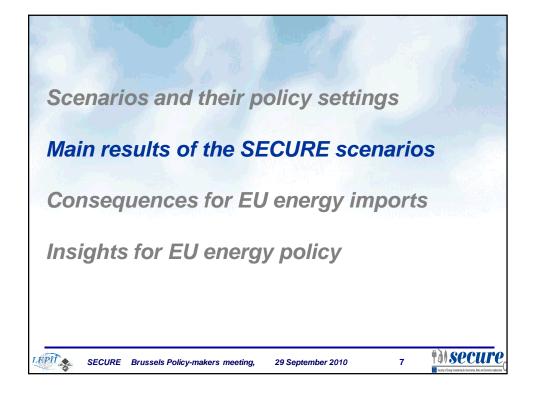
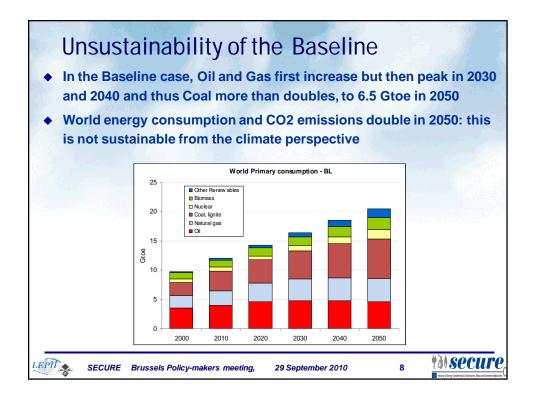
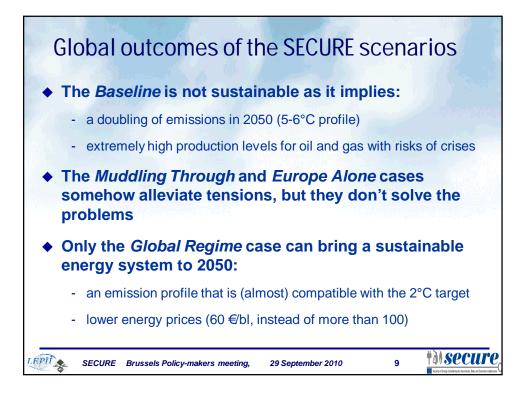


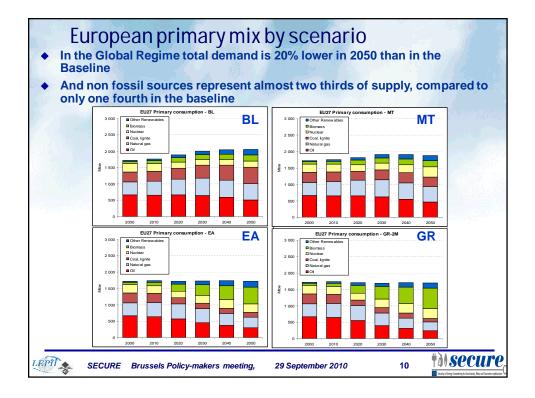
	litaria.	. Aller		ΔT °C ◄	- 2	2050/200	0
Category	Radiative forcing	CO2 concentration ^{e)} (ppm)	CO ₂ -eq concentration ^{e)} (ppm)	2152,3.10/4 Global mean temperature increase above pre- industrial at equilibrium, using "best estimate" climate sensitivity ⁸ , c) (°C)	Peaking year for CO ₂ emissions ^{d)}	Change in global CO ₂ emissions in 2050 (% of 2000 emissions) ⁴	No. of assessed scenarios
	2.5-3.0	350-400	445-490	2.0-2.4	2000-2015	-85 to -50	6
Ш	3.0-3.5	400-440	490-535	2.4-2.8	2000-2020	-60 to -30	18
	3.5-4.0	440-485	535-590	2.8-3.2	2010-2030	-30 to +5	21
IV	4.0-5.0	485-570	590-710	3.2-4.0	2020-2060	+10 to +60	118
V	5.0-6.0	570-660	710-855	40-49	2050-2080	+25 to +85	9
VI	6.0-7.5	660-790	855-1130	4.9-6.1	2060-2090	+90 to +140	5

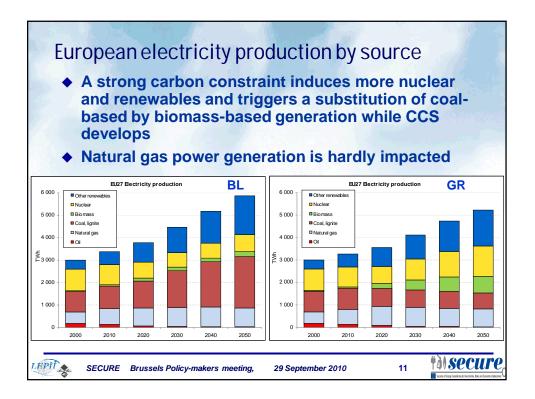
S	ECURE scenarios	s, hypothes	es and out	comes
		Carbon Price 2050 (€tCO2)	Emissions 2050 / 1990	AR4 categories
	Baseline	0	134%	Type VI (5-6°C) 700 CO2
1	Muddling Through	40 in Eur 32 in RoW	72% (EU: -21%)	Type IV (3-4°C) 500 CO2
	MT E+	89 in Eur 32 in RoW	67% (EU: -40%)	Type IV (3-4°C) 500 ⁻ CO2
	Europe Alone	185 in Eur 32 in RoW	59% (EU: -60%)	Type IV (3-4°C) 500 ⁻ CO2
	Global Regime	392 in A1 257 in NA1	(2050/2000) - 50% (Annex 1: -80%)	Type II (2-3°C) 400 CO2
LEPI	SECURE Brussels Policy-n	nakers meeting, 29 S	eptember 2010	6 Scale of Section 1

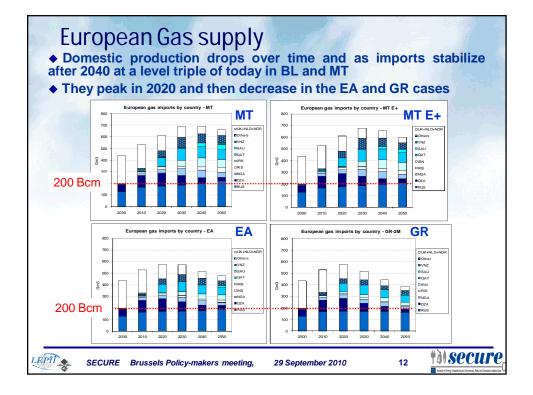


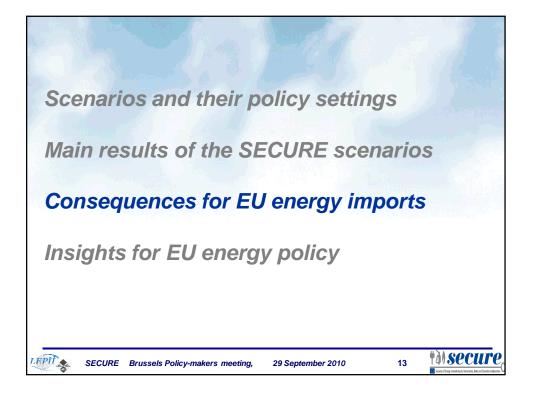


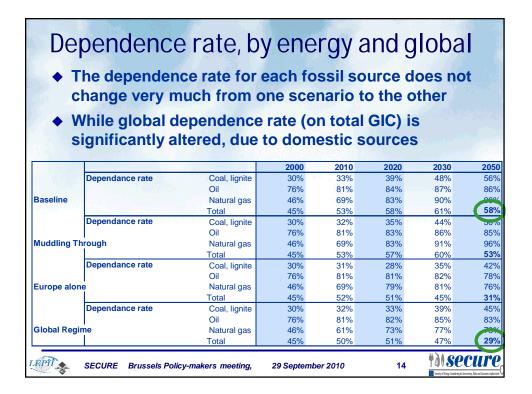












•	Contemporation Contemporatin Contemporation Contemporation Contemporation Contemp			116		smalle	ər
	In terms of glo Mtoe is not ec				-	of 20	0
			2000	2010	2020	2030	205
	GIC (Mtoe)		1725	1764	1883	2004	205
	Imports (Mtoe)	Coal, lignite	-94	-102	-130	-191	-28
Baseline		Oil	-505	-532	-560	-564	-11
		Natural gas	-180	-293	-393	-473	-47
	GIC (Mtoe)		1725	1759	1820	1011	100
	Imports (Mtoe)	Coal, lignite	-94	-95	-96	-132	-14
Muddling Through		Oil	-505	-532	-543	-537	-39
		Natural gas	-180	-298	-399	-471	-44
	GIC (Mtoe)		1725	1741	1723	1731	172
	Imports (Mtoe)	Coal, lignite	-94	-88	-50	-58	-6
Europe alo	ne	Oil	-505	-524	-466	-378	-23
		Natural gas	-180	-292	-365	-350	-24
	GIC (Mtoe)		1725	1748	1802	1845	172
	Imports (Mtoe)	Coal, lignite	-94	-91	-76	-80	-7
Global Reg	gime	Oil	-505	-526	-497	128	-
		Natural gas	-180	-260	-351	-359	-20
	SECURE Brussels Po	licy-makers meeting,	29 Septemb	er 2010	15	*31 <i>Se</i>	cure

+ Fi	Value of en rom 1.8% of EU om 0.5%(GR) to	GDP (EA	.) to 2.2%	% (BL)	in 2020) and	
	And the second s		2000	2010	2020	2030	2050
	Value of imports (G€05)	Coal, lignite	4.9	8.8	12.3	19.7	34.1
		Oil	96.1	202.6	250.6	310.6	359.1
Baseline		Natural gas	24.1	69.0	00.9	139.5	210.2
		Total	125.1	280.4	362.8	469.8	603.5
	Value of imports (G€05)	Coal, lignite	4.9	8.2	0.0	13.2	10.4
		Oil	96.1	202.7	240.7	284.4	291.3
Muddling T	hrough	Natural gas	24.1	70.3	101.5	133.8	183.1
		Total	125.1	281.2	351.2	431.5	490.9
	Value of imports (G€05)	Coal, lignite	4.9	7.5	4.7	5.7	6.8
		Oil	96.1	196.3	201.6	191.9	160.2
Europe alone		Natural gas	24.1	69.1	94.6	98.1	95.3
		Total	125.1	272.9	300.9	295.7	262.4
	Value of imports (G€05)	Coal, lignite	4.9	7.8	6.8	7.6	7.9
		Oil	96.1	197.8	208.8	199.8	70.6
Global Reg	Global Regime		24.1	61.9	07.5	91.0	40.0
		Total	125.1	267.5	303.1	298.3	124.1
LEPI	SECURE Brussels Policy-	makers meeting,	29 Septemb	per 2010	16	<u>+3150</u>	<u>cure</u>

Risk _{c/e} =	Probability _e	x Magnitude _e	x Vulnerability _{c/e}
Muddling Through	High	High	High
Europe Alone	High	High	Low
Global Regime	Low	Low	Low
The international a uncertainty in the	agreement on climat energy sector	e is not granted this	s increases the
But the climate dir physical emission	nension also introdu constraints	uces elements of vis	sibility, associated
	e policies bring a sig	gnificant double div s, even in a non-coo	

