London		
OKOOIL	London	OROUTE	London	OROOTEZ	West Midlands		
				UK002L1	urban area		
UK002L	Birmingham	UK002L	Birmingham				
				UK003L1	Leeds		
UK004L	Glasgow	UK004L	Glasgow	UK004L1	Glasgow		
				UK005L0	Bradford		
UK006L	Liverpool	UK006L	Liverpool	UK006L2	Liverpool		
UK007L	Edinburgh	UK007L	Edinburgh	UK007L1	Edinburgh		
UK008L	Manchester	UK008L	Manchester	UK008L2	Manchester		
UK009L	Cardiff	UK009L	Cardiff	UK009L1	Cardiff		
UK010L	Sheffield	UK010L	Sheffield	UK010L2	Sheffield		
UK011L	Bristol	UK011L	Bristol	UK011L2	Bristol		
UK012L	Belfast	UK012L	Belfast	UK012L1	Belfast		
			Newcastle upon		Newcastle upon		
UK013L	Newcastle upon Tyne	UK013L	Tyne	UK013L2	Tyne		

UK014L I			Leicester		Leicester	
UK015L I	· -	UK015L		UK015L0		
UK016L /	Aberdeen	UK016L	Aberdeen	UK016L1	Aberdeen	
UK017L (Cambridge	UK017L	Cambridge	UK017L1	Cambridge	
UK018L I	Exeter	UK018L	Exeter	UK018L2	Exeter	
UK019L I	Lincoln	UK019L	Lincoln	UK019L2	Lincoln	
				UK021L0	Stevenage	
UK022L \	Wrexham	UK022L	Wrexham	UK022L0	Wrexham	
UK023L I	Portsmouth	UK023L	Portsmouth	UK023L1	Portsmouth	
UK024L \	Worcester	UK024L	Worcester	UK024L0	Worcester	
UK025L (Coventry	UK025L	Coventry	UK025L2	Coventry	
UK026L I	Kingston-upon-Hull	UK026L	Kingston-upon-Hull	UK026L1	Kingston upon Hull	
	Stoke-on-trent		Stoke-on-Trent		Stoke-on-Trent	
	Wolverhampton		Wolverhampton			
	Nottingham		Nottingham	LIK029L1	Nottingham	
OROZSE I	Nottingnam	OROZSE	Wottinghum	OKOZSEI	Nottingnam	
11/2011 1	Leeds - Bradford	11/2011	Bradford-Leeds			
OKZUIL I	Leeus - Di autoru	OKZUIL	Di autoi u-Leeus		Bath and North	
				UK031L0	East Somerset	
				UK033L0	Guildford	
				UK034L0	Thanet	
				UK038L0	Waveney	
				UK040L0	Tunbridge Wells	
				UK041L0	Ashford	
				UK043L0	East Staffordshire	
				UK044L0	Darlington	
				UK045L0	Worthing	
					Mansfield	
					Chesterfield	
				UK050L1		
					Great Yarmouth	
					Hartlepool	
					Cannock Chase	
					Eastbourne	
				UK056L1		
					Redditch	
				UK501L0		
					Doncaster	
					Sunderland	
				UK513L0		
					Brighton and Hove	
					Plymouth	
					Swansea	
				UK518L1		
				UK519L0		
				LIVE2011	Southampton	İ

i		ı		1	
				UK525L0	Milton Keynes
				UK528L0	Northampton
				UK531L0	Warrington
				UK532L0	Luton
				UK533L0	York
				UK535L0	Swindon
					Bournemouth
					Wycombe
					Telford and Wrekin
				OK342L0	North East
				UK543L0	Lincolnshire
				UK545L0	Peterborough
				UK546L0	Colchester
				111/15 40: 0	Basingstoke and
				UK548L0	
				UK549L0	
					Dundee City
				UK551L0	
				UK552L0	
				UK553L2	Blackpool
				UK554L0	Maidstone
				UK556L0	Dacorum
				UK557L2	Blackburn with
					Newport
					Middlesbrough
				UK560L0	
				UK561L0 UK562L2	•
					Warwick
				UK566L1	Norwich Cheshire West and
				UK568L2	
				UK569L1	Ipswich
					Cheltenham
					Gloucester
					Bracknell Forest
				UK575L0	
				UK576L0	
НР	Hrvatska			JK370L0	Cidwicy
	Zagreb	HR001L	7agreh	HR0011.2	Grad Zagreb
HR001L		HR002L		HR001L2	
-		_	Slavonski Brod		
	Slavonski Brod				Slavonski Brod
HR004L		HR004L		HR004L2	
HR005L		HR005L	Spilt	HR005L2	Split
	Turkey				
	Ankara				
TR002L	Adana				

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	Antalya					
TR004L	Balikesir					
TR005L	Bursa					
TR006L	Denizli					
TR007L	Diyarbakir					
TR008L	Edirne					
TR009L	Erzurum					
TR010L	Gaziantep					
TR011L	Hatay					
TR012L	Istanbul					
TR013L	Izmir					
TR014L	Kars					
TR015L	Kastamonu					
TR016L	Kayseri					
TR017L	Kocaeli					
TR018L	Konya					
TR019L	Malatya					
TR020L	Manisa					
TR021L	Nevsehir					
TR022L	Samsun					
TR023L	Siirt					
TR024L	Trabzon					
TR025L	Van					
TR026L	Zonguldak					
NO	Norge					
NO001L	Oslo	NO001L	Oslo	NO001L1	Oslo	_
NO002L	Bergen	NO002L	Bergen	NO002L1	Bergen	
NO003L	Trondheim	NO003L	Trondheim	NO003L1	Trondheim	
NO004L	Stavanger	NO004L	Stavanger	NO004L1	Stavanger	
NO005L	Kristiansand	NO005L	Kristiansand	NO005L1	Kristiansand	
NO006L	Tromsø	NO006L	Tromsø	NO006L1	Tromsø	
СН	Schweiz/Suisse					
CH001L	Zurich	CH001L	Zurich	CH001L1	Zürich	
CH002L	Genève	CH002L	Genève	CH002L1	Genève	
CH004L	Bern	CH004L	Bern	CH004L1	Bern	
CH005L	Lausanne	CH005L	Lausanne	CH005L1	Lausanne	
CH003L	Basel			CH003L1	Basel	
CH006L	Winterthur			CH006L1	Winterthur	
CH007L	St. Gallen			CH007L1	St. Gallen	
CH008L	Luzern			CH008L1	Luzern	
CH009L	Lugano			CH009L1	Lugano	
CH010L	Biel/Bienne			CH010L1	Biel/Bienne	
					Reykjavík	
	Tah	7 ו 1 סו	coverages and N	IITC 2 AA	rroenandanca	

Table 7. LUZ coverages and NUTS 3 correspondence

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The ESPON 2013 Programme is part-financed by the European Regional Development Fund, the EU Member States and the Partner States Iceland, Liechtenstein, Norway and Switzerland. It shall support policy development in relation to the aim of territorial cohesion and a harmonious development of the European territory.