

Summary of primary economic impacts by case-theme by stage of adaptation; for cases 1 to 5 average annual effects are indicated; for cases 6 & 7 it concerns the expected value of costs of possibly occurring hazards over the entire period

Case	1.Ski holidays	2.Beach holidays	3.Arctic shipping	4.Urban transport	5. Energy Europe / Baltic	6.Flood London	7.Drought France
Effect quantified:	Change in regional tourist revenues		Cost savings (€ 10 ⁶) annual	Disruption cost (€ 10 ⁶) annual	Annual supply cost (€ 10 ⁹)	Lost value added (€ 10 ⁶)	Lost value added (€ 10 ⁶)
Period:	2015-2045 across RCPs	2015-2045 across RCPs	~ 2040	~ 2030	~ 2050 across RCPs	A: 2015- 2050; B: 2065-2100 RCP2.6 – RCP8.5	A: 2015- 2050; B: 2065-2100 RCP2.6 – RCP8.5
Adaptation steps							
Baseline	+0.7% ~ +3% annually	+1.3% ~ +2.7% annually	~ 0	MIN: 20 [#] MAX: 94 [#] AVG: 43 [#]	SSP1:79 SSP4:74 SSP5:101	~3400* (period)	~6400* (period)
Baseline + Climate change	-50% ~ 0% (period)	-4% ~ +7% (period)		-	-4.4% ~ -0.8% (SSP5 – SSP4)		
Baseline + CC incl. extreme events				+5% ~ +20% (see text)		A:5200 ~ 11800 B:6900 ~ 15700	A:6450 ~ 5800 B:6500 ~ 88500
Baseline + CC + Autom. adaptation	-30% ~ +15%	-5% ~ +5%			-1.3% ~ -2.5%		
Baseline + CC incl. extreme events + Autom. adaptation	(part of above range)			MIN: 14 [#] MAX: 63 [#] AVG: 29 [#]		A:4600 ~ 10500 B:6100 ~ 14600	A:5900 ~ 5200 B:5900 ~ -83500
Baseline + CC + Planned adaptation	-40% ~ +0%		+50 ~ 100				
Baseline + CC incl. extreme events + Planned adaptation						A:2500 ~ 5200** B:3600 ~ 7800**	A:4600 ~ 5100 B:4600 ~ 73200
Baseline + CC + Adaption innovation			+50 ~ 250				

Signs (+ / -) may have different meanings per case:

*) In the case-themes 6 and 7 the cost estimates do not include economic growth. By 2040 the GDP's of the UK and France are projected to be about twice their GDPs of 2010. By 2085 the GDP of the UK is 4.5 to 9.5 times and the French 4 to 8 times as large as their 2010 GDP depending on the SSP chosen.

***) These figures are the combined effect of planned and enhanced automatic adaptation, without the latter costs are about € 500 million higher.

#) Disruption cost contains only time losses (value of lost time use opportunities) for one whole day, multi-day disruptions and repair costs are not included