

Study on the Economic Impacts of Convergence Interventions (2007-2013)

Hungary – TFP elasticity = 0.10

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Hungary

Scenario: Past profile of 6 countries 2000-2006

Table 1: Payments profile – Hungary (mil. euro, current prices)

Hungary (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	826	2,084	2,779	2,938	3,131	2,953	2,882	3,889	3,889	25,371
Structural funds	544	1,372	1,830	1,935	2,062	1,945	1,898	2,561	2,561	16,707
<i>Productive environment</i>	127	320	426	451	480	453	442	597	597	3,893
Manufacturing	65	163	217	229	244	231	225	304	304	1,981
Services	62	157	209	221	236	222	217	293	293	1,911
<i>Human resources</i>	140	353	470	497	530	500	488	658	658	4,294
<i>Infrastructure</i>	247	624	833	880	938	885	863	1,165	1,165	7,602
<i>Rest (services)</i>	30	75	101	106	113	107	104	141	141	919
Cohesion funds	282	712	949	1,003	1,069	1,008	984	1,328	1,328	8,664

Table 2: Payments profile – Hungary (mil. euro, 2004 prices)

Hungary (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	778	1,925	2,517	2,609	2,725	2,520	2,411	3,191	3,128	21,805
Structural funds	512	1,268	1,657	1,718	1,795	1,660	1,588	2,101	2,060	14,359
<i>Productive environment</i>	119	295	386	400	418	387	370	490	480	3,346
Manufacturing	61	150	197	204	213	197	188	249	244	1,703
Services	59	145	190	197	205	190	182	240	236	1,643
<i>Human resources</i>	132	326	426	441	461	427	408	540	529	3,690
<i>Infrastructure</i>	233	577	754	782	817	755	723	956	937	6,533
<i>Rest (services)</i>	28	70	91	94	99	91	87	116	113	790
Cohesion funds	266	658	859	891	931	861	823	1,090	1,068	7,446

Table 3: Payments profile – Hungary (% of total payments)

Hungary (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Structural funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Productive environment	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Manufacturing	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Services	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Human resources	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Infrastructure	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Rest (services)	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0

Table 4: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.20	0.62	1.16	1.74	2.36	2.96	3.53	4.21	4.94	5.24	5.32	5.39	5.46	5.53
Private consumption	0.64	1.56	2.09	2.32	2.63	2.81	3.07	3.82	4.23	3.31	3.45	3.59	3.71	3.83
Government consumption	0.48	1.24	1.81	2.22	2.69	3.07	3.49	4.26	4.84	4.42	4.53	4.63	4.73	4.82
Gross fixed investment	4.13	9.81	12.65	13.25	13.99	13.41	13.27	16.71	16.92	5.34	5.48	5.61	5.74	5.86
Exports	-0.57	-1.26	-1.30	-0.85	-0.38	0.35	0.99	0.99	1.72	4.50	4.58	4.66	4.73	4.80
Imports	1.39	3.25	4.09	4.21	4.44	4.30	4.35	5.50	5.73	2.71	2.88	3.04	3.19	3.33

Table 5: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.37	0.87	1.13	1.21	1.33	1.37	1.46	1.81	1.95	1.37	1.44	1.50	1.56	1.62
Number of unemployed	-4.08	-9.54	-12.27	-13.15	-14.41	-14.83	-15.76	-19.39	-20.87	-14.84	-15.57	-16.25	-16.87	-17.45
Active population	0.11	0.27	0.35	0.38	0.42	0.43	0.46	0.58	0.63	0.43	0.45	0.47	0.49	0.51
Unemployment rate (%)	5.56	5.23	5.07	5.02	4.94	4.92	4.86	4.65	4.56	4.92	4.87	4.83	4.80	4.76
Unemployment rate (% points difference with BAU)	-0.24	-0.57	-0.73	-0.78	-0.86	-0.88	-0.94	-1.15	-1.24	-0.88	-0.93	-0.97	-1.00	-1.04

Table 6: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.76	1.81	2.37	2.58	2.88	3.01	3.25	4.07	4.46	3.30	3.45	3.60	3.73	3.86
Household real consumption	0.64	1.56	2.09	2.32	2.63	2.81	3.07	3.82	4.23	3.30	3.44	3.58	3.70	3.82
Household real savings	1.11	2.61	3.29	3.40	3.65	3.65	3.82	4.85	5.21	3.29	3.49	3.67	3.83	3.99
Propensity to save (%)	24.08	24.19	24.21	24.19	24.18	24.15	24.13	24.18	24.17	24.00	24.01	24.02	24.02	24.03
Propensity to save (% points difference with BAU)	0.08	0.19	0.21	0.19	0.18	0.15	0.13	0.18	0.17	0.00	0.01	0.02	0.02	0.03
Real average wage	0.56	1.35	1.76	1.90	2.10	2.17	2.31	2.92	3.17	2.17	2.28	2.39	2.50	2.59
Real average return to capital	0.88	1.96	2.25	2.02	1.89	1.56	1.39	1.90	1.80	-0.01	0.09	0.17	0.24	0.31

Table 7: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.64	1.51	1.91	2.00	2.18	2.22	2.40	3.10	3.40	2.33	2.63	2.90	3.14	3.36
Manufacturing	0.81	1.90	2.41	2.51	2.71	2.72	2.87	3.65	3.93	2.56	2.75	2.92	3.09	3.24
High-Tech Manufacturing	1.08	2.50	3.06	3.04	3.13	2.97	2.99	3.85	4.01	1.91	2.11	2.29	2.47	2.63
Services	0.35	0.96	1.50	1.96	2.46	2.90	3.36	4.06	4.67	4.57	4.63	4.70	4.76	4.82
Construction	-1.38	-2.90	-3.00	-2.18	-1.44	-0.28	0.62	0.28	1.26	6.22	6.04	5.88	5.74	5.63
Public administration	0.15	0.46	0.83	1.22	1.65	2.07	2.50	3.00	3.55	3.86	3.95	4.04	4.13	4.21
Private consumption - total	0.60	1.47	2.00	2.26	2.60	2.82	3.11	3.85	4.28	3.49	3.62	3.75	3.86	3.97

Table 8: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.88	2.03	2.51	2.52	2.66	2.61	2.73	3.58	3.85	2.21	2.58	2.91	3.21	3.48
Manufacturing	1.14	2.64	3.24	3.23	3.35	3.21	3.26	4.21	4.42	2.25	2.50	2.73	2.94	3.14
High-Tech Manufacturing	1.42	3.25	3.92	3.81	3.84	3.53	3.47	4.51	4.61	1.71	1.96	2.19	2.41	2.61
Services	0.51	1.35	2.00	2.48	3.02	3.45	3.93	4.77	5.41	4.97	5.05	5.13	5.21	5.28
Construction	-1.39	-2.91	-2.97	-2.09	-1.29	-0.06	0.90	0.60	1.66	6.78	6.59	6.43	6.29	6.18
Public administration	0.29	0.79	1.25	1.66	2.12	2.53	2.97	3.61	4.18	4.19	4.30	4.41	4.51	4.61
Public consumption - total	0.48	1.24	1.81	2.22	2.69	3.07	3.49	4.26	4.84	4.42	4.53	4.63	4.73	4.82

Table 9: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.02	0.18	0.55	1.04	1.57	2.14	2.70	3.24	3.93	4.71	4.89	5.06	5.22	5.37
Manufacturing	0.42	1.09	1.67	2.15	2.67	3.11	3.58	4.34	4.96	4.64	4.76	4.87	4.98	5.09
High-Tech Manufacturing	0.75	1.85	2.57	2.99	3.46	3.74	4.09	5.01	5.51	4.17	4.28	4.38	4.48	4.57
Services	0.29	0.83	1.39	1.92	2.50	3.03	3.56	4.27	4.95	5.02	5.10	5.17	5.25	5.32
Construction	3.65	8.70	11.28	11.89	12.65	12.23	12.19	15.31	15.60	5.47	5.59	5.71	5.83	5.94
Public administration	0.27	0.75	1.21	1.64	2.11	2.55	3.00	3.63	4.22	4.28	4.39	4.50	4.60	4.70
Domestic sales - total	0.60	1.53	2.24	2.73	3.28	3.68	4.12	5.02	5.62	4.74	4.85	4.94	5.03	5.12

Table 10: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.16	-0.24	0.02	0.51	1.04	1.67	2.27	2.70	3.43	4.67	4.90	5.10	5.29	5.46
Manufacturing	-0.57	-1.14	-0.97	-0.29	0.40	1.31	2.12	2.36	3.29	5.85	5.98	6.10	6.21	6.32
High-Tech Manufacturing	-0.48	-1.07	-1.10	-0.70	-0.30	0.32	0.86	0.85	1.47	3.81	3.87	3.94	4.00	4.05
Services	0.00	0.19	0.70	1.38	2.08	2.82	3.50	4.11	4.95	5.91	5.94	5.97	6.00	6.04
Construction	3.87	9.22	11.98	12.67	13.50	13.08	13.05	16.35	16.67	5.84	5.94	6.04	6.13	6.22
Public administration	0.23	0.65	1.10	1.54	2.03	2.49	2.96	3.57	4.17	4.36	4.47	4.57	4.67	4.76
Domestic production - total	0.02	0.20	0.65	1.26	1.88	2.55	3.17	3.73	4.50	5.34	5.41	5.48	5.55	5.62

Table 11: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.40	-0.84	-0.77	-0.34	0.05	0.59	1.02	0.99	1.47	3.18	3.08	3.00	2.94	2.89
Manufacturing	-1.00	-2.21	-2.39	-1.85	-1.36	-0.54	0.08	-0.25	0.40	3.86	3.79	3.73	3.67	3.62
High-Tech Manufacturing	-0.93	-2.25	-2.81	-2.73	-2.68	-2.27	-1.99	-2.72	-2.45	1.01	0.92	0.84	0.77	0.71
Services	0.00	-0.03	-0.01	0.09	0.20	0.35	0.50	0.57	0.76	1.21	1.28	1.33	1.39	1.43
Construction	8.91	20.85	25.18	23.76	22.90	19.21	16.98	22.86	20.97	-4.63	-3.80	-3.06	-2.39	-1.78
Public administration	0.34	0.80	1.03	1.12	1.24	1.30	1.40	1.72	1.87	1.42	1.47	1.52	1.57	1.61
Employment - total	0.37	0.87	1.13	1.21	1.33	1.37	1.46	1.81	1.95	1.37	1.44	1.50	1.56	1.62

Table 12: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.96	-1.85	-1.09	0.72	2.40	4.46	6.08	6.34	8.23	13.53	12.58	11.79	11.12	10.55
Manufacturing	-0.31	-0.35	0.67	2.30	3.86	5.56	6.97	7.77	9.44	12.16	11.79	11.47	11.17	10.91
High-Tech Manufacturing	-0.30	-0.71	-0.45	0.35	1.12	2.13	2.95	3.02	4.03	7.13	6.87	6.65	6.45	6.28
Services	5.77	13.53	17.31	17.95	18.76	17.69	17.20	21.73	21.65	4.41	4.65	4.86	5.06	5.24
Construction	15.42	37.11	44.85	41.77	39.92	32.88	28.80	40.00	36.56	-8.10	-6.37	-4.79	-3.35	-2.04
Public administration	0.67	1.65	2.48	3.20	3.98	4.66	5.36	6.40	7.36	7.14	7.22	7.29	7.35	7.40
Total investments - total	4.42	10.50	13.52	14.12	14.89	14.23	14.04	17.69	17.87	5.41	5.55	5.69	5.82	5.94

Table 13: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.78	4.12	5.14	5.23	5.43	5.18	5.13	6.35	6.51	3.02	2.87	2.76	2.69	2.65
Manufacturing	1.51	3.51	4.41	4.51	4.72	4.54	4.56	5.76	5.96	2.66	2.80	2.93	3.05	3.17
High-Tech Manufacturing	1.01	2.42	3.24	3.60	4.03	4.19	4.46	5.51	5.95	3.91	4.03	4.14	4.25	4.35
Services	2.34	5.16	5.82	5.07	4.54	3.44	2.80	4.00	3.52	-1.85	-1.42	-1.03	-0.67	-0.34
Construction	9.46	22.50	27.19	25.42	24.36	20.27	17.88	24.28	22.31	-3.97	-3.07	-2.26	-1.51	-0.83
Public administration	2.55	5.76	6.69	6.07	5.70	4.68	4.13	5.62	5.26	-0.50	-0.13	0.21	0.52	0.81
Imports - total	1.39	3.25	4.09	4.21	4.44	4.30	4.35	5.50	5.73	2.71	2.88	3.04	3.19	3.33

Table 14: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.48	-1.04	-1.07	-0.69	-0.29	0.35	0.92	1.05	1.73	3.90	4.20	4.46	4.71	4.93
Manufacturing	-0.67	-1.51	-1.61	-1.14	-0.65	0.15	0.85	0.81	1.62	4.84	4.99	5.13	5.27	5.40
High-Tech Manufacturing	-0.49	-1.09	-1.17	-0.82	-0.46	0.12	0.63	0.58	1.17	3.57	3.64	3.71	3.78	3.84
Services	-0.72	-1.49	-1.36	-0.57	0.23	1.34	2.30	2.49	3.60	7.10	7.09	7.07	7.06	7.05
Construction	-0.71	-1.45	-1.09	0.03	1.12	2.50	3.64	3.90	5.23	8.81	8.58	8.38	8.19	8.02
Public administration	-0.75	-1.66	-1.72	-1.16	-0.59	0.29	1.04	0.98	1.83	5.17	5.20	5.24	5.27	5.30
Exports - total	-0.57	-1.26	-1.30	-0.85	-0.38	0.35	0.99	0.99	1.72	4.50	4.58	4.66	4.73	4.80

Table 15: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.63	-1.31	-1.26	-0.76	-0.33	0.25	0.65	0.48	0.89	2.66	2.40	2.17	1.97	1.79
Manufacturing	-0.81	-1.72	-1.79	-1.30	-0.90	-0.29	0.14	-0.10	0.32	2.42	2.27	2.14	2.02	1.92
High-Tech Manufacturing	-1.11	-2.35	-2.47	-1.86	-1.34	-0.55	0.02	-0.31	0.23	3.14	2.98	2.83	2.70	2.58
Services	-0.31	-0.72	-0.82	-0.72	-0.64	-0.48	-0.38	-0.54	-0.45	0.26	0.25	0.25	0.24	0.24
Construction	1.61	3.64	4.25	3.91	3.69	3.01	2.61	3.59	3.23	-1.44	-1.20	-0.98	-0.78	-0.61
Public administration	-0.09	-0.17	-0.09	0.08	0.24	0.41	0.55	0.59	0.73	1.01	0.97	0.94	0.91	0.87
Consumer price index	-0.59	-1.27	-1.36	-1.04	-0.79	-0.38	-0.10	-0.31	-0.04	1.42	1.34	1.27	1.20	1.14

Table 16: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.64	-1.33	-1.30	-0.80	-0.38	0.20	0.60	0.42	0.82	2.64	2.37	2.14	1.93	1.75
Manufacturing	-0.67	-1.44	-1.49	-1.08	-0.73	-0.22	0.15	-0.07	0.28	2.10	1.94	1.81	1.68	1.57
High-Tech Manufacturing	-0.88	-1.91	-2.04	-1.59	-1.21	-0.59	-0.16	-0.48	-0.06	2.35	2.21	2.08	1.96	1.86
Services	-0.25	-0.60	-0.72	-0.66	-0.63	-0.52	-0.45	-0.60	-0.55	0.04	0.05	0.05	0.06	0.06
Construction	1.55	3.51	4.10	3.76	3.53	2.87	2.47	3.42	3.05	-1.43	-1.20	-0.98	-0.79	-0.62
Public administration	-0.07	-0.14	-0.06	0.11	0.25	0.42	0.54	0.59	0.73	0.97	0.93	0.90	0.87	0.84
Price index of total domestic production	-0.36	-0.77	-0.81	-0.61	-0.44	-0.18	0.00	-0.12	0.06	0.97	0.91	0.86	0.82	0.78

Hungary

Scenario: Worst case payment scenario (n+3/n+2)

Table 17: Payments profile – Hungary (mil. euro, current prices)

Hungary (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	3,044	3,237	3,446	7,428	4,001	4,215	25,371
Structural funds	0	0	0	2,695	2,492	2,250	4,405	2,369	2,496	16,707
<i>Productive environment</i>	0	0	0	628	581	524	1,026	552	582	3,893
Manufacturing	0	0	0	320	295	267	522	281	296	1,981
Services	0	0	0	308	285	257	504	271	286	1,911
<i>Human resources</i>	0	0	0	692	640	578	1,132	609	642	4,294
<i>Infrastructure</i>	0	0	0	1,226	1,134	1,024	2,004	1,078	1,136	7,602
<i>Rest (services)</i>	0	0	0	148	137	124	242	130	137	919
Cohesion funds	0	0	0	349	746	1,196	3,024	1,631	1,718	8,664

Table 18: Payments profile – Hungary (mil. euro, 2004 prices)

Hungary (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	2,703	2,818	2,941	6,216	3,282	3,390	21,350
Structural funds	0	0	0	2,393	2,169	1,921	3,686	1,944	2,008	14,119
<i>Productive environment</i>	0	0	0	557	505	448	859	453	468	3,290
Manufacturing	0	0	0	284	257	228	437	231	238	1,675
Services	0	0	0	274	248	220	422	222	230	1,615
<i>Human resources</i>	0	0	0	615	557	494	947	500	516	3,629
<i>Infrastructure</i>	0	0	0	1,089	987	874	1,677	884	913	6,424
<i>Rest (services)</i>	0	0	0	132	119	106	203	107	110	777
Cohesion funds	0	0	0	310	649	1,021	2,530	1,338	1,382	7,230

Table 19: Payments profile – Hungary (% of total payments)

Hungary (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0.0	0.0	0.0	12.7	13.2	13.8	29.1	15.4	15.9	100.0
Structural funds	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Productive environment	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Manufacturing	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Services	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Human resources	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Infrastructure	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Rest (services)	0.0	0.0	0.0	16.9	15.4	13.6	26.1	13.8	14.2	100.0
Cohesion funds	0.0	0.0	0.0	4.3	9.0	14.1	35.0	18.5	19.1	100.0

Table 20: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.00	0.00	0.00	0.50	1.03	1.63	2.65	3.69	4.47	4.81	4.88	4.95	5.02	5.09
Private consumption	0.00	0.00	0.00	1.81	2.02	2.30	4.52	3.49	3.99	2.99	3.13	3.26	3.38	3.49
Government consumption	0.00	0.00	0.00	1.35	1.70	2.15	4.02	3.80	4.47	4.03	4.13	4.23	4.32	4.42
Gross fixed investment	0.00	0.00	0.00	12.41	13.07	13.83	26.98	16.68	17.55	5.00	5.13	5.25	5.36	5.47
Exports	0.00	0.00	0.00	-1.97	-1.57	-1.11	-2.83	0.47	1.12	4.12	4.20	4.28	4.35	4.42
Imports	0.00	0.00	0.00	3.97	4.10	4.31	8.51	5.35	5.77	2.48	2.63	2.78	2.92	3.06

Table 21: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.00	0.00	0.00	1.04	1.11	1.21	2.32	1.67	1.87	1.23	1.30	1.36	1.42	1.48
Number of unemployed	0.00	0.00	0.00	-11.30	-12.04	-13.18	-24.64	-17.97	-20.00	-13.35	-14.08	-14.75	-15.38	-15.96
Active population	0.00	0.00	0.00	0.32	0.34	0.38	0.76	0.53	0.60	0.38	0.41	0.43	0.45	0.47
Unemployment rate (%)	5.80	5.80	5.80	5.13	5.08	5.02	4.34	4.73	4.61	5.01	4.96	4.92	4.89	4.85
Unemployment rate (% points difference with BAU)	0.00	0.00	0.00	-0.67	-0.72	-0.78	-1.46	-1.07	-1.19	-0.79	-0.84	-0.88	-0.91	-0.95

Table 22: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.00	0.00	0.00	2.12	2.29	2.56	5.09	3.74	4.25	2.98	3.13	3.27	3.40	3.52
Household real consumption	0.00	0.00	0.00	1.80	2.01	2.30	4.50	3.49	3.99	2.98	3.12	3.25	3.37	3.49
Household real savings	0.00	0.00	0.00	3.12	3.19	3.39	6.93	4.53	5.05	2.96	3.15	3.32	3.48	3.63
Propensity to save (%)	24.00	24.00	24.00	24.24	24.21	24.19	24.42	24.18	24.18	24.00	24.00	24.01	24.02	24.02
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.24	0.21	0.19	0.42	0.18	0.19	0.00	0.01	0.01	0.02	0.03
Real average wage	0.00	0.00	0.00	1.61	1.73	1.90	3.85	2.68	3.02	1.93	2.05	2.15	2.25	2.35
Real average return to capital	0.00	0.00	0.00	2.48	2.21	2.03	4.45	1.92	1.94	-0.03	0.06	0.13	0.20	0.26

Table 23: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	1.84	1.85	1.97	4.10	2.67	3.08	1.92	2.22	2.50	2.74	2.96
Manufacturing	0.00	0.00	0.00	2.27	2.36	2.53	5.09	3.37	3.77	2.27	2.45	2.62	2.78	2.92
High-Tech Manufacturing	0.00	0.00	0.00	3.06	3.03	3.10	6.37	3.68	3.98	1.68	1.87	2.05	2.22	2.38
Services	0.00	0.00	0.00	0.98	1.39	1.88	3.44	3.63	4.31	4.21	4.27	4.33	4.39	4.44
Construction	0.00	0.00	0.00	-4.19	-3.33	-2.51	-5.48	0.05	0.83	6.17	5.96	5.78	5.62	5.49
Public administration	0.00	0.00	0.00	0.38	0.71	1.12	1.93	2.57	3.15	3.50	3.59	3.67	3.76	3.84
Private consumption - total	0.00	0.00	0.00	1.68	1.92	2.24	4.35	3.50	4.03	3.17	3.29	3.41	3.53	3.63

Table 24: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	2.53	2.46	2.52	5.30	3.11	3.51	1.74	2.12	2.46	2.76	3.03
Manufacturing	0.00	0.00	0.00	3.24	3.21	3.29	6.76	3.95	4.31	1.93	2.17	2.40	2.61	2.80
High-Tech Manufacturing	0.00	0.00	0.00	4.03	3.91	3.91	8.12	4.36	4.64	1.47	1.71	1.93	2.14	2.33
Services	0.00	0.00	0.00	1.46	1.89	2.41	4.49	4.30	5.04	4.56	4.64	4.72	4.79	4.86
Construction	0.00	0.00	0.00	-4.24	-3.32	-2.44	-5.39	0.35	1.20	6.71	6.50	6.31	6.15	6.01
Public administration	0.00	0.00	0.00	0.80	1.14	1.56	2.81	3.13	3.76	3.78	3.89	4.00	4.10	4.20
Public consumption - total	0.00	0.00	0.00	1.35	1.70	2.15	4.02	3.80	4.47	4.03	4.13	4.23	4.32	4.42

Table 25: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	0.00	0.41	0.90	1.37	2.61	3.34	4.18	4.37	4.54	4.70	4.85
Manufacturing	0.00	0.00	0.00	1.14	1.57	2.08	3.69	3.87	4.57	4.21	4.33	4.45	4.55	4.65
High-Tech Manufacturing	0.00	0.00	0.00	2.11	2.51	2.97	5.46	4.66	5.28	3.83	3.93	4.03	4.12	4.21
Services	0.00	0.00	0.00	0.78	1.27	1.83	3.15	3.78	4.52	4.61	4.68	4.76	4.83	4.90
Construction	0.00	0.00	0.00	10.96	11.63	12.39	24.10	15.22	16.10	5.12	5.23	5.34	5.44	5.54
Public administration	0.00	0.00	0.00	0.74	1.10	1.53	2.74	3.14	3.80	3.87	3.98	4.08	4.18	4.28
Domestic sales - total	0.00	0.00	0.00	1.70	2.16	2.69	4.89	4.58	5.29	4.34	4.44	4.53	4.62	4.71

Table 26: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-0.53	-0.14	0.34	0.28	2.00	2.74	4.09	4.32	4.53	4.73	4.91
Manufacturing	0.00	0.00	0.00	-1.78	-1.19	-0.53	-1.77	1.61	2.48	5.25	5.38	5.50	5.62	5.73
High-Tech Manufacturing	0.00	0.00	0.00	-1.67	-1.32	-0.93	-2.42	0.41	0.95	3.49	3.56	3.62	3.68	3.74
Services	0.00	0.00	0.00	-0.09	0.54	1.22	1.79	3.54	4.41	5.46	5.49	5.52	5.55	5.59
Construction	0.00	0.00	0.00	11.59	12.36	13.21	25.53	16.32	17.25	5.53	5.61	5.69	5.77	5.84
Public administration	0.00	0.00	0.00	0.61	0.98	1.43	2.51	3.08	3.74	3.95	4.05	4.15	4.24	4.34
Domestic production - total	0.00	0.00	0.00	-0.05	0.50	1.11	1.59	3.18	3.97	4.89	4.96	5.03	5.10	5.17

Table 27: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-1.34	-0.89	-0.46	-1.58	0.82	1.22	3.07	2.96	2.87	2.80	2.74
Manufacturing	0.00	0.00	0.00	-3.13	-2.64	-2.14	-5.01	-0.64	-0.12	3.65	3.58	3.51	3.46	3.41
High-Tech Manufacturing	0.00	0.00	0.00	-3.19	-3.10	-3.02	-6.51	-2.72	-2.64	1.11	1.02	0.93	0.85	0.79
Services	0.00	0.00	0.00	-0.17	-0.08	0.04	-0.20	0.46	0.64	1.12	1.18	1.23	1.28	1.33
Construction	0.00	0.00	0.00	28.00	26.48	25.35	54.38	22.95	22.48	-5.30	-4.44	-3.67	-2.97	-2.33
Public administration	0.00	0.00	0.00	0.91	1.00	1.12	2.09	1.61	1.81	1.31	1.36	1.41	1.45	1.49
Employment - total	0.00	0.00	0.00	1.04	1.11	1.21	2.32	1.67	1.87	1.23	1.30	1.36	1.42	1.48

Table 28: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-3.55	-1.56	0.35	-2.07	6.32	7.98	13.68	12.65	11.78	11.04	10.42
Manufacturing	0.00	0.00	0.00	0.22	1.04	1.85	0.72	6.68	8.35	11.82	11.44	11.10	10.79	10.52
High-Tech Manufacturing	0.00	0.00	0.00	-0.38	-0.23	-0.10	-2.56	2.53	3.41	7.24	6.94	6.67	6.44	6.24
Services	0.00	0.00	0.00	16.75	17.80	18.91	36.84	22.14	22.96	4.11	4.33	4.53	4.71	4.88
Construction	0.00	0.00	0.00	50.46	47.03	44.52	99.74	39.24	38.57	-9.68	-7.91	-6.29	-4.79	-3.43
Public administration	0.00	0.00	0.00	1.49	2.25	3.08	5.31	6.03	7.07	6.80	6.86	6.92	6.96	7.01
Total investments - total	0.00	0.00	0.00	13.30	13.98	14.76	28.82	17.70	18.58	5.08	5.21	5.33	5.44	5.55

Table 29: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	4.88	5.13	5.42	10.51	6.72	7.04	3.17	2.97	2.82	2.71	2.64
Manufacturing	0.00	0.00	0.00	4.28	4.40	4.61	9.14	5.68	6.08	2.49	2.62	2.74	2.85	2.96
High-Tech Manufacturing	0.00	0.00	0.00	2.86	3.21	3.63	6.83	5.22	5.81	3.59	3.70	3.81	3.92	4.01
Services	0.00	0.00	0.00	6.65	5.93	5.36	11.61	4.22	3.98	-1.92	-1.51	-1.13	-0.78	-0.46
Construction	0.00	0.00	0.00	30.36	28.48	27.10	60.95	24.46	24.01	-4.59	-3.69	-2.86	-2.10	-1.41
Public administration	0.00	0.00	0.00	7.35	6.79	6.38	13.77	5.79	5.73	-0.60	-0.24	0.08	0.39	0.66
Imports - total	0.00	0.00	0.00	3.97	4.10	4.31	8.51	5.35	5.77	2.48	2.63	2.78	2.92	3.06

Table 30: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-1.55	-1.28	-0.93	-2.18	0.33	0.97	3.32	3.62	3.90	4.15	4.38
Manufacturing	0.00	0.00	0.00	-2.31	-1.91	-1.44	-3.51	0.19	0.88	4.35	4.49	4.63	4.77	4.90
High-Tech Manufacturing	0.00	0.00	0.00	-1.71	-1.41	-1.06	-2.64	0.16	0.67	3.27	3.34	3.41	3.48	3.54
Services	0.00	0.00	0.00	-2.38	-1.66	-0.86	-2.63	1.82	2.86	6.65	6.63	6.62	6.60	6.59
Construction	0.00	0.00	0.00	-2.55	-1.38	-0.19	-2.10	3.72	4.93	8.80	8.55	8.31	8.10	7.90
Public administration	0.00	0.00	0.00	-2.51	-2.04	-1.50	-3.68	0.38	1.13	4.76	4.78	4.81	4.84	4.87
Exports - total	0.00	0.00	0.00	-1.97	-1.57	-1.11	-2.83	0.47	1.12	4.12	4.20	4.28	4.35	4.42

Table 31: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-1.87	-1.34	-0.86	-2.43	0.44	0.77	2.71	2.43	2.19	1.98	1.80
Manufacturing	0.00	0.00	0.00	-2.33	-1.87	-1.44	-3.45	-0.31	0.03	2.33	2.19	2.06	1.95	1.84
High-Tech Manufacturing	0.00	0.00	0.00	-3.14	-2.57	-2.04	-4.71	-0.64	-0.20	2.98	2.82	2.68	2.56	2.44
Services	0.00	0.00	0.00	-0.95	-0.84	-0.76	-1.76	-0.58	-0.53	0.24	0.23	0.23	0.22	0.22
Construction	0.00	0.00	0.00	4.95	4.50	4.17	8.50	3.33	3.23	-1.78	-1.52	-1.28	-1.06	-0.87
Public administration	0.00	0.00	0.00	-0.30	-0.11	0.07	-0.16	0.55	0.68	0.99	0.96	0.92	0.89	0.86
Consumer price index	0.00	0.00	0.00	-1.71	-1.41	-1.14	-2.70	-0.44	-0.24	1.37	1.29	1.22	1.15	1.09

Table 32: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.00	0.00	0.00	-1.91	-1.38	-0.90	-2.53	0.39	0.71	2.70	2.42	2.17	1.96	1.77
Manufacturing	0.00	0.00	0.00	-1.98	-1.58	-1.21	-2.97	-0.21	0.07	2.07	1.92	1.78	1.66	1.55
High-Tech Manufacturing	0.00	0.00	0.00	-2.59	-2.15	-1.76	-4.06	-0.68	-0.36	2.27	2.13	2.01	1.89	1.79
Services	0.00	0.00	0.00	-0.79	-0.73	-0.69	-1.58	-0.63	-0.61	0.03	0.03	0.04	0.05	0.05
Construction	0.00	0.00	0.00	4.78	4.34	4.01	8.22	3.17	3.06	-1.76	-1.50	-1.27	-1.06	-0.87
Public administration	0.00	0.00	0.00	-0.26	-0.07	0.10	-0.09	0.55	0.68	0.95	0.92	0.88	0.85	0.83
Price index of total domestic production	0.00	0.00	0.00	-1.04	-0.84	-0.67	-1.59	-0.21	-0.07	0.93	0.87	0.83	0.78	0.74

Hungary

Scenario: Programming prices scenario

Table 33: Payments profile – Hungary (mil. euro, current prices)

Hungary (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3,044	3,237	3,446	3,635	3,794	4,001	4,215	0	0	25,371
Structural funds	2,695	2,492	2,250	2,158	2,247	2,369	2,496	0	0	16,707
<i>Productive environment</i>	628	581	524	503	524	552	582	0	0	3,893
Manufacturing	320	295	267	256	266	281	296	0	0	1,981
Services	308	285	257	247	257	271	286	0	0	1,911
<i>Human resources</i>	692	640	578	555	577	609	642	0	0	4,294
<i>Infrastructure</i>	1,226	1,134	1,024	982	1,022	1,078	1,136	0	0	7,602
<i>Rest (services)</i>	148	137	124	119	124	130	137	0	0	919
Cohesion funds	349	746	1,196	1,477	1,547	1,631	1,718	0	0	8,664

Table 34: Payments profile – Hungary (mil. euro, 2004 prices)

Hungary (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	2,868	2,991	3,121	3,227	3,303	3,414	3,527	0	0	22,451
Structural funds	2,539	2,302	2,038	1,916	1,956	2,022	2,089	0	0	14,862
<i>Productive environment</i>	592	536	475	446	456	471	487	0	0	3,463
Manufacturing	301	273	242	227	232	240	248	0	0	1,763
Services	290	263	233	219	224	231	239	0	0	1,700
<i>Human resources</i>	653	592	524	492	503	520	537	0	0	3,820
<i>Infrastructure</i>	1,155	1,047	927	872	890	920	950	0	0	6,762
<i>Rest (services)</i>	140	127	112	105	108	111	115	0	0	817
Cohesion funds	329	689	1,083	1,311	1,347	1,392	1,438	0	0	7,589

Table 35: Payments profile – Hungary (% of total payments)

Hungary (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	12.8	13.3	13.9	14.4	14.7	15.2	15.7	0.0	0.0	100.0
Structural funds	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Productive environment	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Manufacturing	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Services	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Human resources	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Infrastructure	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Rest (services)	17.1	15.5	13.7	12.9	13.2	13.6	14.1	0.0	0.0	100.0
Cohesion funds	4.3	9.1	14.3	17.3	17.7	18.3	18.9	0.0	0.0	100.0

Table 36: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.67	1.26	1.92	2.67	3.46	4.28	5.13	5.45	5.53	5.61	5.69	5.76	5.83	5.90
Private consumption	2.46	2.57	2.80	3.12	3.50	3.97	4.49	3.25	3.42	3.58	3.72	3.86	3.99	4.11
Government consumption	1.81	2.13	2.57	3.11	3.71	4.37	5.08	4.50	4.62	4.74	4.85	4.96	5.06	5.15
Gross fixed investment	14.76	15.37	16.12	16.85	17.52	18.39	19.32	5.31	5.48	5.64	5.79	5.94	6.08	6.21
Exports	-2.12	-1.69	-1.20	-0.61	0.05	0.72	1.41	4.67	4.76	4.84	4.92	4.99	5.07	5.14
Imports	5.14	5.10	5.20	5.37	5.59	5.94	6.35	2.53	2.73	2.92	3.10	3.26	3.41	3.56

Table 37: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	1.36	1.38	1.45	1.56	1.70	1.88	2.08	1.33	1.41	1.49	1.56	1.62	1.68	1.74
Number of unemployed	-14.70	-14.90	-15.70	-16.88	-18.32	-20.15	-22.19	-14.39	-15.26	-16.07	-16.80	-17.48	-18.11	-18.69
Active population	0.43	0.43	0.46	0.49	0.54	0.60	0.67	0.42	0.44	0.47	0.49	0.51	0.53	0.55
Unemployment rate (%)	4.93	4.91	4.87	4.80	4.71	4.60	4.48	4.95	4.89	4.85	4.80	4.76	4.72	4.69
Unemployment rate (% points difference with BAU)	-0.87	-0.89	-0.93	-1.00	-1.09	-1.20	-1.32	-0.85	-0.91	-0.95	-1.00	-1.04	-1.08	-1.11

Table 38: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	2.89	2.94	3.13	3.41	3.77	4.23	4.76	3.19	3.38	3.56	3.72	3.87	4.01	4.14
Household real consumption	2.45	2.57	2.80	3.12	3.50	3.97	4.49	3.24	3.41	3.56	3.71	3.85	3.98	4.10
Household real savings	4.26	4.11	4.15	4.34	4.64	5.07	5.59	3.06	3.31	3.53	3.73	3.92	4.09	4.25
Propensity to save (%)	24.32	24.27	24.24	24.21	24.20	24.19	24.19	23.97	23.98	23.99	24.00	24.01	24.02	24.03
Propensity to save (% points difference with BAU)	0.32	0.27	0.24	0.22	0.20	0.19	0.19	-0.03	-0.02	-0.01	0.00	0.01	0.02	0.03
Real average wage	2.14	2.18	2.31	2.50	2.74	3.05	3.40	2.09	2.24	2.37	2.49	2.60	2.70	2.80
Real average return to capital	3.38	2.87	2.51	2.26	2.09	2.02	2.01	-0.33	-0.19	-0.06	0.04	0.13	0.21	0.27

Table 39: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	2.46	2.36	2.41	2.56	2.80	3.14	3.55	2.15	2.49	2.80	3.07	3.32	3.55	3.76
Manufacturing	3.09	3.03	3.10	3.25	3.48	3.81	4.21	2.39	2.61	2.82	3.01	3.19	3.36	3.51
High-Tech Manufacturing	4.13	3.89	3.81	3.81	3.89	4.10	4.39	1.63	1.88	2.10	2.31	2.50	2.68	2.85
Services	1.35	1.75	2.26	2.84	3.48	4.17	4.89	4.70	4.77	4.84	4.91	4.98	5.05	5.11
Construction	-4.70	-3.68	-2.72	-1.76	-0.78	0.10	0.97	6.78	6.56	6.36	6.19	6.05	5.93	5.83
Public administration	0.55	0.91	1.34	1.85	2.42	3.01	3.65	3.97	4.08	4.17	4.27	4.36	4.44	4.53
Private consumption - total	2.29	2.44	2.72	3.07	3.49	3.99	4.54	3.46	3.62	3.76	3.90	4.02	4.14	4.26

Table 40: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	3.34	3.11	3.06	3.14	3.33	3.64	4.05	1.94	2.37	2.75	3.09	3.40	3.68	3.93
Manufacturing	4.35	4.10	4.02	4.05	4.17	4.43	4.78	1.96	2.26	2.53	2.78	3.02	3.24	3.44
High-Tech Manufacturing	5.40	5.00	4.79	4.69	4.68	4.84	5.08	1.34	1.64	1.92	2.18	2.41	2.63	2.84
Services	1.95	2.35	2.88	3.49	4.17	4.92	5.71	5.08	5.18	5.27	5.36	5.45	5.53	5.61
Construction	-4.73	-3.65	-2.62	-1.59	-0.53	0.43	1.38	7.37	7.14	6.94	6.77	6.62	6.49	6.39
Public administration	1.08	1.42	1.86	2.40	3.00	3.64	4.33	4.29	4.41	4.53	4.65	4.76	4.86	4.96
Public consumption - total	1.81	2.13	2.57	3.11	3.71	4.37	5.08	4.50	4.62	4.74	4.85	4.96	5.06	5.15

Table 41: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.06	0.52	1.07	1.71	2.42	3.17	3.95	4.85	5.06	5.24	5.42	5.58	5.72	5.86
Manufacturing	1.49	1.94	2.47	3.08	3.75	4.46	5.21	4.76	4.89	5.02	5.15	5.26	5.37	5.47
High-Tech Manufacturing	2.68	3.07	3.54	4.07	4.65	5.28	5.95	4.25	4.37	4.48	4.59	4.69	4.79	4.88
Services	1.06	1.57	2.17	2.86	3.59	4.36	5.17	5.19	5.28	5.37	5.45	5.52	5.60	5.67
Construction	13.04	13.68	14.44	15.20	15.91	16.80	17.74	5.48	5.64	5.78	5.92	6.05	6.17	6.29
Public administration	1.00	1.36	1.83	2.39	3.00	3.66	4.37	4.40	4.52	4.63	4.75	4.85	4.95	5.05
Domestic sales - total	2.15	2.62	3.18	3.82	4.49	5.23	6.00	4.87	4.99	5.10	5.20	5.30	5.39	5.48

Table 42: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.62	-0.16	0.40	1.05	1.78	2.54	3.34	4.82	5.07	5.29	5.50	5.68	5.85	6.01
Manufacturing	-2.15	-1.42	-0.63	0.24	1.18	2.12	3.08	6.17	6.30	6.42	6.54	6.65	6.76	6.86
High-Tech Manufacturing	-1.82	-1.43	-0.99	-0.48	0.08	0.65	1.23	3.97	4.03	4.10	4.16	4.22	4.27	4.33
Services	-0.04	0.66	1.43	2.29	3.20	4.12	5.07	6.20	6.23	6.27	6.30	6.33	6.37	6.41
Construction	13.74	14.51	15.38	16.23	17.02	17.98	18.98	5.89	6.02	6.14	6.25	6.35	6.46	6.56
Public administration	0.83	1.22	1.71	2.28	2.92	3.59	4.31	4.49	4.61	4.72	4.82	4.93	5.02	5.12
Domestic production - total	0.00	0.62	1.32	2.08	2.90	3.74	4.60	5.58	5.66	5.73	5.81	5.88	5.94	6.01

Table 43: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.56	-1.03	-0.53	-0.02	0.48	0.94	1.39	3.44	3.32	3.22	3.14	3.07	3.03	2.99
Manufacturing	-3.76	-3.12	-2.49	-1.83	-1.15	-0.54	0.04	4.24	4.14	4.06	3.98	3.92	3.86	3.81
High-Tech Manufacturing	-3.46	-3.40	-3.34	-3.25	-3.12	-3.04	-2.96	1.06	0.96	0.87	0.80	0.73	0.67	0.63
Services	-0.08	-0.02	0.08	0.20	0.35	0.52	0.70	1.18	1.26	1.32	1.39	1.44	1.50	1.54
Construction	33.65	31.27	29.50	27.87	26.30	25.41	24.73	-6.17	-5.16	-4.26	-3.44	-2.71	-2.05	-1.46
Public administration	1.25	1.28	1.36	1.48	1.62	1.79	1.99	1.38	1.44	1.50	1.56	1.61	1.66	1.70
Employment - total	1.36	1.38	1.45	1.56	1.70	1.88	2.08	1.33	1.41	1.49	1.56	1.62	1.68	1.74

Table 44: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-3.85	-1.59	0.57	2.69	4.78	6.70	8.57	14.78	13.69	12.77	11.99	11.33	10.78	10.32
Manufacturing	0.17	1.22	2.22	3.70	5.67	7.55	9.39	13.22	12.78	12.39	12.03	11.71	11.43	11.19
High-Tech Manufacturing	0.15	0.20	0.23	0.73	1.70	2.64	3.58	7.44	7.17	6.93	6.72	6.54	6.38	6.25
Services	19.55	20.67	21.87	22.81	23.44	24.31	25.20	4.29	4.57	4.83	5.06	5.27	5.47	5.65
Construction	61.83	56.40	52.43	48.98	45.86	44.19	43.08	-11.00	-8.98	-7.12	-5.41	-3.85	-2.44	-1.15
Public administration	2.36	3.04	3.83	4.72	5.67	6.70	7.79	7.21	7.33	7.43	7.51	7.59	7.66	7.73
Total investments - total	15.80	16.43	17.19	17.94	18.61	19.50	20.44	5.37	5.55	5.71	5.87	6.01	6.15	6.29

Table 45: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	6.70	6.63	6.68	6.75	6.86	7.10	7.40	2.81	2.67	2.57	2.52	2.49	2.48	2.50
Manufacturing	5.59	5.51	5.58	5.73	5.92	6.25	6.64	2.45	2.62	2.78	2.93	3.08	3.21	3.34
High-Tech Manufacturing	3.62	3.92	4.32	4.79	5.29	5.87	6.50	3.92	4.06	4.19	4.31	4.43	4.54	4.65
Services	8.91	7.65	6.65	5.77	5.01	4.51	4.16	-2.70	-2.18	-1.71	-1.28	-0.88	-0.52	-0.18
Construction	37.59	34.40	32.06	30.00	28.11	27.08	26.36	-5.64	-4.57	-3.59	-2.70	-1.88	-1.14	-0.46
Public administration	9.86	8.72	7.87	7.15	6.55	6.24	6.07	-1.30	-0.84	-0.42	-0.04	0.31	0.64	0.94
Imports - total	5.14	5.10	5.20	5.37	5.59	5.94	6.35	2.53	2.73	2.92	3.10	3.26	3.41	3.56

Table 46: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.78	-1.46	-1.05	-0.54	0.07	0.70	1.38	3.98	4.29	4.58	4.84	5.09	5.31	5.51
Manufacturing	-2.50	-2.07	-1.56	-0.94	-0.24	0.47	1.23	4.99	5.15	5.31	5.46	5.60	5.73	5.86
High-Tech Manufacturing	-1.81	-1.49	-1.12	-0.67	-0.16	0.36	0.90	3.69	3.76	3.84	3.91	3.98	4.05	4.11
Services	-2.65	-1.88	-1.02	-0.02	1.07	2.16	3.28	7.45	7.44	7.43	7.42	7.41	7.41	7.40
Construction	-2.82	-1.55	-0.25	1.11	2.51	3.85	5.19	9.40	9.16	8.94	8.73	8.54	8.37	8.22
Public administration	-2.80	-2.27	-1.66	-0.93	-0.13	0.66	1.48	5.47	5.50	5.53	5.56	5.59	5.62	5.66
Exports - total	-2.12	-1.69	-1.20	-0.61	0.05	0.72	1.41	4.67	4.76	4.84	4.92	4.99	5.07	5.14

Table 47: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-2.44	-1.72	-1.08	-0.50	0.04	0.48	0.86	3.10	2.79	2.51	2.28	2.07	1.88	1.72
Manufacturing	-3.10	-2.41	-1.81	-1.23	-0.69	-0.24	0.16	2.83	2.65	2.49	2.34	2.21	2.09	1.98
High-Tech Manufacturing	-4.15	-3.31	-2.55	-1.81	-1.12	-0.54	-0.02	3.67	3.47	3.28	3.11	2.96	2.82	2.70
Services	-1.26	-1.07	-0.93	-0.80	-0.69	-0.61	-0.55	0.35	0.33	0.32	0.31	0.30	0.29	0.28
Construction	5.67	5.09	4.67	4.32	4.01	3.83	3.70	-1.79	-1.50	-1.24	-1.01	-0.80	-0.62	-0.46
Public administration	-0.41	-0.16	0.06	0.26	0.45	0.61	0.77	1.11	1.07	1.03	0.99	0.96	0.93	0.89
Consumer price index	-2.28	-1.82	-1.42	-1.04	-0.70	-0.42	-0.17	1.69	1.58	1.49	1.40	1.33	1.26	1.20

Table 48: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-2.47	-1.75	-1.13	-0.55	-0.03	0.41	0.79	3.08	2.76	2.48	2.23	2.02	1.83	1.67
Manufacturing	-2.58	-2.00	-1.49	-1.00	-0.55	-0.17	0.16	2.45	2.27	2.10	1.95	1.81	1.69	1.58
High-Tech Manufacturing	-3.34	-2.71	-2.14	-1.60	-1.08	-0.66	-0.28	2.74	2.57	2.41	2.26	2.13	2.02	1.91
Services	-1.03	-0.92	-0.84	-0.77	-0.71	-0.68	-0.65	0.08	0.09	0.09	0.09	0.09	0.09	0.10
Construction	5.49	4.91	4.49	4.14	3.82	3.64	3.50	-1.78	-1.50	-1.24	-1.02	-0.82	-0.64	-0.48
Public administration	-0.35	-0.11	0.09	0.29	0.46	0.62	0.77	1.06	1.02	0.99	0.95	0.92	0.89	0.86
Price index of total domestic production	-1.38	-1.09	-0.83	-0.59	-0.37	-0.18	-0.02	1.14	1.07	1.01	0.95	0.90	0.85	0.81

Hungary

Scenario: Lisbon scenario

Table 49: Payments profile – Hungary (mil. euro, current prices)

Hungary (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	826	2,084	2,779	2,938	3,131	2,953	2,882	3,889	3,889	25,371
Structural funds	544	1,372	1,830	1,935	2,062	1,945	1,898	2,561	2,561	16,707
<i>Productive environment</i>	140	354	472	499	532	502	490	661	661	4,310
Manufacturing	71	180	240	254	271	255	249	336	336	2,194
Services	69	174	232	245	261	246	240	324	324	2,116
<i>Human resources</i>	153	387	516	546	581	548	535	722	722	4,711
<i>Infrastructure</i>	220	556	741	784	835	788	769	1,037	1,037	6,766
<i>Rest (services)</i>	30	75	101	106	113	107	104	141	141	919
Cohesion funds	282	712	949	1,003	1,069	1,008	984	1,328	1,328	8,664

Table 50: Payments profile – Hungary (mil. euro, 2004 prices)

Hungary (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	778	1,925	2,517	2,609	2,725	2,520	2,411	3,191	3,128	21,805
Structural funds	512	1,268	1,657	1,718	1,795	1,660	1,588	2,101	2,060	14,359
<i>Productive environment</i>	132	327	428	443	463	428	410	542	531	3,705
Manufacturing	67	167	218	226	236	218	209	276	271	1,886
Services	65	161	210	218	227	210	201	266	261	1,819
<i>Human resources</i>	145	358	467	484	506	468	448	592	581	4,049
<i>Infrastructure</i>	208	513	671	696	727	672	643	851	834	5,815
<i>Rest (services)</i>	28	70	91	94	99	91	87	116	113	790
Cohesion funds	266	658	859	891	931	861	823	1,090	1,068	7,446

Table 51: Payments profile – Hungary (% of total payments)

Hungary (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Structural funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Productive environment	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Manufacturing	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Services	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Human resources	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Infrastructure	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Rest (services)	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0

Table 52: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.20	0.62	1.14	1.71	2.31	2.89	3.45	4.12	4.83	5.11	5.18	5.25	5.32	5.38
Private consumption	0.64	1.56	2.08	2.31	2.61	2.77	3.03	3.77	4.16	3.23	3.37	3.50	3.62	3.73
Government consumption	0.48	1.23	1.79	2.19	2.64	3.00	3.41	4.17	4.72	4.29	4.40	4.50	4.59	4.68
Gross fixed investment	4.13	9.81	12.64	13.22	13.95	13.35	13.19	16.61	16.81	5.21	5.34	5.47	5.59	5.71
Exports	-0.57	-1.26	-1.32	-0.87	-0.42	0.30	0.92	0.91	1.63	4.40	4.47	4.55	4.62	4.68
Imports	1.39	3.25	4.09	4.20	4.42	4.28	4.32	5.46	5.68	2.65	2.81	2.96	3.11	3.24

Table 53: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.37	0.87	1.12	1.20	1.32	1.35	1.44	1.78	1.92	1.33	1.40	1.46	1.52	1.58
Number of unemployed	-4.08	-9.53	-12.23	-13.07	-14.29	-14.65	-15.54	-19.14	-20.57	-14.45	-15.17	-15.83	-16.45	-17.01
Active population	0.11	0.27	0.35	0.37	0.41	0.42	0.45	0.57	0.62	0.42	0.44	0.46	0.48	0.50
Unemployment rate (%)	5.56	5.23	5.07	5.02	4.95	4.93	4.88	4.66	4.58	4.94	4.90	4.86	4.82	4.79
Unemployment rate (% points difference with BAU)	-0.24	-0.57	-0.73	-0.78	-0.85	-0.87	-0.92	-1.14	-1.22	-0.86	-0.90	-0.94	-0.98	-1.01

Table 54: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.76	1.81	2.36	2.56	2.85	2.97	3.20	4.00	4.38	3.20	3.36	3.50	3.63	3.75
Household real consumption	0.64	1.56	2.08	2.30	2.61	2.77	3.02	3.76	4.16	3.22	3.36	3.49	3.61	3.72
Household real savings	1.11	2.60	3.27	3.38	3.60	3.59	3.75	4.76	5.10	3.16	3.36	3.53	3.69	3.84
Propensity to save (%)	24.08	24.19	24.21	24.19	24.18	24.14	24.13	24.17	24.16	23.99	24.00	24.01	24.01	24.02
Propensity to save (% points difference with BAU)	0.08	0.19	0.21	0.19	0.18	0.14	0.13	0.17	0.17	-0.01	0.00	0.01	0.01	0.02
Real average wage	0.56	1.35	1.76	1.89	2.08	2.14	2.28	2.88	3.12	2.11	2.22	2.33	2.43	2.52
Real average return to capital	0.88	1.96	2.23	2.00	1.85	1.51	1.33	1.83	1.73	-0.10	0.00	0.08	0.16	0.22

Table 55: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.64	1.51	1.90	1.98	2.14	2.18	2.34	3.03	3.32	2.24	2.53	2.80	3.03	3.25
Manufacturing	0.81	1.90	2.41	2.50	2.69	2.70	2.84	3.61	3.89	2.50	2.68	2.85	3.01	3.16
High-Tech Manufacturing	1.08	2.50	3.06	3.04	3.12	2.96	2.97	3.82	3.98	1.86	2.06	2.24	2.41	2.57
Services	0.35	0.96	1.49	1.93	2.42	2.85	3.29	3.98	4.57	4.45	4.51	4.58	4.63	4.69
Construction	-1.38	-2.90	-3.01	-2.20	-1.47	-0.32	0.56	0.21	1.18	6.12	5.94	5.78	5.65	5.53
Public administration	0.15	0.45	0.81	1.19	1.60	2.01	2.42	2.92	3.45	3.74	3.83	3.92	4.01	4.09
Private consumption - total	0.60	1.47	1.99	2.24	2.57	2.78	3.06	3.79	4.21	3.40	3.53	3.65	3.76	3.87

Table 56: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.88	2.03	2.50	2.50	2.62	2.56	2.67	3.51	3.75	2.10	2.47	2.80	3.09	3.35
Manufacturing	1.14	2.64	3.24	3.22	3.34	3.19	3.23	4.17	4.37	2.19	2.43	2.66	2.87	3.06
High-Tech Manufacturing	1.42	3.25	3.92	3.81	3.83	3.52	3.45	4.49	4.58	1.66	1.91	2.13	2.34	2.54
Services	0.51	1.34	1.98	2.44	2.97	3.38	3.84	4.68	5.30	4.83	4.91	4.99	5.06	5.14
Construction	-1.39	-2.91	-2.98	-2.12	-1.33	-0.11	0.83	0.52	1.56	6.67	6.48	6.32	6.18	6.06
Public administration	0.29	0.79	1.23	1.63	2.07	2.46	2.89	3.51	4.06	4.05	4.16	4.27	4.37	4.47
Public consumption - total	0.48	1.23	1.79	2.19	2.64	3.00	3.41	4.17	4.72	4.29	4.40	4.50	4.59	4.68

Table 57: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.02	0.18	0.53	1.00	1.52	2.08	2.62	3.15	3.82	4.58	4.76	4.93	5.08	5.22
Manufacturing	0.42	1.09	1.66	2.12	2.63	3.06	3.51	4.26	4.86	4.52	4.64	4.75	4.86	4.96
High-Tech Manufacturing	0.75	1.84	2.56	2.96	3.42	3.70	4.03	4.94	5.43	4.08	4.18	4.28	4.37	4.45
Services	0.29	0.83	1.37	1.89	2.45	2.96	3.48	4.18	4.84	4.89	4.97	5.04	5.11	5.18
Construction	3.65	8.69	11.27	11.86	12.60	12.17	12.11	15.21	15.48	5.33	5.45	5.57	5.68	5.78
Public administration	0.27	0.75	1.20	1.60	2.06	2.48	2.91	3.53	4.10	4.15	4.26	4.36	4.46	4.55
Domestic sales - total	0.60	1.53	2.22	2.70	3.23	3.62	4.05	4.93	5.52	4.63	4.72	4.82	4.91	4.99

Table 58: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.16	-0.25	0.00	0.48	0.99	1.60	2.18	2.60	3.30	4.53	4.75	4.95	5.14	5.30
Manufacturing	-0.57	-1.15	-0.99	-0.32	0.35	1.25	2.03	2.27	3.17	5.72	5.84	5.95	6.06	6.16
High-Tech Manufacturing	-0.48	-1.07	-1.11	-0.72	-0.33	0.28	0.81	0.79	1.40	3.73	3.79	3.85	3.90	3.96
Services	0.00	0.19	0.68	1.34	2.02	2.74	3.41	4.00	4.82	5.75	5.78	5.82	5.85	5.88
Construction	3.87	9.21	11.96	12.64	13.45	13.02	12.97	16.25	16.54	5.70	5.80	5.89	5.98	6.06
Public administration	0.23	0.65	1.08	1.51	1.97	2.42	2.87	3.47	4.06	4.23	4.33	4.43	4.52	4.61
Domestic production - total	0.02	0.20	0.63	1.22	1.83	2.48	3.09	3.64	4.38	5.21	5.28	5.34	5.41	5.47

Table 59: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.40	-0.84	-0.77	-0.35	0.04	0.58	1.00	0.97	1.44	3.15	3.05	2.96	2.90	2.85
Manufacturing	-1.00	-2.21	-2.41	-1.88	-1.41	-0.60	0.01	-0.33	0.31	3.75	3.68	3.62	3.57	3.52
High-Tech Manufacturing	-0.93	-2.25	-2.82	-2.74	-2.70	-2.28	-2.01	-2.74	-2.48	0.98	0.89	0.82	0.75	0.69
Services	0.00	-0.03	-0.01	0.08	0.19	0.34	0.49	0.56	0.75	1.19	1.25	1.31	1.36	1.41
Construction	8.91	20.85	25.19	23.78	22.92	19.23	17.00	22.87	20.97	-4.64	-3.82	-3.09	-2.42	-1.82
Public administration	0.34	0.80	1.03	1.12	1.24	1.29	1.38	1.70	1.85	1.39	1.44	1.49	1.53	1.58
Employment - total	0.37	0.87	1.12	1.20	1.32	1.35	1.44	1.78	1.92	1.33	1.40	1.46	1.52	1.58

Table 60: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.96	-1.85	-1.10	0.69	2.36	4.41	6.01	6.26	8.13	13.41	12.46	11.66	10.98	10.41
Manufacturing	-0.15	0.00	1.08	2.67	4.19	5.80	7.14	8.03	9.63	11.78	11.43	11.12	10.83	10.58
High-Tech Manufacturing	-0.16	-0.39	-0.05	0.73	1.48	2.42	3.20	3.35	4.31	6.92	6.67	6.45	6.26	6.10
Services	5.72	13.41	17.15	17.78	18.58	17.51	17.02	21.50	21.41	4.33	4.56	4.76	4.95	5.12
Construction	15.42	37.11	44.85	41.76	39.90	32.85	28.75	39.93	36.46	-8.17	-6.46	-4.90	-3.48	-2.18
Public administration	0.67	1.65	2.47	3.17	3.94	4.61	5.29	6.32	7.25	7.02	7.09	7.15	7.20	7.25
Total investments - total	4.42	10.49	13.50	14.09	14.84	14.17	13.97	17.60	17.76	5.28	5.41	5.54	5.67	5.79

Table 61: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.78	4.13	5.16	5.26	5.47	5.22	5.18	6.40	6.57	3.08	2.92	2.80	2.72	2.67
Manufacturing	1.51	3.51	4.40	4.50	4.70	4.51	4.52	5.71	5.90	2.59	2.73	2.85	2.97	3.09
High-Tech Manufacturing	1.01	2.42	3.23	3.58	3.99	4.15	4.41	5.45	5.87	3.81	3.93	4.04	4.14	4.24
Services	2.34	5.17	5.85	5.10	4.58	3.50	2.85	4.06	3.58	-1.79	-1.38	-1.00	-0.64	-0.32
Construction	9.46	22.51	27.21	25.45	24.39	20.30	17.91	24.31	22.33	-3.98	-3.10	-2.30	-1.56	-0.89
Public administration	2.55	5.76	6.71	6.10	5.73	4.72	4.17	5.66	5.30	-0.47	-0.11	0.22	0.52	0.81
Imports - total	1.39	3.25	4.09	4.20	4.42	4.28	4.32	5.46	5.68	2.65	2.81	2.96	3.11	3.24

Table 62: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.48	-1.05	-1.09	-0.73	-0.34	0.27	0.83	0.94	1.60	3.75	4.04	4.30	4.55	4.77
Manufacturing	-0.67	-1.51	-1.62	-1.16	-0.69	0.10	0.78	0.73	1.53	4.73	4.87	5.01	5.14	5.26
High-Tech Manufacturing	-0.49	-1.10	-1.18	-0.84	-0.49	0.09	0.58	0.53	1.10	3.49	3.56	3.63	3.69	3.75
Services	-0.72	-1.50	-1.38	-0.62	0.16	1.25	2.19	2.36	3.45	6.91	6.90	6.88	6.87	6.86
Construction	-0.71	-1.46	-1.11	-0.01	1.06	2.43	3.55	3.79	5.10	8.66	8.43	8.22	8.03	7.87
Public administration	-0.75	-1.66	-1.74	-1.20	-0.66	0.20	0.93	0.86	1.68	5.00	5.03	5.06	5.09	5.13
Exports - total	-0.57	-1.26	-1.32	-0.87	-0.42	0.30	0.92	0.91	1.63	4.40	4.47	4.55	4.62	4.68

Table 63: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.63	-1.31	-1.27	-0.77	-0.34	0.23	0.63	0.47	0.87	2.65	2.38	2.15	1.95	1.78
Manufacturing	-0.81	-1.73	-1.80	-1.32	-0.93	-0.32	0.10	-0.14	0.27	2.36	2.22	2.09	1.97	1.87
High-Tech Manufacturing	-1.11	-2.36	-2.48	-1.88	-1.38	-0.60	-0.04	-0.37	0.17	3.06	2.90	2.76	2.63	2.51
Services	-0.31	-0.72	-0.82	-0.72	-0.64	-0.48	-0.38	-0.54	-0.45	0.26	0.26	0.25	0.24	0.24
Construction	1.61	3.63	4.25	3.91	3.68	3.00	2.60	3.58	3.21	-1.46	-1.22	-1.00	-0.81	-0.63
Public administration	-0.09	-0.17	-0.09	0.08	0.24	0.41	0.55	0.59	0.73	1.01	0.98	0.94	0.91	0.88
Consumer price index	-0.59	-1.28	-1.36	-1.06	-0.81	-0.40	-0.13	-0.33	-0.07	1.40	1.32	1.24	1.18	1.12

Table 64: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.64	-1.34	-1.30	-0.81	-0.39	0.18	0.58	0.40	0.80	2.63	2.36	2.12	1.92	1.74
Manufacturing	-0.67	-1.44	-1.50	-1.10	-0.76	-0.25	0.11	-0.12	0.23	2.04	1.89	1.76	1.64	1.53
High-Tech Manufacturing	-0.88	-1.91	-2.06	-1.61	-1.24	-0.63	-0.21	-0.53	-0.12	2.29	2.15	2.02	1.91	1.81
Services	-0.25	-0.60	-0.71	-0.66	-0.62	-0.51	-0.45	-0.60	-0.54	0.05	0.05	0.06	0.06	0.06
Construction	1.55	3.51	4.10	3.75	3.52	2.86	2.46	3.40	3.04	-1.46	-1.22	-1.01	-0.82	-0.65
Public administration	-0.07	-0.13	-0.06	0.11	0.26	0.42	0.55	0.59	0.73	0.97	0.94	0.90	0.87	0.84
Price index of total domestic production	-0.36	-0.77	-0.81	-0.62	-0.45	-0.20	-0.02	-0.13	0.04	0.95	0.89	0.85	0.80	0.76

Hungary

Scenario: Co-financing scenario

Table 65: Payments profile – Hungary (mil. euro, current prices)

Hungary (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	826	2,084	2,779	2,938	3,131	2,953	2,882	3,889	3,889	25,371
Structural funds	544	1,372	1,830	1,935	2,062	1,945	1,898	2,561	2,561	16,707
<i>Productive environment</i>	127	320	426	451	480	453	442	597	597	3,893
Manufacturing	65	163	217	229	244	231	225	304	304	1,981
Services	62	157	209	221	236	222	217	293	293	1,911
<i>Human resources</i>	140	353	470	497	530	500	488	658	658	4,294
<i>Infrastructure</i>	247	624	833	880	938	885	863	1,165	1,165	7,602
<i>Rest (services)</i>	30	75	101	106	113	107	104	141	141	919
Cohesion funds	282	712	949	1,003	1,069	1,008	984	1,328	1,328	8,664

Table 66: Payments profile – Hungary (mil. euro, 2004 prices)

Hungary (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	778	1,925	2,517	2,609	2,725	2,520	2,411	3,191	3,128	21,805
Structural funds	512	1,268	1,657	1,718	1,795	1,660	1,588	2,101	2,060	14,359
<i>Productive environment</i>	119	295	386	400	418	387	370	490	480	3,346
Manufacturing	61	150	197	204	213	197	188	249	244	1,703
Services	59	145	190	197	205	190	182	240	236	1,643
<i>Human resources</i>	132	326	426	441	461	427	408	540	529	3,690
<i>Infrastructure</i>	233	577	754	782	817	755	723	956	937	6,533
<i>Rest (services)</i>	28	70	91	94	99	91	87	116	113	790
Cohesion funds	266	658	859	891	931	861	823	1,090	1,068	7,446

Table 67: Payments profile – Hungary (% of total payments)

Hungary (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Structural funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Productive environment	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Manufacturing	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Services	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Human resources	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Infrastructure	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Rest (services)	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0
Cohesion funds	3.6	8.8	11.5	12.0	12.5	11.6	11.1	14.6	14.3	100.0

Table 68: Macroeconomic effects in real terms (% change compared to BAU)

Macroeconomic effects in real terms (% change to the BAU)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
GDP	0.14	0.53	1.15	1.89	2.67	3.47	4.23	5.02	5.97	6.69	6.79	6.89	6.98	7.08
Private consumption	0.27	0.70	1.05	1.36	1.75	2.15	2.61	3.20	3.82	4.33	4.52	4.69	4.86	5.01
Government consumption	0.46	1.23	1.88	2.41	3.02	3.55	4.13	5.03	5.79	5.67	5.81	5.94	6.06	6.18
Gross fixed investment	4.75	11.28	14.60	15.35	16.29	15.69	15.60	19.64	19.97	6.55	6.73	6.90	7.07	7.22
Exports	-0.58	-1.26	-1.21	-0.62	0.00	0.89	1.68	1.81	2.74	5.78	5.88	5.97	6.07	6.16
Imports	1.39	3.24	4.12	4.29	4.59	4.55	4.71	5.95	6.31	3.48	3.69	3.89	4.08	4.26

Table 69: Labour market effects (% change compared to BAU)

Labour market effects	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National employment	0.34	0.81	1.06	1.18	1.33	1.42	1.56	1.92	2.12	1.75	1.84	1.92	1.99	2.06
Number of unemployed	-4.77	-11.21	-14.55	-15.74	-17.37	-18.01	-19.23	-23.59	-25.45	-18.54	-19.42	-20.23	-20.98	-21.67
Active population	0.04	0.11	0.16	0.19	0.24	0.29	0.35	0.44	0.53	0.57	0.60	0.63	0.66	0.68
Unemployment rate (%)	5.52	5.14	4.95	4.88	4.78	4.74	4.67	4.41	4.30	4.70	4.65	4.60	4.55	4.51
Unemployment rate (% points difference with BAU)	-0.28	-0.66	-0.85	-0.92	-1.02	-1.06	-1.13	-1.39	-1.50	-1.10	-1.15	-1.20	-1.25	-1.29

Table 70: Effects on households (% change compared to BAU)

Effects on households	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Household real income	0.76	1.85	2.48	2.76	3.16	3.40	3.76	4.71	5.26	4.27	4.46	4.65	4.82	4.98
Household real consumption	0.27	0.70	1.05	1.35	1.75	2.15	2.60	3.20	3.82	4.31	4.50	4.68	4.84	5.00
Household real savings	0.52	1.22	1.59	1.79	2.12	2.45	2.90	3.65	4.31	4.63	4.88	5.12	5.34	5.54
Propensity to save (%)	24.04	24.09	24.10	24.08	24.07	24.05	24.05	24.08	24.08	24.05	24.07	24.08	24.08	24.09
Propensity to save (% points difference with BAU)	0.04	0.09	0.10	0.08	0.07	0.05	0.05	0.08	0.09	0.05	0.07	0.08	0.09	0.09
Real average wage	0.64	1.57	2.09	2.28	2.54	2.65	2.86	3.62	3.96	2.78	2.93	3.07	3.20	3.32
Real average return to capital	0.90	2.00	2.31	2.11	2.02	1.73	1.62	2.20	2.18	0.45	0.57	0.67	0.76	0.83

Table 71: Private consumption (% change compared to BAU)

Private consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.31	0.73	0.93	1.02	1.23	1.44	1.76	2.31	2.77	2.94	3.35	3.71	4.04	4.33
Manufacturing	0.43	1.02	1.33	1.47	1.72	1.95	2.27	2.87	3.35	3.39	3.63	3.86	4.08	4.28
High-Tech Manufacturing	0.70	1.58	1.91	1.91	2.03	2.06	2.24	2.90	3.24	2.56	2.82	3.06	3.29	3.50
Services	-0.02	0.13	0.54	1.11	1.74	2.45	3.14	3.71	4.57	5.93	6.02	6.10	6.19	6.27
Construction	-2.06	-4.40	-4.75	-3.80	-2.93	-1.42	-0.26	-0.90	0.37	7.67	7.48	7.33	7.19	7.08
Public administration	-0.26	-0.49	-0.30	0.18	0.71	1.39	2.02	2.35	3.12	4.99	5.12	5.25	5.37	5.49
Private consumption - total	0.23	0.62	0.97	1.31	1.74	2.19	2.68	3.27	3.92	4.56	4.73	4.90	5.05	5.20

Table 72: Public consumption (% change compared to BAU)

Public consumption	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.93	2.15	2.66	2.67	2.84	2.82	3.01	3.98	4.34	2.70	3.19	3.63	4.03	4.38
Manufacturing	1.14	2.64	3.26	3.28	3.46	3.39	3.54	4.58	4.91	2.95	3.26	3.55	3.82	4.07
High-Tech Manufacturing	1.40	3.21	3.88	3.78	3.85	3.60	3.61	4.73	4.93	2.26	2.57	2.86	3.13	3.39
Services	0.52	1.40	2.17	2.79	3.49	4.09	4.73	5.74	6.59	6.38	6.48	6.58	6.67	6.77
Construction	-1.74	-3.64	-3.74	-2.70	-1.73	-0.23	0.95	0.58	1.89	8.29	8.09	7.92	7.78	7.66
Public administration	0.24	0.71	1.23	1.75	2.33	2.90	3.48	4.22	4.97	5.34	5.49	5.64	5.78	5.91
Public consumption - total	0.46	1.23	1.88	2.41	3.02	3.55	4.13	5.03	5.79	5.67	5.81	5.94	6.06	6.18

Table 73: Domestic sales (% change compared to BAU)

Domestic sales	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.07	-0.01	0.38	0.99	1.66	2.42	3.16	3.77	4.68	5.99	6.24	6.47	6.68	6.87
Manufacturing	0.33	0.92	1.54	2.15	2.81	3.45	4.09	4.93	5.76	5.94	6.10	6.25	6.39	6.53
High-Tech Manufacturing	0.82	2.03	2.87	3.42	4.03	4.44	4.92	6.01	6.69	5.33	5.46	5.59	5.71	5.83
Services	0.20	0.65	1.26	1.94	2.67	3.40	4.11	4.91	5.82	6.44	6.54	6.64	6.73	6.82
Construction	4.19	9.99	13.01	13.79	14.73	14.32	14.35	18.02	18.45	6.74	6.90	7.06	7.21	7.35
Public administration	0.22	0.66	1.18	1.72	2.32	2.91	3.52	4.25	5.02	5.47	5.62	5.76	5.89	6.02
Domestic sales - total	0.58	1.52	2.31	2.94	3.64	4.21	4.81	5.84	6.65	6.06	6.19	6.32	6.44	6.55

Table 74: Domestic production (% change compared to BAU)

Domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.23	-0.39	-0.09	0.52	1.18	1.98	2.74	3.27	4.19	5.88	6.19	6.47	6.72	6.96
Manufacturing	-0.62	-1.21	-0.94	-0.07	0.81	1.95	2.96	3.35	4.52	7.51	7.67	7.83	7.98	8.12
High-Tech Manufacturing	-0.49	-1.05	-0.99	-0.47	0.06	0.83	1.50	1.61	2.40	4.94	5.01	5.09	5.16	5.23
Services	-0.09	0.04	0.63	1.48	2.37	3.34	4.24	4.96	6.05	7.55	7.60	7.64	7.69	7.74
Construction	4.46	10.62	13.84	14.72	15.75	15.34	15.37	19.26	19.71	7.15	7.28	7.41	7.53	7.65
Public administration	0.18	0.56	1.07	1.63	2.24	2.87	3.49	4.20	4.99	5.57	5.71	5.84	5.97	6.10
Domestic production - total	-0.01	0.19	0.74	1.51	2.31	3.17	3.97	4.68	5.67	6.82	6.92	7.01	7.10	7.19

Table 75: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.59	-1.24	-1.19	-0.64	-0.14	0.58	1.14	1.06	1.68	4.11	3.96	3.85	3.76	3.69
Manufacturing	-1.09	-2.39	-2.55	-1.89	-1.29	-0.32	0.42	0.10	0.89	4.75	4.68	4.61	4.55	4.50
High-Tech Manufacturing	-0.94	-2.29	-2.86	-2.76	-2.69	-2.25	-1.95	-2.69	-2.40	1.11	1.01	0.92	0.85	0.78
Services	-0.17	-0.44	-0.51	-0.40	-0.26	-0.01	0.21	0.19	0.46	1.54	1.62	1.70	1.77	1.84
Construction	10.29	24.17	29.24	27.60	26.62	22.34	19.75	26.60	24.39	-5.24	-4.29	-3.43	-2.66	-1.96
Public administration	0.26	0.62	0.83	0.95	1.11	1.23	1.39	1.69	1.91	1.82	1.89	1.95	2.01	2.06
Employment - total	0.34	0.81	1.06	1.18	1.33	1.42	1.56	1.92	2.12	1.75	1.84	1.92	1.99	2.06

Table 76: Investments by branch (% change compared to BAU)

Investments by branch	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-1.93	-3.94	-3.36	-1.06	1.09	3.97	6.21	6.08	8.65	17.95	16.59	15.44	14.48	13.67
Manufacturing	-0.49	-0.66	0.51	2.45	4.31	6.40	8.14	9.07	11.14	14.88	14.46	14.08	13.73	13.43
High-Tech Manufacturing	-0.37	-0.85	-0.53	0.41	1.32	2.50	3.47	3.62	4.82	8.24	7.97	7.73	7.52	7.34
Services	6.87	16.09	20.60	21.41	22.41	21.17	20.61	26.07	26.01	5.25	5.57	5.86	6.13	6.37
Construction	17.27	41.58	50.21	46.80	44.78	36.92	32.38	45.11	41.30	-9.02	-7.03	-5.20	-3.53	-2.00
Public administration	0.04	0.20	0.78	1.67	2.63	3.73	4.77	5.55	6.88	9.01	9.10	9.18	9.25	9.31
Total investments - total	5.09	12.09	15.62	16.38	17.34	16.66	16.50	20.80	21.09	6.62	6.80	6.98	7.14	7.30

Table 77: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.50	3.49	4.43	4.66	5.00	5.02	5.18	6.31	6.73	4.41	4.14	3.95	3.81	3.72
Manufacturing	1.40	3.25	4.10	4.25	4.53	4.47	4.60	5.81	6.16	3.39	3.57	3.74	3.90	4.06
High-Tech Manufacturing	1.09	2.63	3.57	4.04	4.59	4.87	5.25	6.49	7.08	4.96	5.12	5.26	5.40	5.53
Services	2.21	4.80	5.25	4.36	3.73	2.61	1.97	3.07	2.61	-2.22	-1.68	-1.18	-0.73	-0.31
Construction	10.75	25.69	31.07	29.00	27.76	23.06	20.34	27.72	25.48	-4.43	-3.38	-2.42	-1.55	-0.75
Public administration	2.57	5.77	6.64	5.93	5.50	4.46	3.92	5.46	5.14	-0.49	-0.03	0.39	0.77	1.13
Imports - total	1.39	3.24	4.12	4.29	4.59	4.55	4.71	5.95	6.31	3.48	3.69	3.89	4.08	4.26

Table 78: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.48	-1.03	-1.01	-0.55	-0.05	0.69	1.38	1.62	2.44	4.76	5.17	5.54	5.88	6.19
Manufacturing	-0.69	-1.50	-1.51	-0.89	-0.25	0.73	1.59	1.69	2.71	6.19	6.39	6.57	6.75	6.91
High-Tech Manufacturing	-0.50	-1.09	-1.09	-0.63	-0.15	0.57	1.21	1.26	2.01	4.62	4.71	4.79	4.88	4.95
Services	-0.74	-1.50	-1.23	-0.23	0.80	2.17	3.36	3.72	5.13	9.04	9.02	9.00	8.99	8.98
Construction	-0.76	-1.53	-1.05	0.30	1.61	3.26	4.62	5.01	6.63	10.62	10.38	10.15	9.95	9.76
Public administration	-0.80	-1.73	-1.73	-1.02	-0.31	0.76	1.67	1.71	2.76	6.53	6.57	6.63	6.68	6.73
Exports - total	-0.58	-1.26	-1.21	-0.62	0.00	0.89	1.68	1.81	2.74	5.78	5.88	5.97	6.07	6.16

Table 79: Consumer prices (% change compared to BAU)

Consumer prices	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.73	-1.51	-1.42	-0.78	-0.24	0.49	1.00	0.82	1.33	3.50	3.14	2.83	2.56	2.33
Manufacturing	-0.87	-1.83	-1.85	-1.26	-0.77	-0.06	0.45	0.21	0.71	3.00	2.82	2.66	2.52	2.39
High-Tech Manufacturing	-1.15	-2.42	-2.46	-1.73	-1.10	-0.18	0.48	0.18	0.83	3.92	3.72	3.54	3.38	3.23
Services	-0.37	-0.86	-1.00	-0.88	-0.79	-0.60	-0.48	-0.68	-0.58	0.30	0.30	0.29	0.29	0.29
Construction	1.91	4.32	5.08	4.71	4.48	3.71	3.25	4.42	4.00	-1.47	-1.20	-0.95	-0.74	-0.55
Public administration	-0.10	-0.19	-0.08	0.14	0.33	0.55	0.72	0.77	0.96	1.28	1.23	1.19	1.14	1.10
Consumer price index	-0.64	-1.40	-1.47	-1.10	-0.79	-0.31	0.02	-0.20	0.11	1.76	1.67	1.58	1.50	1.42

Table 80: Price index of domestic production (% change compared to BAU)

Price index of domestic production	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.73	-1.52	-1.43	-0.79	-0.26	0.47	0.97	0.77	1.28	3.47	3.10	2.79	2.51	2.27
Manufacturing	-0.72	-1.53	-1.55	-1.05	-0.63	-0.03	0.40	0.18	0.60	2.58	2.39	2.23	2.07	1.94
High-Tech Manufacturing	-0.92	-1.97	-2.05	-1.51	-1.05	-0.34	0.16	-0.14	0.34	2.88	2.71	2.55	2.41	2.29
Services	-0.30	-0.73	-0.89	-0.82	-0.79	-0.66	-0.58	-0.77	-0.71	0.03	0.04	0.05	0.06	0.07
Construction	1.84	4.17	4.89	4.52	4.28	3.52	3.07	4.20	3.79	-1.47	-1.21	-0.97	-0.76	-0.57
Public administration	-0.08	-0.15	-0.05	0.16	0.35	0.55	0.71	0.77	0.95	1.23	1.18	1.14	1.10	1.06
Price index of total domestic production	-0.38	-0.82	-0.85	-0.61	-0.40	-0.10	0.11	0.00	0.20	1.21	1.14	1.08	1.02	0.97