SOUTH EAST EUROPE
Transnational Cooperation Programme

Programme co-funded by the EUROPEAN UNION

Project data and GIS Transport Accesibily Model

GIS Methodology

Jointly for our common future

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Transport Accesibility Model

- **Build on correct topological data of roads and centers of municipalities (communes)**
- GIS Independent external computer program – 3rd party software
- **Input data must be done as oriented topological graph defining each road segment by from node, to node, length, speed and road classification**
- Accesibility model is able to calculate time and/or distance accesibity to each node (group of nodes) and road load of each road segment (group of segments)

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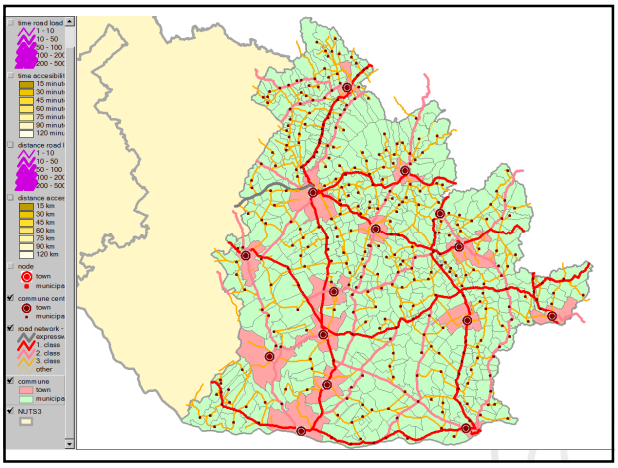
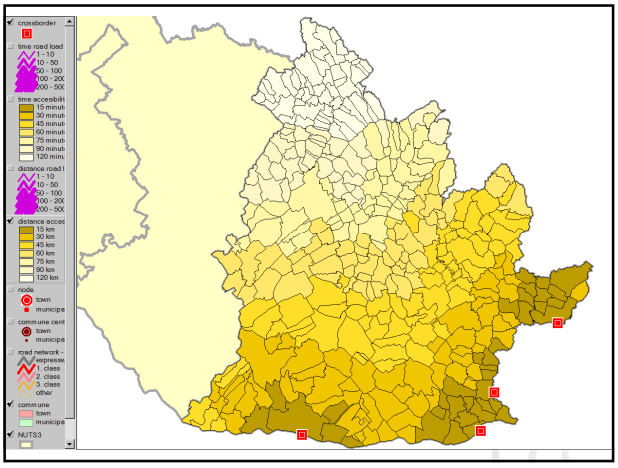
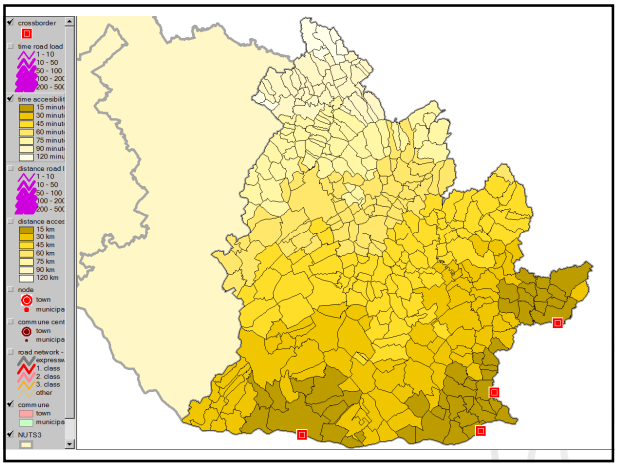
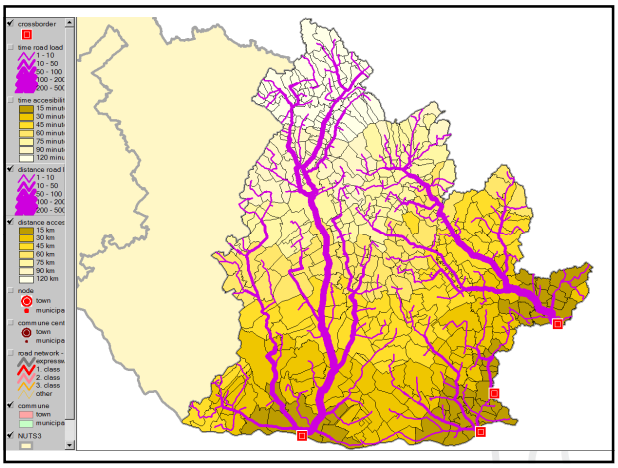
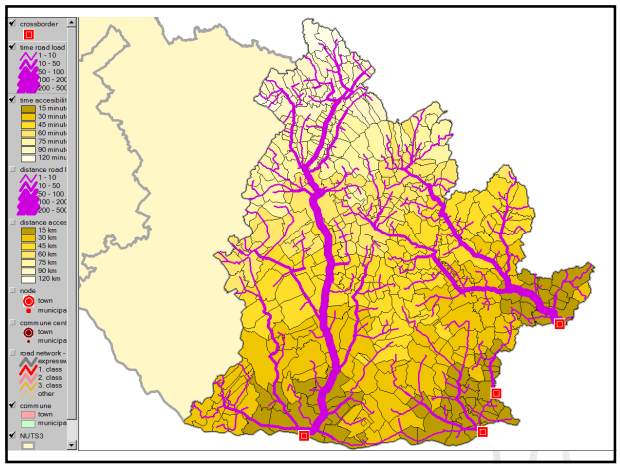
	A	B	C	D	E	F	G	H	I	J
1	ID	FNODE	TNODE	LENGTH	SPEED	CLASS		CLASS	Road Classification	SPEED
2	1	327	331	962	55	3		D	highway	110
3	2	423	450	1254	55	3		R	expressway	100
4	3	450	455	520	55	3		1	1st class	80
5	4	69	81	1300	55	3		2	2nd class	70
6	5	224	222	66	55	3		3	3rd class	55
7	6	316	331	788	70	2		M	municipality	50
8	8	327	342	1452	80	1				
9	9	358	372	1266	80	1				
10	10	309	316	958	80	1				
11	11	316	327	1425	80	1				
12	13	81	91	2018	80	1				
13	20	372	377	273	80	1				
14	30	743	815	4120	80	1				
15	31	905	947	1705	80	1				
16	32	815	844	1510	80	1				
17	33	895	905	954	80	1				
18	34	893	895	339	80	1				
19	35	709	712	171	80	1				
20	36	712	743	2063	80	1				
21	37	844	893	3411	80	1				
22	61	381	384	165	50	M				
23	62	381	383	116	50	M				
24	63	383	385	202	50	M				
25	64	384	385	83	50	M				
26	65	385	500011	849	50	M				
27	66	374	383	1514	50	M				
28	67	500925	375	556	50	M				
29	68	385	407	3229	50	M				
30	69	361	374	993	50	M				
31	70	347	381	2136	50	M				
32	71	1248	1254	493	80	1				
33	72	503584	1248	597	80	1				
34	73	500585	439	677	50	M				
35	74	977	503011	1565	50	M				
36	75	338	354	511	50	M				











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Thank you for your attention,

Have a nice day ...

Jointly for our common future

1.St CDR workshop, Podbanské, 15. – 16.4.2010