

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

Germany – TFP elasticity = 0.10

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Germany

Scenario: Past profile of 6 countries 2000-2006

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

Germany (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	563	1,420	1,893	2,002	2,133	2,012	1,963	2,650	2,650	17,285
Structural funds	563	1,420	1,893	2,002	2,133	2,012	1,963	2,650	2,650	17,285
<i>Productive environment</i>	176	444	593	626	668	630	615	829	829	5,410
Manufacturing	105	266	354	375	399	377	368	496	496	3,236
Services	71	179	238	252	268	253	247	333	333	2,175
<i>Human resources</i>	181	457	610	645	687	648	632	853	853	5,566
<i>Infrastructure</i>	204	515	687	727	774	730	713	962	962	6,275
<i>Rest (services)</i>	1	3	4	4	4	4	4	5	5	35
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	530	1,312	1,715	1,777	1,857	1,717	1,643	2,174	2,131	14,856
Structural funds	530	1,312	1,715	1,777	1,857	1,717	1,643	2,174	2,131	14,856
<i>Productive environment</i>	166	411	537	556	581	537	514	680	667	4,650
Manufacturing	99	246	321	333	348	321	308	407	399	2,781
Services	67	165	216	224	234	216	207	273	268	1,869
<i>Human resources</i>	171	422	552	572	598	553	529	700	686	4,784
<i>Infrastructure</i>	192	476	622	645	674	623	596	789	774	5,393
<i>Rest (services)</i>	1	3	3	4	4	3	3	4	4	30
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (% 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.00	0.02	0.05	0.09	0.13	0.17	0.21	0.25	0.31	0.35	0.36	0.38	0.39	0.41
Private consumption	0.01	0.03	0.05	0.07	0.09	0.11	0.13	0.16	0.19	0.21	0.22	0.23	0.24	0.25
Government consumption	0.01	0.03	0.06	0.09	0.12	0.16	0.19	0.23	0.28	0.31	0.32	0.34	0.35	0.37
Gross fixed investment	0.15	0.38	0.53	0.61	0.69	0.73	0.78	0.98	1.06	0.69	0.72	0.75	0.78	0.82
Exports	-0.02	-0.05	-0.04	-0.02	0.01	0.06	0.09	0.11	0.15	0.30	0.31	0.32	0.33	0.35
Imports	0.06	0.15	0.19	0.20	0.22	0.22	0.23	0.30	0.32	0.18	0.20	0.22	0.23	0.25

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	0.01	0.02	0.04	0.05	0.07	0.09	0.10	0.12	0.15	0.15	0.16	0.17	0.18	0.19
Number of unemployed	-0.06	-0.18	-0.31	-0.44	-0.58	-0.72	-0.86	-1.05	-1.24	-1.30	-1.37	-1.43	-1.50	-1.56
Active population	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04
Unemployment rate (%)	8.19	8.18	8.17	8.16	8.15	8.14	8.13	8.11	8.10	8.09	8.09	8.08	8.07	8.07
Unemployment rate (% points difference with BAU)	-0.01	-0.02	-0.03	-0.04	-0.05	-0.06	-0.07	-0.09	-0.10	-0.11	-0.11	-0.12	-0.13	-0.13

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	0.01	0.03	0.05	0.06	0.08	0.10	0.13	0.15	0.18	0.19	0.20	0.21	0.22	0.23
Household real consumption	0.01	0.03	0.05	0.07	0.09	0.11	0.13	0.16	0.19	0.21	0.22	0.23	0.24	0.25
Household real savings	0.01	0.03	0.04	0.05	0.05	0.06	0.06	0.08	0.09	0.07	0.07	0.08	0.08	0.08
Propensity to save (%)	9.91	9.91	9.91	9.91	9.90	9.90	9.90	9.90	9.90	9.90	9.89	9.89	9.89	9.89
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02
Real average wage	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.17	0.17	0.18	0.19	0.20	0.21
Real average return to capital	0.01	0.02	-0.01	-0.04	-0.08	-0.12	-0.16	-0.19	-0.24	-0.30	-0.32	-0.34	-0.36	-0.38

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	0.02	0.04	0.05	0.06	0.07	0.09	0.11	0.14	0.17	0.16	0.19	0.21	0.23	0.25
Manufacturing	0.01	0.04	0.06	0.07	0.09	0.11	0.13	0.16	0.18	0.18	0.19	0.20	0.21	0.22
High-Tech Manufacturing	0.02	0.04	0.06	0.07	0.09	0.10	0.12	0.14	0.17	0.15	0.16	0.17	0.18	0.19
Services	0.00	0.02	0.04	0.06	0.09	0.12	0.14	0.17	0.21	0.24	0.25	0.26	0.27	0.28
Construction	-0.02	-0.04	-0.03	-0.01	0.01	0.04	0.07	0.07	0.10	0.20	0.20	0.21	0.21	0.22
Public administration	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.17	0.18	0.19
Private consumption - total	0.01	0.02	0.04	0.06	0.09	0.11	0.13	0.16	0.19	0.21	0.22	0.23	0.24	0.25

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manufacturing	0.02	0.06	0.09	0.11	0.14	0.16	0.19	0.24	0.28	0.27	0.28	0.30	0.32	0.33
High-Tech Manufacturing	0.03	0.06	0.09	0.11	0.14	0.16	0.18	0.22	0.26	0.24	0.25	0.27	0.28	0.30
Services	0.01	0.03	0.06	0.10	0.14	0.18	0.22	0.26	0.31	0.35	0.36	0.38	0.39	0.41
Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Public administration	0.01	0.02	0.04	0.07	0.09	0.12	0.15	0.19	0.23	0.25	0.27	0.29	0.30	0.31
Public consumption - total	0.01	0.03	0.06	0.09	0.12	0.16	0.19	0.23	0.28	0.31	0.32	0.34	0.35	0.37

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	0.01	0.02	0.04	0.07	0.11	0.14	0.18	0.22	0.27	0.31	0.33	0.35	0.37	0.39
Manufacturing	0.01	0.04	0.07	0.10	0.13	0.17	0.20	0.25	0.29	0.31	0.32	0.34	0.35	0.37
High-Tech Manufacturing	0.03	0.08	0.13	0.17	0.21	0.25	0.29	0.35	0.40	0.38	0.39	0.41	0.42	0.44
Services	0.01	0.02	0.05	0.09	0.12	0.16	0.20	0.24	0.28	0.32	0.33	0.35	0.36	0.37
Construction	0.11	0.28	0.40	0.47	0.54	0.58	0.63	0.78	0.86	0.59	0.62	0.65	0.67	0.70
Public administration	0.01	0.02	0.05	0.07	0.10	0.13	0.16	0.20	0.24	0.26	0.28	0.29	0.31	0.32
Domestic sales - total	0.02	0.05	0.09	0.12	0.16	0.20	0.23	0.28	0.33	0.34	0.35	0.37	0.38	0.40

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	-0.01	-0.02	-0.01	0.02	0.05	0.10	0.15	0.19	0.25	0.33	0.39	0.43	0.46	0.49
Manufacturing	-0.02	-0.03	-0.01	0.03	0.08	0.13	0.17	0.20	0.26	0.37	0.39	0.40	0.42	0.44
High-Tech Manufacturing	-0.02	-0.04	-0.02	0.02	0.06	0.11	0.15	0.18	0.23	0.36	0.37	0.38	0.39	0.40
Services	0.00	0.01	0.04	0.08	0.12	0.16	0.20	0.24	0.29	0.34	0.35	0.36	0.38	0.39
Construction	0.12	0.30	0.42	0.49	0.56	0.60	0.65	0.81	0.89	0.61	0.64	0.66	0.69	0.72
Public administration	0.01	0.02	0.04	0.07	0.10	0.13	0.16	0.20	0.24	0.26	0.28	0.29	0.31	0.32
Domestic production - total	0.00	0.01	0.04	0.08	0.12	0.17	0.21	0.25	0.30	0.36	0.37	0.39	0.40	0.42

Table 11: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.02	-0.04	-0.02	0.01	0.04	0.07	0.11	0.12	0.16	0.25	0.26	0.27	0.28	0.29
Manufacturing	-0.02	-0.05	-0.05	-0.02	0.00	0.03	0.05	0.06	0.09	0.19	0.20	0.21	0.22	0.22
High-Tech Manufacturing	-0.03	-0.06	-0.06	-0.05	-0.03	-0.01	0.02	0.01	0.04	0.16	0.17	0.18	0.18	0.19
Services	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.10	0.11	0.12	0.12	0.13	0.14
Construction	0.17	0.43	0.56	0.60	0.66	0.66	0.68	0.87	0.91	0.43	0.47	0.50	0.53	0.56
Public administration	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.17	0.18	0.18	0.19	0.20	0.20
Employment - total	0.01	0.02	0.04	0.05	0.07	0.09	0.10	0.12	0.15	0.15	0.16	0.17	0.18	0.19

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	-0.03	-0.02	0.08	0.21	0.32	0.44	0.53	0.58	0.70	0.90	0.84	0.80	0.79	0.79
Manufacturing	0.09	0.23	0.35	0.44	0.53	0.59	0.66	0.80	0.90	0.73	0.74	0.76	0.79	0.81
High-Tech Manufacturing	0.11	0.29	0.41	0.48	0.56	0.60	0.66	0.82	0.90	0.64	0.67	0.69	0.72	0.75
Services	0.15	0.38	0.53	0.60	0.68	0.71	0.76	0.96	1.03	0.65	0.68	0.71	0.74	0.77
Construction	0.56	1.33	1.70	1.76	1.87	1.81	1.84	2.42	2.50	0.90	1.07	1.20	1.31	1.41
Public administration	0.03	0.09	0.17	0.24	0.33	0.40	0.48	0.58	0.69	0.73	0.75	0.77	0.80	0.83
Total investments - total	0.14	0.36	0.50	0.58	0.66	0.70	0.75	0.94	1.02	0.67	0.70	0.73	0.76	0.79

Table 13: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.04	0.10	0.15	0.19	0.21	0.23	0.23	0.26	0.28	0.22	0.17	0.14	0.13	0.12
Manufacturing	0.06	0.13	0.17	0.17	0.19	0.18	0.19	0.24	0.26	0.14	0.16	0.17	0.18	0.19
High-Tech Manufacturing	0.07	0.17	0.22	0.25	0.28	0.29	0.31	0.39	0.43	0.28	0.30	0.32	0.34	0.36
Services	0.07	0.15	0.17	0.16	0.16	0.14	0.13	0.18	0.19	0.04	0.06	0.07	0.09	0.10
Construction	0.21	0.51	0.66	0.69	0.74	0.72	0.74	0.95	0.99	0.42	0.46	0.50	0.54	0.57
Public administration	0.06	0.15	0.19	0.20	0.21	0.21	0.22	0.29	0.31	0.19	0.20	0.22	0.24	0.25
Imports - total	0.06	0.15	0.19	0.20	0.22	0.22	0.23	0.30	0.32	0.18	0.20	0.22	0.23	0.25

Table 14: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.02	-0.04	-0.05	-0.05	-0.03	0.00	0.04	0.07	0.12	0.23	0.30	0.36	0.40	0.44
Manufacturing	-0.02	-0.05	-0.05	-0.02	0.01	0.05	0.09	0.10	0.15	0.29	0.31	0.33	0.35	0.36
High-Tech Manufacturing	-0.02	-0.05	-0.05	-0.02	0.01	0.05	0.09	0.10	0.14	0.29	0.30	0.31	0.32	0.33
Services	-0.02	-0.04	-0.03	0.00	0.04	0.09	0.13	0.15	0.21	0.34	0.36	0.37	0.39	0.40
Construction	0.00	0.02	0.05	0.10	0.15	0.21	0.26	0.31	0.38	0.43	0.45	0.46	0.48	0.50
Public administration	-0.02	-0.04	-0.04	-0.03	-0.01	0.02	0.05	0.05	0.09	0.19	0.20	0.22	0.23	0.24
Exports - total	-0.02	-0.05	-0.04	-0.02	0.01	0.06	0.09	0.11	0.15	0.30	0.31	0.32	0.33	0.35

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	-0.02	-0.03	-0.02	0.00	0.01	0.03	0.03	0.02	0.03	0.08	0.06	0.05	0.04	0.03
Manufacturing	-0.01	-0.03	-0.03	-0.02	-0.01	0.01	0.01	0.01	0.02	0.06	0.06	0.06	0.06	0.06
High-Tech Manufacturing	-0.02	-0.04	-0.04	-0.02	-0.01	0.01	0.03	0.02	0.04	0.09	0.09	0.09	0.09	0.09
Services	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
Construction	0.02	0.05	0.07	0.07	0.08	0.08	0.08	0.10	0.11	0.04	0.05	0.05	0.06	0.06
Public administration	0.00	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.09
Consumer price index	-0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.03

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	-0.02	-0.03	-0.01	0.01	0.02	0.04	0.04	0.03	0.04	0.08	0.05	0.02	0.01	0.00
Manufacturing	-0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.01	0.00	0.01	0.04	0.04	0.03	0.03	0.03
High-Tech Manufacturing	-0.01	-0.02	-0.03	-0.02	-0.01	-0.01	0.00	0.00	0.01	0.04	0.04	0.04	0.04	0.04
Services	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Construction	0.02	0.05	0.07	0.07	0.08	0.08	0.08	0.10	0.10	0.04	0.05	0.05	0.06	0.06
Public administration	0.00	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.09
Price index of total domestic production	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.01	0.01

Germany

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

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

Germany (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	2,451	2,451	2,467	4,951	2,482	2,485	17,285
Structural funds	0	0	0	2,451	2,451	2,467	4,951	2,482	2,485	17,285
<i>Productive environment</i>	0	0	0	767	767	772	1,550	777	778	5,410
Manufacturing	0	0	0	459	459	462	927	465	465	3,236
Services	0	0	0	308	308	310	623	312	313	2,175
<i>Human resources</i>	0	0	0	789	789	794	1,594	799	800	5,566
<i>Infrastructure</i>	0	0	0	890	890	895	1,797	901	902	6,275
<i>Rest (services)</i>	0	0	0	5	5	5	10	5	5	35
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	2,177	2,133	2,105	4,143	2,036	1,998	14,592
Structural funds	0	0	0	2,177	2,133	2,105	4,143	2,036	1,998	14,592
<i>Productive environment</i>	0	0	0	681	668	659	1,297	637	625	4,567
Manufacturing	0	0	0	407	399	394	775	381	374	2,732
Services	0	0	0	274	268	265	521	256	251	1,836
<i>Human resources</i>	0	0	0	701	687	678	1,334	656	643	4,699
<i>Infrastructure</i>	0	0	0	790	774	764	1,504	739	725	5,297
<i>Rest (services)</i>	0	0	0	4	4	4	8	4	4	29
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Structural funds	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Productive environment	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Manufacturing	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Services	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Human resources	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Infrastructure	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Rest (services)	0.0	0.0	0.0	14.9	14.6	14.4	28.4	14.0	13.7	100.0
Cohesion funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.02	0.06	0.10	0.16	0.23	0.28	0.32	0.33	0.35	0.36	0.38
Private consumption	0.00	0.00	0.00	0.03	0.05	0.07	0.12	0.15	0.18	0.19	0.20	0.21	0.22	0.23
Government consumption	0.00	0.00	0.00	0.03	0.06	0.10	0.16	0.21	0.25	0.28	0.30	0.31	0.32	0.34
Gross fixed investment	0.00	0.00	0.00	0.56	0.62	0.69	1.25	0.91	0.99	0.64	0.66	0.69	0.72	0.75
Exports	0.00	0.00	0.00	-0.10	-0.06	-0.02	-0.07	0.10	0.14	0.27	0.29	0.30	0.31	0.32
Imports	0.00	0.00	0.00	0.22	0.22	0.23	0.42	0.28	0.30	0.17	0.19	0.20	0.21	0.23

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	0.02	0.04	0.06	0.10	0.11	0.14	0.14	0.15	0.16	0.16	0.17
Number of unemployed	0.00	0.00	0.00	-0.20	-0.34	-0.49	-0.81	-0.96	-1.14	-1.19	-1.26	-1.32	-1.38	-1.45
Active population	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04
Unemployment rate (%)	8.20	8.20	8.20	8.18	8.17	8.16	8.13	8.12	8.10	8.10	8.09	8.09	8.08	8.08
Unemployment rate (% points difference with BAU)	0.00	0.00	0.00	-0.02	-0.03	-0.04	-0.07	-0.08	-0.10	-0.10	-0.11	-0.11	-0.12	-0.12

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	0.03	0.05	0.07	0.12	0.14	0.17	0.18	0.19	0.20	0.21	0.22
Household real consumption	0.00	0.00	0.00	0.03	0.05	0.07	0.12	0.15	0.18	0.19	0.20	0.21	0.22	0.23
Household real savings	0.00	0.00	0.00	0.05	0.05	0.05	0.09	0.07	0.08	0.07	0.07	0.07	0.07	0.08
Propensity to save (%)	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.90	9.90	9.90	9.90	9.90	9.89	9.89
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Real average wage	0.00	0.00	0.00	0.03	0.05	0.07	0.11	0.13	0.15	0.16	0.17	0.18	0.19	0.19
Real average return to capital	0.00	0.00	0.00	0.04	-0.01	-0.05	-0.07	-0.17	-0.21	-0.27	-0.29	-0.31	-0.33	-0.35

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	0.06	0.05	0.06	0.12	0.11	0.14	0.14	0.17	0.19	0.21	0.23
Manufacturing	0.00	0.00	0.00	0.05	0.06	0.08	0.14	0.14	0.17	0.16	0.18	0.19	0.20	0.21
High-Tech Manufacturing	0.00	0.00	0.00	0.06	0.07	0.08	0.14	0.13	0.15	0.14	0.15	0.16	0.17	0.18
Services	0.00	0.00	0.00	0.01	0.04	0.07	0.11	0.16	0.19	0.22	0.23	0.24	0.25	0.26
Construction	0.00	0.00	0.00	-0.08	-0.04	-0.01	-0.05	0.07	0.10	0.19	0.19	0.19	0.20	0.21
Public administration	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.09	0.11	0.14	0.15	0.16	0.17	0.18
Private consumption - total	0.00	0.00	0.00	0.03	0.05	0.07	0.12	0.15	0.18	0.19	0.20	0.21	0.22	0.23

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manufacturing	0.00	0.00	0.00	0.08	0.10	0.12	0.21	0.21	0.25	0.24	0.26	0.28	0.29	0.31
High-Tech Manufacturing	0.00	0.00	0.00	0.08	0.10	0.13	0.22	0.21	0.24	0.22	0.24	0.25	0.26	0.28
Services	0.00	0.00	0.00	0.02	0.07	0.11	0.17	0.24	0.29	0.32	0.34	0.35	0.36	0.38
Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Public administration	0.00	0.00	0.00	0.02	0.05	0.07	0.12	0.16	0.20	0.23	0.25	0.26	0.28	0.29
Public consumption - total	0.00	0.00	0.00	0.03	0.06	0.10	0.16	0.21	0.25	0.28	0.30	0.31	0.32	0.34

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	0.02	0.05	0.08	0.13	0.19	0.24	0.28	0.30	0.32	0.34	0.36
Manufacturing	0.00	0.00	0.00	0.04	0.08	0.11	0.19	0.22	0.27	0.28	0.30	0.31	0.32	0.34
High-Tech Manufacturing	0.00	0.00	0.00	0.10	0.14	0.19	0.32	0.32	0.37	0.35	0.36	0.38	0.39	0.41
Services	0.00	0.00	0.00	0.02	0.06	0.10	0.15	0.22	0.26	0.29	0.31	0.32	0.33	0.35
Construction	0.00	0.00	0.00	0.42	0.47	0.53	0.96	0.73	0.80	0.55	0.57	0.60	0.62	0.65
Public administration	0.00	0.00	0.00	0.02	0.05	0.08	0.13	0.17	0.21	0.24	0.25	0.27	0.28	0.30
Domestic sales - total	0.00	0.00	0.00	0.06	0.10	0.14	0.23	0.26	0.31	0.31	0.33	0.34	0.35	0.37

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	-0.03	-0.01	0.02	0.03	0.12	0.19	0.28	0.34	0.38	0.42	0.45
Manufacturing	0.00	0.00	0.00	-0.06	-0.01	0.04	0.04	0.18	0.23	0.34	0.35	0.37	0.39	0.40
High-Tech Manufacturing	0.00	0.00	0.00	-0.08	-0.03	0.02	0.00	0.17	0.22	0.34	0.35	0.36	0.36	0.38
Services	0.00	0.00	0.00	0.00	0.05	0.09	0.13	0.22	0.26	0.31	0.32	0.34	0.35	0.36
Construction	0.00	0.00	0.00	0.43	0.49	0.55	0.99	0.75	0.82	0.56	0.59	0.61	0.64	0.67
Public administration	0.00	0.00	0.00	0.02	0.05	0.08	0.13	0.17	0.21	0.24	0.25	0.27	0.28	0.30
Domestic production - total	0.00	0.00	0.00	0.00	0.05	0.09	0.14	0.23	0.28	0.33	0.34	0.36	0.37	0.39

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	-0.07	-0.03	0.01	-0.02	0.11	0.15	0.24	0.24	0.25	0.26	0.27
Manufacturing	0.00	0.00	0.00	-0.09	-0.06	-0.03	-0.07	0.05	0.08	0.17	0.18	0.19	0.20	0.21
High-Tech Manufacturing	0.00	0.00	0.00	-0.10	-0.08	-0.05	-0.13	0.01	0.04	0.15	0.16	0.16	0.17	0.18
Services	0.00	0.00	0.00	0.00	0.02	0.03	0.05	0.07	0.09	0.10	0.11	0.11	0.12	0.13
Construction	0.00	0.00	0.00	0.65	0.66	0.68	1.29	0.79	0.84	0.39	0.43	0.46	0.49	0.52
Public administration	0.00	0.00	0.00	0.03	0.05	0.07	0.11	0.13	0.16	0.16	0.17	0.18	0.18	0.19
Employment - total	0.00	0.00	0.00	0.02	0.04	0.06	0.10	0.11	0.14	0.14	0.15	0.16	0.16	0.17

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	-0.11	0.09	0.25	0.28	0.66	0.73	0.89	0.81	0.77	0.75	0.75
Manufacturing	0.00	0.00	0.00	0.32	0.41	0.50	0.87	0.76	0.84	0.68	0.69	0.71	0.73	0.76
High-Tech Manufacturing	0.00	0.00	0.00	0.42	0.48	0.55	0.98	0.76	0.83	0.59	0.62	0.64	0.67	0.70
Services	0.00	0.00	0.00	0.57	0.62	0.68	1.25	0.88	0.96	0.60	0.62	0.65	0.68	0.71
Construction	0.00	0.00	0.00	2.09	2.00	1.98	3.84	2.09	2.22	0.75	0.93	1.07	1.19	1.29
Public administration	0.00	0.00	0.00	0.09	0.19	0.28	0.44	0.55	0.64	0.68	0.70	0.72	0.74	0.77
Total investments - total	0.00	0.00	0.00	0.53	0.59	0.65	1.19	0.87	0.94	0.62	0.64	0.67	0.70	0.73

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	0.12	0.18	0.22	0.34	0.33	0.32	0.24	0.18	0.15	0.13	0.12
Manufacturing	0.00	0.00	0.00	0.19	0.19	0.19	0.36	0.23	0.25	0.14	0.15	0.16	0.17	0.18
High-Tech Manufacturing	0.00	0.00	0.00	0.24	0.26	0.28	0.51	0.36	0.39	0.26	0.28	0.30	0.32	0.34
Services	0.00	0.00	0.00	0.22	0.19	0.18	0.35	0.16	0.17	0.03	0.05	0.07	0.08	0.09
Construction	0.00	0.00	0.00	0.78	0.77	0.78	1.47	0.86	0.91	0.38	0.42	0.46	0.50	0.53
Public administration	0.00	0.00	0.00	0.21	0.21	0.22	0.41	0.27	0.29	0.18	0.19	0.21	0.22	0.24
Imports - total	0.00	0.00	0.00	0.22	0.22	0.23	0.42	0.28	0.30	0.17	0.19	0.20	0.21	0.23

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	-0.07	-0.08	-0.06	-0.10	-0.01	0.05	0.18	0.25	0.31	0.36	0.40
Manufacturing	0.00	0.00	0.00	-0.10	-0.06	-0.03	-0.08	0.08	0.13	0.26	0.28	0.30	0.32	0.33
High-Tech Manufacturing	0.00	0.00	0.00	-0.10	-0.06	-0.02	-0.08	0.09	0.13	0.27	0.28	0.29	0.29	0.30
Services	0.00	0.00	0.00	-0.09	-0.04	0.00	-0.03	0.14	0.19	0.32	0.33	0.34	0.36	0.37
Construction	0.00	0.00	0.00	0.01	0.07	0.13	0.20	0.30	0.36	0.41	0.42	0.43	0.45	0.47
Public administration	0.00	0.00	0.00	-0.08	-0.06	-0.03	-0.08	0.04	0.07	0.17	0.18	0.19	0.21	0.22
Exports - total	0.00	0.00	0.00	-0.10	-0.06	-0.02	-0.07	0.10	0.14	0.27	0.29	0.30	0.31	0.32

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	-0.06	-0.02	0.00	-0.03	0.05	0.05	0.09	0.07	0.05	0.04	0.03
Manufacturing	0.00	0.00	0.00	-0.05	-0.03	-0.02	-0.05	0.01	0.02	0.06	0.06	0.06	0.05	0.05
High-Tech Manufacturing	0.00	0.00	0.00	-0.06	-0.04	-0.02	-0.05	0.02	0.04	0.09	0.09	0.09	0.09	0.09
Services	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
Construction	0.00	0.00	0.00	0.09	0.08	0.08	0.16	0.09	0.09	0.03	0.04	0.05	0.05	0.06
Public administration	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.07	0.08	0.09	0.09	0.09	0.09	0.09
Consumer price index	0.00	0.00	0.00	-0.03	-0.02	-0.01	-0.03	0.00	0.01	0.03	0.03	0.03	0.02	0.02

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	-0.06	-0.01	0.02	-0.01	0.08	0.07	0.10	0.06	0.03	0.01	0.00
Manufacturing	0.00	0.00	0.00	-0.04	-0.02	-0.02	-0.04	0.01	0.01	0.04	0.04	0.03	0.03	0.03
High-Tech Manufacturing	0.00	0.00	0.00	-0.04	-0.03	-0.02	-0.05	0.00	0.00	0.04	0.04	0.04	0.04	0.04
Services	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Construction	0.00	0.00	0.00	0.08	0.08	0.08	0.16	0.08	0.09	0.03	0.04	0.04	0.05	0.05
Public administration	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.07	0.08	0.09	0.09	0.09	0.08	0.09
Price index of total domestic production	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01

Germany

Scenario: Programming prices scenario

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

Germany (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	2,451	2,451	2,467	2,473	2,478	2,482	2,485	0	0	17,285
Structural funds	2,451	2,451	2,467	2,473	2,478	2,482	2,485	0	0	17,285
<i>Productive environment</i>	767	767	772	774	776	777	778	0	0	5,410
Manufacturing	459	459	462	463	464	465	465	0	0	3,236
Services	308	308	310	311	312	312	313	0	0	2,175
<i>Human resources</i>	789	789	794	796	798	799	800	0	0	5,566
<i>Infrastructure</i>	890	890	895	898	899	901	902	0	0	6,275
<i>Rest (services)</i>	5	5	5	5	5	5	5	0	0	35
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	2,310	2,264	2,234	2,196	2,157	2,118	2,079	0	0	15,358
Structural funds	2,310	2,264	2,234	2,196	2,157	2,118	2,079	0	0	15,358
<i>Productive environment</i>	723	709	699	687	675	663	651	0	0	4,807
Manufacturing	432	424	418	411	404	396	389	0	0	2,875
Services	291	285	281	276	271	266	262	0	0	1,932
<i>Human resources</i>	744	729	719	707	695	682	669	0	0	4,945
<i>Infrastructure</i>	839	822	811	797	783	769	755	0	0	5,575
<i>Rest (services)</i>	5	5	4	4	4	4	4	0	0	31
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Structural funds	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Productive environment	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Manufacturing	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Services	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Human resources	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Infrastructure	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Rest (services)	15.0	14.7	14.5	14.3	14.0	13.8	13.5	0.0	0.0	100.0
Cohesion funds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.02	0.07	0.12	0.17	0.22	0.27	0.32	0.36	0.38	0.39	0.41	0.42	0.44	0.45
Private consumption	0.04	0.06	0.09	0.11	0.14	0.17	0.20	0.21	0.22	0.23	0.25	0.26	0.27	0.28
Government consumption	0.04	0.07	0.11	0.15	0.20	0.24	0.29	0.32	0.33	0.35	0.36	0.38	0.39	0.41
Gross fixed investment	0.65	0.71	0.78	0.85	0.93	1.01	1.10	0.71	0.74	0.78	0.81	0.84	0.88	0.91
Exports	-0.10	-0.06	-0.02	0.02	0.07	0.12	0.16	0.30	0.32	0.33	0.34	0.36	0.37	0.39
Imports	0.28	0.26	0.26	0.27	0.28	0.30	0.32	0.17	0.19	0.21	0.22	0.24	0.26	0.27

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	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.21
Number of unemployed	-0.26	-0.41	-0.57	-0.74	-0.91	-1.10	-1.29	-1.34	-1.41	-1.48	-1.55	-1.61	-1.68	-1.75
Active population	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05
Unemployment rate (%)	8.18	8.17	8.15	8.14	8.12	8.11	8.09	8.09	8.08	8.08	8.07	8.06	8.06	8.05
Unemployment rate (% points difference with BAU)	-0.02	-0.03	-0.05	-0.06	-0.08	-0.09	-0.11	-0.11	-0.12	-0.12	-0.13	-0.14	-0.14	-0.15

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	0.04	0.06	0.08	0.11	0.13	0.16	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26
Household real consumption	0.04	0.06	0.09	0.11	0.14	0.17	0.20	0.21	0.22	0.23	0.25	0.26	0.27	0.28
Household real savings	0.06	0.06	0.06	0.06	0.07	0.08	0.09	0.07	0.07	0.07	0.07	0.08	0.08	0.08
Propensity to save (%)	9.91	9.91	9.91	9.90	9.90	9.90	9.90	9.89	9.89	9.89	9.89	9.89	9.89	9.89
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.02
Real average wage	0.04	0.05	0.08	0.10	0.12	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24
Real average return to capital	0.06	0.00	-0.06	-0.11	-0.16	-0.21	-0.26	-0.33	-0.35	-0.37	-0.39	-0.41	-0.42	-0.45

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	0.07	0.07	0.07	0.09	0.11	0.14	0.17	0.16	0.19	0.22	0.24	0.26	0.27	0.29
Manufacturing	0.06	0.07	0.09	0.11	0.13	0.16	0.19	0.18	0.19	0.21	0.22	0.23	0.24	0.25
High-Tech Manufacturing	0.08	0.08	0.10	0.11	0.13	0.15	0.17	0.15	0.16	0.17	0.18	0.19	0.20	0.21
Services	0.01	0.05	0.08	0.11	0.15	0.18	0.22	0.25	0.26	0.27	0.28	0.29	0.30	0.31
Construction	-0.08	-0.05	-0.01	0.02	0.05	0.08	0.11	0.21	0.21	0.22	0.22	0.23	0.24	0.25
Public administration	0.01	0.03	0.04	0.06	0.09	0.11	0.13	0.16	0.17	0.18	0.19	0.20	0.21	0.22
Private consumption - total	0.04	0.06	0.08	0.11	0.14	0.17	0.20	0.22	0.23	0.24	0.25	0.26	0.27	0.28

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manufacturing	0.10	0.12	0.14	0.17	0.21	0.24	0.28	0.27	0.29	0.30	0.32	0.34	0.36	0.37
High-Tech Manufacturing	0.11	0.12	0.15	0.17	0.20	0.23	0.26	0.24	0.26	0.27	0.29	0.30	0.32	0.33
Services	0.03	0.08	0.13	0.18	0.23	0.28	0.33	0.36	0.38	0.39	0.41	0.42	0.44	0.46
Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Public administration	0.03	0.06	0.09	0.12	0.16	0.20	0.24	0.26	0.28	0.30	0.31	0.33	0.34	0.35
Public consumption - total	0.04	0.07	0.11	0.15	0.20	0.24	0.29	0.32	0.33	0.35	0.36	0.38	0.39	0.41

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	0.02	0.06	0.09	0.14	0.18	0.23	0.28	0.32	0.34	0.36	0.38	0.40	0.42	0.44
Manufacturing	0.05	0.09	0.13	0.17	0.21	0.26	0.30	0.32	0.33	0.35	0.36	0.38	0.39	0.41
High-Tech Manufacturing	0.13	0.17	0.22	0.26	0.31	0.37	0.42	0.39	0.41	0.42	0.44	0.46	0.47	0.49
Services	0.03	0.07	0.11	0.16	0.20	0.25	0.30	0.33	0.35	0.36	0.37	0.39	0.40	0.42
Construction	0.48	0.54	0.60	0.67	0.74	0.81	0.89	0.62	0.64	0.67	0.70	0.73	0.76	0.79
Public administration	0.03	0.06	0.09	0.13	0.17	0.21	0.25	0.27	0.29	0.30	0.32	0.33	0.35	0.36
Domestic sales - total	0.07	0.11	0.16	0.20	0.25	0.30	0.35	0.35	0.37	0.38	0.40	0.41	0.43	0.45

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	-0.03	-0.02	0.02	0.07	0.13	0.19	0.26	0.35	0.41	0.45	0.49	0.52	0.54	0.57
Manufacturing	-0.07	-0.01	0.04	0.10	0.16	0.22	0.28	0.39	0.41	0.42	0.44	0.46	0.47	0.49
High-Tech Manufacturing	-0.09	-0.03	0.03	0.08	0.14	0.19	0.25	0.38	0.39	0.40	0.41	0.42	0.43	0.45
Services	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.37	0.38	0.39	0.41	0.42	0.44
Construction	0.50	0.56	0.63	0.69	0.77	0.84	0.92	0.63	0.66	0.69	0.72	0.74	0.77	0.81
Public administration	0.03	0.06	0.09	0.13	0.16	0.20	0.24	0.27	0.29	0.30	0.32	0.33	0.35	0.36
Domestic production - total	0.00	0.05	0.11	0.16	0.21	0.26	0.32	0.38	0.39	0.40	0.42	0.43	0.45	0.47

Table 43: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.09	-0.04	0.01	0.05	0.10	0.14	0.18	0.27	0.28	0.29	0.30	0.31	0.32	0.33
Manufacturing	-0.10	-0.06	-0.03	0.00	0.04	0.07	0.10	0.20	0.21	0.22	0.23	0.24	0.24	0.25
High-Tech Manufacturing	-0.11	-0.09	-0.06	-0.03	-0.01	0.02	0.05	0.17	0.17	0.18	0.19	0.20	0.21	0.22
Services	0.01	0.02	0.03	0.05	0.07	0.08	0.10	0.12	0.12	0.13	0.13	0.14	0.15	0.15
Construction	0.76	0.76	0.78	0.80	0.84	0.88	0.93	0.44	0.48	0.51	0.54	0.57	0.60	0.63
Public administration	0.03	0.06	0.08	0.10	0.13	0.15	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.23
Employment - total	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.21

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	-0.13	0.11	0.29	0.44	0.56	0.67	0.78	0.97	0.89	0.85	0.83	0.83	0.84	0.86
Manufacturing	0.37	0.47	0.57	0.66	0.76	0.85	0.94	0.76	0.78	0.80	0.82	0.85	0.88	0.91
High-Tech Manufacturing	0.50	0.56	0.62	0.69	0.77	0.85	0.93	0.66	0.69	0.72	0.75	0.78	0.81	0.84
Services	0.66	0.71	0.78	0.84	0.91	0.99	1.07	0.67	0.70	0.73	0.76	0.80	0.83	0.86
Construction	2.43	2.29	2.25	2.26	2.31	2.40	2.50	0.87	1.06	1.21	1.33	1.44	1.53	1.62
Public administration	0.12	0.22	0.32	0.42	0.51	0.62	0.72	0.76	0.78	0.80	0.83	0.86	0.89	0.92
Total investments - total	0.62	0.68	0.74	0.82	0.89	0.97	1.05	0.69	0.72	0.75	0.78	0.82	0.85	0.88

Table 45: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.16	0.22	0.25	0.27	0.29	0.29	0.30	0.22	0.17	0.13	0.12	0.11	0.11	0.11
Manufacturing	0.24	0.23	0.22	0.23	0.23	0.24	0.26	0.13	0.14	0.16	0.17	0.18	0.20	0.21
High-Tech Manufacturing	0.30	0.30	0.32	0.34	0.37	0.40	0.43	0.28	0.30	0.32	0.34	0.37	0.39	0.41
Services	0.29	0.24	0.21	0.19	0.17	0.17	0.17	0.01	0.03	0.05	0.06	0.08	0.09	0.11
Construction	0.93	0.89	0.89	0.90	0.92	0.95	0.99	0.40	0.45	0.50	0.54	0.57	0.61	0.65
Public administration	0.28	0.26	0.26	0.26	0.27	0.29	0.31	0.17	0.19	0.21	0.23	0.24	0.26	0.28
Imports - total	0.28	0.26	0.26	0.27	0.28	0.30	0.32	0.17	0.19	0.21	0.22	0.24	0.26	0.27

Table 46: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.07	-0.08	-0.06	-0.03	0.01	0.05	0.11	0.23	0.31	0.36	0.41	0.45	0.49	0.52
Manufacturing	-0.10	-0.06	-0.03	0.02	0.06	0.11	0.16	0.30	0.32	0.34	0.35	0.37	0.39	0.41
High-Tech Manufacturing	-0.10	-0.06	-0.02	0.02	0.06	0.11	0.15	0.29	0.30	0.31	0.32	0.34	0.35	0.36
Services	-0.10	-0.05	0.00	0.06	0.11	0.16	0.22	0.36	0.37	0.38	0.40	0.42	0.44	0.45
Construction	0.00	0.06	0.13	0.19	0.26	0.32	0.39	0.44	0.45	0.47	0.49	0.51	0.54	0.56
Public administration	-0.09	-0.06	-0.03	0.00	0.03	0.06	0.09	0.20	0.21	0.22	0.24	0.25	0.26	0.27
Exports - total	-0.10	-0.06	-0.02	0.02	0.07	0.12	0.16	0.30	0.32	0.33	0.34	0.36	0.37	0.39

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	-0.08	-0.03	0.00	0.02	0.03	0.04	0.05	0.10	0.07	0.06	0.04	0.04	0.03	0.02
Manufacturing	-0.06	-0.04	-0.02	-0.01	0.01	0.02	0.03	0.08	0.07	0.07	0.07	0.07	0.06	0.06
High-Tech Manufacturing	-0.08	-0.05	-0.03	0.00	0.02	0.03	0.05	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Services	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Construction	0.10	0.09	0.09	0.10	0.10	0.10	0.11	0.04	0.05	0.06	0.06	0.06	0.07	0.07
Public administration	-0.01	0.01	0.03	0.05	0.06	0.07	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Consumer price index	-0.03	-0.02	-0.01	-0.01	0.00	0.01	0.01	0.04	0.03	0.03	0.03	0.03	0.03	0.03

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	-0.07	-0.01	0.02	0.04	0.05	0.06	0.06	0.10	0.06	0.03	0.01	0.00	-0.01	-0.02
Manufacturing	-0.05	-0.03	-0.02	-0.01	0.00	0.01	0.01	0.05	0.04	0.04	0.04	0.04	0.03	0.03
High-Tech Manufacturing	-0.05	-0.04	-0.02	-0.01	-0.01	0.00	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Services	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Construction	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.04	0.05	0.05	0.06	0.06	0.07	0.07
Public administration	-0.01	0.01	0.03	0.05	0.06	0.07	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Price index of total domestic production	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Germany

Scenario: Lisbon scenario

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

Germany (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	563	1,420	1,893	2,002	2,133	2,012	1,963	2,650	2,650	17,285
Structural funds	563	1,420	1,893	2,002	2,133	2,012	1,963	2,650	2,650	17,285
<i>Productive environment</i>	190	480	640	677	721	680	664	896	896	5,842
Manufacturing	114	287	383	405	431	407	397	536	536	3,494
Services	76	193	257	272	290	273	267	360	360	2,348
<i>Human resources</i>	195	493	657	695	740	698	681	919	919	5,998
<i>Infrastructure</i>	176	444	593	626	668	630	615	829	829	5,410
<i>Rest (services)</i>	1	3	4	4	4	4	4	5	5	35
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	530	1,312	1,715	1,777	1,857	1,717	1,643	2,174	2,131	14,856
Structural funds	530	1,312	1,715	1,777	1,857	1,717	1,643	2,174	2,131	14,856
<i>Productive environment</i>	179	443	580	601	628	580	555	735	720	5,021
Manufacturing	107	265	347	359	375	347	332	439	431	3,003
Services	72	178	233	241	252	233	223	295	290	2,018
<i>Human resources</i>	184	455	595	617	644	596	570	754	740	5,155
<i>Infrastructure</i>	166	411	537	556	581	537	514	680	667	4,650
<i>Rest (services)</i>	1	3	3	4	4	3	3	4	4	30
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (% 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.00	0.02	0.05	0.09	0.13	0.17	0.21	0.25	0.30	0.34	0.35	0.37	0.38	0.40
Private consumption	0.01	0.03	0.04	0.06	0.09	0.11	0.13	0.16	0.19	0.20	0.21	0.22	0.23	0.24
Government consumption	0.01	0.03	0.05	0.08	0.12	0.15	0.19	0.23	0.27	0.30	0.31	0.33	0.34	0.36
Gross fixed investment	0.15	0.38	0.53	0.60	0.69	0.72	0.78	0.97	1.05	0.68	0.70	0.73	0.76	0.80
Exports	-0.02	-0.05	-0.04	-0.02	0.01	0.05	0.09	0.10	0.15	0.29	0.30	0.32	0.33	0.34
Imports	0.06	0.15	0.19	0.20	0.22	0.22	0.23	0.30	0.32	0.18	0.20	0.21	0.23	0.24

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	0.01	0.02	0.04	0.05	0.07	0.08	0.10	0.12	0.14	0.15	0.16	0.17	0.17	0.18
Number of unemployed	-0.06	-0.18	-0.30	-0.43	-0.57	-0.71	-0.85	-1.03	-1.22	-1.27	-1.33	-1.40	-1.46	-1.53
Active population	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04
Unemployment rate (%)	8.19	8.19	8.17	8.16	8.15	8.14	8.13	8.11	8.10	8.09	8.09	8.08	8.08	8.07
Unemployment rate (% points difference with BAU)	-0.01	-0.01	-0.03	-0.04	-0.05	-0.06	-0.07	-0.09	-0.10	-0.11	-0.11	-0.12	-0.12	-0.13

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	0.01	0.03	0.04	0.06	0.08	0.10	0.12	0.15	0.18	0.19	0.20	0.21	0.22	0.23
Household real consumption	0.01	0.03	0.04	0.06	0.09	0.11	0.13	0.16	0.19	0.20	0.21	0.22	0.23	0.24
Household real savings	0.01	0.03	0.04	0.04	0.05	0.05	0.06	0.07	0.08	0.07	0.07	0.07	0.07	0.07
Propensity to save (%)	9.91	9.91	9.91	9.91	9.90	9.90	9.90	9.90	9.90	9.90	9.89	9.89	9.89	9.89
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02
Real average wage	0.01	0.02	0.04	0.06	0.08	0.09	0.11	0.14	0.16	0.17	0.18	0.19	0.20	0.21
Real average return to capital	0.01	0.02	-0.01	-0.05	-0.08	-0.13	-0.17	-0.20	-0.24	-0.31	-0.33	-0.34	-0.36	-0.38

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	0.02	0.04	0.05	0.06	0.07	0.09	0.11	0.14	0.17	0.16	0.18	0.21	0.23	0.24
Manufacturing	0.01	0.04	0.06	0.07	0.09	0.11	0.12	0.15	0.18	0.18	0.19	0.20	0.21	0.22
High-Tech Manufacturing	0.02	0.04	0.06	0.07	0.09	0.10	0.11	0.14	0.16	0.15	0.16	0.17	0.18	0.19
Services	0.00	0.02	0.04	0.06	0.09	0.11	0.14	0.17	0.20	0.23	0.24	0.25	0.26	0.27
Construction	-0.02	-0.04	-0.03	-0.01	0.01	0.04	0.06	0.07	0.10	0.20	0.20	0.20	0.21	0.22
Public administration	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.10	0.13	0.15	0.16	0.17	0.18	0.19
Private consumption - total	0.01	0.02	0.04	0.06	0.09	0.11	0.13	0.16	0.19	0.21	0.22	0.23	0.24	0.25

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manufacturing	0.02	0.06	0.09	0.11	0.14	0.16	0.19	0.24	0.27	0.26	0.28	0.29	0.31	0.33
High-Tech Manufacturing	0.03	0.06	0.09	0.11	0.14	0.16	0.18	0.22	0.26	0.24	0.25	0.27	0.28	0.29
Services	0.01	0.03	0.06	0.09	0.13	0.17	0.21	0.25	0.30	0.34	0.35	0.37	0.38	0.40
Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Public administration	0.01	0.02	0.04	0.06	0.09	0.12	0.15	0.18	0.22	0.25	0.26	0.28	0.29	0.30
Public consumption - total	0.01	0.03	0.05	0.08	0.12	0.15	0.19	0.23	0.27	0.30	0.31	0.33	0.34	0.36

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	0.01	0.02	0.04	0.07	0.11	0.14	0.18	0.22	0.26	0.30	0.32	0.34	0.36	0.38
Manufacturing	0.01	0.04	0.07	0.10	0.13	0.17	0.20	0.24	0.29	0.30	0.32	0.33	0.34	0.36
High-Tech Manufacturing	0.03	0.08	0.13	0.17	0.21	0.24	0.28	0.35	0.40	0.37	0.39	0.40	0.42	0.43
Services	0.01	0.02	0.05	0.08	0.12	0.16	0.19	0.23	0.28	0.31	0.32	0.34	0.35	0.36
Construction	0.11	0.28	0.40	0.47	0.54	0.57	0.62	0.78	0.85	0.58	0.61	0.63	0.66	0.69
Public administration	0.01	0.02	0.04	0.07	0.10	0.13	0.16	0.19	0.23	0.25	0.27	0.28	0.30	0.31
Domestic sales - total	0.02	0.05	0.08	0.12	0.16	0.19	0.23	0.28	0.33	0.33	0.35	0.36	0.37	0.39

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	-0.01	-0.02	-0.01	0.02	0.05	0.09	0.14	0.19	0.24	0.32	0.37	0.42	0.45	0.48
Manufacturing	-0.02	-0.03	-0.01	0.03	0.07	0.12	0.17	0.20	0.26	0.36	0.38	0.39	0.41	0.43
High-Tech Manufacturing	-0.02	-0.04	-0.02	0.02	0.06	0.11	0.15	0.18	0.23	0.36	0.37	0.38	0.39	0.40
Services	0.00	0.01	0.04	0.08	0.11	0.15	0.19	0.23	0.28	0.33	0.34	0.35	0.37	0.38
Construction	0.12	0.30	0.42	0.48	0.56	0.59	0.64	0.80	0.88	0.60	0.62	0.65	0.68	0.70
Public administration	0.01	0.02	0.04	0.07	0.10	0.12	0.15	0.19	0.23	0.25	0.27	0.28	0.30	0.31
Domestic production - total	0.00	0.01	0.04	0.08	0.12	0.16	0.20	0.24	0.30	0.35	0.36	0.38	0.39	0.41

Table 59: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.02	-0.04	-0.03	0.01	0.04	0.07	0.11	0.12	0.16	0.25	0.26	0.27	0.27	0.28
Manufacturing	-0.02	-0.05	-0.05	-0.03	-0.01	0.02	0.05	0.05	0.08	0.18	0.19	0.20	0.21	0.22
High-Tech Manufacturing	-0.03	-0.06	-0.06	-0.05	-0.04	-0.01	0.01	0.01	0.04	0.16	0.16	0.17	0.18	0.19
Services	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.11	0.12	0.12	0.13	0.13
Construction	0.17	0.43	0.56	0.60	0.66	0.66	0.68	0.86	0.91	0.42	0.46	0.49	0.52	0.55
Public administration	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.17	0.18	0.19	0.19	0.20
Employment - total	0.01	0.02	0.04	0.05	0.07	0.08	0.10	0.12	0.14	0.15	0.16	0.17	0.17	0.18

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	-0.03	-0.02	0.08	0.21	0.32	0.43	0.52	0.57	0.69	0.89	0.82	0.79	0.77	0.78
Manufacturing	0.09	0.25	0.37	0.45	0.54	0.60	0.66	0.81	0.90	0.69	0.72	0.74	0.76	0.79
High-Tech Manufacturing	0.12	0.32	0.44	0.51	0.58	0.62	0.67	0.83	0.91	0.61	0.64	0.67	0.70	0.73
Services	0.15	0.38	0.52	0.59	0.67	0.71	0.75	0.94	1.02	0.64	0.67	0.70	0.72	0.76
Construction	0.56	1.33	1.70	1.75	1.86	1.80	1.83	2.40	2.48	0.87	1.04	1.17	1.28	1.37
Public administration	0.03	0.09	0.16	0.24	0.32	0.40	0.47	0.57	0.67	0.71	0.73	0.76	0.78	0.81
Total investments - total	0.14	0.36	0.50	0.57	0.66	0.69	0.74	0.93	1.01	0.65	0.68	0.71	0.74	0.77

Table 61: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.04	0.10	0.16	0.19	0.22	0.23	0.23	0.26	0.29	0.22	0.17	0.15	0.13	0.12
Manufacturing	0.06	0.13	0.16	0.17	0.18	0.18	0.19	0.24	0.26	0.14	0.15	0.16	0.18	0.19
High-Tech Manufacturing	0.07	0.17	0.22	0.24	0.27	0.28	0.31	0.39	0.42	0.28	0.30	0.32	0.34	0.36
Services	0.07	0.15	0.17	0.16	0.16	0.14	0.14	0.19	0.19	0.05	0.06	0.08	0.09	0.10
Construction	0.21	0.51	0.66	0.69	0.74	0.72	0.73	0.95	0.99	0.41	0.46	0.49	0.53	0.56
Public administration	0.06	0.15	0.19	0.20	0.21	0.22	0.23	0.29	0.31	0.19	0.20	0.22	0.24	0.25
Imports - total	0.06	0.15	0.19	0.20	0.22	0.22	0.23	0.30	0.32	0.18	0.20	0.21	0.23	0.24

Table 62: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.02	-0.04	-0.06	-0.05	-0.03	0.00	0.04	0.06	0.11	0.22	0.29	0.34	0.39	0.43
Manufacturing	-0.02	-0.05	-0.05	-0.02	0.01	0.05	0.09	0.10	0.15	0.29	0.30	0.32	0.34	0.35
High-Tech Manufacturing	-0.02	-0.05	-0.05	-0.02	0.01	0.05	0.09	0.10	0.14	0.28	0.29	0.30	0.31	0.32
Services	-0.02	-0.04	-0.03	0.00	0.03	0.08	0.13	0.15	0.20	0.33	0.34	0.36	0.38	0.39
Construction	0.00	0.02	0.05	0.10	0.15	0.20	0.25	0.31	0.37	0.42	0.43	0.45	0.47	0.49
Public administration	-0.02	-0.04	-0.05	-0.03	-0.01	0.01	0.04	0.05	0.08	0.18	0.19	0.20	0.22	0.23
Exports - total	-0.02	-0.05	-0.04	-0.02	0.01	0.05	0.09	0.10	0.15	0.29	0.30	0.32	0.33	0.34

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	-0.02	-0.03	-0.02	0.00	0.01	0.02	0.03	0.02	0.03	0.08	0.06	0.05	0.04	0.03
Manufacturing	-0.01	-0.03	-0.03	-0.02	-0.01	0.00	0.01	0.01	0.02	0.06	0.06	0.06	0.06	0.05
High-Tech Manufacturing	-0.02	-0.04	-0.04	-0.02	-0.01	0.01	0.02	0.02	0.04	0.09	0.09	0.09	0.09	0.09
Services	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
Construction	0.02	0.05	0.07	0.07	0.08	0.08	0.08	0.10	0.11	0.04	0.05	0.05	0.06	0.06
Public administration	0.00	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.09
Consumer price index	-0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.03	0.02

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	-0.02	-0.03	-0.01	0.01	0.02	0.04	0.04	0.03	0.04	0.08	0.05	0.03	0.01	0.00
Manufacturing	-0.01	-0.02	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.00	0.04	0.03	0.03	0.03	0.03
High-Tech Manufacturing	-0.01	-0.02	-0.03	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04
Services	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Construction	0.02	0.05	0.07	0.07	0.08	0.07	0.08	0.10	0.10	0.04	0.04	0.05	0.05	0.06
Public administration	0.00	0.00	0.01	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.09
Price index of total domestic production	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.01

Germany

Scenario: Co-financing scenario

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

Germany (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	563	1,420	1,893	2,002	2,133	2,012	1,963	2,650	2,650	17,285
Structural funds	563	1,420	1,893	2,002	2,133	2,012	1,963	2,650	2,650	17,285
<i>Productive environment</i>	176	444	593	626	668	630	615	829	829	5,410
Manufacturing	105	266	354	375	399	377	368	496	496	3,236
Services	71	179	238	252	268	253	247	333	333	2,175
<i>Human resources</i>	181	457	610	645	687	648	632	853	853	5,566
<i>Infrastructure</i>	204	515	687	727	774	730	713	962	962	6,275
<i>Rest (services)</i>	1	3	4	4	4	4	4	5	5	35
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	530	1,312	1,715	1,777	1,857	1,717	1,643	2,174	2,131	14,856
Structural funds	530	1,312	1,715	1,777	1,857	1,717	1,643	2,174	2,131	14,856
<i>Productive environment</i>	166	411	537	556	581	537	514	680	667	4,650
Manufacturing	99	246	321	333	348	321	308	407	399	2,781
Services	67	165	216	224	234	216	207	273	268	1,869
<i>Human resources</i>	171	422	552	572	598	553	529	700	686	4,784
<i>Infrastructure</i>	192	476	622	645	674	623	596	789	774	5,393
<i>Rest (services)</i>	1	3	3	4	4	3	3	4	4	30
Cohesion funds	0	0	0	0	0	0	0	0	0	0

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

Germany (% 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.00	0.02	0.06	0.11	0.16	0.21	0.26	0.31	0.38	0.43	0.45	0.46	0.48	0.50
Private consumption	0.00	0.00	0.02	0.05	0.07	0.11	0.14	0.17	0.21	0.27	0.28	0.29	0.31	0.32
Government consumption	0.01	0.03	0.06	0.10	0.14	0.19	0.23	0.28	0.34	0.38	0.40	0.41	0.43	0.45
Gross fixed investment	0.18	0.46	0.64	0.74	0.84	0.88	0.95	1.18	1.28	0.81	0.85	0.88	0.92	0.95
Exports	-0.02	-0.05	-0.03	0.00	0.04	0.09	0.14	0.16	0.22	0.37	0.38	0.40	0.41	0.43
Imports	0.06	0.15	0.20	0.21	0.23	0.24	0.26	0.33	0.36	0.23	0.25	0.27	0.28	0.30

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	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.15	0.18	0.19	0.20	0.21	0.22	0.23
Number of unemployed	-0.07	-0.22	-0.38	-0.54	-0.72	-0.89	-1.07	-1.30	-1.54	-1.59	-1.67	-1.74	-1.82	-1.89
Active population	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.05
Unemployment rate (%)	8.19	8.18	8.17	8.15	8.14	8.13	8.11	8.09	8.07	8.07	8.06	8.05	8.05	8.04
Unemployment rate (% points difference with BAU)	-0.01	-0.02	-0.03	-0.05	-0.06	-0.07	-0.09	-0.11	-0.13	-0.13	-0.14	-0.15	-0.15	-0.16

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	0.01	0.03	0.05	0.07	0.10	0.12	0.15	0.19	0.22	0.24	0.25	0.26	0.28	0.29
Household real consumption	0.00	0.00	0.02	0.05	0.07	0.11	0.14	0.17	0.21	0.27	0.28	0.29	0.31	0.32
Household real savings	0.00	-0.01	-0.01	0.00	0.01	0.03	0.04	0.05	0.07	0.12	0.12	0.13	0.13	0.13
Propensity to save (%)	9.91	9.91	9.91	9.90	9.90	9.90	9.90	9.90	9.90	9.89	9.89	9.89	9.89	9.89
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02
Real average wage	0.01	0.03	0.05	0.07	0.10	0.12	0.14	0.17	0.21	0.21	0.22	0.24	0.25	0.26
Real average return to capital	0.01	0.01	-0.02	-0.07	-0.11	-0.16	-0.20	-0.24	-0.29	-0.35	-0.37	-0.39	-0.41	-0.43

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	0.01	0.01	0.02	0.03	0.05	0.07	0.10	0.14	0.17	0.21	0.24	0.27	0.30	0.32
Manufacturing	0.00	0.01	0.03	0.05	0.07	0.10	0.13	0.16	0.19	0.24	0.25	0.26	0.28	0.29
High-Tech Manufacturing	0.01	0.02	0.03	0.05	0.07	0.09	0.11	0.14	0.17	0.20	0.22	0.23	0.24	0.25
Services	-0.01	-0.01	0.01	0.04	0.08	0.12	0.16	0.18	0.23	0.31	0.32	0.33	0.34	0.35
Construction	-0.04	-0.08	-0.08	-0.05	-0.02	0.02	0.06	0.06	0.10	0.27	0.27	0.27	0.28	0.29
Public administration	-0.01	-0.02	-0.01	0.01	0.03	0.05	0.08	0.10	0.13	0.20	0.22	0.23	0.24	0.25
Private consumption - total	0.00	0.00	0.02	0.05	0.07	0.11	0.14	0.17	0.21	0.27	0.29	0.30	0.31	0.32

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manufacturing	0.02	0.06	0.09	0.12	0.16	0.19	0.23	0.28	0.33	0.33	0.35	0.37	0.39	0.41
High-Tech Manufacturing	0.02	0.06	0.09	0.12	0.15	0.18	0.21	0.26	0.31	0.30	0.32	0.34	0.35	0.37
Services	0.01	0.03	0.07	0.12	0.17	0.22	0.26	0.32	0.38	0.43	0.45	0.46	0.48	0.50
Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Public administration	0.01	0.02	0.04	0.08	0.11	0.15	0.18	0.23	0.27	0.32	0.33	0.35	0.37	0.39
Public consumption - total	0.01	0.03	0.06	0.10	0.14	0.19	0.23	0.28	0.34	0.38	0.40	0.41	0.43	0.45

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	0.00	0.02	0.04	0.08	0.12	0.17	0.22	0.27	0.32	0.38	0.41	0.43	0.46	0.48
Manufacturing	0.01	0.04	0.07	0.11	0.15	0.20	0.24	0.29	0.35	0.39	0.40	0.42	0.44	0.45
High-Tech Manufacturing	0.03	0.09	0.15	0.20	0.26	0.30	0.35	0.43	0.49	0.47	0.48	0.50	0.52	0.54
Services	0.00	0.02	0.05	0.10	0.14	0.19	0.24	0.28	0.34	0.40	0.41	0.43	0.44	0.46
Construction	0.13	0.34	0.49	0.57	0.65	0.70	0.76	0.95	1.03	0.71	0.74	0.77	0.80	0.83
Public administration	0.01	0.02	0.05	0.08	0.12	0.15	0.19	0.24	0.29	0.33	0.34	0.36	0.38	0.40
Domestic sales - total	0.02	0.05	0.09	0.14	0.19	0.23	0.28	0.34	0.40	0.42	0.44	0.45	0.47	0.49

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	-0.01	-0.02	-0.01	0.02	0.07	0.12	0.18	0.24	0.31	0.41	0.47	0.52	0.56	0.60
Manufacturing	-0.02	-0.02	0.00	0.05	0.10	0.17	0.22	0.27	0.34	0.46	0.48	0.50	0.52	0.54
High-Tech Manufacturing	-0.02	-0.03	0.00	0.05	0.10	0.16	0.21	0.25	0.32	0.46	0.46	0.47	0.49	0.50
Services	0.00	0.01	0.04	0.09	0.14	0.19	0.24	0.29	0.35	0.42	0.43	0.45	0.47	0.48
Construction	0.14	0.36	0.51	0.59	0.68	0.72	0.78	0.98	1.07	0.73	0.76	0.79	0.82	0.85
Public administration	0.01	0.02	0.05	0.08	0.11	0.15	0.19	0.24	0.28	0.33	0.34	0.36	0.38	0.40
Domestic production - total	0.00	0.02	0.05	0.10	0.15	0.21	0.26	0.31	0.38	0.44	0.46	0.48	0.49	0.51

Table 75: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.02	-0.04	-0.02	0.01	0.05	0.10	0.14	0.16	0.20	0.32	0.32	0.33	0.34	0.36
Manufacturing	-0.02	-0.05	-0.05	-0.02	0.01	0.04	0.07	0.08	0.12	0.23	0.24	0.25	0.26	0.27
High-Tech Manufacturing	-0.02	-0.05	-0.05	-0.04	-0.02	0.01	0.04	0.04	0.07	0.19	0.20	0.21	0.22	0.23
Services	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.11	0.15	0.15	0.16	0.17	0.17
Construction	0.21	0.52	0.68	0.73	0.80	0.79	0.82	1.05	1.10	0.50	0.54	0.58	0.61	0.64
Public administration	0.01	0.02	0.04	0.07	0.09	0.12	0.14	0.17	0.20	0.22	0.23	0.23	0.24	0.25
Employment - total	0.01	0.02	0.04	0.06	0.08	0.10	0.12	0.15	0.18	0.19	0.20	0.21	0.22	0.23

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	-0.04	-0.04	0.08	0.24	0.38	0.52	0.63	0.68	0.83	1.09	1.01	0.96	0.94	0.94
Manufacturing	0.11	0.30	0.45	0.55	0.65	0.72	0.80	0.98	1.09	0.84	0.87	0.89	0.92	0.95
High-Tech Manufacturing	0.15	0.39	0.55	0.63	0.72	0.76	0.82	1.02	1.11	0.74	0.77	0.80	0.84	0.87
Services	0.18	0.46	0.64	0.73	0.82	0.86	0.92	1.15	1.24	0.77	0.80	0.84	0.87	0.91
Construction	0.67	1.60	2.04	2.11	2.24	2.16	2.19	2.88	2.97	1.01	1.21	1.36	1.49	1.60
Public administration	0.02	0.08	0.16	0.25	0.35	0.45	0.55	0.66	0.78	0.87	0.89	0.91	0.94	0.97
Total investments - total	0.17	0.44	0.61	0.70	0.80	0.84	0.91	1.13	1.23	0.79	0.82	0.86	0.89	0.92

Table 77: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.03	0.09	0.15	0.20	0.23	0.26	0.27	0.30	0.33	0.29	0.23	0.20	0.18	0.17
Manufacturing	0.05	0.12	0.16	0.17	0.18	0.19	0.20	0.26	0.28	0.18	0.20	0.21	0.23	0.24
High-Tech Manufacturing	0.07	0.18	0.25	0.27	0.31	0.33	0.36	0.45	0.50	0.34	0.37	0.39	0.41	0.44
Services	0.06	0.13	0.15	0.14	0.14	0.13	0.13	0.18	0.19	0.07	0.09	0.10	0.12	0.13
Construction	0.25	0.59	0.77	0.81	0.87	0.85	0.87	1.12	1.17	0.49	0.54	0.59	0.63	0.67
Public administration	0.06	0.15	0.19	0.20	0.23	0.23	0.25	0.32	0.35	0.24	0.26	0.28	0.30	0.31
Imports - total	0.06	0.15	0.20	0.21	0.23	0.24	0.26	0.33	0.36	0.23	0.25	0.27	0.28	0.30

Table 78: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.02	-0.04	-0.05	-0.05	-0.02	0.01	0.06	0.10	0.15	0.27	0.36	0.43	0.48	0.53
Manufacturing	-0.02	-0.05	-0.04	-0.01	0.03	0.08	0.13	0.15	0.21	0.36	0.38	0.40	0.42	0.44
High-Tech Manufacturing	-0.02	-0.05	-0.04	0.00	0.04	0.09	0.13	0.15	0.21	0.36	0.37	0.38	0.39	0.40
Services	-0.02	-0.04	-0.02	0.02	0.07	0.12	0.18	0.21	0.27	0.42	0.43	0.45	0.47	0.49
Construction	0.00	0.03	0.08	0.14	0.20	0.26	0.32	0.39	0.48	0.52	0.53	0.55	0.57	0.60
Public administration	-0.02	-0.04	-0.04	-0.02	0.00	0.03	0.07	0.08	0.12	0.23	0.25	0.26	0.28	0.29
Exports - total	-0.02	-0.05	-0.03	0.00	0.04	0.09	0.14	0.16	0.22	0.37	0.38	0.40	0.41	0.43

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	-0.02	-0.03	-0.02	0.01	0.02	0.04	0.05	0.04	0.05	0.11	0.08	0.06	0.05	0.04
Manufacturing	-0.02	-0.03	-0.03	-0.01	0.00	0.01	0.02	0.02	0.03	0.08	0.07	0.07	0.07	0.07
High-Tech Manufacturing	-0.02	-0.04	-0.03	-0.01	0.00	0.02	0.04	0.04	0.06	0.11	0.11	0.11	0.11	0.11
Services	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
Construction	0.03	0.07	0.09	0.09	0.10	0.10	0.10	0.13	0.14	0.05	0.06	0.06	0.07	0.07
Public administration	0.00	0.00	0.02	0.03	0.05	0.06	0.07	0.09	0.10	0.12	0.11	0.11	0.11	0.11
Consumer price index	-0.01	-0.02	-0.02	-0.01	0.00	0.00	0.01	0.01	0.01	0.04	0.04	0.03	0.03	0.03

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	-0.02	-0.03	-0.01	0.02	0.04	0.06	0.06	0.05	0.06	0.11	0.06	0.04	0.01	0.00
Manufacturing	-0.01	-0.02	-0.02	-0.01	-0.01	0.00	0.01	0.01	0.01	0.05	0.04	0.04	0.04	0.04
High-Tech Manufacturing	-0.01	-0.02	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.01	0.04	0.04	0.05	0.05	0.05
Services	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Construction	0.03	0.07	0.09	0.09	0.10	0.10	0.10	0.13	0.13	0.04	0.05	0.06	0.06	0.07
Public administration	0.00	0.00	0.02	0.03	0.05	0.06	0.07	0.08	0.10	0.12	0.11	0.11	0.11	0.11
Price index of total domestic production	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02