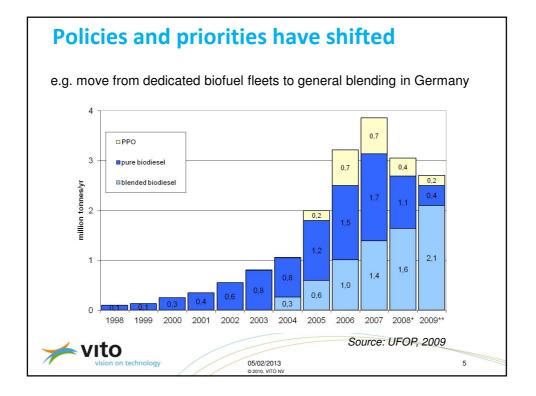
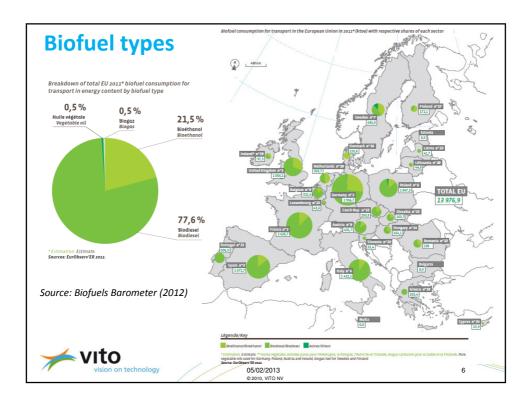
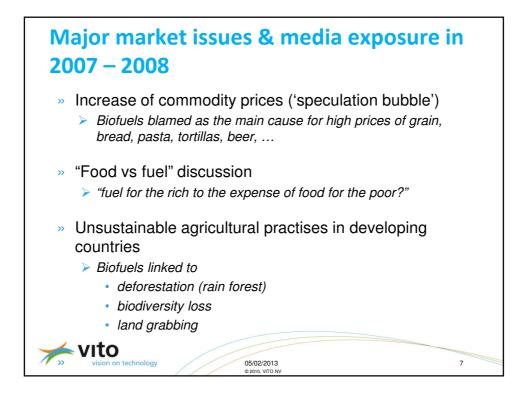
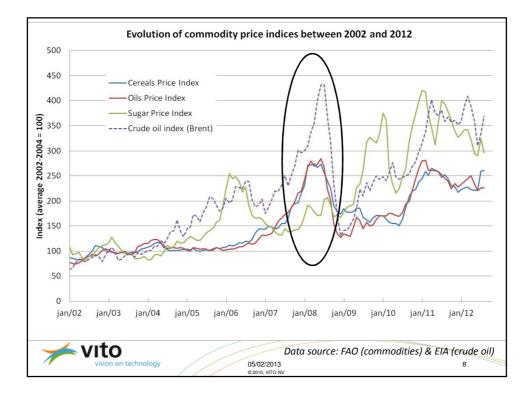


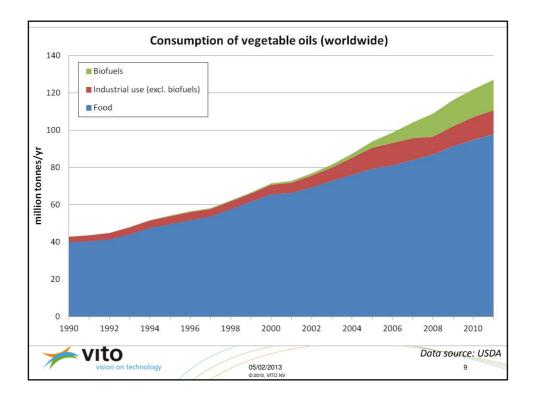
Stage	Measure	Application		
Feedstock	Support to agriculture (energy crop subsidy / set aside land)	EU, CZ		
Production	RD&D funding	EU + country level		
	Loans and subsidies for biofuel production facilities	FR, DE, PL, ES, SWE,		
	Producer tax incentives for biofuel production	CZ, LV, USA (B99)		
	Authorised quota system for biofuel producers, related to tax reduction	FR, IT, BE		
Distribution	Standards (biofuel & normal fuel)	AT, DE, FR, SWE, IT, EU (2003)		
\rightarrow	Tax differential (tax reduction for biofuels)	DE, FR, AT, ES, SE, EU (Energy Taxation Dir.)		
	Obligations for fuel distributors	AT, FR, SL, DE, NL, UK, .		
	Obligations for filling stations	SWE, BR		
	Loans and subsidies for filling stations	DE		
Market	Funding of demonstrations	EU + country level		
	Procurement methods (green proc., common procurement)	SWE, FR, USA		
	User incentives (tax incentives biofuel vehicles, free parking, exemption of congestion charge or other road tax,)	SWE		

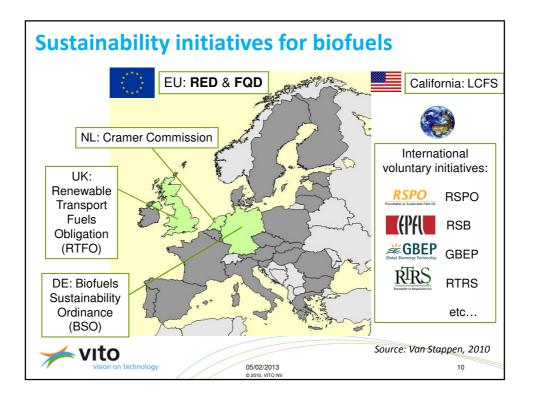


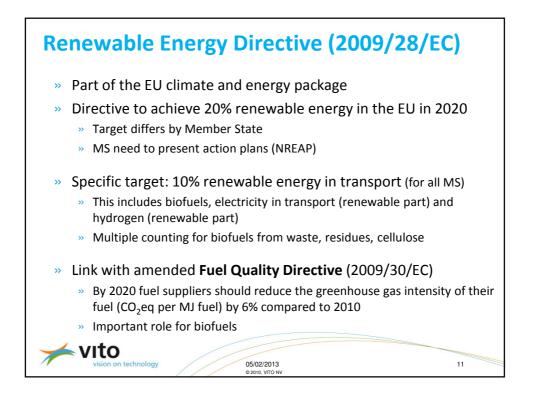


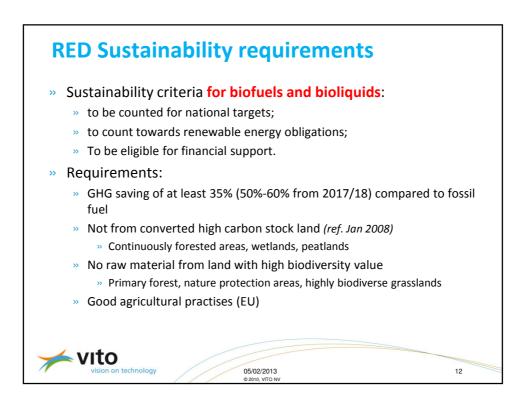




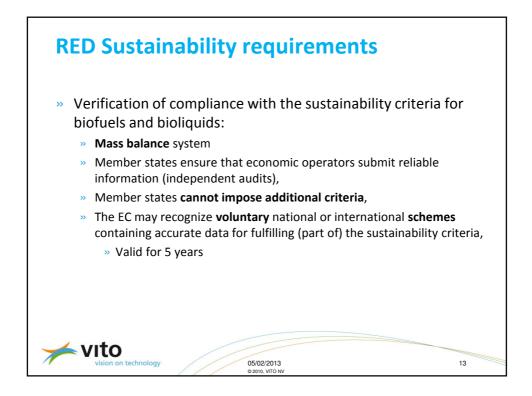






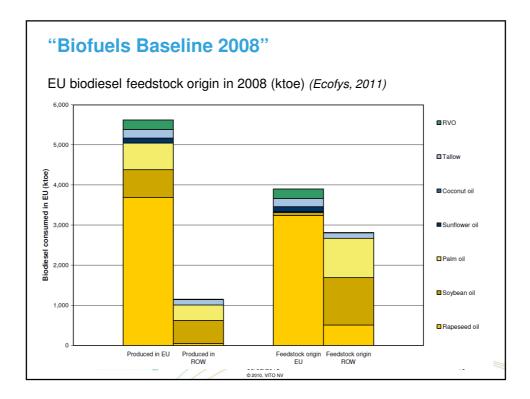


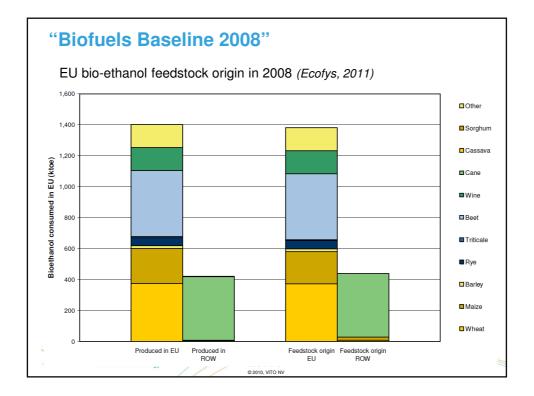
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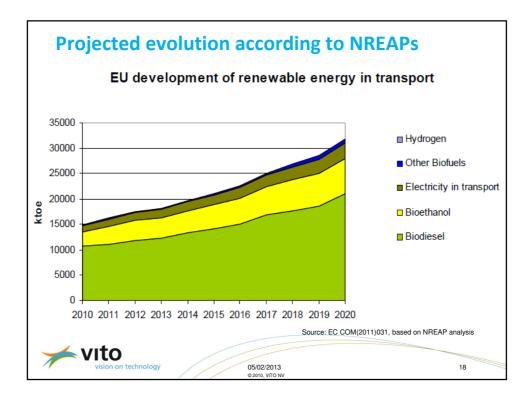


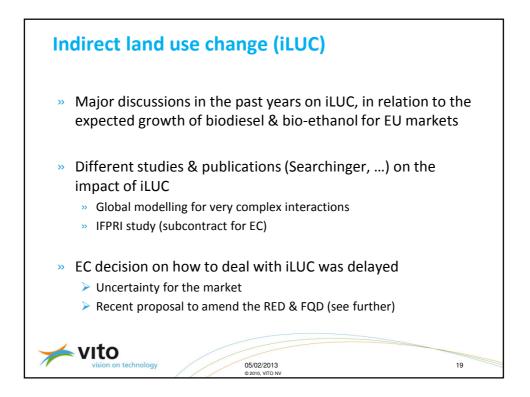
Currently approv	ed:		
nttp://ec.europa.eu/er	nergy/renewables/	biofuels/sustainabilit	ty schemes en.htm
ISCC	DE	Ensus	EtOH
Bonsucro EU	Sugar cane	Red Tractor	Agri crops
RTRS EU RED	Soy	SQC	Scot. crops
RSB EU RED		Red Cert	DE
2BSvs	FR	NTA 8080	NL
RBSA	Abengoa	RSPO RED	Palm oil
Greenergy	BR EtOH		



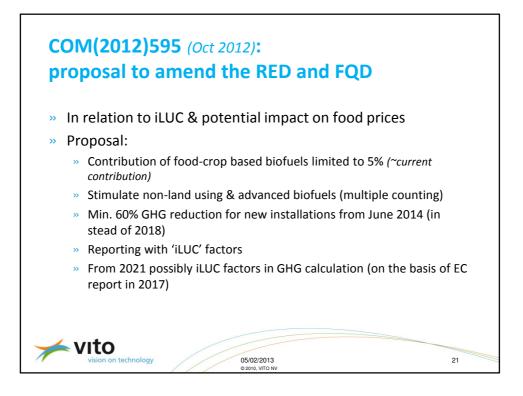


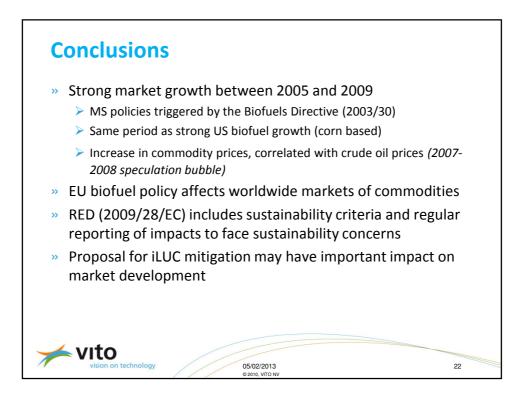




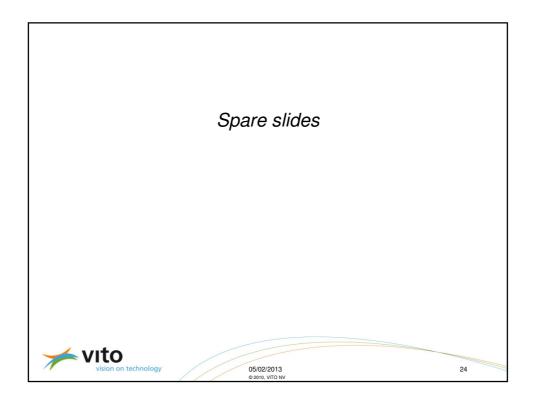


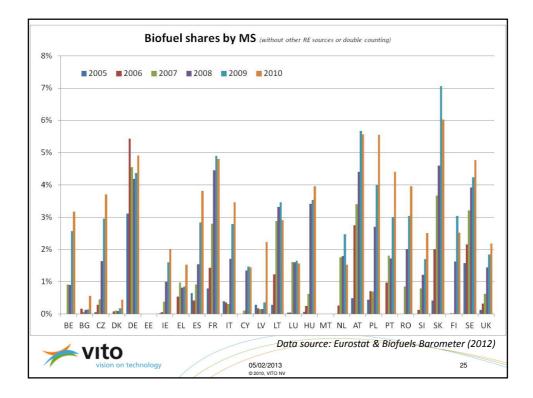
Distribution of LUC e	missions according t	to IFPRI (2011), in CO2 *Current fossil reference	•
	5 percentile	Median	95 percentile
Additional Mandate	24.4	38.8	50.4
Wheat	8.3	13.8	18.4
Vlaize	6	10.1	13.2
Sugar Beet	0.8	7.2	12.6
Sugar Cane	6.5	15.4	26.5
Soybean	38.4	56.3	73.9
Sunflower	30.6	53.5	72
Rapeseed	28.2	54.9	80.7
Palm Fruit	47.1	54	60.3
Source: MIRAGE-Biof Simul	ations		
		Tough story for biodies	sel











"Biofuels Baseline 2008" EU biodiesel feedstock origin in 2008 (ktoe) (<i>Ecofys, 2011</i>)									
	Rapeseed / oil	Soybean oil	Palm oil	Sunflower oil	Tallow	RVO	Total		
EU	3,233	82	14	124	212	235	3,900		
Canada	122	18			4	6	149		
Ukraine	252	10					261		
USA	13	528			133		673		
Argentina	4	238					242		
Brazil		342					343		
Indonesia			624				624		
Malaysia			414				414		
Other	111	52					164		
Total	3,734	1,269	1,053	124	348	241	6,770		
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"Biofuels Baseline 2008"										
EU bio-ethanol feedstock origin in 2008 (Ecofys, 2011)										
	Wheat	Maize	Barley	Rye	Triticale	Sugar beet	Wine	Sugar cane	Other	Total
EU	373	207	20	51	7	427	148		149	1,381
USA	2									3
Norway	2									2
Ukraine	1	1								3
Argentina		12						5		17
Brazil		6						289		296
Pakistan								33		33
Bolivia								19		19
El Salvador								13		13
Peru								13		13
Egypt								14		14
Guatemala								11		11
Costa Rica								10		10
South Africa								2		2
Other	2							1		4
Total	381	228	20	51	7	428	148	411	149	1,822
vision on technology 05/02/2013 27										