

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

Spain – TFP elasticity = 0.10

Prepared for:

European Commission

Directorate-General for Regional Policy, Unit Evaluation and Additionality

Office CSM2 – 9/126

For the attention of Ms Mahovsky

B-1049 Brussels

EU Tender No:

2006.CE16.0.AT.022

Project Title:

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

Report Submitted by:

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Released:

15 June 2007

Status:

Final

Administrative information

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Spain

Scenario: Past profile of 6 countries 2000-2006

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	1,149	2,900	3,867	4,088	4,356	4,109	4,010	5,412	5,412	35,305
Structural funds	1,034	2,608	3,478	3,677	3,918	3,696	3,607	4,868	4,868	31,753
<i>Productive environment</i>	193	488	650	688	733	691	674	910	910	5,938
Manufacturing	110	278	371	392	418	394	385	519	519	3,388
Services	83	209	279	295	315	297	290	391	391	2,550
<i>Human resources</i>	313	790	1,054	1,114	1,187	1,120	1,093	1,475	1,475	9,621
<i>Infrastructure</i>	519	1,309	1,746	1,846	1,967	1,855	1,811	2,444	2,444	15,940
<i>Rest (services)</i>	8	21	28	29	31	30	29	39	39	254
Cohesion funds	116	292	389	411	438	413	403	545	545	3,552

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	1,083	2,679	3,502	3,630	3,793	3,507	3,356	4,440	4,353	30,343
Structural funds	974	2,410	3,150	3,265	3,411	3,154	3,018	3,993	3,915	27,290
<i>Productive environment</i>	182	451	589	611	638	590	564	747	732	5,103
Manufacturing	104	257	336	348	364	337	322	426	418	2,912
Services	78	194	253	262	274	253	242	321	314	2,191
<i>Human resources</i>	295	730	954	989	1,034	956	914	1,210	1,186	8,269
<i>Infrastructure</i>	489	1,210	1,581	1,639	1,712	1,584	1,515	2,005	1,965	13,700
<i>Rest (services)</i>	8	19	25	26	27	25	24	32	31	218
Cohesion funds	109	270	352	365	382	353	338	447	438	3,053

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

Spain (% 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	0.05	0.15	0.27	0.38	0.51	0.63	0.75	0.90	1.05	1.08	1.10	1.12	1.15	1.17
Private consumption	0.08	0.22	0.31	0.38	0.46	0.53	0.60	0.73	0.83	0.74	0.76	0.78	0.80	0.82
Government consumption	0.07	0.20	0.32	0.43	0.54	0.64	0.74	0.90	1.04	1.00	1.02	1.05	1.07	1.09
Gross fixed investment	0.65	1.61	2.14	2.31	2.51	2.49	2.54	3.20	3.33	1.44	1.48	1.53	1.57	1.61
Exports	-0.16	-0.38	-0.43	-0.35	-0.27	-0.11	0.03	-0.02	0.14	0.95	0.98	1.00	1.02	1.05
Imports	0.41	0.97	1.22	1.25	1.30	1.24	1.23	1.56	1.60	0.59	0.63	0.66	0.70	0.73

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	0.07	0.17	0.24	0.29	0.35	0.39	0.44	0.54	0.61	0.52	0.53	0.55	0.56	0.58
Number of unemployed	-0.43	-1.09	-1.57	-1.90	-2.27	-2.54	-2.84	-3.48	-3.90	-3.32	-3.42	-3.52	-3.62	-3.72
Active population	0.01	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.11	0.09	0.09	0.10	0.10	0.10
Unemployment rate (%)	11.05	10.98	10.92	10.88	10.84	10.81	10.78	10.70	10.66	10.72	10.71	10.70	10.69	10.68
Unemployment rate (% points difference with BAU)	-0.05	-0.12	-0.18	-0.22	-0.26	-0.29	-0.32	-0.40	-0.44	-0.38	-0.39	-0.40	-0.41	-0.42

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	0.09	0.22	0.32	0.39	0.47	0.53	0.60	0.74	0.84	0.75	0.77	0.79	0.81	0.83
Household real consumption	0.08	0.22	0.31	0.38	0.46	0.53	0.60	0.73	0.83	0.74	0.76	0.78	0.80	0.82
Household real savings	0.13	0.32	0.44	0.51	0.59	0.65	0.72	0.89	0.99	0.83	0.84	0.86	0.87	0.89
Propensity to save (%)	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.13	6.13	6.12	6.12	6.12	6.12	6.12
Propensity to save (% points difference with BAU)	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
Real average wage	0.06	0.15	0.21	0.26	0.31	0.34	0.39	0.47	0.53	0.45	0.47	0.48	0.49	0.51
Real average return to capital	0.11	0.25	0.30	0.30	0.31	0.29	0.29	0.37	0.38	0.20	0.19	0.18	0.17	0.15

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	0.15	0.35	0.44	0.46	0.49	0.49	0.52	0.68	0.73	0.41	0.48	0.54	0.60	0.65
Manufacturing	0.12	0.29	0.39	0.45	0.52	0.56	0.61	0.76	0.84	0.66	0.69	0.71	0.73	0.76
High-Tech Manufacturing	0.17	0.40	0.52	0.56	0.61	0.62	0.65	0.82	0.88	0.56	0.58	0.61	0.63	0.66
Services	0.04	0.12	0.21	0.30	0.40	0.49	0.59	0.70	0.82	0.86	0.87	0.89	0.90	0.91
Construction	-0.03	-0.06	-0.02	0.05	0.13	0.24	0.33	0.38	0.50	0.78	0.79	0.81	0.82	0.83
Public administration	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
Private consumption - total	0.08	0.20	0.30	0.37	0.45	0.52	0.59	0.72	0.82	0.75	0.77	0.79	0.81	0.83

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	0.00	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
High-Tech Manufacturing	0.23	0.54	0.70	0.75	0.81	0.82	0.86	1.08	1.16	0.70	0.74	0.77	0.81	0.84
Services	0.06	0.19	0.31	0.43	0.55	0.67	0.78	0.94	1.09	1.08	1.10	1.12	1.14	1.16
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	0.06	0.17	0.27	0.37	0.47	0.57	0.67	0.81	0.95	0.95	0.97	0.99	1.01	1.03
Public consumption - total	0.07	0.20	0.32	0.43	0.54	0.64	0.74	0.90	1.04	1.00	1.02	1.05	1.07	1.09

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	0.07	0.14	0.22	0.31	0.41	0.51	0.62	0.75	0.86	0.90	0.94	0.98	1.01
Manufacturing	0.06	0.18	0.30	0.40	0.52	0.62	0.73	0.89	1.03	1.02	1.05	1.07	1.09	1.12
High-Tech Manufacturing	0.16	0.42	0.60	0.71	0.84	0.93	1.02	1.26	1.40	1.10	1.12	1.15	1.18	1.20
Services	0.05	0.16	0.27	0.38	0.50	0.61	0.72	0.86	1.00	1.02	1.04	1.06	1.08	1.10
Construction	0.52	1.30	1.74	1.90	2.08	2.09	2.15	2.71	2.84	1.36	1.40	1.43	1.47	1.51
Public administration	0.06	0.17	0.27	0.37	0.47	0.57	0.67	0.81	0.95	0.95	0.97	0.99	1.01	1.03
Domestic sales - total	0.12	0.31	0.46	0.58	0.70	0.79	0.89	1.09	1.23	1.06	1.08	1.11	1.13	1.15

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	-0.03	-0.06	-0.04	0.01	0.08	0.17	0.26	0.33	0.45	0.66	0.74	0.82	0.88	0.95
Manufacturing	-0.10	-0.18	-0.14	-0.01	0.13	0.30	0.46	0.52	0.71	1.19	1.21	1.23	1.25	1.27
High-Tech Manufacturing	-0.16	-0.35	-0.35	-0.22	-0.10	0.10	0.27	0.27	0.47	1.23	1.25	1.26	1.27	1.29
Services	0.01	0.06	0.15	0.27	0.39	0.52	0.65	0.77	0.92	1.07	1.09	1.11	1.13	1.15
Construction	0.54	1.33	1.78	1.94	2.13	2.13	2.19	2.76	2.88	1.37	1.40	1.44	1.48	1.52
Public administration	0.06	0.17	0.27	0.37	0.47	0.57	0.67	0.81	0.95	0.95	0.97	0.99	1.01	1.03
Domestic production - total	0.02	0.09	0.19	0.32	0.45	0.58	0.71	0.85	1.01	1.13	1.15	1.17	1.19	1.21

Table 11: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.16	-0.34	-0.36	-0.27	-0.19	-0.05	0.05	0.01	0.12	0.69	0.68	0.68	0.68	0.68
Manufacturing	-0.13	-0.29	-0.31	-0.23	-0.16	-0.04	0.06	0.03	0.14	0.65	0.66	0.67	0.68	0.69
High-Tech Manufacturing	-0.20	-0.46	-0.55	-0.49	-0.44	-0.30	-0.20	-0.31	-0.20	0.62	0.62	0.63	0.64	0.64
Services	0.02	0.06	0.09	0.12	0.16	0.20	0.25	0.30	0.36	0.41	0.43	0.44	0.46	0.47
Construction	0.77	1.86	2.41	2.49	2.61	2.46	2.41	3.09	3.09	0.76	0.80	0.85	0.89	0.93
Public administration	0.07	0.18	0.25	0.30	0.35	0.39	0.43	0.53	0.59	0.49	0.51	0.52	0.54	0.55
Employment - total	0.07	0.17	0.24	0.29	0.35	0.39	0.44	0.54	0.61	0.52	0.53	0.55	0.56	0.58

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	-0.25	-0.47	-0.35	-0.01	0.30	0.69	1.00	1.06	1.42	2.51	2.41	2.33	2.26	2.21
Manufacturing	0.37	0.94	1.31	1.51	1.72	1.81	1.93	2.40	2.59	1.62	1.65	1.69	1.73	1.76
High-Tech Manufacturing	0.46	1.16	1.58	1.76	1.97	2.02	2.12	2.64	2.80	1.57	1.61	1.65	1.69	1.73
Services	0.77	1.88	2.47	2.63	2.81	2.74	2.75	3.49	3.59	1.31	1.36	1.41	1.46	1.51
Construction	1.07	2.61	3.41	3.59	3.82	3.69	3.69	4.70	4.81	1.67	1.75	1.84	1.92	2.00
Public administration	0.19	0.48	0.70	0.85	1.02	1.14	1.28	1.57	1.76	1.50	1.54	1.59	1.63	1.67
Total investments - total	0.66	1.63	2.17	2.34	2.54	2.52	2.56	3.23	3.36	1.45	1.49	1.53	1.57	1.61

Table 13: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.20	0.51	0.75	0.91	1.07	1.17	1.27	1.48	1.62	1.39	1.27	1.17	1.08	1.00
Manufacturing	0.43	1.00	1.25	1.25	1.28	1.19	1.16	1.48	1.49	0.43	0.47	0.51	0.54	0.57
High-Tech Manufacturing	0.38	0.91	1.18	1.24	1.33	1.31	1.34	1.69	1.76	0.81	0.85	0.89	0.93	0.96
Services	0.52	1.18	1.41	1.35	1.32	1.15	1.06	1.40	1.35	0.08	0.14	0.19	0.25	0.30
Construction	1.10	2.61	3.29	3.33	3.41	3.14	3.01	3.89	3.84	0.66	0.74	0.81	0.88	0.95
Public administration	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
Imports - total	0.41	0.97	1.22	1.25	1.30	1.24	1.23	1.56	1.60	0.59	0.63	0.66	0.70	0.73

Table 14: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.10	-0.25	-0.32	-0.33	-0.33	-0.27	-0.22	-0.26	-0.20	0.22	0.33	0.43	0.53	0.62
Manufacturing	-0.17	-0.40	-0.46	-0.39	-0.31	-0.16	-0.02	-0.08	0.07	0.91	0.94	0.97	1.00	1.02
High-Tech Manufacturing	-0.17	-0.40	-0.46	-0.39	-0.32	-0.16	-0.03	-0.10	0.05	0.94	0.95	0.97	0.99	1.01
Services	-0.16	-0.36	-0.39	-0.28	-0.17	0.02	0.18	0.16	0.34	1.11	1.13	1.14	1.16	1.17
Construction	-0.03	-0.03	0.06	0.19	0.33	0.48	0.63	0.77	0.95	1.15	1.17	1.20	1.23	1.25
Public administration	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
Exports - total	-0.16	-0.38	-0.43	-0.35	-0.27	-0.11	0.03	-0.02	0.14	0.95	0.98	1.00	1.02	1.05

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	-0.14	-0.29	-0.30	-0.21	-0.14	-0.03	0.04	-0.01	0.07	0.49	0.43	0.38	0.34	0.30
Manufacturing	-0.10	-0.22	-0.24	-0.20	-0.17	-0.10	-0.06	-0.10	-0.05	0.22	0.21	0.20	0.19	0.18
High-Tech Manufacturing	-0.16	-0.35	-0.39	-0.32	-0.27	-0.17	-0.11	-0.16	-0.10	0.33	0.32	0.31	0.30	0.29
Services	-0.02	-0.04	-0.04	-0.04	-0.04	-0.04	-0.03	-0.04	-0.04	0.00	0.00	0.00	0.01	0.01
Construction	0.06	0.16	0.21	0.23	0.25	0.24	0.24	0.31	0.31	0.08	0.09	0.09	0.09	0.10
Public administration	-0.01	-0.02	0.00	0.02	0.04	0.06	0.07	0.08	0.10	0.13	0.13	0.13	0.13	0.14
Consumer price index	-0.06	-0.13	-0.14	-0.12	-0.10	-0.07	-0.04	-0.06	-0.04	0.12	0.11	0.11	0.10	0.10

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	-0.16	-0.33	-0.34	-0.23	-0.14	-0.01	0.08	0.01	0.10	0.61	0.53	0.46	0.40	0.34
Manufacturing	-0.08	-0.18	-0.20	-0.16	-0.14	-0.09	-0.05	-0.09	-0.05	0.17	0.16	0.15	0.14	0.13
High-Tech Manufacturing	-0.10	-0.21	-0.24	-0.21	-0.18	-0.13	-0.09	-0.14	-0.10	0.16	0.16	0.15	0.15	0.14
Services	-0.01	-0.03	-0.05	-0.05	-0.05	-0.05	-0.05	-0.06	-0.06	-0.02	-0.02	-0.01	-0.01	-0.01
Construction	0.06	0.16	0.21	0.23	0.25	0.24	0.24	0.30	0.31	0.08	0.09	0.09	0.09	0.10
Public administration	-0.01	-0.02	-0.01	0.01	0.03	0.05	0.06	0.07	0.08	0.12	0.12	0.12	0.12	0.12
Price index of total domestic production	-0.03	-0.08	-0.08	-0.07	-0.05	-0.03	-0.02	-0.03	-0.01	0.08	0.08	0.07	0.07	0.07

Spain

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

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	6,311	5,769	5,203	9,182	4,433	4,407	35,305
Structural funds	0	0	0	5,038	4,849	4,651	8,671	4,257	4,287	31,753
<i>Productive environment</i>	0	0	0	942	907	870	1,621	796	802	5,938
Manufacturing	0	0	0	538	517	496	925	454	457	3,388
Services	0	0	0	405	389	373	696	342	344	2,550
<i>Human resources</i>	0	0	0	1,526	1,469	1,409	2,627	1,290	1,299	9,621
<i>Infrastructure</i>	0	0	0	2,529	2,434	2,335	4,353	2,137	2,152	15,940
<i>Rest (services)</i>	0	0	0	40	39	37	69	34	34	254
Cohesion funds	0	0	0	1,273	920	552	511	176	120	3,552

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0	0	0	5,604	5,022	4,441	7,683	3,637	3,544	29,931
Structural funds	0	0	0	4,473	4,221	3,970	7,255	3,492	3,448	26,860
<i>Productive environment</i>	0	0	0	836	789	742	1,357	653	645	5,023
Manufacturing	0	0	0	477	450	424	774	373	368	2,866
Services	0	0	0	359	339	319	583	280	277	2,157
<i>Human resources</i>	0	0	0	1,355	1,279	1,203	2,198	1,058	1,045	8,139
<i>Infrastructure</i>	0	0	0	2,246	2,119	1,993	3,642	1,753	1,731	13,484
<i>Rest (services)</i>	0	0	0	36	34	32	58	28	28	215
Cohesion funds	0	0	0	1,131	801	471	428	144	96	3,071

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

Spain (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	0.0	0.0	0.0	18.7	16.8	14.8	25.7	12.1	11.8	100.0
Structural funds	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Productive environment	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Manufacturing	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Services	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Human resources	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Infrastructure	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Rest (services)	0.0	0.0	0.0	16.7	15.7	14.8	27.0	13.0	12.8	100.0
Cohesion funds	0.0	0.0	0.0	36.8	26.1	15.3	13.9	4.7	3.1	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	0.21	0.37	0.51	0.76	0.87	1.00	1.03	1.05	1.07	1.09	1.11
Private consumption	0.00	0.00	0.00	0.35	0.42	0.48	0.74	0.69	0.77	0.70	0.72	0.74	0.76	0.78
Government consumption	0.00	0.00	0.00	0.31	0.44	0.55	0.83	0.86	0.98	0.95	0.97	0.99	1.01	1.03
Gross fixed investment	0.00	0.00	0.00	3.08	2.93	2.78	4.55	2.80	2.90	1.37	1.41	1.45	1.49	1.53
Exports	0.00	0.00	0.00	-0.87	-0.62	-0.38	-0.74	0.10	0.24	0.91	0.93	0.95	0.98	1.00
Imports	0.00	0.00	0.00	1.80	1.61	1.45	2.38	1.35	1.38	0.56	0.60	0.63	0.66	0.69

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	0.28	0.33	0.37	0.57	0.51	0.56	0.49	0.51	0.52	0.54	0.55
Number of unemployed	0.00	0.00	0.00	-1.83	-2.10	-2.36	-3.66	-3.25	-3.61	-3.15	-3.25	-3.35	-3.45	-3.54
Active population	0.00	0.00	0.00	0.05	0.06	0.06	0.10	0.09	0.10	0.09	0.09	0.09	0.09	0.10
Unemployment rate (%)	11.10	11.10	11.10	10.89	10.86	10.83	10.68	10.73	10.69	10.74	10.73	10.72	10.71	10.70
Unemployment rate (% points difference with BAU)	0.00	0.00	0.00	-0.21	-0.24	-0.27	-0.42	-0.37	-0.41	-0.36	-0.37	-0.38	-0.39	-0.40

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	0.36	0.43	0.49	0.75	0.70	0.78	0.71	0.73	0.75	0.77	0.79
Household real consumption	0.00	0.00	0.00	0.35	0.42	0.48	0.74	0.69	0.77	0.70	0.72	0.74	0.76	0.78
Household real savings	0.00	0.00	0.00	0.54	0.58	0.63	0.98	0.84	0.92	0.79	0.80	0.82	0.83	0.85
Propensity to save (%)	6.12	6.12	6.12	6.13	6.13	6.13	6.13	6.13	6.13	6.12	6.12	6.12	6.12	6.12
Propensity to save (% points difference with BAU)	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
Real average wage	0.00	0.00	0.00	0.25	0.28	0.32	0.50	0.44	0.49	0.43	0.44	0.46	0.47	0.48
Real average return to capital	0.00	0.00	0.00	0.43	0.39	0.35	0.56	0.34	0.35	0.20	0.19	0.18	0.17	0.16

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	0.66	0.58	0.54	0.90	0.55	0.61	0.36	0.43	0.49	0.55	0.60
Manufacturing	0.00	0.00	0.00	0.49	0.52	0.54	0.86	0.69	0.77	0.62	0.65	0.67	0.69	0.72
High-Tech Manufacturing	0.00	0.00	0.00	0.72	0.68	0.66	1.06	0.73	0.79	0.53	0.55	0.58	0.60	0.62
Services	0.00	0.00	0.00	0.16	0.29	0.40	0.59	0.69	0.79	0.82	0.83	0.85	0.86	0.87
Construction	0.00	0.00	0.00	-0.19	-0.04	0.10	0.10	0.42	0.52	0.75	0.76	0.77	0.78	0.79
Public administration	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
Private consumption - total	0.00	0.00	0.00	0.33	0.40	0.47	0.72	0.69	0.77	0.72	0.74	0.76	0.77	0.79

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High-Tech Manufacturing	0.00	0.00	0.00	0.97	0.92	0.88	1.42	0.96	1.03	0.67	0.70	0.73	0.77	0.80
Services	0.00	0.00	0.00	0.28	0.43	0.56	0.84	0.91	1.03	1.03	1.05	1.07	1.09	1.11
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	0.25	0.37	0.48	0.72	0.78	0.89	0.89	0.92	0.94	0.96	0.98
Public consumption - total	0.00	0.00	0.00	0.31	0.44	0.55	0.83	0.86	0.98	0.95	0.97	0.99	1.01	1.03

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	0.07	0.19	0.30	0.44	0.59	0.70	0.80	0.84	0.88	0.92	0.95
Manufacturing	0.00	0.00	0.00	0.27	0.40	0.52	0.79	0.85	0.97	0.97	0.99	1.02	1.04	1.06
High-Tech Manufacturing	0.00	0.00	0.00	0.73	0.81	0.89	1.39	1.17	1.28	1.04	1.07	1.09	1.12	1.14
Services	0.00	0.00	0.00	0.22	0.37	0.50	0.74	0.84	0.95	0.97	0.99	1.01	1.03	1.05
Construction	0.00	0.00	0.00	2.46	2.38	2.29	3.74	2.39	2.49	1.29	1.33	1.36	1.40	1.43
Public administration	0.00	0.00	0.00	0.25	0.37	0.48	0.72	0.78	0.89	0.89	0.92	0.94	0.96	0.98
Domestic sales - total	0.00	0.00	0.00	0.52	0.63	0.73	1.13	1.03	1.14	1.00	1.03	1.05	1.07	1.10

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	-0.14	-0.05	0.04	0.06	0.28	0.39	0.58	0.66	0.74	0.81	0.87
Manufacturing	0.00	0.00	0.00	-0.45	-0.18	0.06	0.00	0.57	0.73	1.12	1.14	1.16	1.19	1.21
High-Tech Manufacturing	0.00	0.00	0.00	-0.80	-0.49	-0.20	-0.47	0.38	0.55	1.18	1.19	1.20	1.21	1.23
Services	0.00	0.00	0.00	0.03	0.21	0.38	0.54	0.77	0.90	1.02	1.04	1.06	1.07	1.09
Construction	0.00	0.00	0.00	2.52	2.43	2.34	3.82	2.43	2.53	1.30	1.33	1.37	1.41	1.44
Public administration	0.00	0.00	0.00	0.25	0.37	0.48	0.72	0.78	0.89	0.89	0.92	0.94	0.96	0.98
Domestic production - total	0.00	0.00	0.00	0.09	0.27	0.44	0.63	0.84	0.97	1.07	1.09	1.11	1.13	1.15

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	-0.72	-0.48	-0.27	-0.53	0.11	0.21	0.66	0.65	0.65	0.65	0.65
Manufacturing	0.00	0.00	0.00	-0.62	-0.41	-0.23	-0.45	0.11	0.20	0.62	0.63	0.64	0.65	0.66
High-Tech Manufacturing	0.00	0.00	0.00	-0.99	-0.76	-0.54	-1.00	-0.16	-0.07	0.59	0.60	0.60	0.61	0.62
Services	0.00	0.00	0.00	0.06	0.11	0.16	0.22	0.29	0.34	0.39	0.41	0.42	0.43	0.45
Construction	0.00	0.00	0.00	3.63	3.27	2.94	4.90	2.61	2.61	0.71	0.75	0.80	0.84	0.88
Public administration	0.00	0.00	0.00	0.29	0.33	0.36	0.56	0.49	0.55	0.47	0.49	0.50	0.51	0.53
Employment - total	0.00	0.00	0.00	0.28	0.33	0.37	0.57	0.51	0.56	0.49	0.51	0.52	0.54	0.55

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	-1.15	-0.44	0.16	-0.07	1.34	1.61	2.48	2.37	2.28	2.21	2.15
Manufacturing	0.00	0.00	0.00	1.52	1.70	1.86	3.11	2.25	2.41	1.53	1.57	1.61	1.64	1.68
High-Tech Manufacturing	0.00	0.00	0.00	1.89	2.02	2.13	3.61	2.46	2.61	1.49	1.53	1.57	1.61	1.65
Services	0.00	0.00	0.00	3.66	3.39	3.13	5.15	3.00	3.07	1.23	1.28	1.33	1.38	1.43
Construction	0.00	0.00	0.00	5.05	4.64	4.26	7.10	4.03	4.11	1.57	1.65	1.73	1.81	1.89
Public administration	0.00	0.00	0.00	0.81	0.94	1.06	1.65	1.47	1.64	1.42	1.47	1.51	1.55	1.59
Total investments - total	0.00	0.00	0.00	3.11	2.96	2.81	4.61	2.83	2.92	1.37	1.41	1.45	1.49	1.53

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	0.76	0.96	1.12	1.63	1.56	1.64	1.43	1.30	1.19	1.10	1.02
Manufacturing	0.00	0.00	0.00	1.87	1.63	1.43	2.37	1.26	1.27	0.41	0.45	0.48	0.52	0.55
High-Tech Manufacturing	0.00	0.00	0.00	1.69	1.57	1.47	2.40	1.47	1.53	0.77	0.80	0.84	0.88	0.91
Services	0.00	0.00	0.00	2.23	1.82	1.50	2.53	1.11	1.08	0.06	0.12	0.17	0.23	0.27
Construction	0.00	0.00	0.00	5.08	4.43	3.86	6.50	3.23	3.19	0.62	0.69	0.76	0.83	0.89
Public administration	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
Imports - total	0.00	0.00	0.00	1.80	1.61	1.45	2.38	1.35	1.38	0.56	0.60	0.63	0.66	0.69

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	-0.50	-0.46	-0.40	-0.65	-0.29	-0.22	0.14	0.25	0.35	0.45	0.54
Manufacturing	0.00	0.00	0.00	-0.90	-0.66	-0.43	-0.82	0.04	0.18	0.87	0.89	0.92	0.94	0.97
High-Tech Manufacturing	0.00	0.00	0.00	-0.91	-0.68	-0.44	-0.85	0.04	0.17	0.89	0.91	0.93	0.95	0.96
Services	0.00	0.00	0.00	-0.83	-0.54	-0.26	-0.56	0.29	0.44	1.07	1.08	1.09	1.11	1.12
Construction	0.00	0.00	0.00	-0.10	0.12	0.32	0.46	0.78	0.94	1.10	1.12	1.15	1.17	1.20
Public administration	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
Exports - total	0.00	0.00	0.00	-0.87	-0.62	-0.38	-0.74	0.10	0.24	0.91	0.93	0.95	0.98	1.00

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	-0.60	-0.38	-0.20	-0.41	0.12	0.17	0.50	0.44	0.39	0.34	0.30
Manufacturing	0.00	0.00	0.00	-0.43	-0.31	-0.20	-0.37	-0.04	-0.01	0.21	0.20	0.19	0.18	0.17
High-Tech Manufacturing	0.00	0.00	0.00	-0.67	-0.49	-0.33	-0.58	-0.08	-0.03	0.31	0.30	0.29	0.28	0.27
Services	0.00	0.00	0.00	-0.07	-0.06	-0.05	-0.08	-0.04	-0.03	0.00	0.00	0.00	0.00	0.00
Construction	0.00	0.00	0.00	0.32	0.30	0.28	0.47	0.26	0.26	0.08	0.08	0.09	0.09	0.09
Public administration	0.00	0.00	0.00	-0.04	0.00	0.03	0.04	0.09	0.11	0.13	0.13	0.13	0.13	0.13
Consumer price index	0.00	0.00	0.00	-0.25	-0.18	-0.12	-0.22	-0.03	-0.01	0.11	0.11	0.10	0.10	0.09

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	-0.71	-0.43	-0.21	-0.46	0.18	0.23	0.63	0.55	0.48	0.41	0.36
Manufacturing	0.00	0.00	0.00	-0.35	-0.25	-0.16	-0.30	-0.03	-0.01	0.17	0.16	0.15	0.14	0.13
High-Tech Manufacturing	0.00	0.00	0.00	-0.42	-0.31	-0.22	-0.39	-0.08	-0.06	0.16	0.15	0.14	0.14	0.13
Services	0.00	0.00	0.00	-0.07	-0.06	-0.06	-0.10	-0.06	-0.06	-0.02	-0.02	-0.02	-0.01	-0.01
Construction	0.00	0.00	0.00	0.31	0.30	0.28	0.46	0.26	0.26	0.08	0.08	0.08	0.09	0.09
Public administration	0.00	0.00	0.00	-0.04	-0.01	0.02	0.02	0.08	0.09	0.12	0.12	0.12	0.12	0.12
Price index of total domestic production	0.00	0.00	0.00	-0.15	-0.10	-0.07	-0.12	-0.01	0.00	0.08	0.07	0.07	0.07	0.06

Spain

Scenario: Programming prices scenario

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	6,311	5,769	5,203	4,726	4,456	4,433	4,407	0	0	35,305
Structural funds	5,038	4,849	4,651	4,444	4,227	4,257	4,287	0	0	31,753
<i>Productive environment</i>	942	907	870	831	790	796	802	0	0	5,938
Manufacturing	538	517	496	474	451	454	457	0	0	3,388
Services	405	389	373	357	339	342	344	0	0	2,550
<i>Human resources</i>	1,526	1,469	1,409	1,347	1,281	1,290	1,299	0	0	9,621
<i>Infrastructure</i>	2,529	2,434	2,335	2,231	2,122	2,137	2,152	0	0	15,940
<i>Rest (services)</i>	40	39	37	36	34	34	34	0	0	254
Cohesion funds	1,273	920	552	282	230	176	120	0	0	3,552

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	5,947	5,330	4,713	4,196	3,880	3,784	3,687	0	0	31,536
Structural funds	4,747	4,480	4,213	3,946	3,680	3,634	3,587	0	0	28,286
<i>Productive environment</i>	888	838	788	738	688	679	671	0	0	5,290
Manufacturing	507	478	450	421	393	388	383	0	0	3,018
Services	381	360	338	317	295	292	288	0	0	2,271
<i>Human resources</i>	1,438	1,357	1,276	1,196	1,115	1,101	1,087	0	0	8,571
<i>Infrastructure</i>	2,383	2,249	2,115	1,981	1,847	1,824	1,801	0	0	14,200
<i>Rest (services)</i>	38	36	34	32	29	29	29	0	0	226
Cohesion funds	1,200	850	500	250	200	150	100	0	0	3,250

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

Spain (% of total payments)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	18.9	16.9	14.9	13.3	12.3	12.0	11.7	0.0	0.0	100.0
Structural funds	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Productive environment	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Manufacturing	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Services	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Human resources	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Infrastructure	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Rest (services)	16.8	15.8	14.9	14.0	13.0	12.8	12.7	0.0	0.0	100.0
Cohesion funds	36.9	26.2	15.4	7.7	6.2	4.6	3.1	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	0.26	0.43	0.59	0.73	0.86	1.00	1.13	1.16	1.18	1.20	1.23	1.25	1.28	1.30
Private consumption	0.47	0.51	0.57	0.62	0.69	0.78	0.87	0.78	0.80	0.82	0.85	0.87	0.89	0.91
Government consumption	0.40	0.52	0.64	0.75	0.86	0.98	1.10	1.07	1.09	1.11	1.14	1.16	1.18	1.21
Gross fixed investment	3.56	3.36	3.16	3.03	3.01	3.10	3.20	1.52	1.57	1.62	1.66	1.71	1.75	1.80
Exports	-0.89	-0.64	-0.40	-0.17	0.01	0.15	0.30	1.01	1.03	1.06	1.08	1.11	1.14	1.16
Imports	2.25	1.95	1.71	1.54	1.46	1.47	1.50	0.57	0.61	0.65	0.70	0.73	0.77	0.81

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	0.36	0.39	0.43	0.47	0.51	0.57	0.63	0.54	0.56	0.58	0.60	0.61	0.63	0.65
Number of unemployed	-2.32	-2.53	-2.75	-3.00	-3.30	-3.67	-4.05	-3.50	-3.62	-3.73	-3.84	-3.95	-4.05	-4.16
Active population	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.10	0.10	0.10	0.10	0.11	0.11	0.11
Unemployment rate (%)	10.84	10.81	10.79	10.76	10.72	10.68	10.64	10.70	10.69	10.68	10.66	10.65	10.64	10.63
Unemployment rate (% points difference with BAU)	-0.26	-0.29	-0.31	-0.34	-0.38	-0.42	-0.46	-0.40	-0.41	-0.42	-0.44	-0.45	-0.46	-0.47

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	0.48	0.53	0.58	0.63	0.70	0.79	0.87	0.78	0.81	0.83	0.85	0.87	0.89	0.91
Household real consumption	0.47	0.51	0.57	0.62	0.69	0.78	0.87	0.78	0.80	0.82	0.85	0.87	0.89	0.91
Household real savings	0.73	0.73	0.75	0.79	0.85	0.93	1.02	0.85	0.87	0.89	0.91	0.93	0.94	0.96
Propensity to save (%)	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.12	6.12	6.12	6.12	6.12	6.12	6.12
Propensity to save (% points difference with BAU)	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
Real average wage	0.31	0.34	0.37	0.41	0.45	0.50	0.55	0.48	0.49	0.51	0.52	0.54	0.55	0.57
Real average return to capital	0.61	0.50	0.43	0.38	0.35	0.35	0.36	0.17	0.16	0.16	0.15	0.14	0.13	0.11

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	0.83	0.71	0.63	0.59	0.60	0.64	0.70	0.42	0.49	0.56	0.62	0.68	0.73	0.78
Manufacturing	0.65	0.64	0.64	0.67	0.71	0.78	0.85	0.68	0.71	0.74	0.77	0.79	0.82	0.84
High-Tech Manufacturing	0.94	0.85	0.79	0.76	0.77	0.81	0.86	0.56	0.59	0.62	0.65	0.68	0.70	0.73
Services	0.22	0.35	0.47	0.58	0.68	0.79	0.89	0.92	0.93	0.95	0.96	0.98	0.99	1.01
Construction	-0.16	-0.01	0.13	0.26	0.38	0.49	0.59	0.83	0.84	0.86	0.87	0.88	0.90	0.91
Public administration	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
Private consumption - total	0.43	0.49	0.55	0.62	0.69	0.78	0.87	0.79	0.82	0.84	0.86	0.88	0.90	0.92

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	0.00	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
High-Tech Manufacturing	1.26	1.13	1.04	1.00	1.01	1.07	1.13	0.71	0.75	0.79	0.83	0.87	0.90	0.94
Services	0.35	0.51	0.65	0.78	0.90	1.04	1.17	1.15	1.17	1.20	1.22	1.24	1.26	1.29
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	0.32	0.44	0.56	0.66	0.78	0.89	1.01	1.01	1.03	1.05	1.08	1.10	1.12	1.14
Public consumption - total	0.40	0.52	0.64	0.75	0.86	0.98	1.10	1.07	1.09	1.11	1.14	1.16	1.18	1.21

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	0.11	0.23	0.35	0.46	0.58	0.70	0.82	0.92	0.96	1.01	1.05	1.09	1.12	1.16
Manufacturing	0.34	0.48	0.60	0.73	0.85	0.97	1.10	1.09	1.12	1.14	1.17	1.20	1.22	1.25
High-Tech Manufacturing	0.89	0.96	1.03	1.10	1.20	1.32	1.44	1.16	1.19	1.22	1.25	1.28	1.31	1.34
Services	0.29	0.44	0.58	0.71	0.83	0.95	1.08	1.09	1.11	1.14	1.16	1.18	1.20	1.22
Construction	2.86	2.73	2.61	2.54	2.54	2.65	2.75	1.44	1.48	1.52	1.56	1.60	1.64	1.68
Public administration	0.32	0.44	0.56	0.66	0.78	0.89	1.01	1.01	1.03	1.05	1.08	1.10	1.12	1.14
Domestic sales - total	0.63	0.74	0.84	0.94	1.04	1.16	1.29	1.13	1.15	1.18	1.21	1.23	1.26	1.28

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	-0.17	-0.07	0.05	0.16	0.28	0.39	0.51	0.72	0.81	0.89	0.96	1.03	1.09	1.15
Manufacturing	-0.52	-0.21	0.07	0.31	0.51	0.69	0.86	1.29	1.31	1.33	1.35	1.37	1.40	1.42
High-Tech Manufacturing	-0.88	-0.53	-0.21	0.07	0.29	0.47	0.65	1.33	1.34	1.35	1.37	1.38	1.40	1.41
Services	0.06	0.26	0.44	0.60	0.74	0.88	1.02	1.15	1.17	1.19	1.21	1.23	1.25	1.27
Construction	2.93	2.79	2.67	2.58	2.59	2.69	2.80	1.45	1.49	1.53	1.57	1.61	1.65	1.69
Public administration	0.32	0.44	0.56	0.66	0.78	0.89	1.01	1.01	1.03	1.05	1.08	1.10	1.12	1.14
Domestic production - total	0.12	0.32	0.50	0.66	0.81	0.96	1.11	1.21	1.23	1.26	1.28	1.30	1.33	1.35

Table 43: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.85	-0.55	-0.30	-0.10	0.05	0.16	0.26	0.76	0.75	0.75	0.75	0.75	0.75	0.76
Manufacturing	-0.72	-0.47	-0.26	-0.08	0.06	0.16	0.26	0.71	0.72	0.73	0.74	0.75	0.76	0.77
High-Tech Manufacturing	-1.08	-0.83	-0.59	-0.39	-0.25	-0.14	-0.04	0.66	0.67	0.67	0.68	0.69	0.70	0.70
Services	0.12	0.15	0.19	0.23	0.28	0.33	0.39	0.43	0.45	0.46	0.48	0.50	0.51	0.52
Construction	4.22	3.76	3.35	3.03	2.87	2.85	2.85	0.77	0.83	0.88	0.92	0.97	1.01	1.06
Public administration	0.38	0.40	0.43	0.46	0.50	0.55	0.61	0.52	0.53	0.55	0.57	0.58	0.60	0.62
Employment - total	0.36	0.39	0.43	0.47	0.51	0.57	0.63	0.54	0.56	0.58	0.60	0.61	0.63	0.65

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	-1.35	-0.50	0.20	0.75	1.18	1.50	1.79	2.75	2.63	2.53	2.45	2.38	2.33	2.29
Manufacturing	1.74	1.94	2.11	2.25	2.35	2.53	2.70	1.74	1.78	1.82	1.86	1.89	1.93	1.97
High-Tech Manufacturing	2.20	2.32	2.43	2.52	2.59	2.74	2.90	1.67	1.72	1.76	1.80	1.85	1.89	1.94
Services	4.24	3.89	3.56	3.33	3.25	3.31	3.38	1.37	1.43	1.49	1.54	1.59	1.64	1.69
Construction	5.91	5.36	4.87	4.52	4.38	4.44	4.53	1.73	1.83	1.92	2.02	2.10	2.19	2.27
Public administration	1.03	1.13	1.24	1.36	1.50	1.66	1.83	1.58	1.63	1.68	1.73	1.77	1.82	1.86
Total investments - total	3.61	3.40	3.20	3.06	3.03	3.13	3.23	1.53	1.58	1.62	1.67	1.71	1.76	1.80

Table 45: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	1.09	1.24	1.35	1.44	1.53	1.62	1.71	1.44	1.31	1.20	1.10	1.02	0.95	0.89
Manufacturing	2.37	2.00	1.70	1.49	1.38	1.37	1.36	0.39	0.44	0.48	0.52	0.56	0.60	0.63
High-Tech Manufacturing	2.06	1.87	1.71	1.61	1.58	1.63	1.69	0.82	0.87	0.92	0.96	1.00	1.04	1.08
Services	2.86	2.26	1.79	1.46	1.27	1.20	1.15	-0.02	0.05	0.12	0.19	0.25	0.30	0.35
Construction	6.08	5.21	4.46	3.90	3.59	3.51	3.46	0.61	0.70	0.78	0.87	0.94	1.02	1.09
Public administration	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
Imports - total	2.25	1.95	1.71	1.54	1.46	1.47	1.50	0.57	0.61	0.65	0.70	0.73	0.77	0.81

Table 46: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.55	-0.49	-0.42	-0.34	-0.27	-0.20	-0.13	0.26	0.37	0.48	0.58	0.68	0.77	0.86
Manufacturing	-0.92	-0.68	-0.44	-0.23	-0.05	0.09	0.24	0.96	0.99	1.02	1.05	1.08	1.11	1.14
High-Tech Manufacturing	-0.91	-0.68	-0.45	-0.23	-0.06	0.08	0.22	0.98	1.00	1.02	1.04	1.06	1.08	1.10
Services	-0.89	-0.58	-0.29	-0.04	0.17	0.34	0.51	1.18	1.20	1.21	1.23	1.25	1.27	1.29
Construction	-0.16	0.08	0.30	0.50	0.68	0.84	1.01	1.20	1.23	1.26	1.29	1.32	1.35	1.38
Public administration	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
Exports - total	-0.89	-0.64	-0.40	-0.17	0.01	0.15	0.30	1.01	1.03	1.06	1.08	1.11	1.14	1.16

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	-0.75	-0.46	-0.24	-0.07	0.05	0.12	0.18	0.55	0.48	0.43	0.38	0.33	0.29	0.26
Manufacturing	-0.56	-0.39	-0.25	-0.15	-0.08	-0.03	0.01	0.26	0.24	0.23	0.22	0.21	0.20	0.19
High-Tech Manufacturing	-0.88	-0.62	-0.41	-0.25	-0.14	-0.07	0.00	0.39	0.38	0.36	0.35	0.34	0.33	0.32
Services	-0.09	-0.07	-0.06	-0.05	-0.04	-0.04	-0.03	0.00	0.01	0.01	0.01	0.01	0.01	0.01
Construction	0.33	0.32	0.31	0.29	0.29	0.29	0.29	0.10	0.10	0.10	0.11	0.11	0.11	0.12
Public administration	-0.06	-0.01	0.03	0.06	0.09	0.10	0.12	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Consumer price index	-0.33	-0.23	-0.15	-0.09	-0.05	-0.03	-0.01	0.14	0.13	0.13	0.12	0.11	0.11	0.10

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	-0.87	-0.52	-0.24	-0.04	0.10	0.18	0.24	0.68	0.59	0.51	0.44	0.38	0.33	0.28
Manufacturing	-0.45	-0.31	-0.20	-0.12	-0.06	-0.03	0.00	0.20	0.19	0.17	0.16	0.15	0.14	0.14
High-Tech Manufacturing	-0.53	-0.39	-0.27	-0.17	-0.11	-0.08	-0.05	0.20	0.19	0.18	0.17	0.17	0.16	0.16
Services	-0.08	-0.08	-0.07	-0.07	-0.06	-0.06	-0.06	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01
Construction	0.33	0.32	0.30	0.29	0.28	0.29	0.29	0.10	0.10	0.10	0.11	0.11	0.11	0.11
Public administration	-0.07	-0.02	0.02	0.05	0.07	0.09	0.10	0.13	0.13	0.13	0.13	0.13	0.13	0.14
Price index of total domestic production	-0.19	-0.13	-0.08	-0.05	-0.02	-0.01	0.01	0.09	0.09	0.08	0.08	0.08	0.07	0.07

Spain

Scenario: Lisbon scenario

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	1,149	2,900	3,867	4,088	4,356	4,109	4,010	5,412	5,412	35,305
Structural funds	1,034	2,608	3,478	3,677	3,918	3,696	3,607	4,868	4,868	31,753
<i>Productive environment</i>	219	553	737	780	831	784	765	1,032	1,032	6,732
Manufacturing	125	316	421	445	474	447	436	589	589	3,841
Services	94	237	317	335	357	336	328	443	443	2,891
<i>Human resources</i>	339	856	1,141	1,206	1,285	1,212	1,183	1,597	1,597	10,415
<i>Infrastructure</i>	467	1,179	1,572	1,662	1,771	1,671	1,630	2,200	2,200	14,352
<i>Rest (services)</i>	8	21	28	29	31	30	29	39	39	254
Cohesion funds	116	292	389	411	438	413	403	545	545	3,552

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	1,083	2,679	3,502	3,630	3,793	3,507	3,356	4,440	4,353	30,343
Structural funds	974	2,410	3,150	3,265	3,411	3,154	3,018	3,993	3,915	27,290
<i>Productive environment</i>	206	511	668	692	723	669	640	847	830	5,786
Manufacturing	118	291	381	395	413	382	365	483	474	3,301
Services	89	219	287	297	311	287	275	364	356	2,484
<i>Human resources</i>	319	790	1,033	1,071	1,119	1,035	990	1,310	1,284	8,951
<i>Infrastructure</i>	440	1,089	1,424	1,476	1,542	1,426	1,364	1,805	1,770	12,335
<i>Rest (services)</i>	8	19	25	26	27	25	24	32	31	218
Cohesion funds	109	270	352	365	382	353	338	447	438	3,053

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

Spain (% 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	0.05	0.15	0.26	0.38	0.50	0.61	0.72	0.87	1.02	1.04	1.06	1.08	1.11	1.13
Private consumption	0.08	0.21	0.31	0.38	0.45	0.51	0.58	0.71	0.80	0.71	0.73	0.75	0.77	0.79
Government consumption	0.07	0.20	0.32	0.42	0.52	0.62	0.72	0.87	1.00	0.96	0.98	1.01	1.03	1.05
Gross fixed investment	0.65	1.61	2.14	2.30	2.50	2.47	2.51	3.17	3.29	1.40	1.44	1.48	1.52	1.56
Exports	-0.16	-0.38	-0.44	-0.36	-0.28	-0.12	0.01	-0.04	0.11	0.92	0.95	0.97	0.99	1.01
Imports	0.41	0.96	1.22	1.25	1.30	1.23	1.22	1.55	1.58	0.57	0.61	0.64	0.67	0.70

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	0.07	0.17	0.24	0.29	0.35	0.39	0.43	0.53	0.59	0.50	0.51	0.53	0.54	0.56
Number of unemployed	-0.43	-1.08	-1.56	-1.88	-2.23	-2.48	-2.78	-3.40	-3.81	-3.21	-3.31	-3.40	-3.50	-3.59
Active population	0.01	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.09	0.09	0.09	0.10	0.10
Unemployment rate (%)	11.05	10.98	10.92	10.89	10.85	10.82	10.78	10.71	10.67	10.73	10.72	10.71	10.70	10.69
Unemployment rate (% points difference with BAU)	-0.05	-0.12	-0.18	-0.21	-0.25	-0.28	-0.32	-0.39	-0.43	-0.37	-0.38	-0.39	-0.40	-0.41

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	0.09	0.22	0.32	0.39	0.46	0.52	0.59	0.72	0.81	0.72	0.74	0.76	0.77	0.79
Household real consumption	0.08	0.21	0.31	0.38	0.45	0.51	0.58	0.71	0.80	0.71	0.73	0.75	0.77	0.79
Household real savings	0.13	0.32	0.44	0.50	0.58	0.63	0.70	0.86	0.95	0.78	0.80	0.81	0.83	0.84
Propensity to save (%)	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.13	6.13	6.12	6.12	6.12	6.12	6.12
Propensity to save (% points difference with BAU)	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
Real average wage	0.06	0.15	0.21	0.25	0.30	0.34	0.38	0.46	0.52	0.44	0.45	0.46	0.48	0.49
Real average return to capital	0.11	0.25	0.29	0.29	0.29	0.27	0.27	0.34	0.35	0.16	0.15	0.14	0.13	0.12

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	0.15	0.35	0.44	0.45	0.48	0.48	0.50	0.66	0.71	0.39	0.45	0.51	0.57	0.61
Manufacturing	0.12	0.29	0.39	0.44	0.51	0.55	0.60	0.74	0.82	0.64	0.66	0.69	0.71	0.73
High-Tech Manufacturing	0.17	0.40	0.52	0.56	0.61	0.61	0.64	0.81	0.87	0.54	0.57	0.59	0.61	0.64
Services	0.04	0.12	0.21	0.29	0.39	0.48	0.56	0.68	0.79	0.82	0.84	0.85	0.86	0.88
Construction	-0.03	-0.06	-0.03	0.05	0.12	0.22	0.32	0.36	0.48	0.75	0.76	0.78	0.79	0.80
Public administration	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
Private consumption - total	0.08	0.20	0.30	0.37	0.44	0.51	0.58	0.70	0.80	0.73	0.74	0.76	0.78	0.80

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	0.00	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
High-Tech Manufacturing	0.23	0.54	0.70	0.75	0.81	0.82	0.85	1.07	1.14	0.69	0.72	0.75	0.79	0.82
Services	0.06	0.18	0.31	0.42	0.54	0.65	0.75	0.91	1.05	1.04	1.06	1.08	1.10	1.12
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	0.06	0.16	0.27	0.36	0.46	0.55	0.65	0.79	0.91	0.91	0.93	0.95	0.97	0.99
Public consumption - total	0.07	0.20	0.32	0.42	0.52	0.62	0.72	0.87	1.00	0.96	0.98	1.01	1.03	1.05

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	0.07	0.13	0.21	0.30	0.40	0.49	0.60	0.72	0.82	0.87	0.90	0.94	0.97
Manufacturing	0.06	0.18	0.29	0.40	0.51	0.61	0.71	0.87	1.00	0.99	1.01	1.04	1.06	1.08
High-Tech Manufacturing	0.16	0.42	0.60	0.71	0.83	0.91	1.01	1.24	1.37	1.07	1.09	1.12	1.14	1.17
Services	0.05	0.16	0.27	0.37	0.48	0.59	0.69	0.84	0.97	0.99	1.01	1.02	1.04	1.06
Construction	0.52	1.30	1.74	1.89	2.07	2.07	2.13	2.68	2.80	1.32	1.35	1.39	1.42	1.46
Public administration	0.06	0.16	0.27	0.36	0.46	0.55	0.65	0.79	0.91	0.91	0.93	0.95	0.97	0.99
Domestic sales - total	0.12	0.31	0.46	0.57	0.69	0.78	0.87	1.07	1.20	1.02	1.05	1.07	1.09	1.12

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	-0.03	-0.06	-0.05	0.00	0.06	0.15	0.24	0.30	0.41	0.62	0.70	0.77	0.84	0.90
Manufacturing	-0.10	-0.19	-0.15	-0.02	0.11	0.29	0.44	0.50	0.68	1.15	1.17	1.19	1.21	1.23
High-Tech Manufacturing	-0.16	-0.35	-0.36	-0.23	-0.11	0.09	0.26	0.25	0.44	1.21	1.22	1.23	1.25	1.26
Services	0.01	0.06	0.15	0.26	0.38	0.50	0.62	0.74	0.89	1.03	1.05	1.07	1.08	1.10
Construction	0.54	1.33	1.78	1.93	2.11	2.11	2.17	2.73	2.85	1.33	1.36	1.40	1.43	1.47
Public administration	0.06	0.16	0.27	0.36	0.46	0.55	0.65	0.79	0.91	0.91	0.93	0.95	0.97	0.99
Domestic production - total	0.02	0.09	0.19	0.31	0.43	0.56	0.69	0.82	0.98	1.09	1.11	1.13	1.15	1.17

Table 59: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.16	-0.34	-0.36	-0.27	-0.20	-0.06	0.04	0.00	0.11	0.67	0.66	0.66	0.66	0.66
Manufacturing	-0.13	-0.29	-0.32	-0.25	-0.18	-0.06	0.03	0.00	0.10	0.61	0.62	0.63	0.64	0.65
High-Tech Manufacturing	-0.20	-0.46	-0.55	-0.50	-0.45	-0.32	-0.22	-0.33	-0.23	0.58	0.59	0.60	0.60	0.61
Services	0.02	0.06	0.09	0.12	0.16	0.20	0.24	0.29	0.35	0.40	0.42	0.43	0.44	0.46
Construction	0.77	1.86	2.40	2.49	2.61	2.46	2.40	3.07	3.08	0.74	0.78	0.82	0.86	0.90
Public administration	0.07	0.18	0.25	0.29	0.34	0.38	0.42	0.52	0.58	0.48	0.49	0.51	0.52	0.54
Employment - total	0.07	0.17	0.24	0.29	0.35	0.39	0.43	0.53	0.59	0.50	0.51	0.53	0.54	0.56

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	-0.25	-0.47	-0.36	-0.03	0.27	0.66	0.97	1.02	1.37	2.46	2.36	2.28	2.21	2.15
Manufacturing	0.42	1.06	1.47	1.65	1.86	1.93	2.03	2.53	2.70	1.54	1.58	1.61	1.65	1.69
High-Tech Manufacturing	0.53	1.32	1.78	1.96	2.17	2.20	2.27	2.85	2.99	1.53	1.57	1.60	1.64	1.68
Services	0.76	1.86	2.44	2.59	2.77	2.69	2.71	3.44	3.52	1.27	1.32	1.37	1.41	1.46
Construction	1.07	2.61	3.40	3.58	3.80	3.67	3.66	4.67	4.77	1.62	1.70	1.78	1.86	1.94
Public administration	0.19	0.48	0.70	0.84	1.01	1.12	1.26	1.54	1.72	1.45	1.49	1.53	1.58	1.62
Total investments - total	0.66	1.63	2.16	2.33	2.53	2.50	2.54	3.20	3.32	1.40	1.44	1.48	1.52	1.56

Table 61: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.20	0.51	0.75	0.91	1.07	1.18	1.28	1.48	1.62	1.40	1.28	1.17	1.09	1.01
Manufacturing	0.43	1.00	1.24	1.25	1.27	1.18	1.15	1.46	1.47	0.41	0.45	0.49	0.52	0.55
High-Tech Manufacturing	0.38	0.90	1.17	1.24	1.32	1.30	1.32	1.67	1.73	0.78	0.82	0.86	0.89	0.93
Services	0.52	1.18	1.41	1.35	1.33	1.16	1.08	1.41	1.36	0.09	0.15	0.20	0.26	0.30
Construction	1.10	2.61	3.30	3.33	3.41	3.14	3.01	3.88	3.83	0.65	0.73	0.80	0.86	0.93
Public administration	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
Imports - total	0.41	0.96	1.22	1.25	1.30	1.23	1.22	1.55	1.58	0.57	0.61	0.64	0.67	0.70

Table 62: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.10	-0.25	-0.33	-0.34	-0.34	-0.29	-0.24	-0.29	-0.23	0.18	0.28	0.38	0.48	0.57
Manufacturing	-0.17	-0.40	-0.46	-0.40	-0.32	-0.17	-0.04	-0.10	0.05	0.89	0.91	0.94	0.97	0.99
High-Tech Manufacturing	-0.17	-0.40	-0.46	-0.40	-0.33	-0.17	-0.04	-0.11	0.04	0.92	0.94	0.95	0.97	0.99
Services	-0.16	-0.37	-0.40	-0.29	-0.19	-0.01	0.15	0.12	0.30	1.06	1.08	1.09	1.10	1.12
Construction	-0.03	-0.03	0.05	0.18	0.31	0.46	0.61	0.74	0.92	1.11	1.13	1.16	1.18	1.21
Public administration	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
Exports - total	-0.16	-0.38	-0.44	-0.36	-0.28	-0.12	0.01	-0.04	0.11	0.92	0.95	0.97	0.99	1.01

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	-0.14	-0.29	-0.30	-0.21	-0.14	-0.04	0.04	-0.01	0.06	0.48	0.43	0.38	0.33	0.30
Manufacturing	-0.10	-0.22	-0.25	-0.21	-0.17	-0.11	-0.07	-0.11	-0.07	0.20	0.19	0.19	0.18	0.17
High-Tech Manufacturing	-0.16	-0.35	-0.39	-0.33	-0.28	-0.18	-0.12	-0.18	-0.11	0.31	0.30	0.29	0.28	0.27
Services	-0.02	-0.04	-0.04	-0.04	-0.04	-0.04	-0.03	-0.04	-0.03	0.00	0.01	0.01	0.01	0.01
Construction	0.06	0.16	0.21	0.23	0.25	0.24	0.24	0.31	0.31	0.08	0.08	0.09	0.09	0.09
Public administration	-0.01	-0.02	0.00	0.02	0.04	0.06	0.08	0.09	0.10	0.13	0.13	0.14	0.14	0.14
Consumer price index	-0.06	-0.13	-0.14	-0.12	-0.10	-0.07	-0.04	-0.07	-0.04	0.11	0.11	0.10	0.10	0.09

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	-0.16	-0.33	-0.34	-0.23	-0.15	-0.02	0.07	0.01	0.10	0.60	0.53	0.46	0.40	0.34
Manufacturing	-0.08	-0.18	-0.20	-0.17	-0.14	-0.09	-0.06	-0.10	-0.07	0.16	0.15	0.14	0.13	0.12
High-Tech Manufacturing	-0.10	-0.21	-0.25	-0.22	-0.19	-0.14	-0.10	-0.15	-0.12	0.15	0.14	0.14	0.13	0.13
Services	-0.01	-0.03	-0.05	-0.05	-0.05	-0.05	-0.05	-0.06	-0.06	-0.02	-0.01	-0.01	-0.01	-0.01
Construction	0.06	0.16	0.21	0.23	0.24	0.24	0.24	0.30	0.30	0.08	0.08	0.09	0.09	0.09
Public administration	-0.01	-0.02	-0.01	0.01	0.03	0.05	0.06	0.07	0.09	0.12	0.12	0.12	0.12	0.12
Price index of total domestic production	-0.03	-0.08	-0.08	-0.07	-0.06	-0.03	-0.02	-0.03	-0.02	0.08	0.07	0.07	0.07	0.06

Spain

Scenario: Co-financing scenario

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

Spain (mil. euro, current prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	1,149	2,900	3,867	4,088	4,356	4,109	4,010	5,412	5,412	35,305
Structural funds	1,034	2,608	3,478	3,677	3,918	3,696	3,607	4,868	4,868	31,753
<i>Productive environment</i>	193	488	650	688	733	691	674	910	910	5,938
Manufacturing	110	278	371	392	418	394	385	519	519	3,388
Services	83	209	279	295	315	297	290	391	391	2,550
<i>Human resources</i>	313	790	1,054	1,114	1,187	1,120	1,093	1,475	1,475	9,621
<i>Infrastructure</i>	519	1,309	1,746	1,846	1,967	1,855	1,811	2,444	2,444	15,940
<i>Rest (services)</i>	8	21	28	29	31	30	29	39	39	254
Cohesion funds	116	292	389	411	438	413	403	545	545	3,552

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

Spain (mil. euro, 2004 prices)	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Structural and cohesion funds	1,083	2,679	3,502	3,630	3,793	3,507	3,356	4,440	4,353	30,343
Structural funds	974	2,410	3,150	3,265	3,411	3,154	3,018	3,993	3,915	27,290
<i>Productive environment</i>	182	451	589	611	638	590	564	747	732	5,103
Manufacturing	104	257	336	348	364	337	322	426	418	2,912
Services	78	194	253	262	274	253	242	321	314	2,191
<i>Human resources</i>	295	730	954	989	1,034	956	914	1,210	1,186	8,269
<i>Infrastructure</i>	489	1,210	1,581	1,639	1,712	1,584	1,515	2,005	1,965	13,700
<i>Rest (services)</i>	8	19	25	26	27	25	24	32	31	218
Cohesion funds	109	270	352	365	382	353	338	447	438	3,053

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

Spain (% 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	0.05	0.16	0.30	0.45	0.61	0.77	0.92	1.11	1.31	1.39	1.41	1.44	1.46	1.49
Private consumption	0.02	0.06	0.14	0.23	0.34	0.46	0.57	0.68	0.83	1.02	1.04	1.07	1.10	1.12
Government consumption	0.07	0.21	0.35	0.49	0.64	0.77	0.91	1.10	1.28	1.29	1.31	1.34	1.36	1.39
Gross fixed investment	0.80	1.97	2.62	2.83	3.07	3.04	3.09	3.90	4.04	1.70	1.75	1.79	1.84	1.88
Exports	-0.16	-0.36	-0.40	-0.29	-0.17	0.02	0.19	0.17	0.38	1.22	1.25	1.28	1.30	1.33
Imports	0.41	0.97	1.23	1.28	1.35	1.30	1.32	1.67	1.74	0.75	0.80	0.84	0.89	0.93

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	0.07	0.17	0.26	0.33	0.40	0.46	0.52	0.64	0.73	0.66	0.68	0.70	0.72	0.73
Number of unemployed	-0.52	-1.35	-1.97	-2.39	-2.86	-3.20	-3.59	-4.40	-4.93	-4.15	-4.27	-4.39	-4.50	-4.62
Active population	0.00	0.00	0.01	0.02	0.04	0.05	0.07	0.08	0.10	0.13	0.13	0.13	0.14	0.14
Unemployment rate (%)	11.04	10.95	10.88	10.83	10.78	10.74	10.69	10.60	10.54	10.63	10.61	10.60	10.59	10.57
Unemployment rate (% points difference with BAU)	-0.06	-0.15	-0.22	-0.27	-0.32	-0.36	-0.41	-0.50	-0.56	-0.47	-0.49	-0.50	-0.51	-0.53

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	0.08	0.22	0.34	0.43	0.53	0.63	0.72	0.88	1.02	0.97	0.99	1.02	1.04	1.06
Household real consumption	0.02	0.06	0.14	0.23	0.34	0.46	0.57	0.68	0.83	1.02	1.04	1.07	1.10	1.12
Household real savings	0.03	0.08	0.16	0.27	0.38	0.52	0.65	0.78	0.95	1.19	1.22	1.24	1.26	1.28
Propensity to save (%)	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.13	6.13	6.13	6.13	6.13
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	0.07	0.18	0.26	0.32	0.38	0.43	0.48	0.60	0.67	0.57	0.59	0.60	0.62	0.63
Real average return to capital	0.09	0.21	0.26	0.27	0.29	0.30	0.33	0.41	0.45	0.35	0.34	0.33	0.32	0.31

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	0.09	0.22	0.28	0.30	0.35	0.39	0.45	0.59	0.68	0.59	0.68	0.75	0.82	0.89
Manufacturing	0.05	0.13	0.21	0.29	0.38	0.47	0.57	0.69	0.82	0.92	0.95	0.98	1.01	1.04
High-Tech Manufacturing	0.10	0.24	0.32	0.38	0.45	0.51	0.59	0.72	0.83	0.80	0.83	0.86	0.89	0.92
Services	-0.02	-0.03	0.05	0.17	0.30	0.45	0.59	0.69	0.86	1.16	1.18	1.20	1.21	1.23
Construction	-0.13	-0.27	-0.28	-0.17	-0.06	0.11	0.25	0.26	0.44	1.09	1.10	1.12	1.13	1.15
Public administration	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
Private consumption - total	0.01	0.05	0.12	0.22	0.33	0.45	0.57	0.68	0.83	1.03	1.06	1.08	1.11	1.13

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	0.00	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
High-Tech Manufacturing	0.22	0.54	0.71	0.78	0.86	0.90	0.97	1.21	1.32	0.92	0.96	1.00	1.04	1.08
Services	0.07	0.21	0.36	0.51	0.67	0.82	0.97	1.17	1.36	1.38	1.40	1.42	1.45	1.47
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	0.05	0.16	0.28	0.41	0.55	0.68	0.82	0.99	1.16	1.23	1.25	1.28	1.30	1.33
Public consumption - total	0.07	0.21	0.35	0.49	0.64	0.77	0.91	1.10	1.28	1.29	1.31	1.34	1.36	1.39

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	0.10	0.21	0.33	0.47	0.60	0.73	0.90	1.13	1.18	1.23	1.27	1.31
Manufacturing	0.05	0.17	0.30	0.44	0.59	0.74	0.89	1.07	1.25	1.32	1.35	1.38	1.41	1.44
High-Tech Manufacturing	0.19	0.48	0.71	0.86	1.02	1.13	1.26	1.55	1.73	1.39	1.42	1.45	1.48	1.51
Services	0.04	0.13	0.26	0.40	0.55	0.71	0.85	1.02	1.21	1.33	1.35	1.37	1.40	1.42
Construction	0.64	1.58	2.12	2.31	2.53	2.54	2.62	3.29	3.45	1.63	1.67	1.71	1.75	1.79
Public administration	0.05	0.16	0.28	0.41	0.55	0.68	0.82	0.99	1.16	1.23	1.25	1.28	1.30	1.33
Domestic sales - total	0.12	0.33	0.51	0.66	0.82	0.94	1.08	1.32	1.50	1.35	1.38	1.41	1.44	1.47

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	-0.04	-0.07	-0.05	0.03	0.11	0.23	0.35	0.44	0.59	0.85	0.95	1.05	1.13	1.21
Manufacturing	-0.10	-0.18	-0.11	0.06	0.24	0.46	0.66	0.75	0.99	1.53	1.56	1.58	1.61	1.63
High-Tech Manufacturing	-0.15	-0.31	-0.28	-0.11	0.07	0.31	0.52	0.56	0.81	1.59	1.60	1.61	1.63	1.64
Services	0.00	0.04	0.15	0.30	0.46	0.63	0.80	0.94	1.14	1.39	1.41	1.43	1.45	1.47
Construction	0.65	1.61	2.17	2.36	2.59	2.59	2.66	3.35	3.50	1.64	1.68	1.72	1.76	1.80
Public administration	0.05	0.16	0.28	0.41	0.55	0.68	0.82	0.99	1.16	1.23	1.25	1.28	1.30	1.33
Domestic production - total	0.03	0.11	0.25	0.41	0.57	0.74	0.91	1.09	1.29	1.44	1.47	1.49	1.52	1.54

Table 75: Employment (% change compared to BAU)

Employment	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.19	-0.40	-0.42	-0.31	-0.20	-0.03	0.11	0.06	0.21	0.90	0.89	0.89	0.89	0.89
Manufacturing	-0.14	-0.30	-0.31	-0.21	-0.12	0.02	0.14	0.13	0.26	0.81	0.83	0.84	0.85	0.86
High-Tech Manufacturing	-0.18	-0.42	-0.49	-0.41	-0.34	-0.20	-0.08	-0.16	-0.03	0.75	0.76	0.77	0.77	0.78
Services	-0.01	-0.01	0.02	0.06	0.12	0.19	0.25	0.30	0.38	0.56	0.58	0.59	0.61	0.63
Construction	0.93	2.26	2.92	3.02	3.16	2.97	2.89	3.71	3.71	0.82	0.88	0.93	0.98	1.02
Public administration	0.06	0.16	0.24	0.31	0.37	0.43	0.49	0.60	0.69	0.64	0.66	0.67	0.69	0.71
Employment - total	0.07	0.17	0.26	0.33	0.40	0.46	0.52	0.64	0.73	0.66	0.68	0.70	0.72	0.73

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	-0.32	-0.61	-0.47	-0.06	0.32	0.81	1.20	1.25	1.70	3.10	2.97	2.85	2.76	2.68
Manufacturing	0.48	1.23	1.72	1.95	2.20	2.29	2.42	3.02	3.22	1.88	1.93	1.97	2.01	2.05
High-Tech Manufacturing	0.63	1.58	2.14	2.37	2.61	2.65	2.74	3.43	3.61	1.83	1.87	1.91	1.95	2.00
Services	0.94	2.30	3.02	3.21	3.44	3.34	3.35	4.26	4.37	1.54	1.60	1.66	1.71	1.77
Construction	1.27	3.10	4.05	4.25	4.51	4.34	4.32	5.52	5.62	1.80	1.90	2.00	2.09	2.18
Public administration	0.18	0.46	0.69	0.87	1.07	1.23	1.40	1.71	1.94	1.75	1.80	1.85	1.90	1.94
Total investments - total	0.81	1.99	2.65	2.86	3.10	3.07	3.12	3.94	4.08	1.70	1.75	1.80	1.84	1.89

Table 77: Imports (% change compared to BAU)

Imports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	0.12	0.34	0.57	0.79	1.01	1.20	1.36	1.55	1.77	1.88	1.72	1.59	1.48	1.38
Manufacturing	0.41	0.96	1.20	1.21	1.25	1.18	1.17	1.50	1.54	0.57	0.62	0.66	0.70	0.74
High-Tech Manufacturing	0.41	0.98	1.28	1.37	1.48	1.48	1.52	1.92	2.02	1.01	1.05	1.10	1.14	1.19
Services	0.49	1.10	1.31	1.24	1.21	1.06	1.00	1.32	1.30	0.15	0.23	0.30	0.37	0.43
Construction	1.26	2.99	3.79	3.82	3.92	3.61	3.46	4.48	4.43	0.72	0.81	0.90	0.98	1.06
Public administration	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
Imports - total	0.41	0.97	1.23	1.28	1.35	1.30	1.32	1.67	1.74	0.75	0.80	0.84	0.89	0.93

Table 78: Exports (% change compared to BAU)

Exports	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agriculture	-0.09	-0.21	-0.27	-0.28	-0.27	-0.22	-0.16	-0.17	-0.10	0.25	0.39	0.51	0.63	0.75
Manufacturing	-0.17	-0.38	-0.43	-0.33	-0.22	-0.03	0.14	0.10	0.30	1.17	1.21	1.24	1.27	1.30
High-Tech Manufacturing	-0.16	-0.38	-0.42	-0.32	-0.22	-0.03	0.14	0.10	0.30	1.21	1.23	1.25	1.27	1.30
Services	-0.16	-0.35	-0.35	-0.21	-0.06	0.16	0.35	0.37	0.60	1.41	1.43	1.44	1.46	1.48
Construction	0.00	0.04	0.17	0.33	0.51	0.69	0.87	1.06	1.29	1.42	1.45	1.47	1.50	1.53
Public administration	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
Exports - total	-0.16	-0.36	-0.40	-0.29	-0.17	0.02	0.19	0.17	0.38	1.22	1.25	1.28	1.30	1.33

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	-0.15	-0.32	-0.32	-0.21	-0.12	0.01	0.10	0.05	0.15	0.64	0.56	0.50	0.45	0.40
Manufacturing	-0.10	-0.22	-0.24	-0.19	-0.15	-0.08	-0.03	-0.06	-0.01	0.27	0.26	0.25	0.24	0.23
High-Tech Manufacturing	-0.16	-0.34	-0.37	-0.29	-0.23	-0.12	-0.04	-0.09	-0.02	0.41	0.40	0.38	0.37	0.36
Services	-0.02	-0.05	-0.06	-0.06	-0.06	-0.05	-0.04	-0.06	-0.05	0.01	0.01	0.02	0.02	0.02
Construction	0.09	0.22	0.30	0.32	0.34	0.32	0.32	0.41	0.41	0.09	0.10	0.10	0.10	0.11
Public administration	-0.01	0.00	0.01	0.04	0.06	0.09	0.11	0.12	0.14	0.16	0.16	0.16	0.16	0.16
Consumer price index	-0.06	-0.14	-0.15	-0.12	-0.10	-0.06	-0.03	-0.05	-0.02	0.15	0.15	0.14	0.13	0.13

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	-0.18	-0.37	-0.36	-0.23	-0.11	0.05	0.16	0.09	0.20	0.79	0.69	0.61	0.53	0.46
Manufacturing	-0.08	-0.18	-0.19	-0.15	-0.12	-0.07	-0.03	-0.06	-0.02	0.21	0.20	0.18	0.17	0.16
High-Tech Manufacturing	-0.10	-0.21	-0.23	-0.19	-0.16	-0.11	-0.07	-0.11	-0.07	0.19	0.19	0.18	0.17	0.17
Services	-0.02	-0.05	-0.06	-0.07	-0.07	-0.07	-0.06	-0.08	-0.08	-0.01	-0.01	-0.01	-0.01	0.00
Construction	0.09	0.22	0.29	0.31	0.33	0.32	0.31	0.40	0.40	0.09	0.09	0.10	0.10	0.11
Public administration	-0.01	-0.01	0.00	0.03	0.05	0.07	0.09	0.10	0.12	0.14	0.14	0.14	0.14	0.14
Price index of total domestic production	-0.04	-0.08	-0.08	-0.06	-0.05	-0.02	0.00	-0.01	0.00	0.10	0.10	0.09	0.09	0.08