

(001) Acoeff[Agriculture,industry]=	
0.167472,	
0.000380074,	Acoeff[Nonfinancial and Social
9.13003e-05,	Economy,industry]=
0.0516318,	0.10197,
0.000122952,	0.20799,
0.000416129,	0.15909,
0.00174482,	0.187263,
1.8088e-05,	0.0772335,
0.000662043,	0.103679,
1.15517e-05	0.272913,
Acoeff[Mining,industry]=	0.16702,
8.4066e-05,	0.133588,
0.000761629,	1.15517e-05
0.0268084,	Acoeff[Financial sector,industry]=
0.000371386,	0.0271606,
0.00589989,	0.0340374,
9.50061e-05,	0.0116941,
7.82487e-06,	0.0130938,
1.42486e-06,	0.00641535,
1.22087e-05,	0.0471313,
1.15517e-05	0.0283391,
Acoeff[Fossil Energy,industry]=	0.298886,
p FF i[industry]*(share FF	0.0124657,
i[industry])/avg etaEN i[industry]	1.15517e-05
Acoeff[Manufacturing,industry]=	Acoeff[Public sector,industry]=
0.162113,	1.15517e-05,
0.104121,	1.15517e-05,
0.0452253,	1.15517e-05,
0.174712,	1.15517e-05,
0.0216767,	1.15517e-05,
0.0606864,	1.15517e-05,
0.0345391,	1.15517e-05,
0.00568231,	1.15517e-05,
0.0233401,	1.15517e-05,
1.15517e-05	1.15517e-05
Acoeff[Electricity,industry]=	Acoeff[Other, industry]=
p ELG i[industry]*share ELG	1.15517e-05,
i[industry])/avg etaEN i[industry]	1.15517e-05,
Acoeff[Construction,industry]=	1.15517e-05,
0.00520261,	1.15517e-05,
0.0249252,	1.15517e-05,
0.0315673,	1.15517e-05,
0.00865159,	1.15517e-05,
0.0170911,	1.15517e-05,
0.0993529,	1.15517e-05,
0.0318397,	1.15517e-05,
0.0352749,	
0.0200364,	(004) Act Carbon=
1.15517e-05	0

(006)	act Dep= 0	coef CO2 HH[liquid]= 9.304 coef CO2 HH[gas]= 4.1868
(007)	act DG= 0	(072) coef H week i[industry]= 1.23, 0.93, 0.91, 0.94, 0.88, 1.02, 0.88, 0.91, 0.89, 0.69
(011)	act Nucl zero= 0	
(012)	act strong DG= 0	
(017)	alphaV j[skill]= 0.2,0.8,0.7	
(018)	alphaV Kap= 0.8	(073) coef initial Debt i[industry] :EXCEPT: [Manufacturing],[Public sector],[Mining]= 0.4 coef initial Debt i[Manufacturing]= 0.2 coef initial Debt i[Public sector]= 0.2 coef initial Debt i[Mining]= 0.2
(046)	BI P= 0	
(049)	BI total per capita= 5580	
(058)	CO2 for carbon Tax[Agriculture]= 0 CO2 for carbon Tax[Mining]= CO2 i[Mining] CO2 for carbon Tax[Fossil Energy]= 0 CO2 for carbon Tax[Manufacturing]= CO2 i[Manufacturing] CO2 for carbon Tax[Electricity]= 0 CO2 for carbon Tax[Construction]= CO2 i[Construction] CO2 for carbon Tax[Nonfinancial and Social Economy]= CO2 i[Nonfinancial and Social Economy]-4000 CO2 for carbon Tax[Financial sector]= CO2 i[Financial sector] CO2 for carbon Tax[Public sector]= 0 CO2 for carbon Tax[Other]= CO2 i[Other]	(074) coef Job polarization j[skill]= 1.5, -5, 3.5 (075) coef k nonprod= 0.0365 (076) coef lambda impact j[skill]= 0.99, 0.985, 1.052 (077) coef Lev= 0.37 (078) coef pEN[industry]= 0,0,0,0,0,0,0,0,0,0 (079) coef taxD613= 0.85
(068)	coef CO2 HH[solid]= 11.1648	(080) coefCO2 nrg i[solid,industry]=

31.5078,	4000*p ETS
12.7689,	cost ETS i[Financial sector]=
8.12759,	0
3.80622,	cost ETS i[Public sector]=
4.21522,	0
14.8784,	cost ETS i[Other]=
2.04149,	0
2.24079,	
6.76154,	(083) coverage RSAj ratio[skill]=
0	0.451 , 0 , 0
coefCO2 nrg i[liquid,industry]=	(084) coverage UB ratio=
26.2565,	0.8
10.6407,	
6.77299,	(088) CR yearly=
3.17185,	0.0161
3.51268,	
12.3987,	(096) d inventories[industry]=
1.70124,	5541.64,
1.86733,	257.899,
5.63461,	-264.123,
0	402.88,
coefCO2 nrg i[gas,industry]=	1.07322,
11.8154,	929.592,
4.78833,	960.643,
3.04785,	1.43269,
1.42733,	0,
1.58071,	0
5.57941,	
0.765558,	(116) delta Vjf[low,deposits]=
0.840298,	0
2.53558,	delta Vjf[low,bonds]=
0	0
	delta Vjf[low,equities]=
(082) cost ETS i[Agriculture]=	0
0	delta Vjf[middle,deposits]=
cost ETS i[Mining]=	0
0	delta Vjf[middle,bonds]=
cost ETS i[Fossil Energy]=	0
(CO2 i[Fossil Energy]-Free ETS	delta Vjf[middle,equities]=
i[Fossil Energy])*p ETS	0
cost ETS i[Manufacturing]=	delta Vjf[high,deposits]=
(CO2 i[Manufacturing]*0.61 -	delta Dep high
Free ETS i[Manufacturing])*p ETS	delta Vjf[high,bonds]=
cost ETS i[Electricity]=	delta B high
(CO2 i[Electricity]-Free ETS	delta Vjf[high,equities]=
i[Electricity])*p ETS	delta Eq high
cost ETS i[Construction]=	
0	(118) depr k i[industry]=
cost ETS i[Nonfinancial and Social	0.0134,
Economy]=	0.0035,

List of Constants

	0.016,		
	0.0216,	(161)	Free ETS i[Agriculture]=
	0.014,		0
	0.0037,		Free ETS i[Mining]=
	0.0252,		0
	0.0093,		Free ETS i[Fossil Energy]=
	0.01,		32458.1*share EN ETS[Fossil
	0.01		Energy]
(120)	Dvd j[low]=		Free ETS i[Manufacturing]=
	0		48000*(1-ramp(0.08333,0,6))
	Dvd j[middle]=		Free ETS i[Electricity]=
	share Eq middle * Tot Dvd		32458.1*share EN
	Dvd j[high]=		ETS[Electricity]
	share Eq high * Tot Dvd		Free ETS i[Nonfinancial and Social
			Economy]=
			2047.42
(122)	Dvd ratio=		Free ETS i[Financial sector]=
	0.3		0
			Free ETS i[Public sector]=
(124)	elast k uc=		0
	2.5		Free ETS i[Other]=
			0
(125)	elast p exp=	(168)	g EXP exog rate=
	0.8		-0.0005
(137)	eps k i[industry]=	(171)	g Gov FD exog=
	0.5,		0.006
	0.19,	(177)	gamma ELG gas[nrg]=
	6.1,		0.003,
	1.35,		0.1574,
	0.79,		0.1432,
	0.21,		0.6963
	1.5,	(178)	gamma1[industry]=
	1.81,		1,1,1,1,1,1,1,1,1
	0.359,		
	0.5		
(142)	EqDebt ratio=	(180)	gamma2 threshold=
	0.133		0.6
(148)	eta growth exog[industry]=	(182)	gamma3 threshold=
	0.0025		0.3
(152)	Extra Dvd i[industry]=	(184)	gamma4 threshold=
	0		0.65
(154)	fertility=	(231)	h week=
	2.11		35.093
(157)	FINAL TIME = 36		

(236)	Id[from Industry,toIndustry]=TABBED	0.315638,
	ARRAY(0,
	1 0 0 0	0.479121,
	0 0 0 0	5.49079e-09,
	0	0
	0 1 0 0	
	0 0 0 0	(332) JG Zserv share i[industry]=
	0	0.00455526,
	0 0 1 0	1.99355e-05,
	0 0 0 0	0.0153918,
	0	0.0901731,
	0 0 0 1	0.0202328,
	0 0 0 0	0.0831259,
	0	0.534385,
	0 0 0 0	0.252116,
	1 0 0 0	1.66129e-09,
	0	0
	0 0 0 0	
	0 1 0 0	(335) jump share Elec=
	0	0.005
	0 0 0 0	
	0 0 1 0	(340) kappa pk i[industry]=
	0	0,0,0,0.1624,0,0.4616,0.376,0,0,0
	0 0 0 0	
	0 0 0 1	
	0	
	0 0 0 0	(355) lambda sens p i[industry]=
	0 0 0 1	10,10,50,50,50,50,30,30,0,0
	0	
	0 0 0 0	
	0 0 0 0	(364) life expectancy=
	1)	80
		(369) magic CVj=
(253)	Infl Target=	0.091
	0.02	
		(370) markup i[industry]=
(318)	JG maxNE=	0.003,
	300000	-0.0138,
		0.0763,
(322)	JG Serv share=	0.0431,
	0.5	0.1237,
		0.104,
(326)	JG Z h=	0.0557,
	13.09	0,
		0,
		0
(329)	JG ZEco share i[industry]=	
	0.00132328,	
	0.000301994,	(389) mu GFCFi[industry]=
	0.00601242,	0.2,0.2,0.2,0.2,0.2,0.2,0.2,0.2,0.2,0.2
	0.192798,	
	0.00480445,	

List of Constants

(392)	multip taxV g alpha= -550	1
(404)	n weeks= 43	(451) p nrg rate exog[nrg]= 0,0,0,0
(414)	omega gNE j[skill]= 0.5, 0.5, 0.7	(461) pop eq= 2100
(415)	omega gNU j[skill]= 0.15, 0.15, 0.25	(475) PW ratio= 0.799
(416)	omega lambda j[skill]= 0.7, 0.7, 0.9	(501) reproductive lifetime = 30
(417)	omega1= 0	(516) s Gas HH= 0.30142
(434)	p elast= 1	(520) s oil Elec= 0.003726
(435)	p ELG i[industry]= 1.04783, 1.38832, 0.348861, 0.618738, 0.513925, 1.99795, 2.99241, 0.201499, 0.210256, 1	(528) seed= 1
(440)	p FF i[industry]= 0.304167, 0.772913, 0.709829, 0.210828, 0.0548595, 1.85902, 0.203779, 0.353011, 0.289806,	(529) sens BCE= 0.5
		(530) sens GFCGi cash[industry]= 0.01,0.1,0.01,0.1,0.1,0.1,0.1,0.1,0,0
		(532) sens k uc i[industry]= 0.05, 0.05, 0.05, 0.03, 0.01, 0.02, 0.03, 0.05, 0.02, 0
		(537) share Ci[Agriculture]= 0.0166039 share Ci[Mining]= 0.000140174 share Ci[Fossil Energy]= 0.0234384 share Ci[Manufacturing]=

0.173117	0.260951,
share Ci[Electricity]=	0.901985,
0.0299639	0.179163,
share Ci[Construction]=	0.0803069,
0.234827	0.571632,
share Ci[Nonfinancial and Social	0.571632,
Economy]=	0.571632
0.403315 *	
(1 - MIN((550) share GFCF imp i[industry]=
SMOOTH(JG PubPriv	5.32569e-05,
ratio*subs PubPriv Serv,3)	8.01851e-05,
,share Services)	7.97326e-05,
)	0.102489,
share Ci[Financial sector]=	0,
0.0506149	0,
share Ci[Public sector]=	0.0249391,
0.0650389	0,
share Ci[Other]=	0,
0.00294085	0
(538) share Cimp i[industry]=	(552) share Gov C[industry]=
0.3265,	0,
0,	0,
0.2487,	0,
0.5204,	0,
0,	0,
0,	0,
0.0746,	0.19279,
0,	0,
0,	0.806463,
0	0.000747403
	(553) share Gov imp=
	0.0311997
(539) share E full time i[industry]=	(567) share Services=
0.7,	0.25
0.7,	
0.7,	(572) share Vf Kap[wealth]=
0.7,	0.0176702, 0.509867, 0.472463
0.7,	
0.7,	(574) share Vjf[skill,wealth]=TABBED ARRAY(
0.7,	1 0 0
0.7,	0.687906 0.312094
0.7,	0
0.7	0.180301 0.765709
	0.0539907)
(540) share Elect i[industry]=	(576) share Zimp ii[Agriculture, industry]=
0.198986,	0.0125766,
0.366864,	6.36127e-05,
0.598153,	

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0.00011268,	0.0138821,
0.00446792,	0
0.00011993,	
0.000206554,	(577) sigma ji[skill,industry]=TABBED ARRAY(
0.000291762,	0.241 0.351 0.191 0.191
2.56876e-05,	0.056 0.228 0.182 0.049 0.141
4.93477e-05,	0.268
0	0.587 0.425 0.515 0.515
share Zimp ii[Mining,industry]=	0.447 0.56 0.441 0.267 0.388
0.00137329,	0.471
0.0107327,	0.172 0.224 0.294 0.294
0.368257,	0.497 0.212 0.377 0.689 0.471
0.00538495,	0.261)
0.0810478,	
0.00199799,	(579) sort order for gini[for gini]=
0.000218595,	0
4.43599e-05,	
0.000220516,	(591) subs PubPriv Serv=
0	1
share Zimp ii[Fossil Energy,industry]=	
0.015658,	(592) Tax BCA i[industry] :EXCEPT:
0.0135959,	[Agriculture]=
0.033025,	Imp CO2 i[industry]*Carbon Tax
0.0077773,	rate 2030*act BCA
0.00402143,	Tax BCA i[Agriculture]=
0.00327355,	0
0.00663166,	
0.000550322,	(605) taxA E base=
0.00166223,	0.9825
0	
share Zimp ii[Manufacturing,industry]=	(606) taxA E rate=
0.0725953,	0.097
0.0925579,	
0.0805233,	(608) taxA P rate=
0.164392,	0.088
0.0389104,	
0.0615788,	(610) taxA U base=
0.0265154,	0.9825
0.00374814,	
0.018303,	(611) taxA U rate=
0	0.067
share Zimp ii[Nonfinancial and Social	
Economy,industry]=	(613) taxB E 2 rate=
0.0148958,	0.14
0.0257121,	
0.0929613,	(614) taxB E 3 rate=
0.0277415,	0.3
0.0275472,	
0.0196021,	(615) taxB E 4 rate=
0.0326719,	0.41
0.023365,	

(616) taxB E 5 rate= 0.45	(643) Time HLP= 50
(623) taxD12 rate i[industry]= 0.4313, 0.3991, 0.6987, 0.372, 0.8171, 0.2596, 0.3186, 0.4355, 0.5065, 0.1706	(644) Time JG= 50 (646) TIME STEP = 1 (647) Time WTR= 50
(624) taxD613 E rate= 0.14	(713) UBW ratio= 0.57 (716) uc i normal[industry]= 0.75, 0.75, 0.75, 0.8, 0.7, 0.8, 0.8, 0.7, 0.75, 0.7
(626) taxD613 P rate= 0.073	(724) VOf weights[wealth]= 0.00122222, 0.0352667, 0.0326795
(628) taxD613 U rate= 0.053	(725) VOf weights[skill,wealth]=TABBED ARRAY(0.022 0 0 0.0777333 0.0352667 0 0.143489 0.609375 0.0429675)
(632) taxFin rate= 0.3	(734) WTR reduction= 5.09
(634) taxVAT rate i[industry]= 0.045, 0.1, 0.2, 0.15, 0.2, 0.12, 0.177, 0.2, 0.055, 0.1	
(639) Time BI= 50	
(640) Time CR= 50	
(641) Time ENmix= 50	
(642) time HEFF= 50	