

## ANNEX A: EUROPEAN INNOVATION SCOREBOARD 2006 – CURRENT PERFORMANCE

		EU25	EU15	BE	CZ	DK	DE	EE	EL	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL
1.1	New S&E graduates	12.7	13.6	11.2	7.4	13.8	9.0	8.9	8.0	12.5	22.0	23.1	10.1	4.2	9.4	17.5	1.8	5.1	3.6	7.9
1.2	Population with tertiary education	22.8	24.0	31.0	13.1	33.5	24.6	33.3	20.6	28.2	24.9	29.1	12.2	28.8	20.5	26.3	26.6	17.1	11.4	30.1
1.3	Broadband penetration rate	10.6	12.0	17.4	4.3	22.0	10.2	11.1	0.8	10.0	13.9	4.4	9.5	2.7	3.7	5.0	11.7	4.5	10.4	22.4
1.4	Participation in life-long learning	11.0	12.1	10.0	5.9	27.6	8.2	5.9	1.8	12.1	7.6	8.0	6.2	5.6	7.6	6.3	8.5	4.2	5.8	16.6
1.5	Youth education attainment level	76.9	74.1	80.3	90.3	76.0	71.0	80.9	84.0	61.3	82.8	86.1	72.9	80.7	81.8	85.2	71.1	83.3	48.1	74.6
2.1	Public R&D expenditures	0.65	0.66	0.57	0.50	0.76	0.76	0.50	0.42	0.51	0.79	0.43	0.56	0.28	0.34	0.61	0.21	0.50	0.19	0.76
2.2	Business R&D expenditures	1.20	1.24	1.29	0.92	1.67	1.76	0.42	0.20	0.61	1.32	0.82	0.55	0.09	0.23	0.16	1.34	0.41	0.45	1.03
2.3	Share of medium-high/high-tech R&D	--	89.2	79.5	85.4	84.7	92.3	62.0	--	77.0	86.8	85.0	87.8	70.6	77.8	70.8	--	87.8	86.7	87.9
2.4	Enterprises receiving public funding for innovation	n/a	n/a	11.7	6.1	7.8	9.2	0.3	10.4	9.0	6.6	27.8	14.0	16.3	2.0	3.6	39.3	5.7	3.5	12.9
3.1	SMEs innovating in-house	n/a	n/a	38.3	25.2	16.1	46.2	29.8	17.5	24.3	29.2	47.2	31.0	--	15.2	22.1	39.2	17.0	2.9	34.2
3.2	Innovative SMEs co-operating with others	n/a	n/a	16.6	12.9	20.8	8.6	16.0	8.4	5.7	11.5	15.6	4.3	16.5	6.1	14.8	14.8	6.6	5.3	12.3
3.3	Innovation expenditures	n/a	n/a	1.96	2.15	2.40	2.93	1.59	3.08	0.94	2.23	1.68	1.81	2.92	2.26	1.57	1.62	1.16	1.08	1.25
3.4	Early-stage venture capital	--	0.023	0.019	0.000	0.068	0.015	--	0.001	0.011	0.026	0.021	0.002	--	--	--	--	0.002	--	0.005
3.5	ICT expenditures	6.4	6.4	6.3	6.6	6.5	6.2	9.8	4.9	5.5	6.0	5.2	5.3	--	9.6	7.8	6.8	8.1	8.5	7.6
3.6	SMEs using organizational innovation	n/a	n/a	38.1	35.0	57.1	53.2	39.2	39.6	27.6	35.9	49.6	32.2	42.8	35.7	23.6	58.4	19.1	32.5	26.2
4.1	Employment in high-tech services	3.35	3.49	3.73	3.10	4.69	3.36	2.82	1.74	2.75	3.92	3.55	2.89	2.04	2.65	2.12	3.32	3.02	2.69	4.05
4.2	Exports of high technology products	18.4	17.7	7.1	13.7	13.3	15.4	10.1	7.1	5.7	20.1	29.1	7.1	15.9	3.2	2.7	29.5	21.7	55.9	19.1
4.3	Sales of new -to-market products	n/a	n/a	4.8	7.7	5.2	7.5	4.4	4.8	3.8	6.2	5.6	6.3	1.9	3.5	4.4	6.4	4.2	13.6	4.0
4.4	Sales of new -to-firm products	n/a	n/a	8.2	7.8	5.8	10.0	7.6	6.2	10.0	5.6	4.5	5.6	3.7	1.6	5.3	9.1	2.5	8.7	4.3
4.5	Employment in medium-high/high-tech manufacturing	6.66	6.71	6.51	9.42	6.29	10.43	4.75	2.13	4.68	6.34	5.99	7.37	1.19	1.52	2.57	1.38	8.19	6.63	3.30
5.1	EPO patents per million population	136.7	161.4	144.5	15.9	235.8	311.7	15.5	11.2	30.6	153.7	77.3	87.3	16.4	5.9	5.8	200.5	18.9	8.8	244.3
5.2	USPTO patents per million population	50.9	60.2	52.4	4.3	72.9	123.0	1.2	1.8	7.7	56.8	37.4	31.2	1.5	2.2	1.0	85.9	5.3	4.6	78.3
5.3	Triad patents per million population	32.7	38.9	32.0	1.5	32.4	85.2	0.0	0.8	2.7	36.5	14.8	11.6	2.6	0.3	0.6	41.8	1.9	2.6	59.6
5.4	Community trademarks per million population	100.7	115.7	92.2	25.7	159.8	140.5	31.7	27.7	140.9	76.0	143.0	92.7	152.6	12.2	14.7	782.7	18.8	118.9	141.0
5.5	Community industrial designs per million population	110.9	127.6	124.6	40.9	243.2	186.5	9.2	2.8	106.2	88.1	49.0	176.3	39.1	20.3	5.4	377.6	15.2	12.1	132.8

**ANNEX A: EUROPEAN INNOVATION SCOREBOARD 2006 – CURRENT PERFORMANCE (CONTINUED)**

		EU25	EU15	AT	PL	PT	SI	SK	FI	SE	UK	BG	HR	RO	TR	CH	IS	NO	US	JP
1.1	New S&E graduates	12.7	13.6	8.7	9.4	11.0	9.3	9.2	17.4	15.9	18.1	8.5	--	9.8	5.6	14.6	10.8	9.0	10.2	13.4
1.2	Population with tertiary education	22.8	24.0	17.8	16.8	12.8	20.2	14.0	34.6	29.2	29.6	21.6	21.6	11.1	9.7	28.8	30.6	32.6	38.4	37.4
1.3	Broadband penetration rate	10.6	12.0	11.6	1.9	10.1	7.8	1.5	18.7	17.1	13.5	--	--	--	1.4	20.3	22.5	18.4	14.9	16.3
1.4	Participation in life-long learning	11.0	12.1	13.8	5.0	4.6	17.8	5.0	24.8	34.7	29.1	1.1	2.3	1.6	2.0	26.9	26.6	19.4	--	--
1.5	Youth education attainment level	76.9	74.1	85.9	90.0	48.4	90.6	91.5	84.8	87.8	77.1	76.8	93.9	75.2	43.9	82.5	53.0	96.3	--	--
2.1	Public R&D expenditures	0.65	0.66	0.70	0.39	0.43	0.48	0.25	0.99	0.92	0.57	0.38	0.70	0.17	0.48	0.70	1.17	0.69	0.69	0.74
2.2	Business R&D expenditures	1.20	1.24	1.51	0.18	0.29	0.97	0.25	2.46	2.92	1.15	0.11	0.51	0.21	0.19	2.16	1.59	0.82	1.87	2.39
2.3	Share of medium-high/high-tech R&D	--	89.2	83.0	80.0	61.1	85.0	63.4	86.4	92.7	91.7	77.6	--	75.8	--	92.0	--	69.7	89.9	86.7
2.4	Enterprises receiving public funding for innovation	n/a	n/a	17.8	3.1	13.7	4.1	2.8	15.2	9.1	3.8	0.8	--	2.1	--	4.7	4.8	16.1	--	--
3.1	SMEs innovating in-house	n/a	n/a	42.5	12.5	36.2	16.3	13.1	37.6	35.2	22.4	9.4	--	13.9	--	34.4	46.5	28.8	--	15.3
3.2	Innovative SMEs co-operating with others	n/a	n/a	7.7	9.1	7.0	10.5	6.8	17.3	20.0	12.6	3.1	--	2.8	--	12.1	14.0	11.3	--	6.9
3.3	Innovation expenditures	n/a	n/a	--	1.56	2.62	1.28	1.90	2.50	3.47	1.61	0.73	--	1.52	--	1.35	1.70	1.01	--	--
3.4	Early-stage venture capital	--	0.023	0.009	0.000	0.033	--	0.004	0.036	0.067	0.048	--	--	0.000	--	0.024	0.048	0.022	0.072	--
3.5	ICT expenditures	6.4	6.4	6.3	7.2	7.4	5.4	6.7	7.0	8.6	8.0	9.9	--	8.2	3.2	7.7	--	5.2	6.7	7.6
3.6	SMEs using organizational innovation	n/a	n/a	48.1	19.3	40.7	50.8	13.4	47.0	44.0	--	11.0	--	15.5	--	63.0	54.0	23.2	--	--
4.1	Employment in high-tech services	3.35	3.49	2.71	2.15	1.84	2.94	2.74	4.51	5.13	4.28	2.87	2.02	1.37	--	3.81	4.97	3.99	--	--
4.2	Exports of high technology products	18.4	17.7	14.7	2.7	7.5	5.2	4.6	17.8	14.1	22.8	2.9	10.8	3.8	2.3	22.3	2.4	3.5	26.8	22.4
4.3	Sales of new -to-market products	n/a	n/a	5.2	8.1	10.8	7.4	12.8	9.7	8.3	6.4	8.5	--	7.1	--	4.9	4.9	2.1	--	--
4.4	Sales of new -to-firm products	n/a	n/a	5.4	5.4	15.1	6.9	6.4	5.1	5.1	7.6	4.1	--	9.5	--	5.8	7.8	5.1	--	--
4.5	Employment in medium-high/high-tech manufacturing	6.66	6.71	6.45	5.08	3.25	9.63	9.37	6.76	6.53	5.61	4.65	3.89	5.40	--	7.25	2.12	3.93	3.84	7.30
5.1	EPO patents per million population	136.7	161.4	195.1	4.2	7.5	50.4	8.1	305.6	284.9	121.4	4.3	18.2	1.2	1.9	425.6	153.6	117.1	142.6	174.2
5.2	USPTO patents per million population	50.9	60.2	74.7	1.2	1.9	15.4	3.3	104.6	109.7	44.6	0.5	3.1	0.3	1.0	168.4	57.4	34.9	277.1	304.6
5.3	Triad patents per million population	32.7	38.9	33.7	0.3	0.6	2.8	0.3	101.7	66.3	33.0	0.1	0.7	0.0	0.1	108.9	28.5	24.8	47.9	102.1
5.4	Community trademarks per million population	100.7	115.7	187.0	22.2	73.8	21.7	10.8	106.8	136.7	125.2	4.7	3.0	3.7	1.5	225.2	79.1	29.2	33.8	11.7
5.5	Community industrial designs per million population	110.9	127.6	195.8	25.0	49.8	33.9	17.3	95.5	136.9	76.1	1.7	1.4	0.8	3.5	210.0	29.6	37.7	17.5	13.2