Multi-year Expert Meeting On Transport and Trade Facilitation:

## Maritime Transport and the Climate Change Challenge

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## **Promoting low-carbon technologies via carbon markets: the EU-ETS and CCS**

Presentation by

Mr. Mark C. Lewis Managing Director, Commodities Research Deutsche Bank mark-c.lewis@db.com

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But the rece	ession	h h	as ha	das	eve	re in	nnact	•		
							-			
Since December	' we hav	ve be	een fac	toring	in a d	eeper	EU rec	ession	1	
over the next 12	-18 moi	nths	(impacting	BAU and n	ew renew	able proie	ects)			
Revised DB estimates for Adju	usted Emissio	ons over	r Phase 2 (M	t)						
			2008E	2009E		2010E	2011	IE	2012E	
BAU emissions		2,165		2,054		2,074	2,1	16	2,158	
Incremental CO2 savings from Energy-efficiency			1	2		3		5	8	
Incremental CO2 savings from renewable energy		16		31		40		40	40	
TS Reported Emissions		2,148		2,020	2,020 2		2,0	71	2,110	
Revised DB estimates for Adju	isted Emissic	ons over	r Phase 3 (M			s	ource: European		itsche Bank	
Revised DB estimates for Adju	isted Emissic	ns over 2013E	r Phase 3 (Mi 2014E	) 2015E	2016E	s 2017E	ource: European o	Commission, Deu 2019E		
	isted Emissic				<b>2016E</b> 2,235				2020E	
BAU emissions		2013E	2014E	2015E		2017E	2018E	2019E	<b>2020E</b> 2,280	
BAU emissions Incremental CO2 savings from Energing	gy-efficiency	2013E 2,191	<b>2014E</b> 2,213	<b>2015E</b> 2,224	2,235	<b>2017E</b> 2,246	<b>2018E</b> 2,257	<b>2019E</b> 2,268	2020E 2,280 117	
Revised DB estimates for Adju BAU emissions Incremental CO2 savings from Energy ETS Reported Emissions	gy-efficiency	2013E 2,191 16	2014E 2,213 28	2015E 2,224 45	2,235	<b>2017E</b> 2,246 90	<b>2018E</b> 2,257 100	<b>2019E</b> 2,268 110	2020E 2,280 117 140 2,023	
BAU emissions Incremental CO2 savings from Energy Incremental CO2 savings from remengy	gy-efficiency	2013E 2,191 16 45	2014E 2,213 28 55	2015E 2,224 45 65	2,235 60 75	2017E 2,246 90 85 2,071	2018E 2,257 100 95	2019E 2,268 110 110 2,048	2020E 2,280 117 140 2,023	
BAU emissions Incremental CO2 savings from Energy Incremental CO2 savings from rem energy ETS Reported Emissions	gy-efficiency newable	2013E 2,191 16 45 2,130	2014E 2,213 28 55 2,130	2015E 2,224 45 65 2,114	2,235 60 75 <b>2,100</b>	2017E 2,246 90 85 2,071	2018E 2,257 100 95 2,062 Source: European	2019E 2,268 110 110 2,048	2020E 2,280 117 140 2,023	
BAU emissions Incremental CO2 savings from Energiner Incremental CO2 savings from rep energy ETS Reported Emissions Revised DB estimates for adjustic	gy-efficiency newable sted emission	2013E 2,191 16 45 2,130	2014E 2,213 28 55 2,130	2015E 2,224 45 65 2,114	2,235 60 75 2,100	2017E 2,246 90 85 2,071	2018E 2,257 100 95 2,062 Source: European	2019E 2,268 110 110 2,048 Commission, De	2020E 2,280 117 140 2,023	
BAU emissions Incremental CO2 savings from Energiner Incremental CO2 savings from rep energy ETS Reported Emissions Revised DB estimates for adjustic	gy-efficiency newable	2013E 2,191 16 45 2,130	2014E 2,213 28 55 2,130 Phase 2 vers	2015E 2,224 45 65 2,114 us pro-form	2,235 60 75 2,100 a actual 20 20	2017E 2,246 90 85 2,071 2,071	2018E 2,257 100 95 2,062 Source: European cons (Mt)	2019E 2,268 110 110 2,048	2020E 2,280 117 140 2,023	
BAU emissions Incremental CO2 savings from Energy ETS Reported Emissions Revised DB estimates for adjus	gy-efficiency newable sted emission p-forma 2007E	2013E 2,191 16 45 2,130	2014E 2,213 28 55 2,130 Phase 2 vers 2008E	2015E 2,224 45 65 2,114 sus pro-form 2009E	2,235 60 75 2,100 a actual 20 20 2,	2017E 2,246 90 85 2,071 2,071 2,077 2,077 2,077	2018E 2,257 100 95 2,062 Source: European Drns (Mt) 2011E	2019E 2,268 110 110 2,048 Commission, De 2012E	2020E 2,280 117 140 2,023	

























