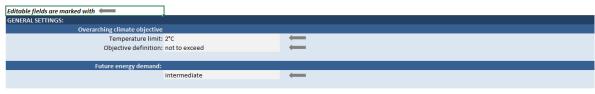
COST-RISK CHECK TOOL

Note that this tool, its data and any derivatives thereof are strictly for non-commercial purposes only.

Please cite Ragelj, J., McCollum, D.L., Reisinger, A., Meinshausen, M. & Riahi, K. "Probabilistic cost estimates for climate change mitigation". Nature (2013) doi:10.1038/nature11787 when using this tool or derivatives thereof. This tool has been developed for Excel 2010. For further information, contact joers ragelj@env eths.ch



Climate objective-driven costs							
Climate objective specification							
Probability to achieve climate objective (0 to 100%):		66%					
		Technology uncertainty range		Delayed mitigation action		Alternative case	
Cost estimates:	Full portfolio	Pessimistic	Optimistic	until 2020	until 2030	advanced transport	\leftarrow
Carbon price [2012 US\$/tCO2e]	39	Infeasible	25	Infeasible	Infeasible	28	
Mitigation costs [% of total energy expenditures]	46%	Infeasible	35%	Infeasible	Infeasible	37%	
Mitigation costs [% of GDP]	1.3%	Infeasible	1.0%	Infeasible	Infeasible	1.0%	

OR

Cost-driven probability of achieving climate objective							
Mitigation cost specification:							
Mitigation cost: % of	GDP	←					
Cost value (0 to 3% increase):	d	0.5%	Please note that	0.01 equals 1%			
Refe	rence case	Technology uncert	ainty range	Delayed mitigation	action	Alternative case	
Refe Probability to limit global temperature increase:	rence case Full portfolio	Technology uncerton Pessimistic	a inty range Optimistic	Delayed mitigation until 2020	action until 2030	Alternative case no CCS	←
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