

Supplementary material

Article title: Potential carbon leakage risk: A cross-sector cross-country assessment in the OECD area

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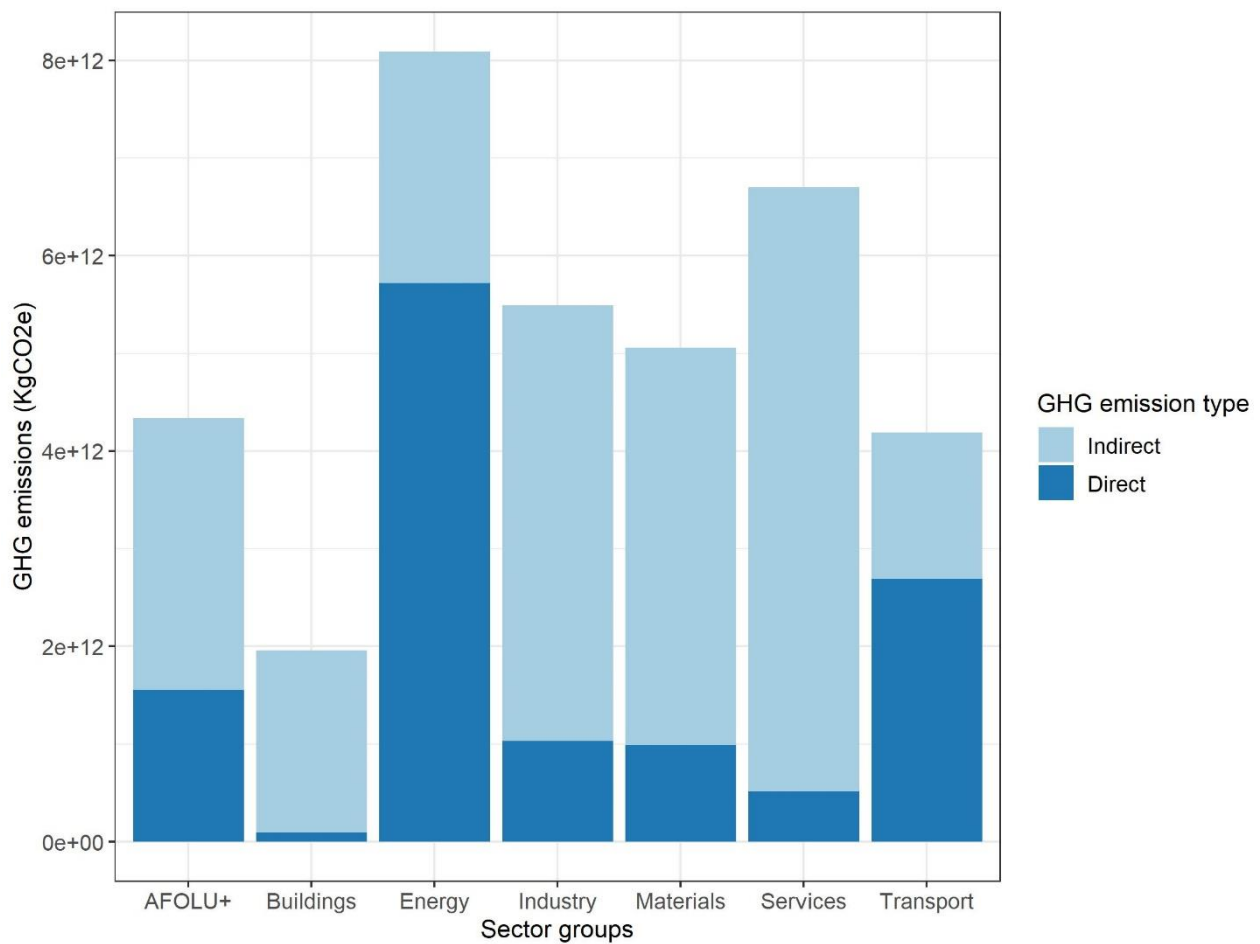


Fig. S1 Total direct and indirect GHG emissions in the OECD area, by sector group

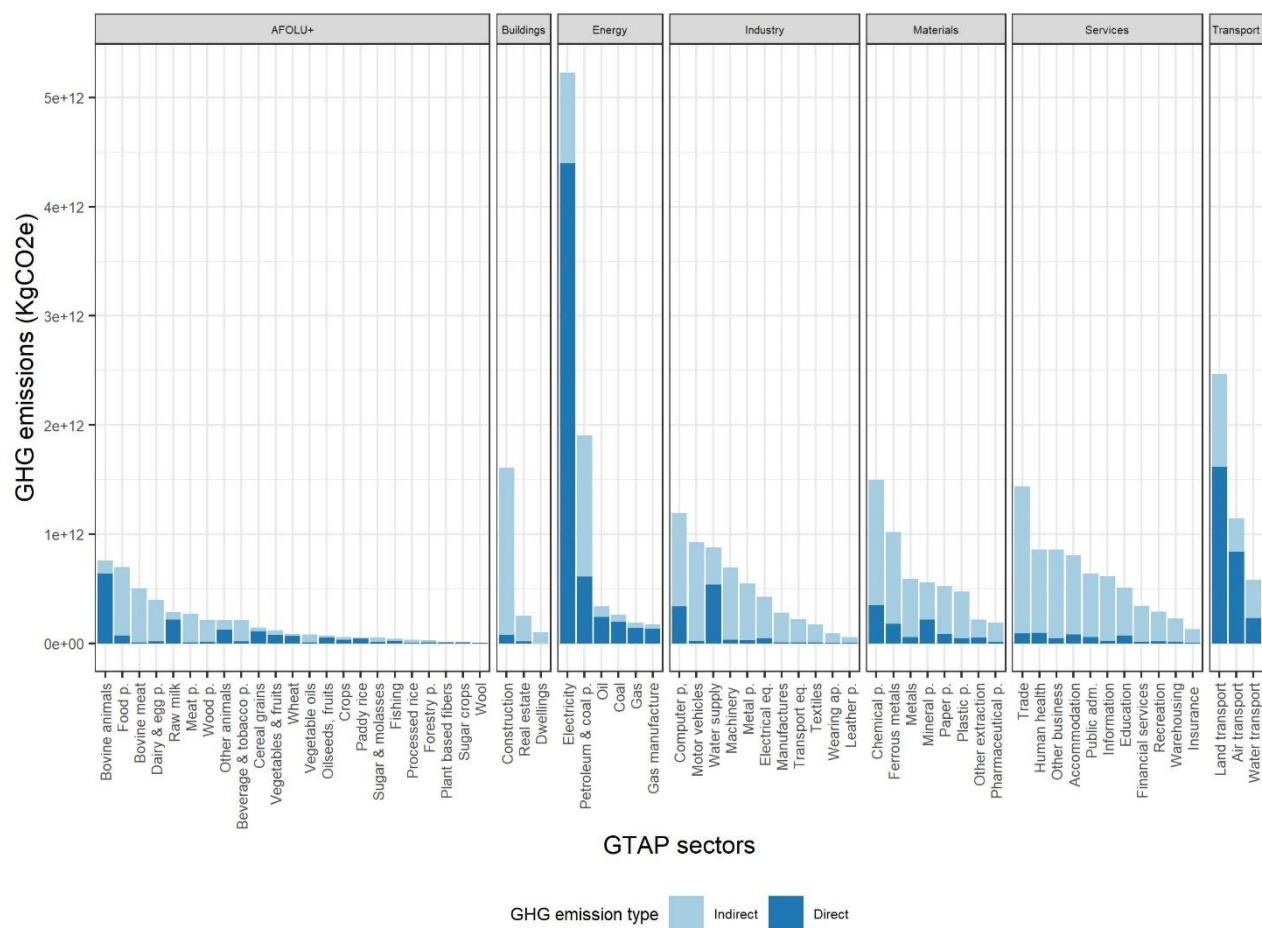


Fig. S2 Total direct and indirect GHG emissions in the OECD area, by GTAP sector

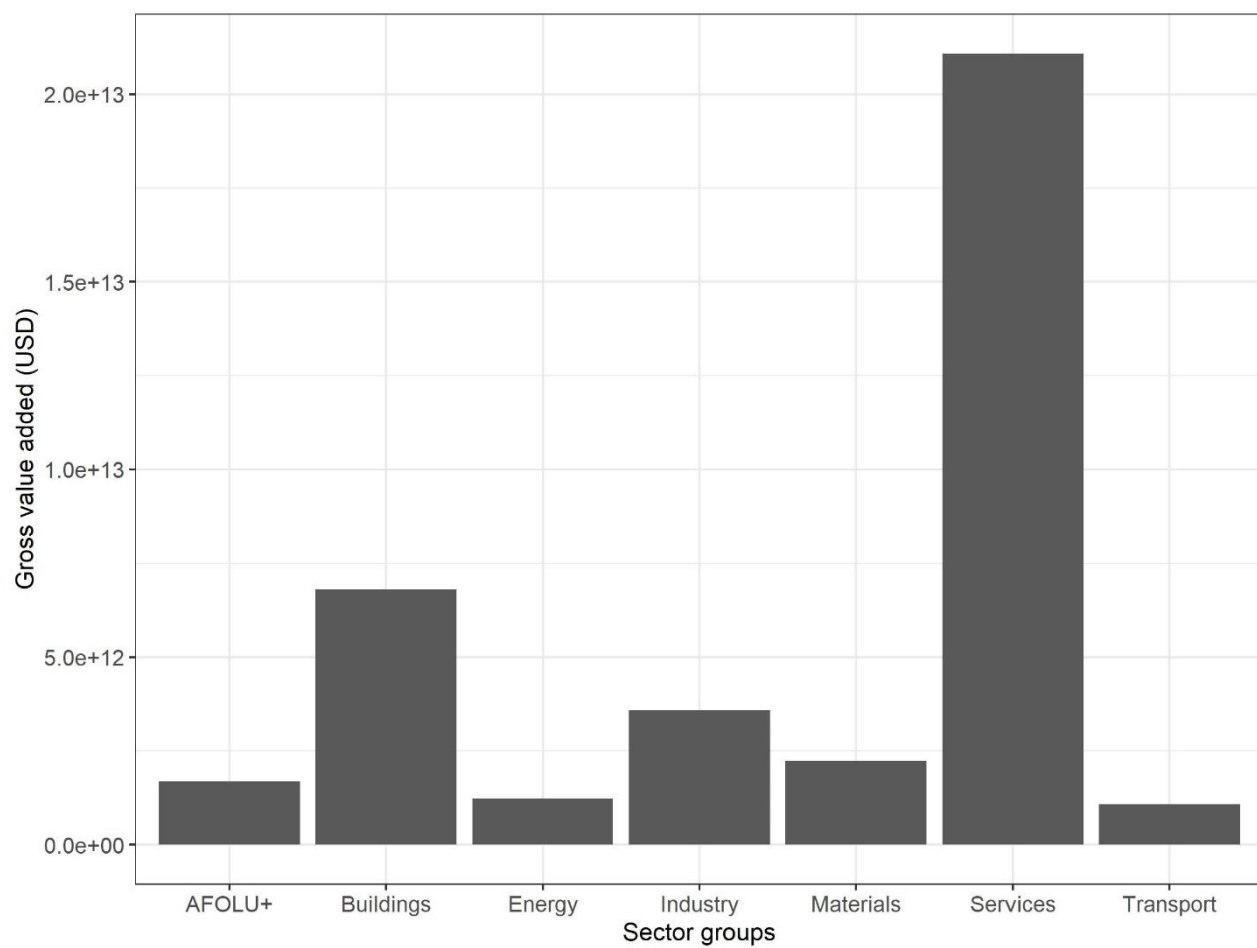


Fig. S3 Total gross value added in the OECD area, by sector group

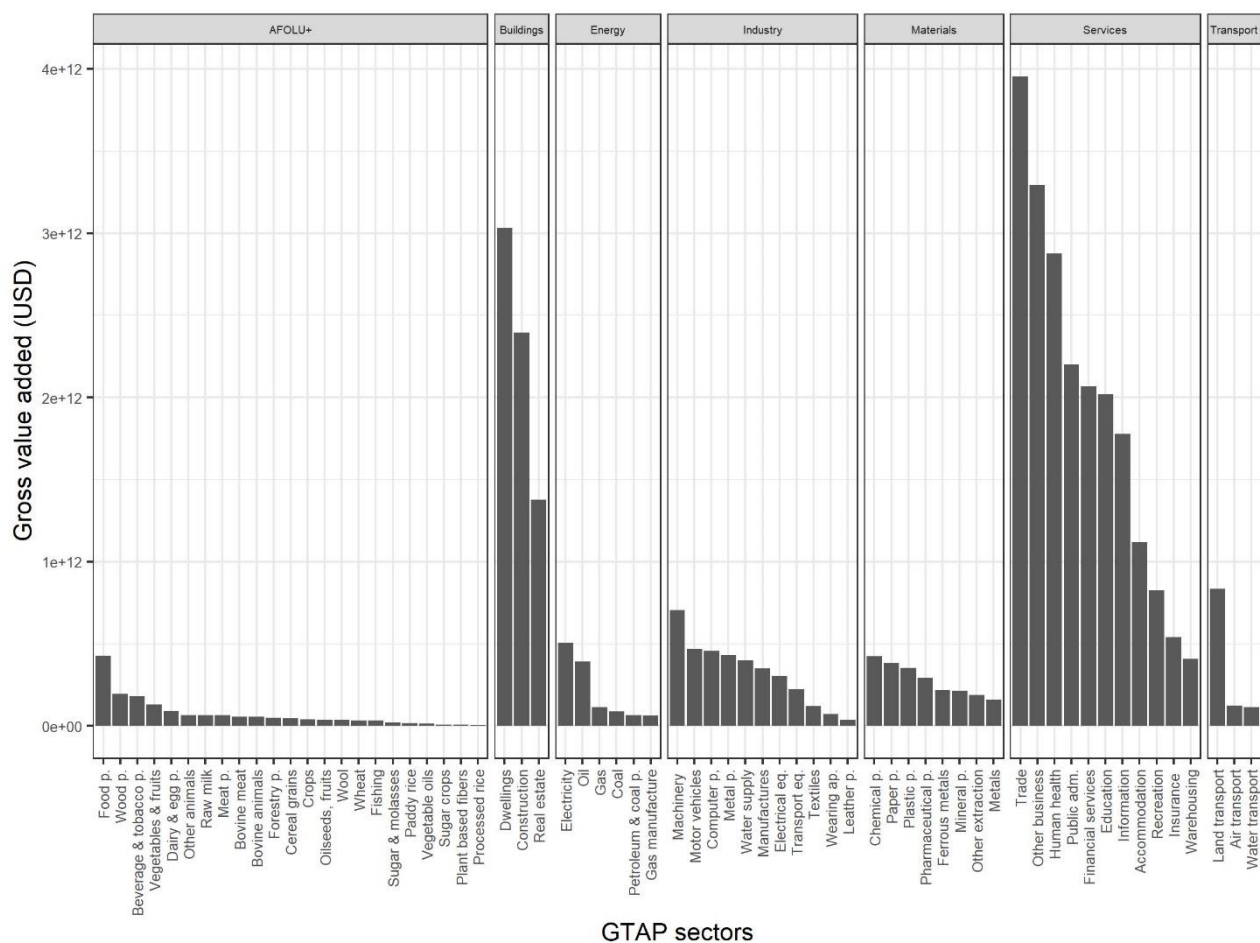


Fig. S4 Total gross value added in the OECD area, by GTAP sector

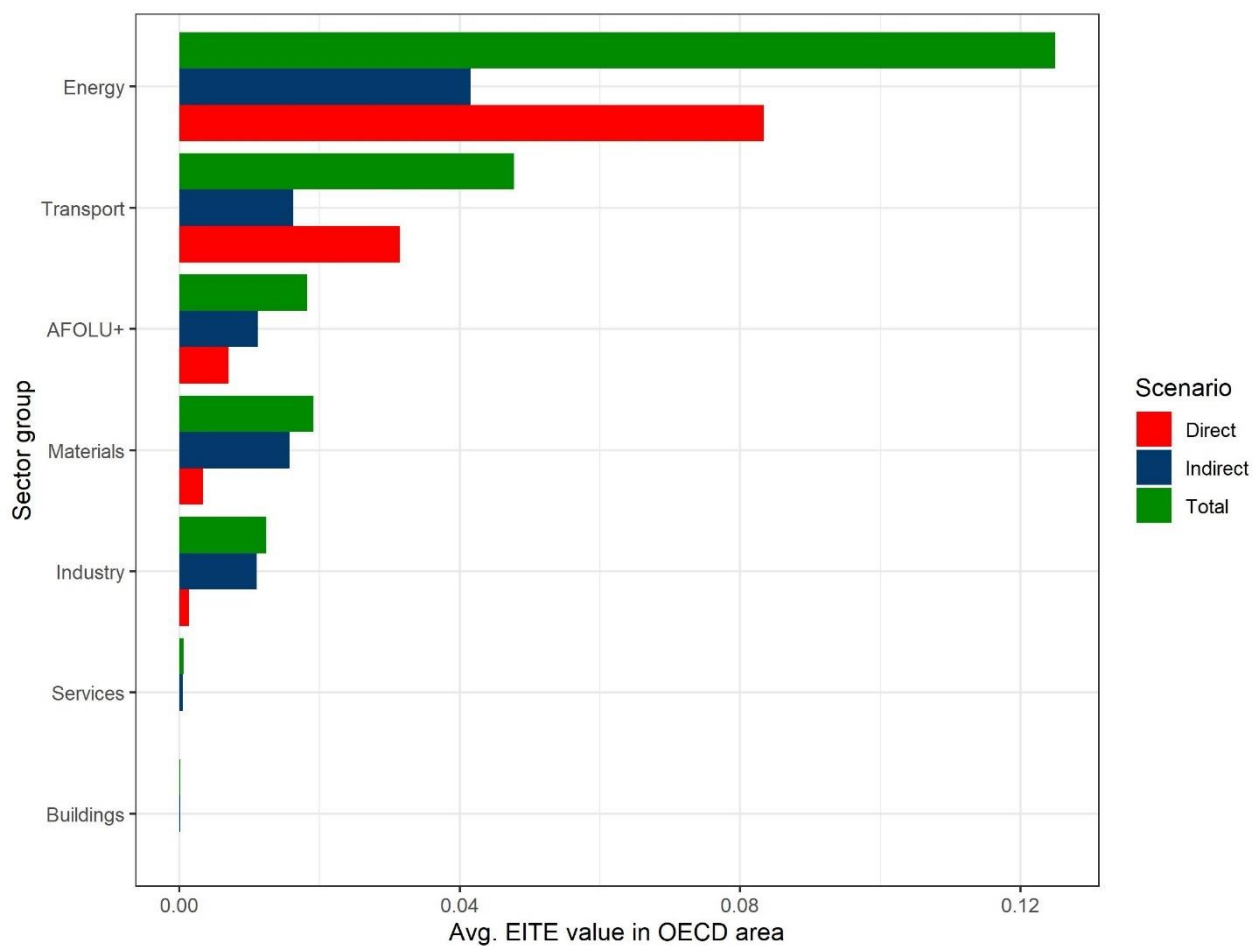


Fig. S5 Average EITE value in OECD countries under each climate policy scenario, by sector group. Note: averages are calculated by taking the mean of the EITE value over sectors belonging to the sector group in OECD countries

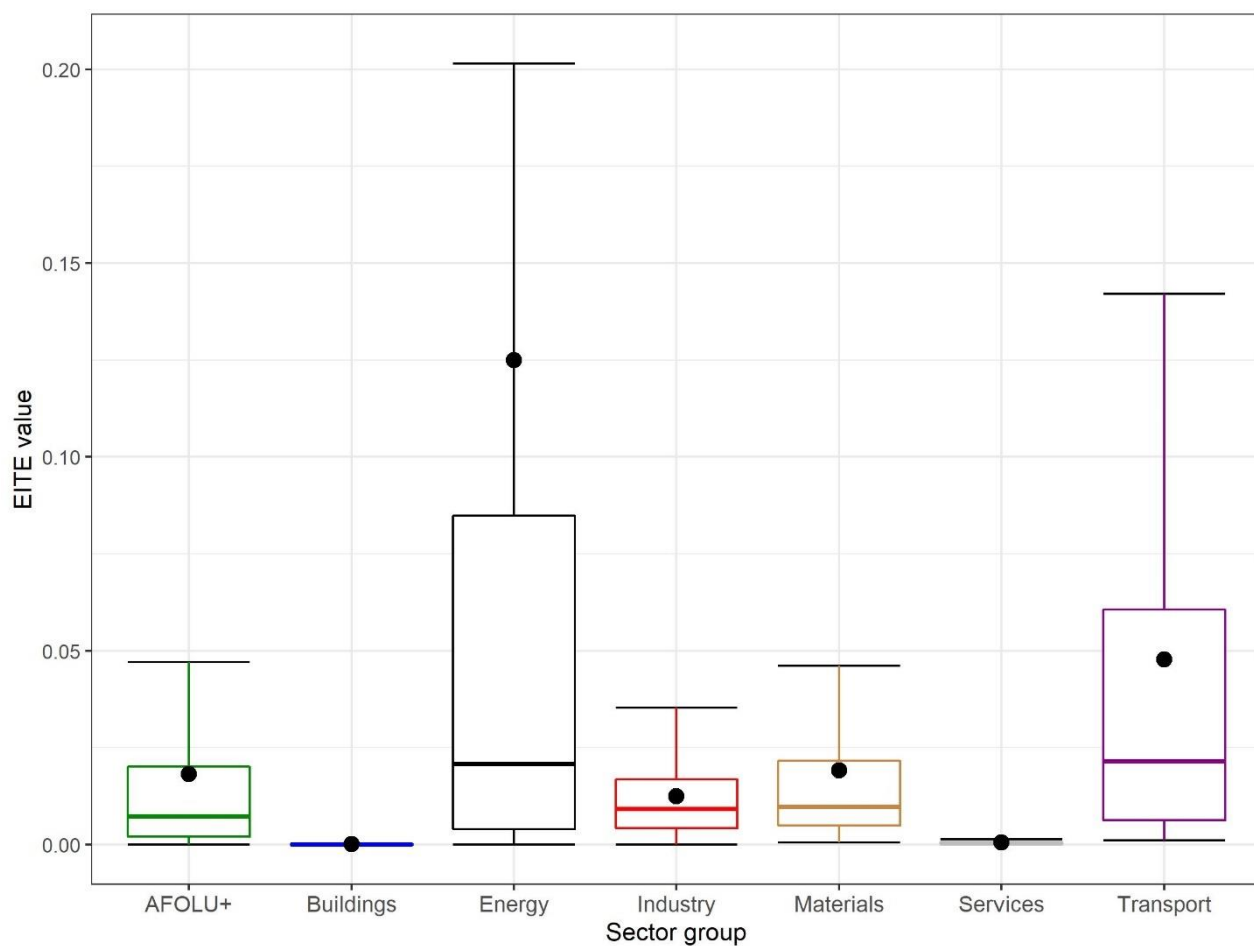


Fig. S6 Boxplots of EITE values under the “total” climate policy scenario, by sector group. Notes: in a boxplot, the rectangle include observations between the first and third quatiles, the vertical line inside the rectangle gives the median, and the lower and upper whiskers represent minimum and maximum. Black circles give sector group averages

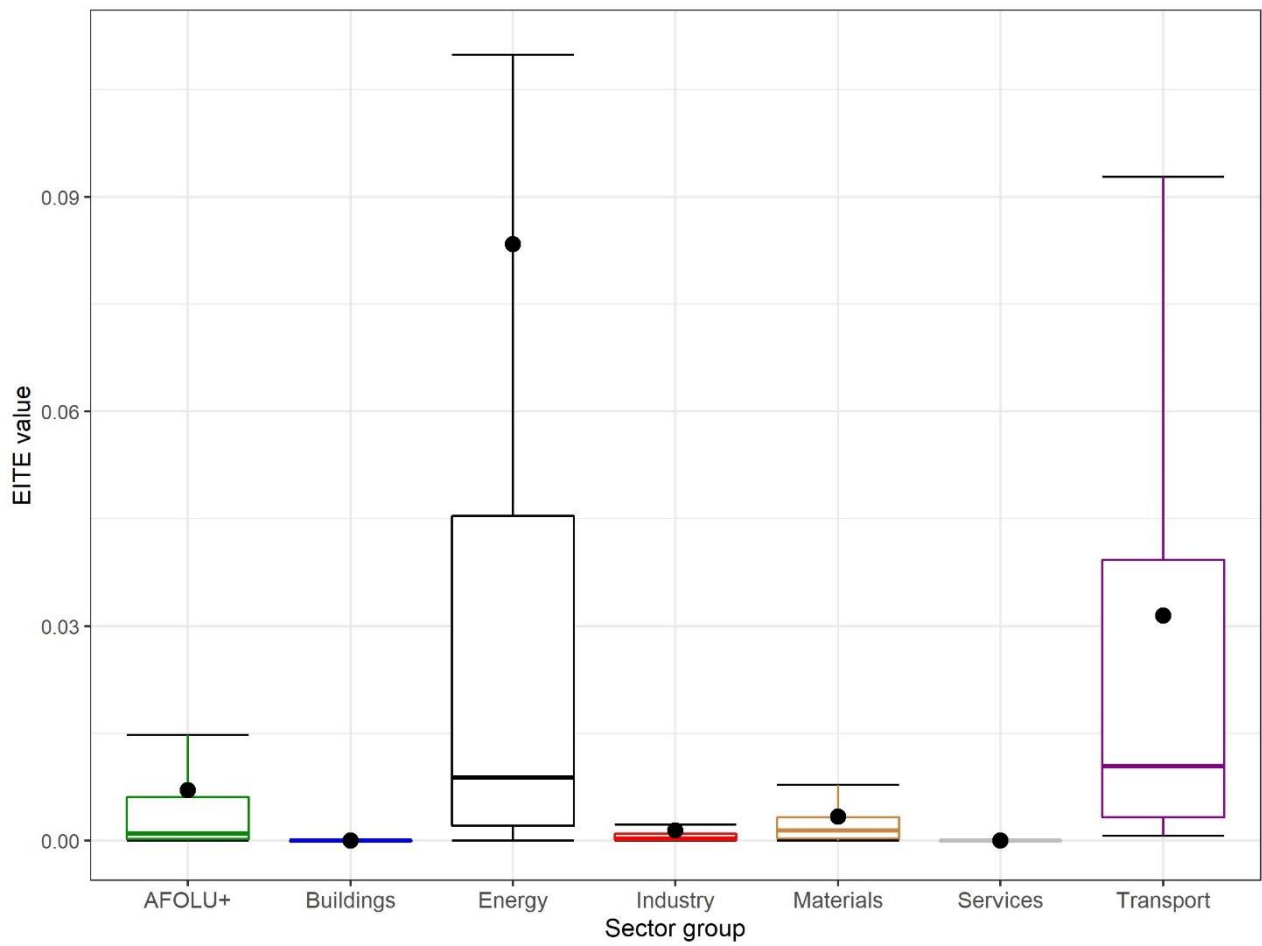


Fig. S7 Boxplots of EITE values under the “direct” climate policy scenario, by sector group. Notes: in a boxplot, the rectangle include observations between the first and third quatiles, the vertical line inside the rectangle gives the median, and the lower and upper whiskers represent minimum and maximum. Black circles give sector group averages

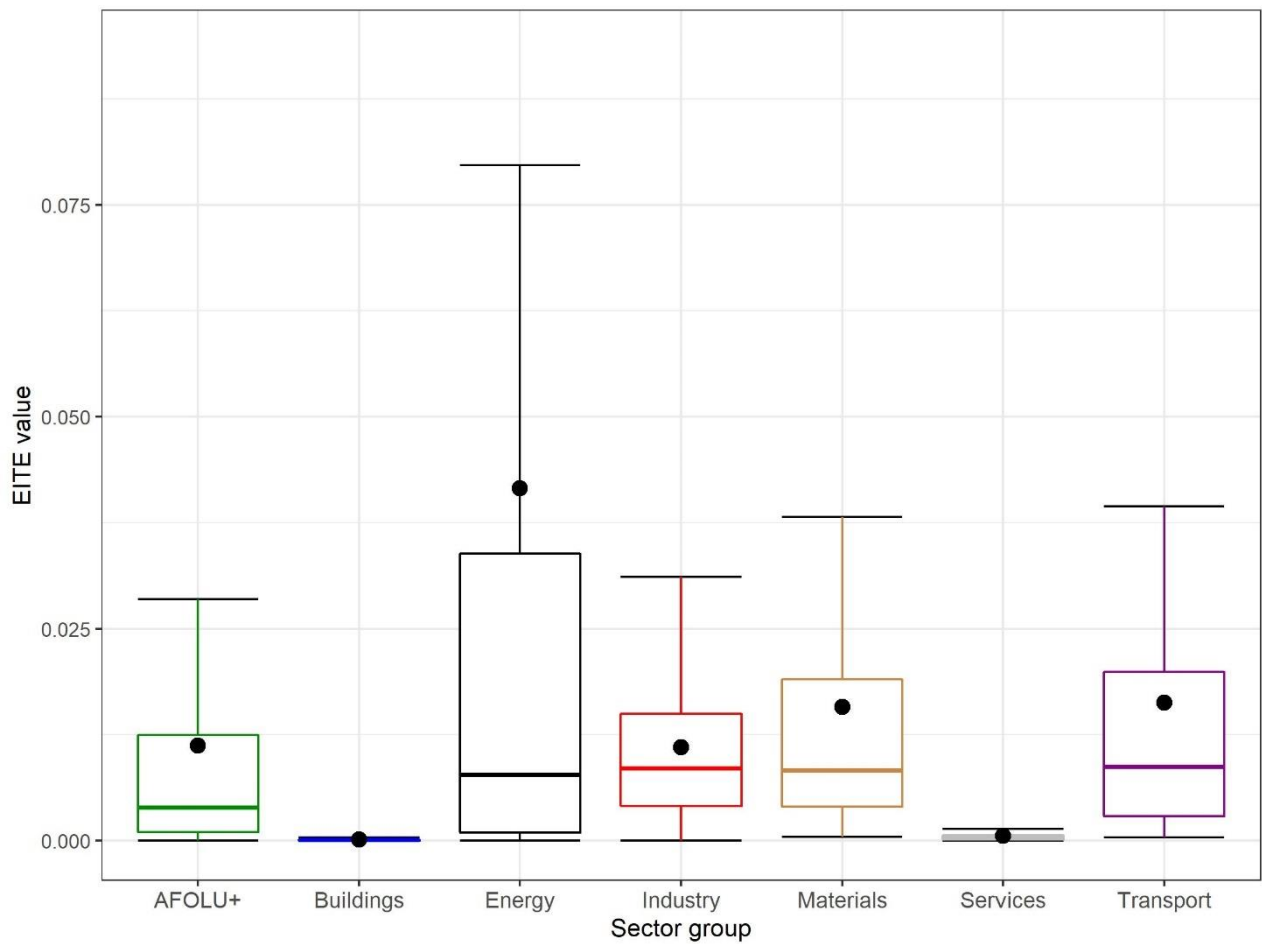


Fig. S8 Boxplots of EITE values under the “indirect” climate policy scenario, by sector group. Notes: in a boxplot, the rectangle include observations between the first and third quatiles, the vertical line inside the rectangle gives the median, and the lower and upper whiskers represent minimum and maximum. Black circles give sector group averages

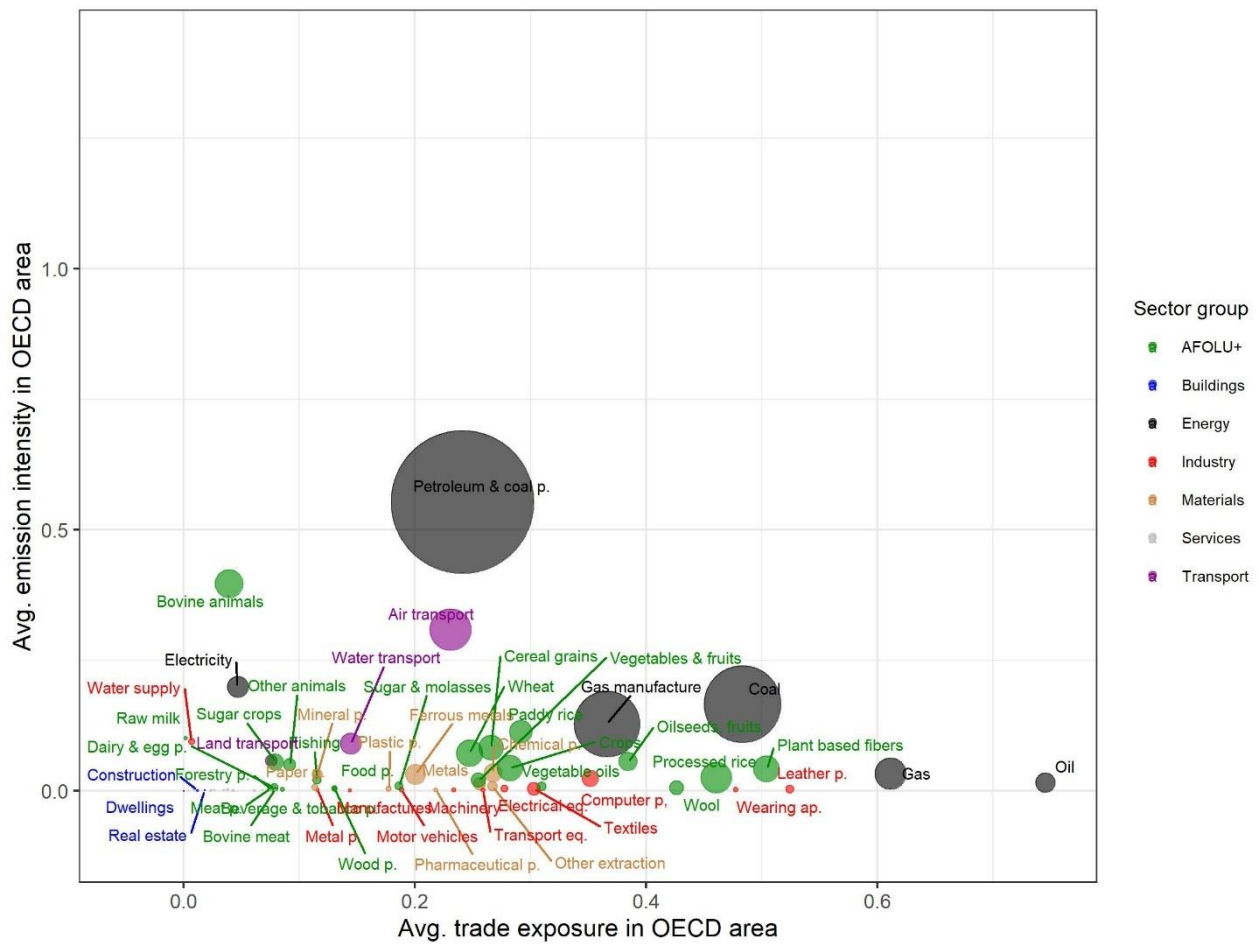


Fig. S9 Emission intensity vs. trade exposure under the “direct” climate policy scenario, OECD country averages by sector. Notes: The circles’ area is proportional to the cross-country variation (standard deviation) of the EITE metric in the OECD area. Due to the lack of space, this figure omits sector names for service sectors

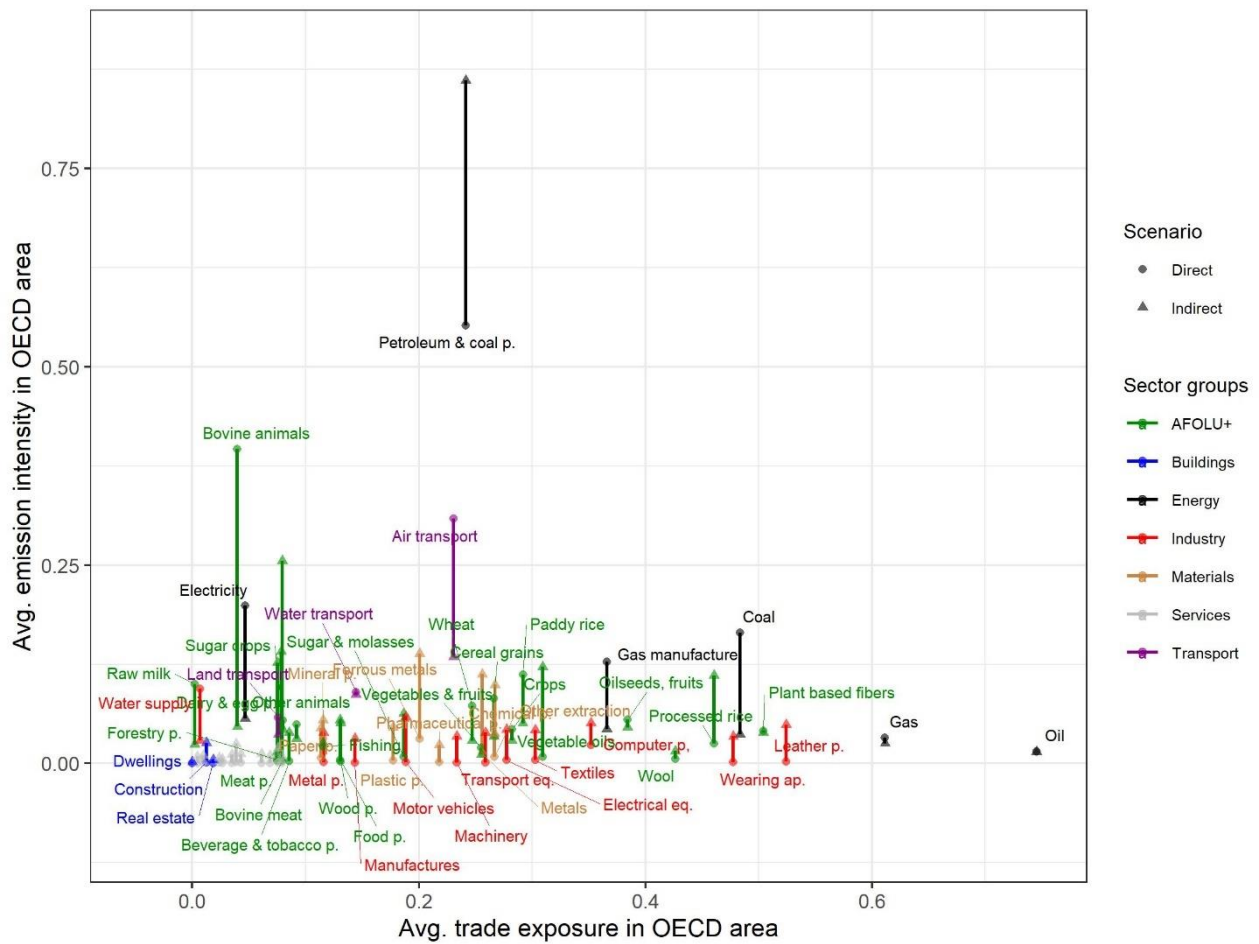


Fig. S11 Emission intensity vs. trade exposure under the “direct” and “indirect” climate policy scenarios, OECD country averages
by GTAP sector

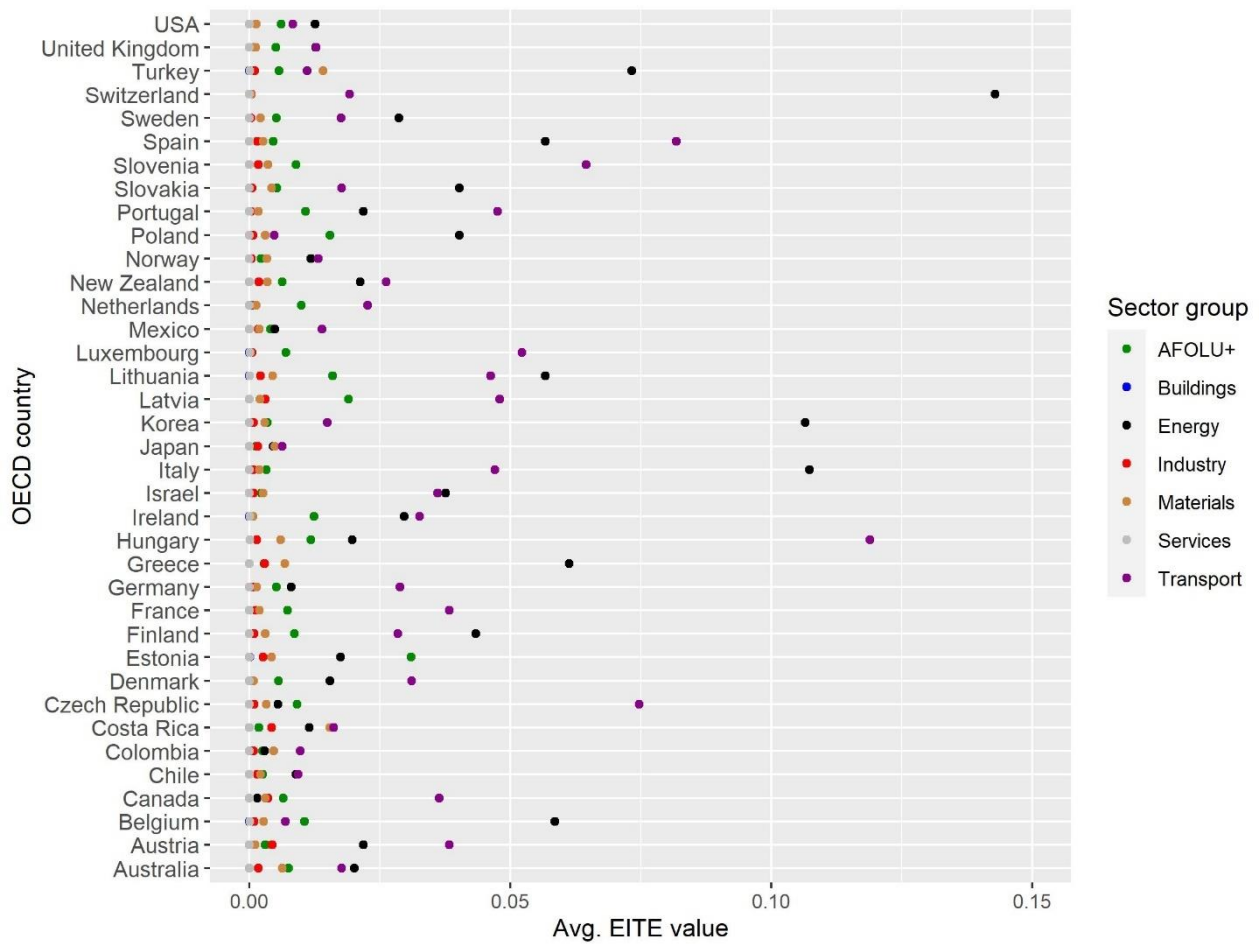


Fig. S12 Average EITE value under the “direct” climate policy scenario, by OECD country. Notes: to improve visualization, this figure does not show the following EITE values belonging energy: Slovenia (1.44), Luxembourg (0.66), Latvia (0.53), Netherlands (0.20), and France (0.15). Averages are calculated by taking the mean of the EITE value over sectors belonging to the sector group for each OECD country

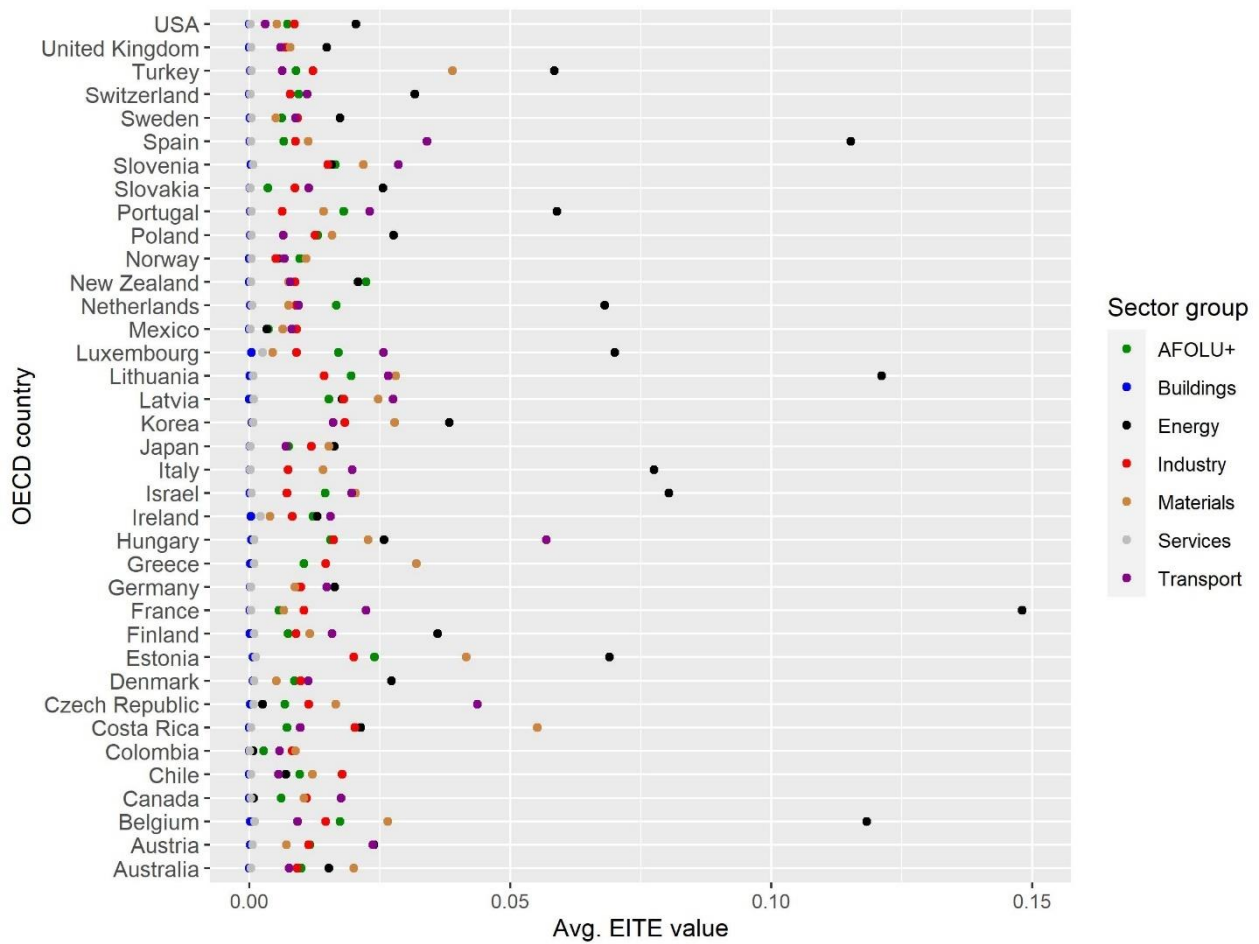


Fig. S13 Average EITE value under the “indirect” scenario, by OECD country. Notes: to improve visualization, this figure does not show the following EITE values belonging energy: Greece (0.17). Averages are calculated by taking the mean of the EITE value over sectors belonging to the sector group for each OECD country

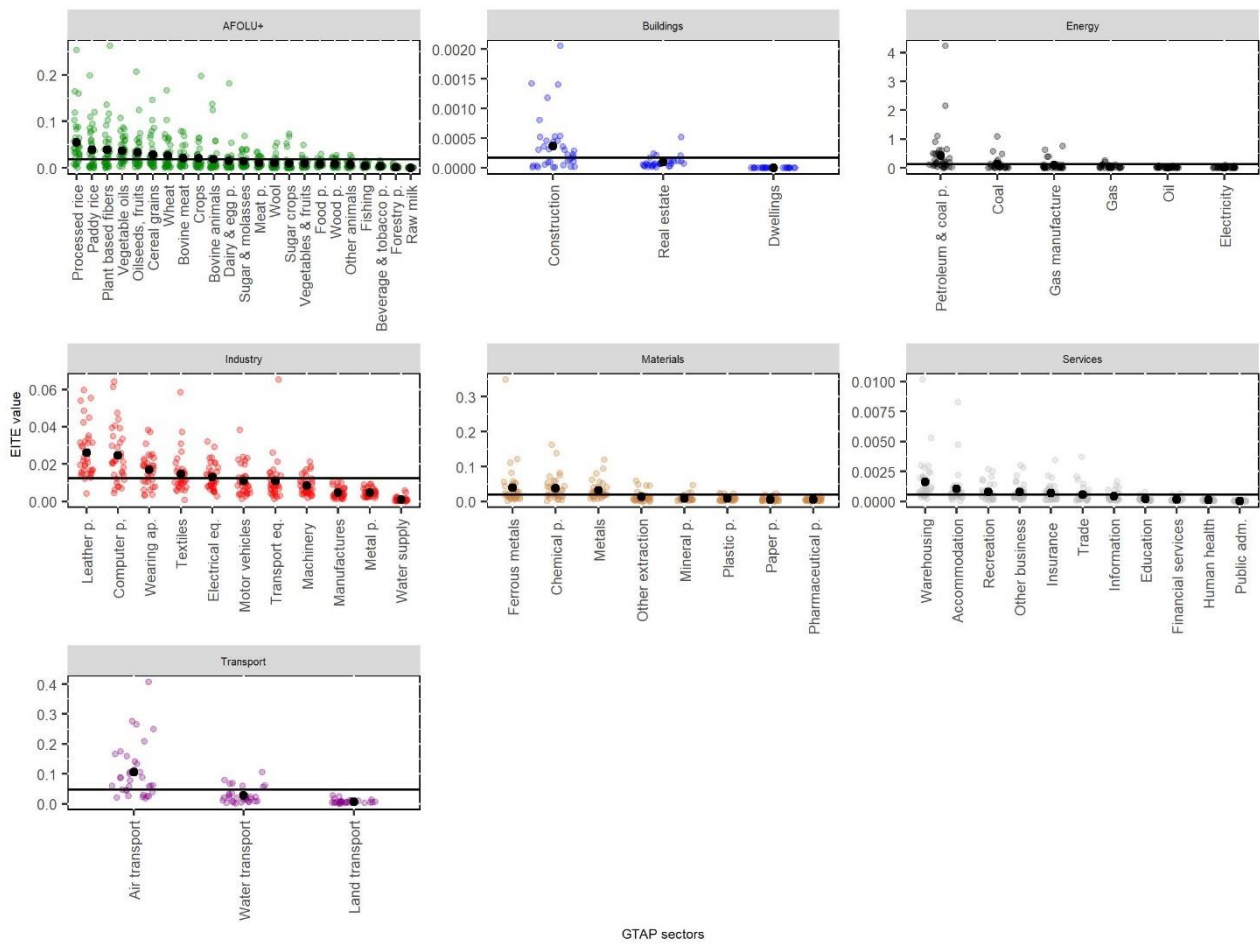


Fig. S14 EITE value distribution under the “total” climate policy scenario, by GTAP sector. Notes: The colored circles give EITE values for every sector in every OECD member country. The black circles give averages for each GTAP sector. The horizontal lines give averages for each sector group

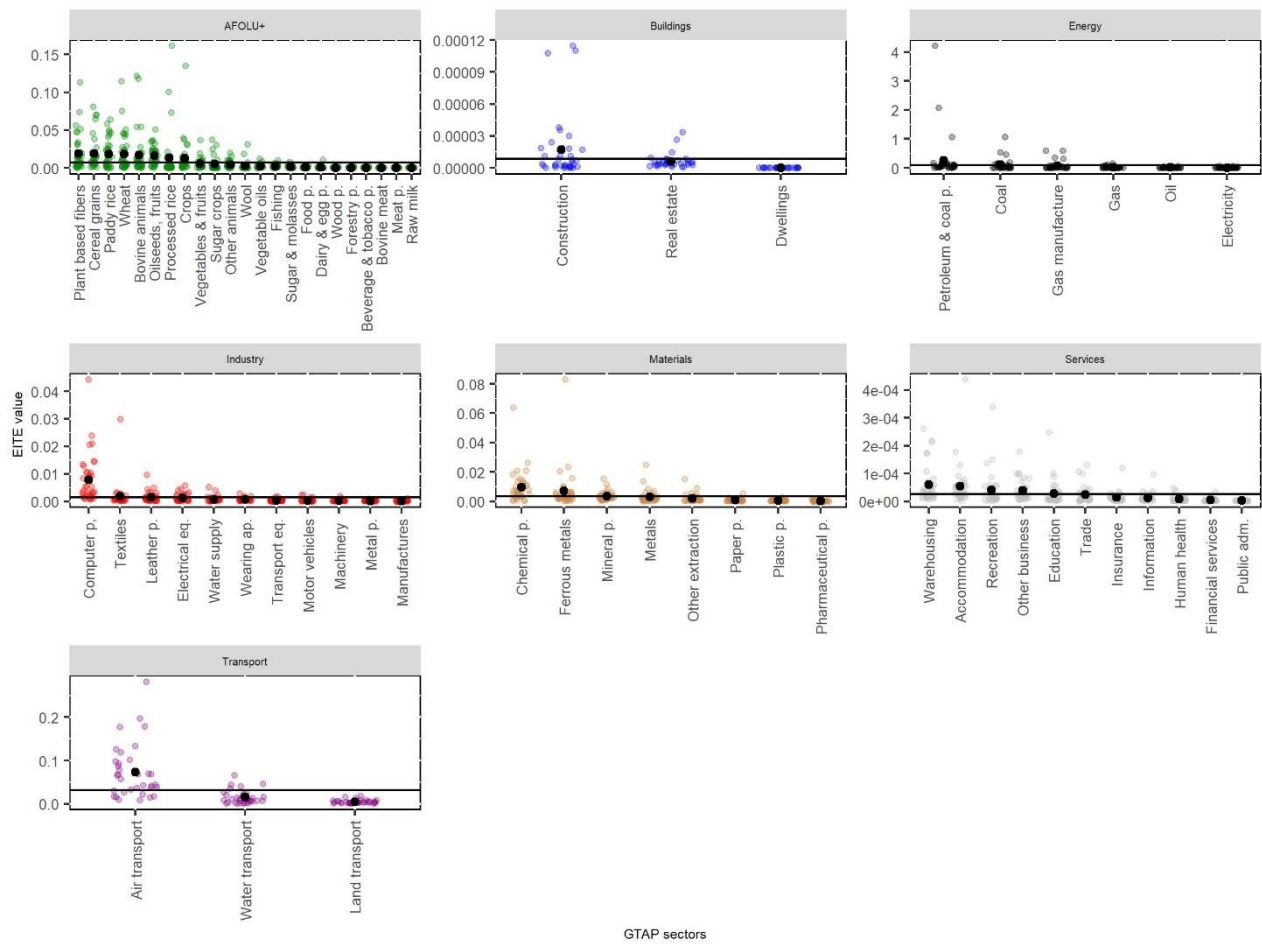


Fig. S15 EITE value distribution under the “direct” climate policy scenario, by GTAP sector. Notes: The colored circles give EITE values for every sector in every OECD member country. The black circles give averages for each GTAP sector. The horizontal lines give averages for each sector group

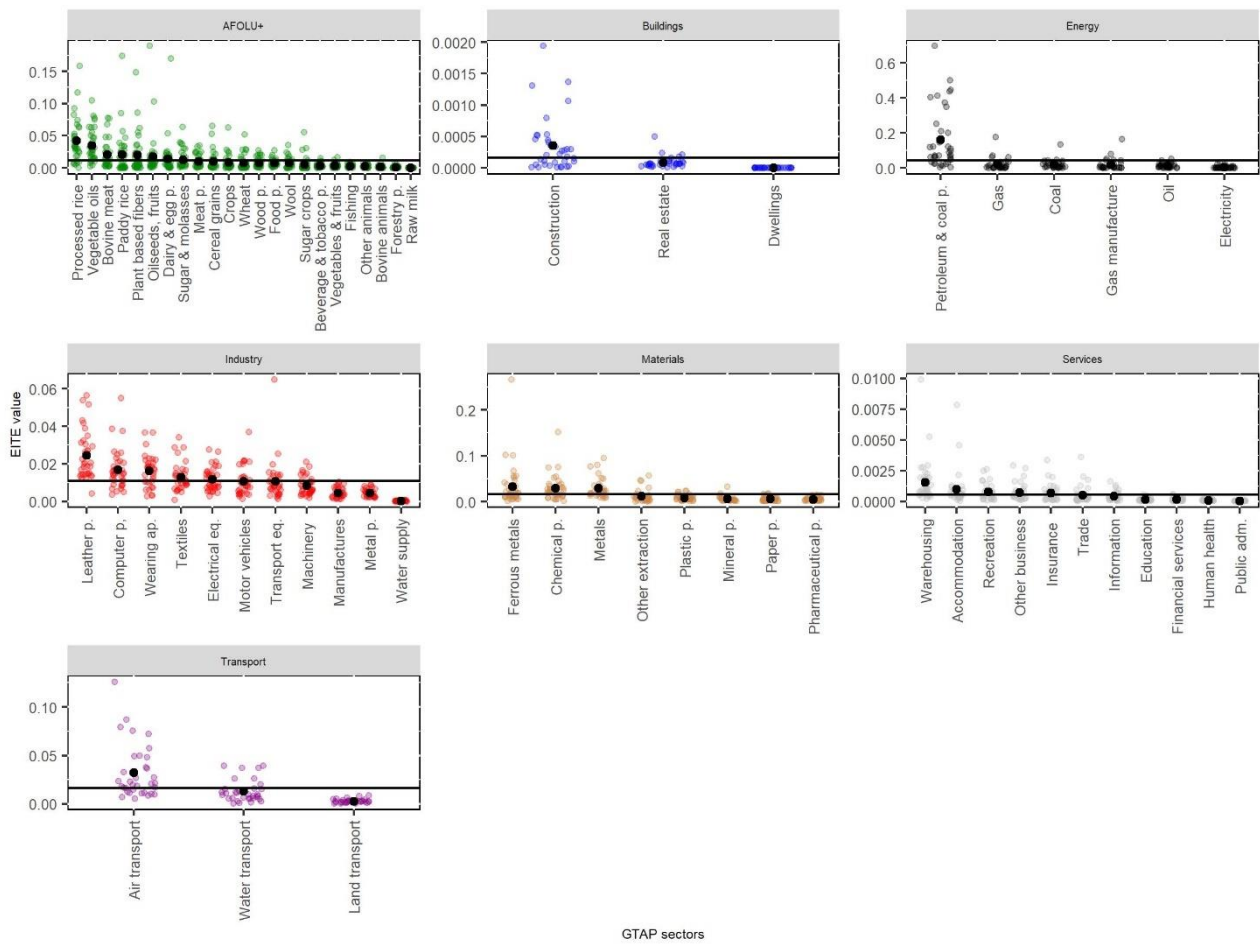


Fig. S16 EITE value distribution under the “indirect” climate policy scenario, by GTAP sector. Notes: The colored circles give EITE values for every sector in every OECD member country. The black circles give averages for each GTAP sector. The horizontal lines give averages for each sector group

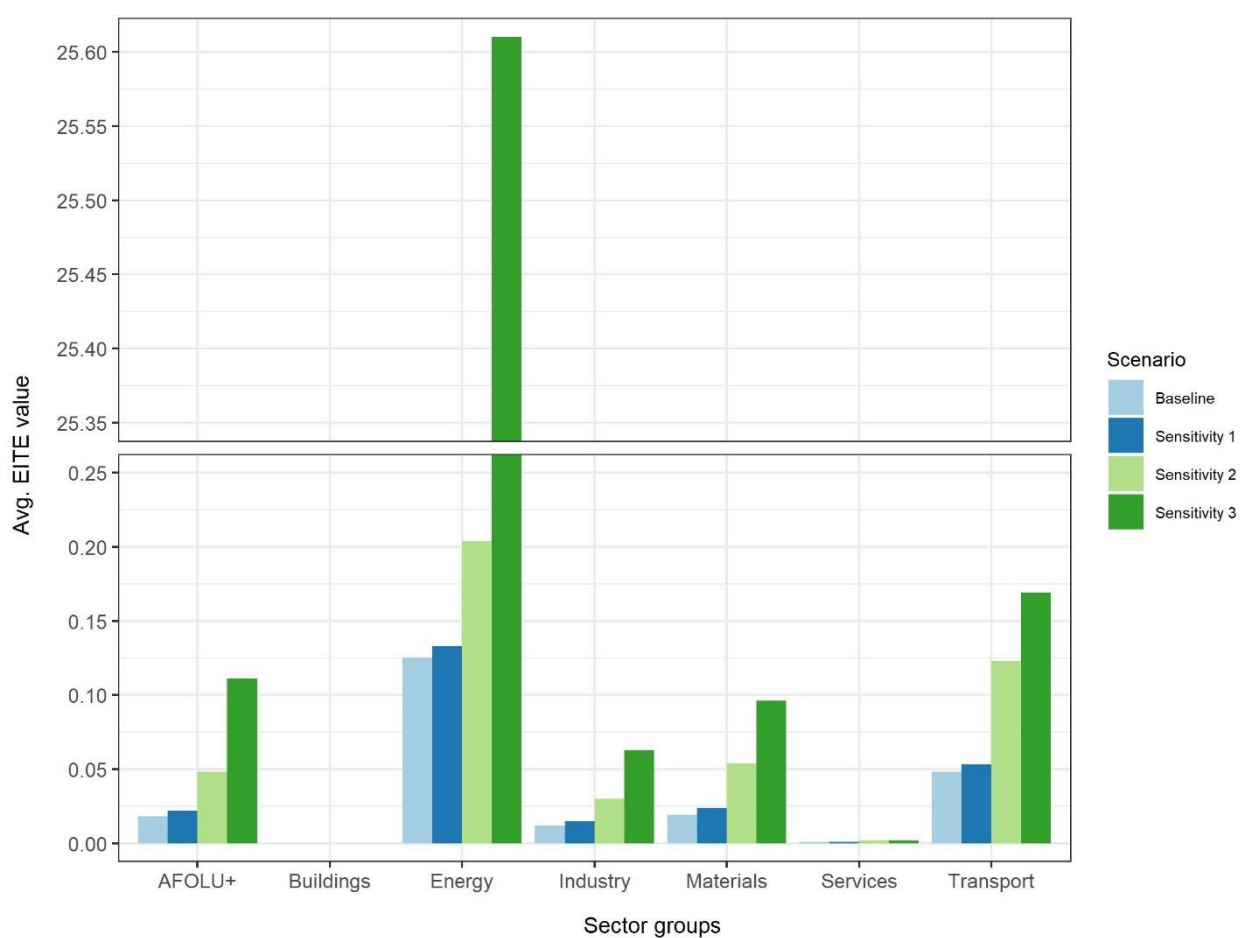


Fig. S17 Average EITE value in OECD countries under the “total” climate policy scenario, by sector group and sensitivity scenario.

Note: averages are calculated by taking the mean of the EITE value over sectors belonging to the sector group in OECD countries

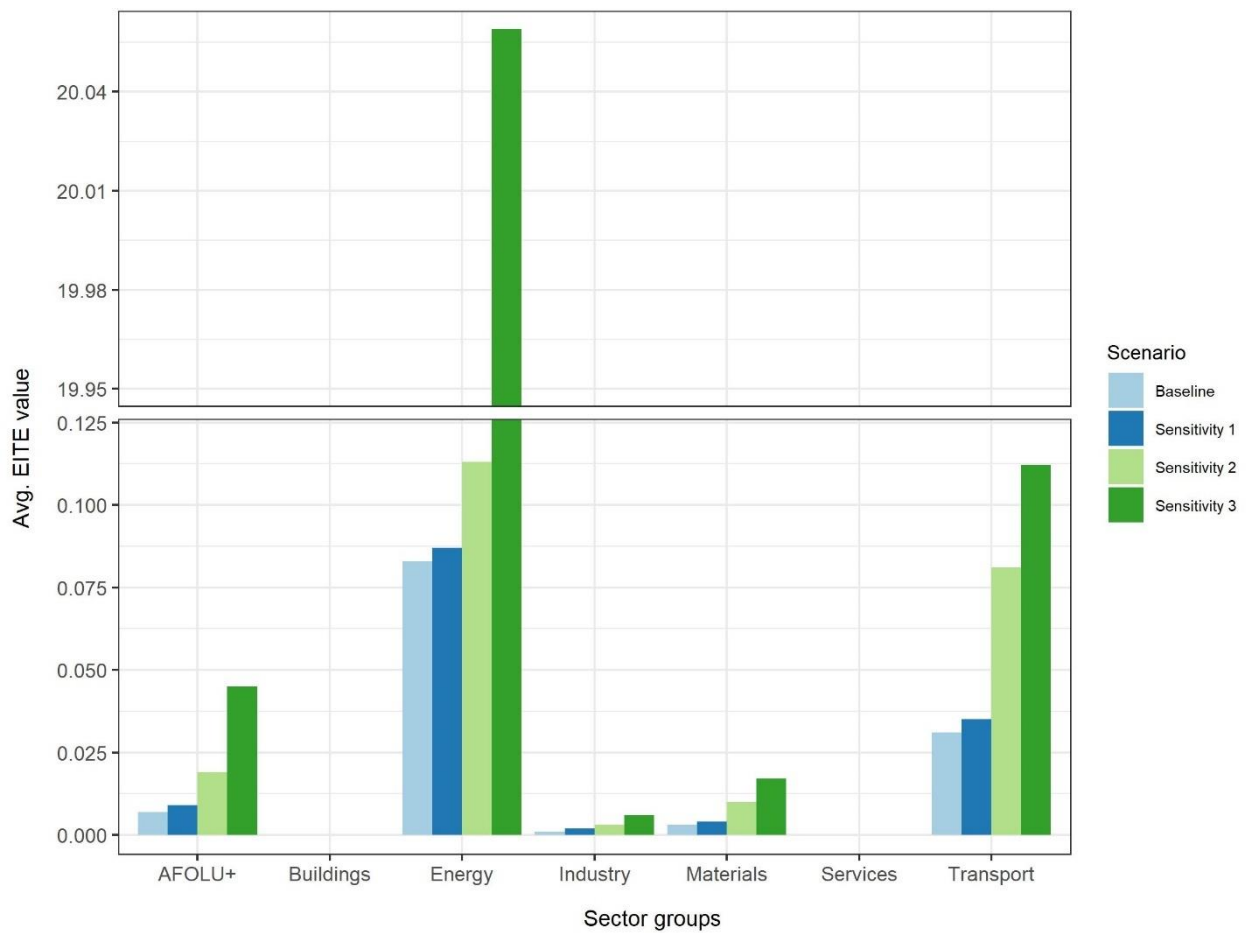


Fig. S18 Average EITE value in OECD countries under the “direct” climate policy scenario, by sector group and sensitivity scenario. Note: averages are calculated by taking the mean of the EITE value over sectors belonging to the sector group in OECD countries

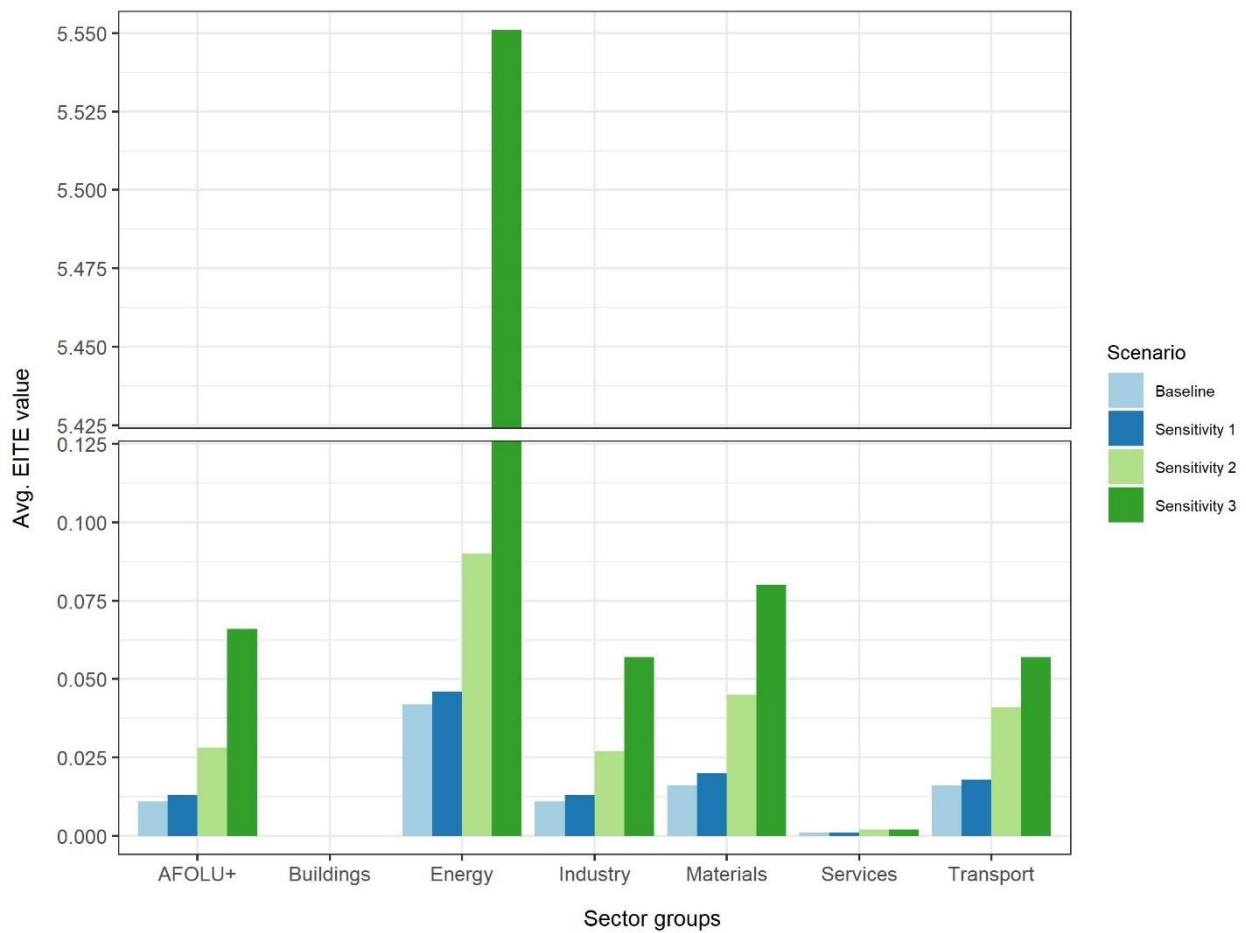


Fig. S19 Average EITE value in OECD countries under the “indirect” climate policy scenario, by sector group and sensitivity scenario. Note: averages are calculated by taking the mean of the EITE value over sectors belonging to the sector group in OECD countries

Table S1 Names and description of the GTAP coefficients used in the EE-MRIO model

Data type	Table name	Description	Used to construct matrix/vector
Economic	<i>VDFM</i>	Intermediates - Firms' domestic purchases at market prices	Z, x
	<i>VIFM</i>	Intermediates - Firms' import purchases at market prices	Z, x, imp
	<i>VXMD</i>	Trade - Bilateral exports at market prices	x, exp
	<i>VDPM</i>	Household domestic purchases at market prices	x
	<i>VDGM</i>	Government domestic purchases at market prices	x
	<i>VST</i>	Trade - Exports for international transportation at market prices	x
	<i>VFM</i>	Endowments - Firms' purchases at market prices	v
	<i>VIPM</i>	Household import purchases at market prices	imp
	<i>VIGM</i>	Government import purchases at market prices	imp
Environmental	<i>MDF</i>	CO ₂ emissions from domestic product in current production, MtCO ₂	d
	<i>MIF</i>	CO ₂ Emissions from imports in current production, MtCO ₂	d
	<i>NCQO</i>	Non-CO ₂ emissions associated with output in 2014, mil tCO ₂ eq	d
	<i>NCQE</i>	Non-CO ₂ emissions associated with endowment in 2014, mil tCO ₂ eq	d
	<i>NCQF</i>	Non-CO ₂ emissions associated with intermediate use in 2014, mil tCO ₂ eq	d

Table S2 GTAP regions. Notes: *carbon pricing countries are those that implemented or scheduled a carbon pricing scheme (World Bank 2021)

No.	Abb.	Region name	OECD country	Carbon pricing country (World Bank, 2021) *
1	AUT	Austria	x	x
2	BEL	Belgium	x	x
3	CZE	Czech Republic	x	x
4	DNK	Denmark	x	x
5	EST	Estonia	x	x
6	FIN	Finland	x	x
7	FRA	France	x	x
8	DEU	Germany	x	x
9	GRC	Greece	x	x
10	HUN	Hungary	x	x
11	IRL	Ireland	x	x
12	ITA	Italy	x	x
13	LVA	Latvia	x	x
14	LTU	Lithuania	x	x
15	LUX	Luxembourg	x	x
16	NLD	Netherlands	x	x
17	POL	Poland	x	x
18	PRT	Portugal	x	x

19	SVK	Slovakia	x	x
20	SVN	Slovenia	x	x
21	ESP	Spain	x	x
22	SWE	Sweden	x	x
23	GBR	United Kingdom	x	x
24	CHE	Switzerland	x	x
25	NOR	Norway	x	x
26	NZL	New Zealand	x	x
27	JPN	Japan	x	x
28	KOR	Korea, Republic of	x	x
29	CAN	Canada	x	x
30	USA	United States of America	x	x
31	MEX	Mexico	x	x
32	CHL	Chile	x	x
33	COL	Colombia	x	x
34	TUR	Turkey	x	-
35	ISR	Israel	x	-
36	AUS	Australia	x	-
37	CRI	Costa Rica	x	-
38	BGR	Bulgaria	-	x
39	HRV	Croatia	-	x
40	CYP	Cyprus	-	x
41	MLT	Malta	-	x
42	ROU	Romania	-	x
43	ZAF	South Africa	-	x
44	CHN	China	-	x
45	ARG	Argentina	-	x
46	IDN	Indonesia	-	x
47	UKR	Ukraine	-	x
48	KAZ	Kazakhstan	-	x
49	XEF	Rest of European Free Trade Association	-	-
50	ALB	Albania	-	-
51	BLR	Belarus	-	-
52	RUS	Russian Federation	-	-
53	XEE	Rest of Eastern Europe	-	-
54	XER	Rest of Europe	-	-
55	XOC	Rest of Oceania	-	-
56	HKG	Hong Kong, Special Administrative Region of China	-	-
57	MNG	Mongolia	-	-
58	TWN	Taiwan	-	-
59	XEA	Rest of East Asia	-	-
60	BRN	Brunei Darussalam	-	-

61	KHM	Cambodia	-	-
62	LAO	Lao PDR	-	-
63	MYS	Malaysia	-	-
64	PHL	Philippines	-	-
65	SGP	Singapore	-	-
66	THA	Thailand	-	-
67	VNM	Viet Nam	-	-
68	XSE	Rest of Southeast Asia	-	-
69	BGD	Bangladesh	-	-
70	IND	India	-	-
71	NPL	Nepal	-	-
72	PAK	Pakistan	-	-
73	LKA	Sri Lanka	-	-
74	XSA	Rest of South Asia	-	-
75	XNA	Rest of North America	-	-
76	BOL	Bolivia	-	-
77	BRA	Brazil	-	-
78	ECU	Ecuador	-	-
79	PRY	Paraguay	-	-
80	PER	Peru	-	-
81	URY	Uruguay	-	-
82	VEN	Venezuela (Bolivarian Republic of)	-	-
83	XSM	Rest of South America	-	-
84	GTM	Guatemala	-	-
85	HND	Honduras	-	-
86	NIC	Nicaragua	-	-
87	PAN	Panama	-	-
88	SLV	El Salvador	-	-
89	XCA	Rest of Central America	-	-
90	DOM	Dominican Republic	-	-
91	JAM	Jamaica	-	-
92	PRI	Puerto Rico	-	-
93	TTO	Trinidad and Tobago	-	-
94	XCB	Rest of Caribbean	-	-
95	KGZ	Kyrgyzstan	-	-
96	TJK	Tajikistan	-	-
97	XSU	Rest of Former Soviet Union	-	-
98	ARM	Armenia	-	-
99	AZE	Azerbaijan	-	-
100	GEO	Georgia	-	-
101	BHR	Bahrain	-	-
102	IRN	Iran, Islamic Republic of	-	-

103	JOR	Jordan	-	-
104	KWT	Kuwait	-	-
105	OMN	Oman	-	-
106	QAT	Qatar	-	-
107	SAU	Saudi Arabia	-	-
108	ARE	United Arab Emirates	-	-
109	XWS	Rest of Western Asia	-	-
110	EGY	Egypt	-	-
111	MAR	Morocco	-	-
112	TUN	Tunisia	-	-
113	XNF	Rest of North Africa	-	-
114	BEN	Benin	-	-
115	BFA	Burkina Faso	-	-
116	CMR	Cameroon	-	-
117	CIV	Côte d'Ivoire	-	-
118	GHA	Ghana	-	-
119	GIN	Guinea	-	-
120	NGA	Nigeria	-	-
121	SEN	Senegal	-	-
122	TGO	Togo	-	-
123	XWF	Rest of Western Africa	-	-
124	XCF	Rest of Central Africa	-	-
125	XAC	South Central Africa	-	-
126	ETH	Ethiopia	-	-
127	KEN	Kenya	-	-
128	MDG	Madagascar	-	-
129	MWI	Malawi	-	-
130	MUS	Mauritius	-	-
131	MOZ	Mozambique	-	-
132	RWA	Rwanda	-	-
133	TZA	Tanzania, United Republic of	-	-
134	UGA	Uganda	-	-
135	ZMB	Zambia	-	-
136	ZWE	Zimbabwe	-	-
137	XEC	Rest of Eastern Africa	-	-
138	BWA	Botswana	-	-
139	NAM	Namibia	-	-
140	XSC	Rest of South African Customs Union	-	-
141	XTW	Rest of the World	-	-

Table S3 GTAP 10 sectors’ concordances. Source: Aguiar et al. (2019). Notes: * indicates traditional energy-intensive manufacturing sectors. CPC (ISIC) stands for Central Product Classification (International Standard Industrial Classification). The acronym n.e.c. stands for “not elsewhere classified”

No.	GTAP code	Short name	Long name	Concordances		
				CPC version 2.1	ISIC revision 4	7 sectors (Hertwich & Wood, 2018)
1	pdr	Paddy rice	Paddy rice	0113	-	AFOLU+
2	wht	Wheat	Wheat	0111	-	AFOLU+
3	gro	Cereal grains	Cereal grains not elsewhere classified (n.e.c.)	0112, 0114-0119	-	AFOLU+
4	v_f	Vegetables & fruits	Vegetables, fruit & nuts	012, 013, 015, 017	-	AFOLU+
5	osd	Oilseeds, fruits	Oilseeds & oleaginous fruits	014	-	AFOLU+
6	c_b	Sugar crops	Sugar crops (cane, beet)	018	-	AFOLU+
7	pfb	Plant based fibers	Plant-based fibers	0192	-	AFOLU+
8	ocr	Crops	Crops nec	016, 0191, 0193-0197, 0199	-	AFOLU+
9	ctl	Bovine animals	Bovine animals, horses & other equines	0211-0213, 0299	-	AFOLU+
10	oap	Other animals	Other animals & animal products nec	0214, 0215, 0219, 023, 024, 0291-0293, 0295, 0296	-	AFOLU+
11	rmk	Raw milk	Raw milk	022	-	AFOLU+
12	wol	Wool	Wool & silk-worm cocoons	0294	-	AFOLU+
13	frs	Forestry p.	Forestry & logging products	03	-	AFOLU+
14	cmt	Bovine meat	Bovine meat products	21111, 21112, 21115-21119, 2113, 2115	-	AFOLU+
15	omt	Meat p.	Meat products nec	21113, 21114, 2112, 2114, 2116-2119	-	AFOLU+
16	vol	Vegetable oils	Vegetable oils & fats	215-219	-	AFOLU+
17	mil	Dairy & egg p.	Dairy products & egg products	22	-	AFOLU+
18	pcr	Processed rice	Processed rice	2316	-	AFOLU+
19	sgr	Sugar & molasses	Sugar & molasses	235	-	AFOLU+
20	ofd	Food p.	Food products nec	212-214, 2311-2314, 2317, 2318, 232-234, 236-239	-	AFOLU+
21	b_t	Beverage & tobacco p.	Beverages & tobacco products	24, 25	-	AFOLU+
22	cns	Construction	Construction	-	41-43	Buildings
23	coa	Coal	Coal	-	05	Energy
24	oil	Oil	Oil	-	061, 091 (part)	Energy
25	gas	Gas	Gas	-	062, 091 (part)	Energy
26	oxt	Other extraction	Other extraction (formerly omn minerals n.e.c.)	-	07, 08, 099	Materials
27	ely	Electricity	Electricity; steam & air conditioning supply	-	351, 353	Energy
28	gdt	Gas manufacture	Gas manufacture & distribution	-	352	Energy
29	wtr	Water supply	Water supply; sewerage, waste management & remediation activities	-	36-39	Industry
30	fsh	Fishing	Fishing	-	03, 017	AFOLU+
31	tex	Textiles	Textiles	-	13	Industry
32	wap	Wearing ap.	Wearing apparel	-	14	Industry
33	lea	Leather p.	Leather products	-	15	Industry
34	lum	Wood p.	Wood products	-	16	AFOLU+

35	ppp*	Paper p.	Paper products & printing	-	17, 18	Materials
36	p_c	Petroleum & coal p.	Petroleum & coal products	-	19	Energy
37	chm*	Chemical p.	Chemical products	-	20	Materials
38	bph*	Pharmaceutical p.	Basic pharmaceutical products	-	21	Materials
39	rpp*	Plastic p.	Rubber & plastic products	-	22	Materials
40	nmm*	Mineral p.	Mineral products n.e.c.	-	23	Materials
41	i_s*	Ferrous metals	Ferrous metals	-	241, 2431	Materials
42	nfm*	Metals	Metals n.e.c.	-	242, 2432	Materials
43	fmp	Metal p.	Metal products	-	25	Industry
44	ele	Computer p.	Computer, electronic & optical products	-	26	Industry
45	eeq	Electrical eq.	Electrical equipment	-	27	Industry
46	ome	Machinery	Machinery & equipment n.e.c.	-	28	Industry
47	mvh	Motor vehicles	Motor vehicles & parts	-	29	Industry
48	otn	Transport eq.	Transport equipment n.e.c.	-	30	Industry
49	omf	Manufactures	Manufactures n.e.c.	-	31, 32, 33	Industry
50	otp	Land transport	Land transport & transport via pipelines	-	49	Transport
51	wtp	Water transport	Water transport	-	50	Transport
52	atp	Air transport	Air transport	-	51	Transport
53	trd	Trade	Wholesale & retail trade; repair of motor vehicles & motorcycles	-	45-47	Services
54	afs	Accommodation	Accommodation & food service activities	-	55, 56	Services
55	whs	Warehousing	Warehousing & support activities	-	52	Services
56	cmn	Information	Information & communication	-	53, 58-63	Services
57	ofi	Financial services	Financial services nec	-	64, 661, 663	Services
58	ins	Insurance	Insurance (formerly isr)	-	65, 662	Services
59	rsa	Real estate	Real estate activities	-	68	Buildings
60	obs	Other business	Other business services	-	69-82 (M and N)	Services
61	ros	Recreation	Recreational & other services	-	90-98 (R, S, and T)	Services
62	osg	Public adm.	Public administration & defense; compulsory social security; activities of extraterritorial organizations & bodies	-	84, 99	Services
63	edu	Education	Education	-	85	Services
64	hht	Human health	Human health & social work activities	-	86-88 (Q)	Services
65	dwe	Dwellings	Dwellings	-	not available	Buildings

Table S4 Average value of EITE components in OECD countries, by sector group. Notes: averages are calculated by taking the mean of the EITE component value over sectors belonging to the sector group in OECD countries. Values in parenthesis are standard deviations

Sector group	EI component					TE component	EITE value under policy scenario		
	Total	Direct	Indirect (national)	Indirect (OECD)	Indirect (non-OECD)		Direct	Indirect	Total
AFOLU+	0.110 (0.121)	0.050 (0.105)	0.043 (0.055)	0.010 (0.018)	0.006 (0.010)	0.200 (0.215)	0.007 (0.016)	0.011 (0.020)	0.018 (0.030)
Buildings	0.012 (0.013)	0.001 (0.001)	0.008 (0.009)	0.002 (0.002)	0.001 (0.002)	0.011 (0.015)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Energy	0.380 (0.693)	0.191 (0.396)	0.068 (0.136)	0.025 (0.059)	0.096 (0.298)	0.404 (0.401)	0.083 (0.358)	0.042 (0.096)	0.125 (0.379)
Industry	0.053 (0.043)	0.012 (0.038)	0.021 (0.012)	0.011 (0.010)	0.009 (0.007)	0.262 (0.187)	0.001 (0.004)	0.011 (0.010)	0.012 (0.012)
Materials	0.085 (0.069)	0.016 (0.020)	0.039 (0.035)	0.016 (0.017)	0.013 (0.017)	0.202 (0.148)	0.003 (0.007)	0.016 (0.024)	0.019 (0.030)
Services	0.012 (0.008)	0.001 (0.001)	0.009 (0.006)	0.002 (0.002)	0.001 (0.001)	0.042 (0.046)	0.000 (0.000)	0.001 (0.001)	0.001 (0.001)
Transport	0.240 (0.236)	0.154 (0.169)	0.048 (0.049)	0.023 (0.029)	0.015 (0.023)	0.151 (0.089)	0.031 (0.048)	0.016 (0.021)	0.048 (0.069)

Table S5 Average value of EITE components in OECD countries, at the GTAP sector level. Notes: averages are calculated across OECD countries. Values in parenthesis are standard deviations

Sector	Sector group	EI component					TE component	EITE value under policy scenario		
		Total	Direct	Indirect (national)	Indirect (OECD)	Indirect (non-OECD)		Direct	Indirect	Total
Processed rice	AFOLU+	0.136 (0.104)	0.025 (0.063)	0.076 (0.081)	0.020 (0.029)	0.015 (0.016)	0.460 (0.260)	0.013 (0.034)	0.042 (0.034)	0.055 (0.055)
Paddy rice	AFOLU+	0.163 (0.113)	0.112 (0.113)	0.028 (0.021)	0.016 (0.047)	0.006 (0.007)	0.292 (0.243)	0.019 (0.018)	0.021 (0.033)	0.039 (0.044)
Plant based fibers	AFOLU+	0.080 (0.075)	0.041 (0.042)	0.027 (0.034)	0.007 (0.012)	0.005 (0.007)	0.504 (0.246)	0.019 (0.025)	0.020 (0.030)	0.039 (0.051)
Vegetable oils	AFOLU+	0.130 (0.076)	0.008 (0.010)	0.066 (0.053)	0.031 (0.025)	0.025 (0.025)	0.310 (0.179)	0.002 (0.002)	0.035 (0.026)	0.037 (0.027)
Oilseeds, fruits	AFOLU+	0.101 (0.086)	0.055 (0.049)	0.027 (0.032)	0.009 (0.011)	0.009 (0.021)	0.384 (0.230)	0.016 (0.012)	0.018 (0.034)	0.034 (0.039)
Cereal grains	AFOLU+	0.116 (0.076)	0.082 (0.056)	0.023 (0.017)	0.007 (0.008)	0.004 (0.005)	0.266 (0.236)	0.019 (0.022)	0.010 (0.015)	0.029 (0.033)
Wheat	AFOLU+	0.101 (0.069)	0.072 (0.052)	0.019 (0.016)	0.005 (0.006)	0.004 (0.004)	0.247 (0.228)	0.018 (0.025)	0.008 (0.011)	0.026 (0.035)
Bovine meat	AFOLU+	0.258 (0.077)	0.003 (0.003)	0.210 (0.079)	0.033 (0.032)	0.012 (0.014)	0.079 (0.082)	0.000 (0.000)	0.021 (0.022)	0.021 (0.022)
Crops	AFOLU+	0.072 (0.066)	0.043 (0.041)	0.020 (0.020)	0.005 (0.006)	0.004 (0.005)	0.282 (0.208)	0.013 (0.023)	0.008 (0.012)	0.020 (0.035)
Bovine animals	AFOLU+	0.443 (0.266)	0.397 (0.252)	0.039 (0.042)	0.005 (0.006)	0.003 (0.003)	0.040 (0.056)	0.017 (0.028)	0.002 (0.003)	0.019 (0.031)
Dairy & egg p.	AFOLU+	0.146 (0.068)	0.005 (0.005)	0.121 (0.058)	0.015 (0.016)	0.006 (0.007)	0.079 (0.113)	0.001 (0.002)	0.014 (0.029)	0.015 (0.030)
Sugar & molasses	AFOLU+	0.071 (0.036)	0.009 (0.012)	0.045 (0.027)	0.011 (0.013)	0.006 (0.006)	0.187 (0.162)	0.001 (0.002)	0.012 (0.014)	0.014 (0.015)

Meat p.	AFOLU+	0.130	0.003	0.099	0.022	0.006	0.075	0.000	0.010	0.010
		(0.058)	(0.003)	(0.048)	(0.017)	(0.006)	(0.054)	(0.000)	(0.009)	(0.010)
Wool	AFOLU+	0.021	0.006	0.010	0.003	0.002	0.426	0.003	0.007	0.010
		(0.021)	(0.009)	(0.010)	(0.004)	(0.003)	(0.223)	(0.006)	(0.008)	(0.013)
Sugar crops	AFOLU+	0.097	0.054	0.027	0.010	0.005	0.080	0.005	0.005	0.010
		(0.068)	(0.041)	(0.023)	(0.014)	(0.006)	(0.145)	(0.009)	(0.011)	(0.019)
Vegetables & fruits	AFOLU+	0.031	0.020	0.008	0.002	0.002	0.255	0.006	0.003	0.009
		(0.019)	(0.015)	(0.005)	(0.002)	(0.003)	(0.158)	(0.007)	(0.003)	(0.010)
Food p.	AFOLU+	0.060	0.005	0.036	0.012	0.007	0.131	0.001	0.008	0.008
		(0.022)	(0.003)	(0.016)	(0.006)	(0.006)	(0.070)	(0.001)	(0.006)	(0.006)
Wood p.	AFOLU+	0.053	0.003	0.035	0.009	0.007	0.131	0.000	0.008	0.008
		(0.024)	(0.002)	(0.018)	(0.007)	(0.005)	(0.083)	(0.000)	(0.007)	(0.007)
Other animals	AFOLU+	0.080	0.049	0.025	0.004	0.002	0.092	0.004	0.002	0.007
		(0.039)	(0.026)	(0.016)	(0.004)	(0.002)	(0.095)	(0.005)	(0.002)	(0.007)
Fishing	AFOLU+	0.047	0.021	0.019	0.004	0.003	0.115	0.002	0.003	0.005
		(0.032)	(0.021)	(0.015)	(0.003)	(0.003)	(0.092)	(0.002)	(0.002)	(0.004)
Beverage & tobacco p.	AFOLU+	0.042	0.003	0.025	0.008	0.005	0.086	0.000	0.003	0.004
		(0.017)	(0.002)	(0.011)	(0.006)	(0.005)	(0.074)	(0.000)	(0.003)	(0.003)
Forestry p.	AFOLU+	0.019	0.005	0.011	0.002	0.002	0.075	0.000	0.001	0.001
		(0.013)	(0.004)	(0.009)	(0.001)	(0.002)	(0.110)	(0.000)	(0.002)	(0.002)
Raw milk	AFOLU+	0.124	0.100	0.019	0.003	0.002	0.002	0.000	0.000	0.000
		(0.063)	(0.057)	(0.017)	(0.002)	(0.003)	(0.002)	(0.000)	(0.000)	(0.000)
Construction	Buildings	0.027	0.001	0.018	0.004	0.003	0.012	0.000	0.000	0.000
		(0.011)	(0.001)	(0.009)	(0.003)	(0.002)	(0.015)	(0.000)	(0.000)	(0.000)
Real estate	Buildings	0.005	0.000	0.004	0.000	0.000	0.018	0.000	0.000	0.000
		(0.002)	(0.000)	(0.002)	(0.000)	(0.001)	(0.016)	(0.000)	(0.000)	(0.000)
Dwellings	Buildings	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
		(0.001)	(0.000)	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Petroleum & coal p.	Energy	1.413	0.552	0.271	0.105	0.485	0.241	0.262	0.161	0.424
		(1.063)	(0.759)	(0.216)	(0.101)	(0.546)	(0.248)	(0.772)	(0.174)	(0.771)
Coal	Energy	0.201	0.165	0.025	0.006	0.005	0.484	0.106	0.019	0.125
		(0.232)	(0.227)	(0.016)	(0.011)	(0.008)	(0.384)	(0.222)	(0.026)	(0.232)
Gas manufacture	Energy	0.171	0.128	0.024	0.008	0.011	0.366	0.076	0.019	0.095
		(0.216)	(0.182)	(0.038)	(0.013)	(0.019)	(0.383)	(0.162)	(0.034)	(0.190)
Gas	Energy	0.058	0.033	0.019	0.003	0.003	0.612	0.023	0.021	0.043
		(0.060)	(0.036)	(0.029)	(0.004)	(0.004)	(0.419)	(0.035)	(0.036)	(0.063)
Oil	Energy	0.030	0.015	0.010	0.002	0.002	0.745	0.011	0.012	0.023
		(0.022)	(0.014)	(0.008)	(0.003)	(0.002)	(0.368)	(0.013)	(0.013)	(0.023)
Electricity	Energy	0.255	0.199	0.029	0.014	0.013	0.047	0.009	0.003	0.012
		(0.222)	(0.178)	(0.030)	(0.028)	(0.019)	(0.073)	(0.016)	(0.007)	(0.022)
Leather p.	Industry	0.051	0.003	0.022	0.014	0.012	0.525	0.002	0.025	0.026
		(0.022)	(0.002)	(0.014)	(0.011)	(0.008)	(0.182)	(0.002)	(0.013)	(0.014)
Computer p.	Industry	0.073	0.023	0.021	0.017	0.013	0.352	0.008	0.017	0.025
		(0.042)	(0.027)	(0.012)	(0.015)	(0.010)	(0.145)	(0.009)	(0.011)	(0.015)
Wearing ap.	Industry	0.036	0.001	0.015	0.010	0.010	0.478	0.001	0.016	0.017
		(0.014)	(0.001)	(0.007)	(0.006)	(0.006)	(0.170)	(0.001)	(0.008)	(0.009)
Textiles	Industry	0.046	0.004	0.022	0.011	0.009	0.303	0.002	0.013	0.015
		(0.016)	(0.007)	(0.010)	(0.006)	(0.006)	(0.123)	(0.005)	(0.008)	(0.011)
Electrical eq.	Industry	0.047	0.004	0.020	0.013	0.010	0.278	0.001	0.012	0.013
		(0.016)	(0.004)	(0.009)	(0.008)	(0.005)	(0.112)	(0.001)	(0.006)	(0.007)
Motor vehicles	Industry	0.060	0.002	0.028	0.019	0.012	0.189	0.000	0.011	0.011
		(0.028)	(0.002)	(0.017)	(0.013)	(0.007)	(0.116)	(0.001)	(0.007)	(0.008)
Transport eq.	Industry	0.040	0.001	0.020	0.011	0.008	0.259	0.000	0.011	0.011
		(0.019)	(0.002)	(0.011)	(0.007)	(0.005)	(0.146)	(0.000)	(0.011)	(0.011)
Machinery	Industry	0.035	0.001	0.019	0.009	0.007	0.233	0.000	0.008	0.009
		(0.013)	(0.002)	(0.009)	(0.006)	(0.004)	(0.081)	(0.000)	(0.005)	(0.005)
Manufactures	Industry	0.032	0.001	0.017	0.009	0.006	0.144	0.000	0.005	0.005
		(0.014)	(0.001)	(0.008)	(0.007)	(0.003)	(0.059)	(0.000)	(0.003)	(0.003)
Metal p.	Industry	0.040	0.001	0.023	0.009	0.007	0.116	0.000	0.004	0.005
		(0.013)	(0.001)	(0.012)	(0.005)	(0.003)	(0.049)	(0.000)	(0.002)	(0.002)
Water supply	Industry	0.123	0.094	0.023	0.004	0.002	0.007	0.001	0.000	0.001
		(0.094)	(0.087)	(0.011)	(0.004)	(0.003)	(0.004)	(0.001)	(0.000)	(0.001)
Ferrous metals	Materials	0.169	0.031	0.080	0.030	0.028	0.201	0.007	0.033	0.040
		(0.096)	(0.026)	(0.055)	(0.026)	(0.027)	(0.150)	(0.014)	(0.047)	(0.060)
Chemical p.	Materials	0.133	0.034	0.051	0.025	0.023	0.267	0.010	0.029	0.038
		(0.069)	(0.030)	(0.031)	(0.014)	(0.021)	(0.135)	(0.011)	(0.028)	(0.034)
Metals	Materials	0.125	0.012	0.056	0.032	0.025	0.256	0.003	0.029	0.032
		(0.054)	(0.012)	(0.037)	(0.019)	(0.019)	(0.144)	(0.005)	(0.021)	(0.025)
Other extraction	Materials	0.046	0.008	0.026	0.006	0.006	0.267	0.002	0.011	0.013
		(0.025)	(0.008)	(0.016)	(0.007)	(0.009)	(0.202)	(0.003)	(0.013)	(0.014)
Mineral p.	Materials	0.086	0.031	0.037	0.009	0.008	0.116	0.003	0.006	0.010
		(0.035)	(0.016)	(0.016)	(0.007)	(0.006)	(0.129)	(0.003)	(0.006)	(0.009)
Plastic p.	Materials	0.049	0.004	0.026	0.011	0.008	0.177	0.001	0.008	0.009
		(0.023)	(0.004)	(0.016)	(0.007)	(0.007)	(0.076)	(0.001)	(0.006)	(0.006)
Paper p.	Materials	0.052	0.007	0.031	0.009	0.005	0.114	0.001	0.006	0.007
		(0.025)	(0.006)	(0.017)	(0.006)	(0.003)	(0.074)	(0.001)	(0.005)	(0.006)
Pharmaceutica l p.	Materials	0.025	0.002	0.012	0.008	0.004	0.218	0.000	0.005	0.005
		(0.008)	(0.002)	(0.006)	(0.005)	(0.002)	(0.147)	(0.000)	(0.004)	(0.004)
Warehousing	Services	0.020	0.001	0.015	0.003	0.002	0.076	0.000	0.002	0.002
		(0.010)	(0.001)	(0.007)	(0.002)	(0.001)	(0.054)	(0.000)	(0.002)	(0.002)

Accommodation	Services	0.027 (0.011)	0.002 (0.002)	0.019 (0.010)	0.004 (0.003)	0.002 (0.001)	0.038 (0.049)	0.000 (0.000)	0.001 (0.001)	0.001 (0.002)
Recreation	Services	0.012 (0.006)	0.001 (0.001)	0.009 (0.004)	0.002 (0.002)	0.001 (0.001)	0.061 (0.037)	0.000 (0.000)	0.001 (0.001)	0.001 (0.001)
Other business	Services	0.009 (0.004)	0.001 (0.000)	0.006 (0.002)	0.002 (0.001)	0.001 (0.001)	0.079 (0.056)	0.000 (0.000)	0.001 (0.001)	0.001 (0.001)
Insurance	Services	0.010 (0.007)	0.000 (0.000)	0.008 (0.006)	0.001 (0.001)	0.001 (0.001)	0.069 (0.054)	0.000 (0.000)	0.001 (0.001)	0.001 (0.001)
Trade	Services	0.012 (0.005)	0.001 (0.001)	0.009 (0.004)	0.002 (0.001)	0.001 (0.001)	0.043 (0.054)	0.000 (0.000)	0.001 (0.001)	0.001 (0.001)
Information	Services	0.011 (0.004)	0.000 (0.000)	0.008 (0.003)	0.002 (0.001)	0.001 (0.001)	0.035 (0.026)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Education	Services	0.008 (0.004)	0.001 (0.001)	0.006 (0.003)	0.001 (0.001)	0.001 (0.000)	0.024 (0.013)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Financial services	Services	0.005 (0.002)	0.000 (0.000)	0.004 (0.002)	0.001 (0.000)	0.000 (0.000)	0.027 (0.020)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Human health	Services	0.011 (0.006)	0.001 (0.001)	0.008 (0.004)	0.002 (0.001)	0.001 (0.001)	0.010 (0.005)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Public adm.	Services	0.009 (0.003)	0.001 (0.000)	0.007 (0.003)	0.001 (0.001)	0.001 (0.000)	0.004 (0.002)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Air transport	Transport	0.443 (0.294)	0.309 (0.206)	0.074 (0.069)	0.035 (0.032)	0.025 (0.031)	0.231 (0.079)	0.073 (0.062)	0.032 (0.028)	0.106 (0.089)
Water transport	Transport	0.177 (0.112)	0.090 (0.069)	0.044 (0.033)	0.027 (0.031)	0.016 (0.020)	0.145 (0.068)	0.015 (0.016)	0.013 (0.011)	0.028 (0.025)
Land transport	Transport	0.094 (0.040)	0.058 (0.029)	0.026 (0.012)	0.007 (0.006)	0.004 (0.003)	0.076 (0.034)	0.005 (0.004)	0.003 (0.002)	0.008 (0.006)

Table S6 EITE value averages at the sector group level, by OECD country and climate policy scenario. Notes: averages are calculated across GTAP sectors belonging to the sector group for each country. Values in parenthesis are standard deviations

Country	Sector group	EI component					TE component	EITE value under policy scenario		
		Total	Direct	Indirect (national)	Indirect (OECD)	Indirect (non-OECD)		Direct	Indirect	Total
Australia	AFOLU+	0.117 (0.146)	0.067 (0.143)	0.045 (0.053)	0.002 (0.004)	0.003 (0.003)	0.208 (0.204)	0.007 (0.015)	0.010 (0.018)	0.017 (0.023)
Australia	Buildings	0.013 (0.017)	0.000 (0.000)	0.011 (0.014)	0.000 (0.001)	0.001 (0.002)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Australia	Energy	0.212 (0.205)	0.136 (0.124)	0.050 (0.056)	0.005 (0.009)	0.021 (0.048)	0.242 (0.228)	0.020 (0.022)	0.015 (0.027)	0.035 (0.047)
Australia	Industry	0.039 (0.016)	0.009 (0.018)	0.022 (0.007)	0.002 (0.001)	0.005 (0.002)	0.304 (0.206)	0.002 (0.003)	0.009 (0.006)	0.011 (0.008)
Australia	Materials	0.084 (0.081)	0.020 (0.021)	0.055 (0.060)	0.003 (0.002)	0.006 (0.004)	0.269 (0.156)	0.006 (0.009)	0.020 (0.031)	0.026 (0.039)
Australia	Services	0.014 (0.011)	0.000 (0.000)	0.012 (0.010)	0.001 (0.000)	0.001 (0.001)	0.022 (0.014)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Australia	Transport	0.143 (0.110)	0.097 (0.087)	0.031 (0.018)	0.008 (0.006)	0.007 (0.005)	0.134 (0.089)	0.018 (0.022)	0.008 (0.007)	0.025 (0.029)
Australia	All	0.087 (0.123)	0.044 (0.099)	0.035 (0.043)	0.002 (0.004)	0.005 (0.015)	0.190 (0.193)	0.006 (0.013)	0.009 (0.018)	0.016 (0.027)
Austria	AFOLU+	0.086 (0.086)	0.026 (0.039)	0.031 (0.044)	0.025 (0.058)	0.003 (0.004)	0.165 (0.178)	0.003 (0.006)	0.012 (0.036)	0.015 (0.041)
Austria	Buildings	0.010 (0.013)	0.001 (0.001)	0.007 (0.008)	0.002 (0.003)	0.001 (0.001)	0.012 (0.011)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Austria	Energy	0.491 (0.948)	0.133 (0.212)	0.107 (0.225)	0.062 (0.107)	0.189 (0.407)	0.509 (0.436)	0.022 (0.027)	0.024 (0.027)	0.046 (0.049)
Austria	Industry	0.058 (0.043)	0.017 (0.040)	0.014 (0.002)	0.018 (0.007)	0.008 (0.007)	0.244 (0.172)	0.004 (0.013)	0.011 (0.012)	0.016 (0.019)
Austria	Materials	0.067 (0.027)	0.010 (0.006)	0.025 (0.009)	0.025 (0.017)	0.007 (0.004)	0.125 (0.056)	0.001 (0.001)	0.007 (0.004)	0.008 (0.004)
Austria	Services	0.011 (0.005)	0.001 (0.000)	0.006 (0.003)	0.003 (0.002)	0.001 (0.001)	0.049 (0.033)	0.000 (0.000)	0.001 (0.001)	0.001 (0.001)

Austria	Transport	0.320	0.194	0.088	0.029	0.008	0.145	0.038	0.024	0.062
		(0.358)	(0.236)	(0.088)	(0.028)	(0.006)	(0.067)	(0.055)	(0.029)	(0.084)
Austria	All	0.105	0.033	0.030	0.022	0.019	0.173	0.005	0.010	0.016
		(0.284)	(0.088)	(0.070)	(0.047)	(0.114)	(0.206)	(0.016)	(0.024)	(0.035)
Belgium	AFOLU+	0.150	0.065	0.049	0.027	0.010	0.271	0.011	0.017	0.028
		(0.125)	(0.112)	(0.062)	(0.029)	(0.009)	(0.253)	(0.018)	(0.021)	(0.035)
Belgium	Buildings	0.017	0.000	0.012	0.003	0.002	0.010	0.000	0.000	0.000
		(0.024)	(0.000)	(0.016)	(0.004)	(0.003)	(0.009)	(0.000)	(0.000)	(0.000)
Belgium	Energy	0.722	0.219	0.123	0.069	0.310	0.619	0.059	0.118	0.177
		(1.399)	(0.378)	(0.224)	(0.120)	(0.678)	(0.474)	(0.063)	(0.179)	(0.241)
Belgium	Industry	0.063	0.009	0.021	0.017	0.015	0.239	0.001	0.015	0.016
		(0.013)	(0.014)	(0.002)	(0.007)	(0.008)	(0.166)	(0.002)	(0.012)	(0.012)
Belgium	Materials	0.107	0.015	0.027	0.034	0.031	0.285	0.003	0.027	0.029
		(0.073)	(0.021)	(0.013)	(0.023)	(0.030)	(0.264)	(0.004)	(0.027)	(0.028)
Belgium	Services	0.017	0.001	0.010	0.004	0.003	0.061	0.000	0.001	0.001
		(0.008)	(0.001)	(0.004)	(0.002)	(0.001)	(0.031)	(0.000)	(0.001)	(0.001)
Belgium	Transport	0.157	0.067	0.055	0.023	0.012	0.106	0.007	0.009	0.016
		(0.080)	(0.033)	(0.024)	(0.015)	(0.008)	(0.012)	(0.003)	(0.004)	(0.007)
Belgium	All	0.160	0.051	0.040	0.025	0.044	0.242	0.010	0.025	0.035
		(0.466)	(0.143)	(0.082)	(0.044)	(0.221)	(0.279)	(0.027)	(0.065)	(0.090)
Canada	AFOLU+	0.113	0.052	0.054	0.005	0.002	0.143	0.006	0.006	0.013
		(0.093)	(0.075)	(0.053)	(0.005)	(0.002)	(0.154)	(0.011)	(0.007)	(0.015)
Canada	Buildings	0.010	0.001	0.007	0.001	0.001	0.004	0.000	0.000	0.000
		(0.012)	(0.001)	(0.007)	(0.002)	(0.002)	(0.005)	(0.000)	(0.000)	(0.000)
Canada	Energy	0.110	0.068	0.036	0.005	0.001	0.054	0.001	0.001	0.002
		(0.106)	(0.047)	(0.059)	(0.008)	(0.002)	(0.092)	(0.001)	(0.001)	(0.002)
Canada	Industry	0.047	0.011	0.018	0.011	0.006	0.352	0.004	0.011	0.015
		(0.019)	(0.016)	(0.006)	(0.008)	(0.003)	(0.303)	(0.007)	(0.008)	(0.012)
Canada	Materials	0.089	0.022	0.046	0.014	0.008	0.140	0.003	0.010	0.014
		(0.064)	(0.016)	(0.031)	(0.013)	(0.011)	(0.037)	(0.002)	(0.011)	(0.013)
Canada	Services	0.012	0.001	0.009	0.001	0.001	0.031	0.000	0.000	0.000
		(0.005)	(0.001)	(0.003)	(0.001)	(0.000)	(0.027)	(0.000)	(0.000)	(0.000)
Canada	Transport	0.321	0.218	0.081	0.019	0.004	0.148	0.036	0.018	0.054
		(0.147)	(0.113)	(0.034)	(0.017)	(0.003)	(0.072)	(0.029)	(0.012)	(0.039)
Canada	All	0.086	0.039	0.036	0.007	0.003	0.145	0.005	0.006	0.011
		(0.097)	(0.068)	(0.042)	(0.009)	(0.005)	(0.187)	(0.011)	(0.008)	(0.017)
Chile	AFOLU+	0.091	0.046	0.036	0.003	0.006	0.193	0.003	0.010	0.012
		(0.091)	(0.089)	(0.050)	(0.003)	(0.007)	(0.198)	(0.005)	(0.014)	(0.015)
Chile	Buildings	0.010	0.001	0.008	0.000	0.001	0.002	0.000	0.000	0.000
		(0.009)	(0.001)	(0.006)	(0.001)	(0.002)	(0.002)	(0.000)	(0.000)	(0.000)
Chile	Energy	0.167	0.105	0.022	0.015	0.026	0.321	0.009	0.007	0.016
		(0.173)	(0.117)	(0.017)	(0.031)	(0.060)	(0.380)	(0.014)	(0.009)	(0.017)
Chile	Industry	0.057	0.021	0.020	0.004	0.012	0.455	0.002	0.018	0.019
		(0.047)	(0.056)	(0.004)	(0.002)	(0.007)	(0.214)	(0.001)	(0.009)	(0.010)
Chile	Materials	0.049	0.008	0.033	0.004	0.004	0.287	0.002	0.012	0.014
		(0.021)	(0.007)	(0.016)	(0.004)	(0.003)	(0.116)	(0.002)	(0.007)	(0.008)
Chile	Services	0.014	0.001	0.011	0.001	0.001	0.023	0.000	0.000	0.000
		(0.008)	(0.000)	(0.007)	(0.000)	(0.001)	(0.023)	(0.000)	(0.000)	(0.000)
Chile	Transport	0.163	0.105	0.027	0.022	0.009	0.076	0.009	0.006	0.015
		(0.078)	(0.042)	(0.004)	(0.021)	(0.010)	(0.066)	(0.010)	(0.007)	(0.017)
Chile	All	0.073	0.035	0.026	0.004	0.008	0.216	0.003	0.009	0.011
		(0.089)	(0.074)	(0.032)	(0.011)	(0.019)	(0.233)	(0.006)	(0.011)	(0.013)
Colombia	AFOLU+	0.104	0.057	0.040	0.004	0.003	0.084	0.003	0.003	0.005
		(0.163)	(0.160)	(0.062)	(0.007)	(0.003)	(0.099)	(0.005)	(0.005)	(0.007)
Colombia	Buildings	0.012	0.000	0.008	0.001	0.002	0.002	0.000	0.000	0.000
		(0.014)	(0.000)	(0.010)	(0.001)	(0.003)	(0.002)	(0.000)	(0.000)	(0.000)
Colombia	Energy	0.057	0.049	0.008	0.000	0.000	0.133	0.003	0.001	0.004
		(0.056)	(0.051)	(0.005)	(0.000)	(0.000)	(0.147)	(0.002)	(0.001)	(0.002)
Colombia	Industry	0.062	0.021	0.027	0.006	0.009	0.201	0.001	0.008	0.009
		(0.062)	(0.059)	(0.012)	(0.003)	(0.004)	(0.108)	(0.001)	(0.005)	(0.006)
Colombia	Materials	0.061	0.021	0.028	0.006	0.007	0.184	0.005	0.009	0.014
		(0.045)	(0.027)	(0.014)	(0.006)	(0.005)	(0.103)	(0.008)	(0.009)	(0.015)
Colombia	Services	0.012	0.000	0.010	0.001	0.001	0.015	0.000	0.000	0.000
		(0.014)	(0.000)	(0.013)	(0.000)	(0.000)	(0.013)	(0.000)	(0.000)	(0.000)
Colombia	Transport	0.124	0.079	0.022	0.013	0.010	0.117	0.010	0.006	0.015
		(0.048)	(0.019)	(0.010)	(0.009)	(0.010)	(0.083)	(0.007)	(0.005)	(0.011)
Colombia	All	0.068	0.034	0.026	0.004	0.004	0.109	0.002	0.004	0.006
		(0.106)	(0.099)	(0.039)	(0.006)	(0.005)	(0.113)	(0.005)	(0.006)	(0.009)
Costa Rica	AFOLU+	0.077	0.027	0.040	0.006	0.005	0.182	0.002	0.007	0.009
		(0.082)	(0.055)	(0.070)	(0.006)	(0.008)	(0.174)	(0.002)	(0.012)	(0.012)
Costa Rica	Buildings	0.005	0.000	0.003	0.001	0.001	0.010	0.000	0.000	0.000
		(0.007)	(0.000)	(0.003)	(0.002)	(0.002)	(0.017)	(0.000)	(0.000)	(0.000)
Costa Rica	Energy	0.141	0.054	0.016	0.066	0.005	0.300	0.012	0.021	0.033
		(0.197)	(0.065)	(0.007)	(0.125)	(0.004)	(0.379)	(0.015)	(0.029)	(0.044)
Costa Rica	Industry	0.045	0.013	0.009	0.013	0.010	0.505	0.004	0.020	0.024
		(0.029)	(0.025)	(0.006)	(0.009)	(0.009)	(0.302)	(0.009)	(0.020)	(0.024)
Costa Rica	Materials	0.109	0.022	0.019	0.036	0.033	0.542	0.015	0.055	0.071
		(0.139)	(0.035)	(0.012)	(0.041)	(0.053)	(0.281)	(0.030)	(0.094)	(0.124)
Costa Rica	Services	0.006	0.000	0.004	0.001	0.001	0.049	0.000	0.000	0.000
		(0.006)	(0.000)	(0.005)	(0.001)	(0.000)	(0.037)	(0.000)	(0.000)	(0.000)

Costa Rica	Transport	0.110	0.077	0.009	0.022	0.002	0.290	0.016	0.010	0.026
		(0.058)	(0.055)	(0.008)	(0.012)	(0.001)	(0.195)	(0.009)	(0.006)	(0.009)
Costa Rica	All	0.066	0.022	0.021	0.015	0.008	0.262	0.005	0.015	0.019
		(0.093)	(0.045)	(0.045)	(0.039)	(0.020)	(0.277)	(0.012)	(0.036)	(0.047)
Czech Republic	AFOLU+	0.142	0.074	0.048	0.015	0.004	0.161	0.009	0.007	0.016
		(0.182)	(0.178)	(0.048)	(0.015)	(0.004)	(0.200)	(0.025)	(0.009)	(0.028)
Czech Republic	Buildings	0.020	0.001	0.015	0.003	0.002	0.014	0.000	0.000	0.000
		(0.020)	(0.001)	(0.014)	(0.003)	(0.002)	(0.008)	(0.000)	(0.000)	(0.000)
Czech Republic	Energy	0.119	0.086	0.027	0.004	0.003	0.351	0.006	0.003	0.008
		(0.095)	(0.078)	(0.029)	(0.003)	(0.002)	(0.544)	(0.003)	(0.002)	(0.003)
Czech Republic	Industry	0.085	0.027	0.026	0.021	0.011	0.197	0.001	0.011	0.012
		(0.078)	(0.082)	(0.008)	(0.008)	(0.004)	(0.113)	(0.001)	(0.006)	(0.006)
Czech Republic	Materials	0.141	0.026	0.068	0.033	0.015	0.159	0.003	0.017	0.020
		(0.117)	(0.030)	(0.049)	(0.029)	(0.013)	(0.064)	(0.003)	(0.010)	(0.012)
Czech Republic	Services	0.018	0.001	0.013	0.002	0.001	0.041	0.000	0.001	0.001
		(0.011)	(0.001)	(0.009)	(0.001)	(0.001)	(0.028)	(0.000)	(0.001)	(0.001)
Czech Republic	Transport	0.480	0.303	0.129	0.036	0.013	0.216	0.075	0.044	0.118
		(0.493)	(0.349)	(0.097)	(0.037)	(0.011)	(0.128)	(0.092)	(0.041)	(0.132)
Czech Republic	All	0.124	0.057	0.043	0.017	0.007	0.157	0.008	0.009	0.018
		(0.182)	(0.148)	(0.048)	(0.019)	(0.008)	(0.184)	(0.028)	(0.014)	(0.039)
Denmark	AFOLU+	0.106	0.054	0.038	0.010	0.004	0.189	0.006	0.009	0.014
		(0.127)	(0.115)	(0.049)	(0.007)	(0.002)	(0.172)	(0.007)	(0.008)	(0.012)
Denmark	Buildings	0.010	0.000	0.005	0.003	0.002	0.034	0.000	0.001	0.001
		(0.012)	(0.001)	(0.005)	(0.004)	(0.002)	(0.045)	(0.000)	(0.001)	(0.001)
Denmark	Energy	0.172	0.087	0.054	0.017	0.014	0.250	0.015	0.027	0.043
		(0.252)	(0.092)	(0.104)	(0.036)	(0.030)	(0.377)	(0.027)	(0.049)	(0.074)
Denmark	Industry	0.037	0.004	0.012	0.013	0.009	0.228	0.000	0.010	0.010
		(0.019)	(0.008)	(0.003)	(0.008)	(0.008)	(0.183)	(0.000)	(0.012)	(0.012)
Denmark	Materials	0.039	0.007	0.011	0.014	0.006	0.145	0.001	0.005	0.006
		(0.028)	(0.011)	(0.007)	(0.012)	(0.007)	(0.082)	(0.001)	(0.006)	(0.006)
Denmark	Services	0.012	0.000	0.007	0.003	0.002	0.074	0.000	0.001	0.001
		(0.008)	(0.000)	(0.004)	(0.003)	(0.001)	(0.056)	(0.000)	(0.001)	(0.001)
Denmark	Transport	0.212	0.150	0.017	0.026	0.019	0.162	0.031	0.011	0.042
		(0.136)	(0.116)	(0.010)	(0.012)	(0.011)	(0.094)	(0.033)	(0.009)	(0.042)
Denmark	All	0.076	0.035	0.024	0.011	0.006	0.167	0.005	0.009	0.014
		(0.121)	(0.083)	(0.044)	(0.014)	(0.011)	(0.179)	(0.013)	(0.017)	(0.027)
Estonia	AFOLU+	0.235	0.142	0.064	0.015	0.014	0.258	0.031	0.024	0.055
		(0.222)	(0.223)	(0.051)	(0.015)	(0.008)	(0.249)	(0.037)	(0.026)	(0.054)
Estonia	Buildings	0.027	0.002	0.017	0.004	0.004	0.014	0.000	0.001	0.001
		(0.035)	(0.003)	(0.021)	(0.006)	(0.005)	(0.019)	(0.000)	(0.001)	(0.001)
Estonia	Energy	0.210	0.050	0.144	0.006	0.011	0.402	0.017	0.069	0.086
		(0.187)	(0.045)	(0.137)	(0.004)	(0.008)	(0.481)	(0.024)	(0.094)	(0.118)
Estonia	Industry	0.075	0.008	0.021	0.025	0.020	0.332	0.003	0.020	0.023
		(0.030)	(0.004)	(0.009)	(0.015)	(0.011)	(0.185)	(0.002)	(0.009)	(0.011)
Estonia	Materials	0.119	0.014	0.036	0.029	0.039	0.315	0.004	0.042	0.046
		(0.062)	(0.009)	(0.024)	(0.016)	(0.039)	(0.185)	(0.003)	(0.054)	(0.057)
Estonia	Services	0.016	0.001	0.012	0.002	0.002	0.082	0.000	0.001	0.001
		(0.007)	(0.000)	(0.005)	(0.001)	(0.001)	(0.059)	(0.000)	(0.001)	(0.001)
Estonia	All	0.153	0.068	0.052	0.016	0.017	0.266	0.016	0.027	0.042
		(0.174)	(0.156)	(0.063)	(0.016)	(0.019)	(0.250)	(0.028)	(0.041)	(0.057)
Finland	AFOLU+	0.091	0.043	0.038	0.006	0.004	0.212	0.009	0.007	0.016
		(0.055)	(0.051)	(0.044)	(0.006)	(0.003)	(0.220)	(0.014)	(0.009)	(0.018)
Finland	Buildings	0.013	0.001	0.009	0.001	0.001	0.008	0.000	0.000	0.000
		(0.013)	(0.002)	(0.008)	(0.002)	(0.002)	(0.008)	(0.000)	(0.000)	(0.000)
Finland	Energy	0.288	0.136	0.064	0.017	0.072	0.636	0.043	0.036	0.079
		(0.514)	(0.206)	(0.116)	(0.033)	(0.161)	(0.442)	(0.033)	(0.043)	(0.071)
Finland	Industry	0.050	0.018	0.017	0.008	0.007	0.293	0.001	0.009	0.010
		(0.056)	(0.052)	(0.008)	(0.004)	(0.004)	(0.201)	(0.002)	(0.006)	(0.007)
Finland	Materials	0.081	0.015	0.039	0.012	0.014	0.191	0.003	0.012	0.015
		(0.055)	(0.014)	(0.023)	(0.012)	(0.012)	(0.103)	(0.004)	(0.008)	(0.012)
Finland	Services	0.016	0.000	0.012	0.002	0.001	0.055	0.000	0.001	0.001
		(0.007)	(0.000)	(0.005)	(0.002)	(0.001)	(0.043)	(0.000)	(0.001)	(0.001)
Finland	Transport	0.258	0.163	0.074	0.010	0.011	0.138	0.028	0.016	0.044
		(0.226)	(0.161)	(0.058)	(0.007)	(0.008)	(0.065)	(0.035)	(0.016)	(0.050)
Finland	All	0.094	0.041	0.033	0.007	0.012	0.226	0.009	0.010	0.019
		(0.176)	(0.087)	(0.047)	(0.012)	(0.050)	(0.254)	(0.019)	(0.017)	(0.033)
France	AFOLU+	0.103	0.058	0.033	0.007	0.004	0.185	0.007	0.006	0.013
		(0.094)	(0.096)	(0.042)	(0.005)	(0.006)	(0.197)	(0.014)	(0.008)	(0.015)
France	Buildings	0.008	0.000	0.005	0.002	0.001	0.006	0.000	0.000	0.000
		(0.010)	(0.000)	(0.006)	(0.002)	(0.001)	(0.005)	(0.000)	(0.000)	(0.000)
France	Energy	0.813	0.294	0.084	0.066	0.369	0.653	0.154	0.148	0.302
		(1.452)	(0.396)	(0.158)	(0.130)	(0.860)	(0.422)	(0.230)	(0.276)	(0.412)
France	Industry	0.044	0.007	0.016	0.013	0.009	0.253	0.001	0.011	0.012
		(0.019)	(0.011)	(0.008)	(0.007)	(0.007)	(0.172)	(0.003)	(0.010)	(0.011)
France	Materials	0.068	0.018	0.025	0.017	0.008	0.140	0.002	0.007	0.009
		(0.055)	(0.019)	(0.018)	(0.014)	(0.007)	(0.078)	(0.002)	(0.005)	(0.007)
France	Services	0.010	0.001	0.006	0.001	0.001	0.027	0.000	0.000	0.000
		(0.006)	(0.001)	(0.004)	(0.001)	(0.000)	(0.023)	(0.000)	(0.000)	(0.000)
France	Transport	0.285	0.177	0.040	0.043	0.025	0.177	0.038	0.022	0.061
		(0.174)	(0.149)	(0.019)	(0.040)	(0.021)	(0.091)	(0.042)	(0.018)	(0.053)

France	All	0.143	0.059	0.028	0.015	0.040	0.199	0.019	0.020	0.039
		(0.471)	(0.154)	(0.056)	(0.042)	(0.265)	(0.246)	(0.079)	(0.089)	(0.145)
Germany	AFOLU+	0.098	0.037	0.042	0.013	0.006	0.219	0.005	0.009	0.015
		(0.098)	(0.069)	(0.072)	(0.023)	(0.009)	(0.207)	(0.006)	(0.013)	(0.014)
Germany	Buildings	0.007	0.000	0.005	0.001	0.001	0.013	0.000	0.000	0.000
		(0.009)	(0.000)	(0.005)	(0.002)	(0.001)	(0.013)	(0.000)	(0.000)	(0.000)
Germany	Energy	0.220	0.089	0.045	0.027	0.058	0.333	0.008	0.016	0.024
		(0.348)	(0.114)	(0.072)	(0.059)	(0.138)	(0.338)	(0.008)	(0.028)	(0.035)
Germany	Industry	0.040	0.005	0.018	0.010	0.007	0.250	0.001	0.010	0.010
		(0.011)	(0.009)	(0.004)	(0.005)	(0.005)	(0.166)	(0.001)	(0.008)	(0.009)
Germany	Materials	0.072	0.011	0.036	0.016	0.008	0.155	0.001	0.009	0.010
		(0.051)	(0.009)	(0.024)	(0.015)	(0.009)	(0.088)	(0.001)	(0.008)	(0.009)
Germany	Services	0.010	0.001	0.007	0.001	0.001	0.029	0.000	0.000	0.000
		(0.005)	(0.001)	(0.004)	(0.001)	(0.000)	(0.018)	(0.000)	(0.000)	(0.000)
Germany	Transport	0.239	0.143	0.041	0.034	0.021	0.138	0.029	0.015	0.044
		(0.209)	(0.177)	(0.030)	(0.036)	(0.020)	(0.077)	(0.043)	(0.012)	(0.054)
Germany	All	0.083	0.030	0.030	0.013	0.011	0.181	0.004	0.008	0.012
		(0.138)	(0.070)	(0.050)	(0.024)	(0.043)	(0.195)	(0.011)	(0.013)	(0.019)
Greece	AFOLU+	0.101	0.032	0.056	0.006	0.007	0.187	0.003	0.010	0.013
		(0.100)	(0.071)	(0.074)	(0.007)	(0.008)	(0.177)	(0.003)	(0.012)	(0.012)
Greece	Buildings	0.021	0.002	0.015	0.001	0.002	0.013	0.000	0.000	0.000
		(0.023)	(0.002)	(0.017)	(0.002)	(0.002)	(0.006)	(0.000)	(0.000)	(0.000)
Greece	Energy	0.735	0.280	0.147	0.033	0.275	0.188	0.061	0.171	0.232
		(0.702)	(0.154)	(0.134)	(0.049)	(0.455)	(0.202)	(0.070)	(0.285)	(0.353)
Greece	Industry	0.070	0.019	0.031	0.010	0.011	0.307	0.003	0.015	0.018
		(0.053)	(0.039)	(0.011)	(0.005)	(0.005)	(0.168)	(0.006)	(0.009)	(0.013)
Greece	Materials	0.122	0.020	0.067	0.014	0.021	0.266	0.007	0.032	0.039
		(0.113)	(0.021)	(0.071)	(0.011)	(0.021)	(0.092)	(0.008)	(0.038)	(0.044)
Greece	Services	0.017	0.001	0.012	0.002	0.002	0.048	0.000	0.001	0.001
		(0.014)	(0.001)	(0.008)	(0.003)	(0.002)	(0.049)	(0.000)	(0.001)	(0.002)
Greece	All	0.112	0.034	0.047	0.008	0.023	0.185	0.006	0.020	0.026
		(0.217)	(0.083)	(0.066)	(0.013)	(0.106)	(0.170)	(0.019)	(0.067)	(0.086)
Hungary	AFOLU+	0.130	0.051	0.052	0.017	0.010	0.201	0.012	0.016	0.027
		(0.106)	(0.090)	(0.045)	(0.029)	(0.014)	(0.114)	(0.027)	(0.016)	(0.031)
Hungary	Buildings	0.016	0.002	0.009	0.003	0.002	0.021	0.000	0.000	0.000
		(0.020)	(0.002)	(0.010)	(0.005)	(0.003)	(0.018)	(0.000)	(0.001)	(0.001)
Hungary	Energy	0.195	0.079	0.052	0.014	0.049	0.420	0.020	0.026	0.046
		(0.280)	(0.089)	(0.069)	(0.027)	(0.109)	(0.411)	(0.016)	(0.036)	(0.049)
Hungary	Industry	0.081	0.021	0.015	0.027	0.017	0.237	0.001	0.016	0.018
		(0.061)	(0.058)	(0.007)	(0.017)	(0.014)	(0.126)	(0.003)	(0.015)	(0.018)
Hungary	Materials	0.112	0.024	0.041	0.027	0.020	0.264	0.006	0.023	0.029
		(0.092)	(0.027)	(0.028)	(0.023)	(0.022)	(0.117)	(0.008)	(0.020)	(0.027)
Hungary	Services	0.015	0.002	0.009	0.002	0.002	0.063	0.000	0.001	0.001
		(0.005)	(0.001)	(0.003)	(0.001)	(0.001)	(0.050)	(0.000)	(0.001)	(0.001)
Hungary	Transport	0.571	0.384	0.091	0.048	0.048	0.246	0.119	0.057	0.176
		(0.580)	(0.409)	(0.073)	(0.049)	(0.050)	(0.123)	(0.144)	(0.062)	(0.206)
Hungary	All	0.123	0.051	0.037	0.018	0.016	0.208	0.013	0.016	0.029
		(0.190)	(0.125)	(0.043)	(0.025)	(0.038)	(0.183)	(0.040)	(0.024)	(0.058)
Ireland	AFOLU+	0.139	0.084	0.034	0.015	0.007	0.271	0.012	0.012	0.025
		(0.182)	(0.173)	(0.043)	(0.013)	(0.005)	(0.256)	(0.021)	(0.012)	(0.029)
Ireland	Buildings	0.019	0.000	0.010	0.006	0.004	0.048	0.000	0.000	0.000
		(0.020)	(0.000)	(0.009)	(0.006)	(0.004)	(0.064)	(0.000)	(0.000)	(0.000)
Ireland	Energy	0.232	0.150	0.017	0.029	0.037	0.467	0.030	0.013	0.043
		(0.414)	(0.252)	(0.018)	(0.062)	(0.084)	(0.430)	(0.027)	(0.017)	(0.043)
Ireland	Industry	0.035	0.003	0.010	0.013	0.009	0.247	0.001	0.008	0.009
		(0.016)	(0.004)	(0.006)	(0.006)	(0.006)	(0.161)	(0.000)	(0.006)	(0.006)
Ireland	Materials	0.048	0.011	0.021	0.009	0.007	0.108	0.001	0.004	0.005
		(0.054)	(0.023)	(0.024)	(0.007)	(0.005)	(0.046)	(0.001)	(0.004)	(0.005)
Ireland	Services	0.012	0.000	0.007	0.003	0.002	0.153	0.000	0.002	0.002
		(0.008)	(0.000)	(0.005)	(0.003)	(0.001)	(0.119)	(0.000)	(0.002)	(0.002)
Ireland	Transport	0.232	0.158	0.034	0.033	0.009	0.204	0.033	0.016	0.048
		(0.089)	(0.053)	(0.014)	(0.022)	(0.007)	(0.015)	(0.013)	(0.009)	(0.021)
Ireland	All	0.095	0.052	0.020	0.014	0.009	0.234	0.009	0.008	0.017
		(0.178)	(0.134)	(0.028)	(0.022)	(0.027)	(0.232)	(0.018)	(0.010)	(0.026)
Israel	AFOLU+	0.072	0.010	0.042	0.009	0.011	0.253	0.002	0.015	0.017
		(0.051)	(0.016)	(0.030)	(0.020)	(0.014)	(0.269)	(0.005)	(0.018)	(0.020)
Israel	Buildings	0.009	0.000	0.006	0.001	0.001	0.013	0.000	0.000	0.000
		(0.008)	(0.000)	(0.005)	(0.002)	(0.002)	(0.013)	(0.000)	(0.000)	(0.000)
Israel	Energy	0.492	0.207	0.085	0.016	0.184	0.392	0.038	0.080	0.118
		(0.859)	(0.307)	(0.164)	(0.029)	(0.435)	(0.475)	(0.066)	(0.179)	(0.243)
Israel	Industry	0.034	0.007	0.018	0.004	0.005	0.295	0.001	0.007	0.008
		(0.021)	(0.013)	(0.010)	(0.002)	(0.003)	(0.225)	(0.001)	(0.005)	(0.006)
Israel	Materials	0.069	0.010	0.041	0.008	0.011	0.270	0.003	0.020	0.023
		(0.051)	(0.011)	(0.033)	(0.006)	(0.008)	(0.226)	(0.003)	(0.022)	(0.023)
Israel	Services	0.013	0.000	0.011	0.001	0.001	0.040	0.000	0.000	0.000
		(0.007)	(0.000)	(0.006)	(0.001)	(0.001)	(0.038)	(0.000)	(0.000)	(0.000)
Israel	Transport	0.287	0.186	0.077	0.013	0.012	0.139	0.036	0.020	0.056
		(0.305)	(0.199)	(0.077)	(0.015)	(0.014)	(0.104)	(0.047)	(0.025)	(0.072)
Israel	All	0.101	0.033	0.036	0.007	0.025	0.225	0.006	0.018	0.024
		(0.291)	(0.115)	(0.058)	(0.015)	(0.138)	(0.265)	(0.024)	(0.058)	(0.080)

Italy	AFOLU+	0.112	0.049	0.047	0.010	0.006	0.186	0.003	0.007	0.011
		(0.116)	(0.103)	(0.062)	(0.019)	(0.011)	(0.213)	(0.004)	(0.013)	(0.014)
Italy	Buildings	0.008	0.000	0.007	0.000	0.000	0.005	0.000	0.000	0.000
		(0.011)	(0.000)	(0.009)	(0.001)	(0.001)	(0.004)	(0.000)	(0.000)	(0.000)
Italy	Energy	0.509	0.197	0.097	0.015	0.201	0.529	0.107	0.078	0.185
		(0.819)	(0.216)	(0.192)	(0.027)	(0.480)	(0.477)	(0.209)	(0.164)	(0.274)
Italy	Industry	0.042	0.006	0.023	0.006	0.007	0.196	0.001	0.007	0.008
		(0.010)	(0.012)	(0.006)	(0.002)	(0.004)	(0.100)	(0.002)	(0.004)	(0.004)
Italy	Materials	0.087	0.011	0.037	0.019	0.020	0.159	0.002	0.014	0.016
		(0.063)	(0.012)	(0.020)	(0.016)	(0.022)	(0.076)	(0.002)	(0.014)	(0.016)
Italy	Services	0.009	0.001	0.007	0.001	0.001	0.022	0.000	0.000	0.000
		(0.005)	(0.001)	(0.004)	(0.000)	(0.000)	(0.016)	(0.000)	(0.000)	(0.000)
Italy	Transport	0.349	0.243	0.070	0.010	0.026	0.133	0.047	0.020	0.067
		(0.351)	(0.254)	(0.058)	(0.010)	(0.029)	(0.092)	(0.063)	(0.025)	(0.088)
Italy	All	0.123	0.049	0.039	0.009	0.025	0.178	0.014	0.014	0.027
		(0.286)	(0.119)	(0.071)	(0.016)	(0.146)	(0.231)	(0.067)	(0.052)	(0.094)
Japan	AFOLU+	0.082	0.020	0.053	0.006	0.004	0.213	0.001	0.008	0.009
		(0.100)	(0.052)	(0.078)	(0.006)	(0.003)	(0.276)	(0.002)	(0.009)	(0.010)
Japan	Buildings	0.011	0.001	0.009	0.000	0.001	0.005	0.000	0.000	0.000
		(0.013)	(0.001)	(0.010)	(0.001)	(0.002)	(0.006)	(0.000)	(0.000)	(0.000)
Japan	Energy	0.266	0.125	0.058	0.019	0.063	0.450	0.005	0.016	0.021
		(0.354)	(0.187)	(0.091)	(0.030)	(0.124)	(0.503)	(0.009)	(0.026)	(0.035)
Japan	Industry	0.048	0.005	0.034	0.003	0.007	0.269	0.002	0.012	0.013
		(0.015)	(0.006)	(0.013)	(0.002)	(0.004)	(0.211)	(0.003)	(0.009)	(0.011)
Japan	Materials	0.091	0.020	0.058	0.005	0.008	0.208	0.005	0.015	0.020
		(0.056)	(0.020)	(0.035)	(0.004)	(0.007)	(0.179)	(0.006)	(0.013)	(0.019)
Japan	Services	0.011	0.001	0.009	0.001	0.001	0.017	0.000	0.000	0.000
		(0.006)	(0.001)	(0.005)	(0.001)	(0.000)	(0.016)	(0.000)	(0.000)	(0.000)
Japan	Transport	0.131	0.051	0.063	0.010	0.008	0.095	0.006	0.007	0.013
		(0.082)	(0.024)	(0.063)	(0.012)	(0.007)	(0.094)	(0.008)	(0.006)	(0.012)
Japan	All	0.080	0.024	0.042	0.005	0.009	0.189	0.002	0.008	0.010
		(0.129)	(0.066)	(0.059)	(0.010)	(0.036)	(0.261)	(0.004)	(0.012)	(0.015)
Korea	AFOLU+	0.106	0.018	0.064	0.009	0.016	0.258	0.003	0.028	0.031
		(0.068)	(0.020)	(0.042)	(0.015)	(0.034)	(0.282)	(0.005)	(0.047)	(0.051)
Korea	Buildings	0.018	0.001	0.016	0.000	0.001	0.014	0.000	0.000	0.000
		(0.022)	(0.001)	(0.020)	(0.001)	(0.002)	(0.017)	(0.000)	(0.001)	(0.001)
Korea	Energy	0.352	0.216	0.061	0.010	0.065	0.575	0.107	0.038	0.145
		(0.283)	(0.176)	(0.096)	(0.017)	(0.131)	(0.463)	(0.173)	(0.054)	(0.182)
Korea	Industry	0.065	0.008	0.043	0.007	0.008	0.267	0.001	0.018	0.019
		(0.022)	(0.015)	(0.013)	(0.010)	(0.007)	(0.205)	(0.001)	(0.018)	(0.018)
Korea	Materials	0.126	0.014	0.086	0.009	0.017	0.253	0.003	0.028	0.031
		(0.087)	(0.016)	(0.061)	(0.009)	(0.016)	(0.160)	(0.003)	(0.025)	(0.027)
Korea	Services	0.018	0.001	0.016	0.001	0.001	0.035	0.000	0.001	0.001
		(0.009)	(0.001)	(0.008)	(0.001)	(0.001)	(0.031)	(0.000)	(0.001)	(0.001)
Korea	Transport	0.243	0.113	0.034	0.054	0.041	0.121	0.015	0.016	0.031
		(0.206)	(0.062)	(0.009)	(0.088)	(0.061)	(0.039)	(0.010)	(0.019)	(0.025)
Korea	All	0.114	0.037	0.051	0.009	0.018	0.230	0.013	0.021	0.034
		(0.142)	(0.085)	(0.049)	(0.023)	(0.049)	(0.276)	(0.060)	(0.035)	(0.074)
Latvia	AFOLU+	0.165	0.092	0.050	0.014	0.009	0.246	0.019	0.015	0.034
		(0.192)	(0.173)	(0.054)	(0.014)	(0.010)	(0.276)	(0.029)	(0.019)	(0.043)
Latvia	Buildings	0.004 (	0.000 (	0.003 (	0.000 (	0.000 (	0.000 (	0.000 (	0.000 (	0.000 (
		NA)	NA)	NA)	NA)	NA)	NA)	NA)	NA)	NA)
Latvia	Energy	0.635	0.595	0.021	0.009	0.010	0.533	0.538	0.018	0.556
		(0.685)	(0.694)	(0.013)	(0.011)	(0.011)	(0.637)	(0.749)	(0.020)	(0.769)
Latvia	Industry	0.081	0.026	0.028	0.014	0.013	0.306	0.003	0.018	0.021
		(0.047)	(0.049)	(0.009)	(0.007)	(0.007)	(0.233)	(0.007)	(0.016)	(0.018)
Latvia	Materials	0.091	0.008	0.045	0.017	0.022	0.304	0.002	0.025	0.027
		(0.041)	(0.015)	(0.025)	(0.006)	(0.013)	(0.180)	(0.003)	(0.019)	(0.020)
Latvia	Services	0.021	0.001	0.018	0.002	0.001	0.036	0.000	0.001	0.001
		(0.012)	(0.000)	(0.010)	(0.002)	(0.001)	(0.029)	(0.000)	(0.001)	(0.001)
Latvia	Transport	0.331	0.208	0.026	0.058	0.040	0.195	0.048	0.028	0.076
		(0.385)	(0.264)	(0.004)	(0.074)	(0.051)	(0.057)	(0.063)	(0.031)	(0.094)
Latvia	All	0.140	0.077	0.037	0.014	0.012	0.241	0.032	0.016	0.048
		(0.209)	(0.195)	(0.039)	(0.018)	(0.014)	(0.255)	(0.151)	(0.018)	(0.156)
Lithuania	AFOLU+	0.162	0.085	0.051	0.012	0.013	0.271	0.016	0.020	0.035
		(0.163)	(0.156)	(0.061)	(0.008)	(0.010)	(0.254)	(0.028)	(0.021)	(0.041)
Lithuania	Buildings	0.012	0.000	0.006	0.002	0.003	0.011	0.000	0.000	0.000
		(0.012)	(0.001)	(0.007)	(0.003)	(0.003)	(0.011)	(0.000)	(0.000)	(0.000)
Lithuania	Energy	0.992	0.244	0.280	0.027	0.441	0.580	0.057	0.121	0.178
		(1.796)	(0.372)	(0.525)	(0.043)	(0.858)	(0.445)	(0.051)	(0.189)	(0.230)
Lithuania	Industry	0.071	0.033	0.017	0.011	0.010	0.368	0.002	0.014	0.016
		(0.091)	(0.090)	(0.008)	(0.006)	(0.005)	(0.170)	(0.005)	(0.009)	(0.010)
Lithuania	Materials	0.093	0.015	0.033	0.017	0.028	0.340	0.005	0.028	0.033
		(0.076)	(0.033)	(0.022)	(0.010)	(0.021)	(0.137)	(0.010)	(0.020)	(0.026)
Lithuania	Services	0.015	0.001	0.010	0.002	0.002	0.046	0.000	0.001	0.001
		(0.004)	(0.001)	(0.005)	(0.001)	(0.001)	(0.026)	(0.000)	(0.001)	(0.001)
Lithuania	Transport	0.232	0.145	0.020	0.015	0.051	0.181	0.046	0.027	0.073
		(0.307)	(0.197)	(0.014)	(0.021)	(0.078)	(0.151)	(0.075)	(0.042)	(0.117)
Lithuania	All	0.163	0.063	0.047	0.011	0.042	0.257	0.013	0.022	0.035
		(0.479)	(0.150)	(0.139)	(0.014)	(0.220)	(0.249)	(0.029)	(0.053)	(0.075)

Luxembourg	AFOLU+	0.099	0.041	0.023	0.025	0.009	0.221	0.007	0.017	0.024
		(0.071)	(0.066)	(0.027)	(0.021)	(0.010)	(0.263)	(0.011)	(0.030)	(0.037)
Luxembourg	Buildings	0.014	0.000	0.007	0.004	0.002	0.032	0.000	0.000	0.000
		(0.011)	(0.000)	(0.006)	(0.003)	(0.002)	(0.011)	(0.000)	(0.000)	(0.000)
Luxembourg	Energy	0.963	0.828	0.042	0.057	0.036	0.749	0.656	0.070	0.726
		(0.979)	(0.989)	(0.027)	(0.045)	(0.036)	(0.431)	(0.953)	(0.051)	(0.965)
Luxembourg	Industry	0.046	0.002	0.019	0.019	0.006	0.143	0.000	0.009	0.010
		(0.027)	(0.003)	(0.009)	(0.013)	(0.004)	(0.160)	(0.001)	(0.017)	(0.018)
Luxembourg	Materials	0.064	0.005	0.024	0.029	0.007	0.078	0.000	0.004	0.005
		(0.033)	(0.006)	(0.012)	(0.017)	(0.004)	(0.075)	(0.000)	(0.003)	(0.003)
Luxembourg	Services	0.015	0.000	0.008	0.005	0.002	0.131	0.000	0.003	0.003
		(0.009)	(0.000)	(0.006)	(0.002)	(0.001)	(0.097)	(0.000)	(0.003)	(0.003)
Luxembourg	Transport	0.328	0.211	0.019	0.083	0.015	0.210	0.052	0.026	0.078
		(0.276)	(0.242)	(0.002)	(0.041)	(0.008)	(0.067)	(0.065)	(0.015)	(0.080)
Luxembourg	All	0.137	0.082	0.021	0.025	0.009	0.203	0.051	0.015	0.066
		(0.333)	(0.315)	(0.020)	(0.025)	(0.014)	(0.261)	(0.277)	(0.028)	(0.290)
Mexico	AFOLU+	0.125	0.067	0.046	0.010	0.001	0.107	0.004	0.004	0.008
		(0.206)	(0.186)	(0.091)	(0.022)	(0.002)	(0.181)	(0.010)	(0.006)	(0.015)
Mexico	Buildings	0.011	0.000	0.008	0.001	0.001	0.002	0.000	0.000	0.000
		(0.015)	(0.000)	(0.011)	(0.002)	(0.001)	(0.002)	(0.000)	(0.000)	(0.000)
Mexico	Energy	0.381	0.254	0.104	0.019	0.003	0.025	0.005	0.003	0.008
		(0.384)	(0.269)	(0.121)	(0.021)	(0.003)	(0.021)	(0.005)	(0.005)	(0.010)
Mexico	Industry	0.050	0.006	0.028	0.009	0.007	0.195	0.002	0.009	0.011
		(0.021)	(0.013)	(0.016)	(0.003)	(0.003)	(0.083)	(0.005)	(0.005)	(0.008)
Mexico	Materials	0.078	0.019	0.048	0.008	0.003	0.113	0.002	0.006	0.008
		(0.032)	(0.015)	(0.018)	(0.004)	(0.002)	(0.032)	(0.001)	(0.003)	(0.003)
Mexico	Services	0.008	0.000	0.006	0.001	0.001	0.018	0.000	0.000	0.000
		(0.003)	(0.000)	(0.002)	(0.000)	(0.000)	(0.026)	(0.000)	(0.000)	(0.000)
Mexico	Transport	0.153	0.096	0.041	0.012	0.004	0.099	0.014	0.008	0.022
		(0.149)	(0.098)	(0.035)	(0.013)	(0.004)	(0.075)	(0.020)	(0.011)	(0.032)
Mexico	All	0.098	0.050	0.038	0.008	0.003	0.095	0.003	0.004	0.007
		(0.178)	(0.143)	(0.066)	(0.015)	(0.003)	(0.129)	(0.008)	(0.006)	(0.012)
Netherlands	AFOLU+	0.122	0.048	0.048	0.017	0.009	0.242	0.010	0.017	0.027
		(0.107)	(0.080)	(0.052)	(0.020)	(0.016)	(0.186)	(0.019)	(0.021)	(0.035)
Netherlands	Buildings	0.016	0.001	0.011	0.002	0.002	0.014	0.000	0.000	0.000
		(0.017)	(0.001)	(0.010)	(0.003)	(0.002)	(0.002)	(0.000)	(0.000)	(0.000)
Netherlands	Energy	0.582	0.297	0.111	0.050	0.125	0.413	0.196	0.068	0.264
		(0.869)	(0.425)	(0.247)	(0.116)	(0.300)	(0.442)	(0.425)	(0.150)	(0.449)
Netherlands	Industry	0.043	0.004	0.019	0.011	0.010	0.197	0.000	0.009	0.009
		(0.013)	(0.008)	(0.006)	(0.004)	(0.007)	(0.122)	(0.001)	(0.007)	(0.008)
Netherlands	Materials	0.065	0.011	0.033	0.014	0.007	0.130	0.001	0.007	0.009
		(0.052)	(0.014)	(0.025)	(0.010)	(0.006)	(0.079)	(0.002)	(0.008)	(0.009)
Netherlands	Services	0.011	0.001	0.008	0.002	0.001	0.040	0.000	0.000	0.001
		(0.007)	(0.001)	(0.005)	(0.002)	(0.001)	(0.030)	(0.000)	(0.001)	(0.001)
Netherlands	Transport	0.249	0.168	0.026	0.033	0.021	0.102	0.023	0.009	0.032
		(0.214)	(0.172)	(0.007)	(0.024)	(0.017)	(0.047)	(0.030)	(0.009)	(0.039)
Netherlands	All	0.128	0.055	0.038	0.016	0.019	0.187	0.023	0.015	0.039
		(0.303)	(0.159)	(0.082)	(0.038)	(0.093)	(0.206)	(0.134)	(0.048)	(0.149)
New Zealand	AFOLU+	0.120	0.057	0.057	0.003	0.003	0.259	0.006	0.022	0.029
		(0.129)	(0.102)	(0.077)	(0.002)	(0.004)	(0.211)	(0.006)	(0.044)	(0.046)
New Zealand	Buildings	0.010	0.001	0.008	0.001	0.001	0.004	0.000	0.000	0.000
		(0.012)	(0.001)	(0.009)	(0.001)	(0.002)	(0.006)	(0.000)	(0.000)	(0.000)
New Zealand	Energy	0.208	0.101	0.049	0.010	0.048	0.225	0.021	0.021	0.042
		(0.403)	(0.169)	(0.096)	(0.022)	(0.116)	(0.289)	(0.033)	(0.043)	(0.075)
New Zealand	Industry	0.038	0.013	0.016	0.004	0.005	0.322	0.002	0.009	0.011
		(0.029)	(0.028)	(0.009)	(0.001)	(0.002)	(0.212)	(0.004)	(0.009)	(0.010)
New Zealand	Materials	0.053	0.016	0.029	0.004	0.004	0.197	0.003	0.008	0.011
		(0.027)	(0.009)	(0.018)	(0.003)	(0.003)	(0.066)	(0.003)	(0.006)	(0.009)
New Zealand	Services	0.009	0.000	0.007	0.001	0.001	0.027	0.000	0.000	0.000
		(0.004)	(0.000)	(0.003)	(0.000)	(0.000)	(0.022)	(0.000)	(0.000)	(0.000)
New Zealand	Transport	0.212	0.163	0.031	0.013	0.005	0.151	0.026	0.008	0.034
		(0.263)	(0.209)	(0.031)	(0.016)	(0.006)	(0.053)	(0.036)	(0.009)	(0.045)
New Zealand	All	0.085	0.040	0.033	0.004	0.008	0.200	0.006	0.012	0.018
		(0.160)	(0.095)	(0.056)	(0.008)	(0.036)	(0.200)	(0.014)	(0.029)	(0.038)
Norway	AFOLU+	0.052	0.013	0.026	0.009	0.004	0.215	0.002	0.010	0.012
		(0.059)	(0.017)	(0.053)	(0.016)	(0.008)	(0.258)	(0.005)	(0.026)	(0.027)
Norway	Buildings	0.008	0.000	0.006	0.001	0.001	0.008	0.000	0.000	0.000
		(0.009)	(0.000)	(0.006)	(0.002)	(0.001)	(0.011)	(0.000)	(0.000)	(0.000)
Norway	Energy	0.145	0.098	0.030	0.005	0.012	0.063	0.012	0.005	0.017
		(0.195)	(0.155)	(0.054)	(0.007)	(0.021)	(0.055)	(0.022)	(0.009)	(0.026)
Norway	Industry	0.024	0.002	0.012	0.007	0.003	0.238	0.000	0.005	0.005
		(0.006)	(0.003)	(0.003)	(0.002)	(0.001)	(0.217)	(0.000)	(0.005)	(0.005)
Norway	Materials	0.086	0.020	0.023	0.020	0.023	0.121	0.003	0.011	0.014
		(0.069)	(0.021)	(0.010)	(0.020)	(0.021)	(0.080)	(0.005)	(0.013)	(0.018)
Norway	Services	0.008	0.000	0.005	0.002	0.001	0.040	0.000	0.000	0.000
		(0.006)	(0.000)	(0.004)	(0.002)	(0.001)	(0.033)	(0.000)	(0.001)	(0.001)
Norway	Transport	0.156	0.103	0.019	0.024	0.010	0.126	0.013	0.007	0.020
		(0.145)	(0.102)	(0.004)	(0.029)	(0.011)	(0.048)	(0.012)	(0.005)	(0.018)
Norway	All	0.055	0.022	0.018	0.009	0.007	0.148	0.003	0.006	0.009
		(0.086)	(0.059)	(0.035)	(0.014)	(0.013)	(0.193)	(0.008)	(0.016)	(0.019)

Poland	AFOLU+	0.125	0.063	0.048	0.007	0.007	0.162	0.015	0.013	0.029
		(0.092)	(0.070)	(0.034)	(0.009)	(0.017)	(0.163)	(0.036)	(0.023)	(0.056)
Poland	Buildings	0.017	0.000	0.015	0.002	0.001	0.006	0.000	0.000	0.000
		(0.020)	(0.000)	(0.017)	(0.002)	(0.001)	(0.008)	(0.000)	(0.000)	(0.000)
Poland	Energy	0.409	0.244	0.089	0.007	0.070	0.457	0.040	0.028	0.068
		(0.519)	(0.270)	(0.120)	(0.009)	(0.142)	(0.442)	(0.028)	(0.023)	(0.049)
Poland	Industry	0.076	0.013	0.039	0.014	0.010	0.213	0.001	0.013	0.013
		(0.039)	(0.034)	(0.014)	(0.008)	(0.005)	(0.135)	(0.001)	(0.008)	(0.008)
Poland	Materials	0.117	0.019	0.070	0.015	0.013	0.159	0.003	0.016	0.019
		(0.081)	(0.020)	(0.048)	(0.010)	(0.010)	(0.050)	(0.004)	(0.012)	(0.015)
Poland	Services	0.018	0.001	0.015	0.001	0.001	0.021	0.000	0.000	0.000
		(0.008)	(0.001)	(0.006)	(0.001)	(0.001)	(0.016)	(0.000)	(0.000)	(0.000)
Poland	Transport	0.102	0.043	0.046	0.007	0.006	0.121	0.005	0.007	0.011
		(0.021)	(0.020)	(0.010)	(0.003)	(0.002)	(0.094)	(0.004)	(0.004)	(0.007)
Poland	All	0.125	0.055	0.048	0.008	0.014	0.175	0.010	0.012	0.023
		(0.195)	(0.114)	(0.049)	(0.009)	(0.047)	(0.207)	(0.026)	(0.018)	(0.041)
Portugal	AFOLU+	0.135	0.062	0.050	0.014	0.009	0.196	0.011	0.018	0.029
		(0.110)	(0.102)	(0.057)	(0.015)	(0.020)	(0.253)	(0.026)	(0.033)	(0.057)
Portugal	Buildings	0.019	0.001	0.014	0.003	0.001	0.015	0.000	0.000	0.000
		(0.022)	(0.001)	(0.016)	(0.003)	(0.001)	(0.002)	(0.000)	(0.000)	(0.000)
Portugal	Energy	0.415	0.107	0.107	0.015	0.185	0.611	0.022	0.059	0.081
		(0.773)	(0.151)	(0.201)	(0.024)	(0.402)	(0.481)	(0.021)	(0.085)	(0.104)
Portugal	Industry	0.060	0.017	0.029	0.010	0.004	0.139	0.000	0.006	0.007
		(0.047)	(0.048)	(0.010)	(0.006)	(0.001)	(0.069)	(0.000)	(0.004)	(0.004)
Portugal	Materials	0.099	0.012	0.062	0.018	0.008	0.146	0.002	0.014	0.016
		(0.071)	(0.015)	(0.049)	(0.014)	(0.007)	(0.053)	(0.002)	(0.016)	(0.017)
Portugal	Services	0.011	0.001	0.009	0.001	0.001	0.037	0.000	0.000	0.000
		(0.007)	(0.001)	(0.005)	(0.001)	(0.000)	(0.023)	(0.000)	(0.000)	(0.001)
Portugal	Transport	0.317	0.207	0.082	0.016	0.012	0.170	0.048	0.023	0.071
		(0.292)	(0.228)	(0.056)	(0.008)	(0.006)	(0.095)	(0.068)	(0.024)	(0.091)
Portugal	All	0.124	0.046	0.046	0.012	0.021	0.178	0.008	0.015	0.024
		(0.245)	(0.099)	(0.071)	(0.013)	(0.116)	(0.245)	(0.023)	(0.034)	(0.052)
Slovakia	AFOLU+	0.096	0.047	0.030	0.015	0.004	0.104	0.005	0.004	0.009
		(0.081)	(0.061)	(0.035)	(0.014)	(0.005)	(0.136)	(0.015)	(0.007)	(0.022)
Slovakia	Buildings	0.012	0.000	0.007	0.003	0.001	0.007	0.000	0.000	0.000
		(0.011)	(0.000)	(0.006)	(0.003)	(0.001)	(0.002)	(0.000)	(0.000)	(0.000)
Slovakia	Energy	0.348	0.152	0.080	0.031	0.086	0.432	0.040	0.026	0.066
		(0.427)	(0.116)	(0.121)	(0.041)	(0.162)	(0.517)	(0.057)	(0.025)	(0.080)
Slovakia	Industry	0.077	0.031	0.017	0.022	0.006	0.199	0.001	0.009	0.009
		(0.101)	(0.097)	(0.009)	(0.015)	(0.005)	(0.112)	(0.001)	(0.007)	(0.007)
Slovakia	Materials	0.107	0.028	0.034	0.031	0.013	0.178	0.004	0.011	0.016
		(0.080)	(0.036)	(0.021)	(0.022)	(0.012)	(0.127)	(0.007)	(0.008)	(0.014)
Slovakia	Services	0.013	0.002	0.007	0.003	0.001	0.026	0.000	0.000	0.000
		(0.007)	(0.001)	(0.004)	(0.002)	(0.001)	(0.018)	(0.000)	(0.000)	(0.000)
Slovakia	Transport	0.128	0.074	0.043	0.008	0.002	0.204	0.018	0.011	0.029
		(0.038)	(0.029)	(0.008)	(0.002)	(0.001)	(0.154)	(0.019)	(0.010)	(0.029)
Slovakia	All	0.098	0.042	0.028	0.017	0.011	0.144	0.007	0.007	0.014
		(0.152)	(0.073)	(0.042)	(0.019)	(0.047)	(0.199)	(0.021)	(0.011)	(0.030)
Slovenia	AFOLU+	0.117	0.062	0.034	0.012	0.009	0.316	0.009	0.016	0.025
		(0.156)	(0.146)	(0.037)	(0.009)	(0.007)	(0.249)	(0.012)	(0.016)	(0.024)
Slovenia	Buildings	0.019	0.001	0.013	0.003	0.003	0.013	0.000	0.000	0.000
		(0.029)	(0.001)	(0.019)	(0.005)	(0.005)	(0.012)	(0.000)	(0.000)	(0.000)
Slovenia	Energy	1.666	1.622	0.030	0.006	0.008	0.470	1.438	0.016	1.453
		(2.279)	(2.299)	(0.021)	(0.000)	(0.004)	(0.453)	(2.397)	(0.009)	(2.402)
Slovenia	Industry	0.067	0.011	0.024	0.019	0.014	0.269	0.002	0.015	0.017
		(0.027)	(0.020)	(0.007)	(0.013)	(0.008)	(0.163)	(0.004)	(0.009)	(0.011)
Slovenia	Materials	0.096	0.015	0.034	0.024	0.023	0.300	0.004	0.022	0.025
		(0.057)	(0.015)	(0.017)	(0.015)	(0.018)	(0.120)	(0.003)	(0.014)	(0.015)
Slovenia	Services	0.015	0.001	0.009	0.002	0.002	0.047	0.000	0.001	0.001
		(0.008)	(0.001)	(0.005)	(0.002)	(0.001)	(0.028)	(0.000)	(0.001)	(0.001)
Slovenia	Transport	0.342	0.230	0.031	0.050	0.031	0.189	0.065	0.029	0.093
		(0.377)	(0.281)	(0.015)	(0.051)	(0.030)	(0.118)	(0.098)	(0.038)	(0.135)
Slovenia	All	0.171	0.119	0.026	0.014	0.011	0.243	0.079	0.014	0.093
		(0.561)	(0.559)	(0.026)	(0.017)	(0.013)	(0.225)	(0.542)	(0.015)	(0.544)
Spain	AFOLU+	0.103	0.044	0.049	0.006	0.004	0.170	0.005	0.007	0.011
		(0.100)	(0.080)	(0.074)	(0.010)	(0.006)	(0.190)	(0.007)	(0.009)	(0.011)
Spain	Buildings	0.007	0.000	0.005	0.001	0.001	0.009	0.000	0.000	0.000
		(0.008)	(0.001)	(0.006)	(0.001)	(0.001)	(0.008)	(0.000)	(0.000)	(0.000)
Spain	Energy	0.646	0.212	0.117	0.068	0.249	0.566	0.057	0.115	0.172
		(1.160)	(0.338)	(0.147)	(0.143)	(0.544)	(0.451)	(0.060)	(0.148)	(0.207)
Spain	Industry	0.051	0.010	0.025	0.009	0.007	0.219	0.002	0.009	0.010
		(0.015)	(0.016)	(0.006)	(0.007)	(0.003)	(0.156)	(0.003)	(0.006)	(0.007)
Spain	Materials	0.092	0.016	0.050	0.013	0.012	0.159	0.003	0.011	0.014
		(0.067)	(0.013)	(0.039)	(0.011)	(0.010)	(0.084)	(0.002)	(0.009)	(0.010)
Spain	Services	0.008	0.000	0.007	0.001	0.001	0.034	0.000	0.000	0.000
		(0.006)	(0.000)	(0.005)	(0.001)	(0.000)	(0.025)	(0.000)	(0.000)	(0.000)
Spain	Transport	0.548	0.383	0.150	0.006	0.008	0.155	0.082	0.034	0.116
		(0.535)	(0.387)	(0.137)	(0.004)	(0.006)	(0.088)	(0.102)	(0.040)	(0.142)
Spain	All	0.135	0.054	0.046	0.011	0.024	0.177	0.011	0.016	0.026
		(0.365)	(0.151)	(0.074)	(0.041)	(0.152)	(0.219)	(0.032)	(0.049)	(0.076)

Sweden	AFOLU+	0.094	0.049	0.033	0.008	0.003	0.192	0.005	0.006	0.011
		(0.103)	(0.091)	(0.045)	(0.006)	(0.002)	(0.244)	(0.008)	(0.007)	(0.012)
Sweden	Buildings	0.007	0.000	0.005	0.001	0.001	0.009	0.000	0.000	0.000
		(0.005)	(0.000)	(0.002)	(0.002)	(0.001)	(0.010)	(0.000)	(0.000)	(0.000)
Sweden	Energy	0.179	0.067	0.033	0.029	0.050	0.508	0.029	0.017	0.046
		(0.282)	(0.091)	(0.056)	(0.053)	(0.116)	(0.387)	(0.056)	(0.011)	(0.058)
Sweden	Industry	0.036	0.007	0.012	0.011	0.007	0.250	0.000	0.009	0.010
		(0.025)	(0.021)	(0.006)	(0.006)	(0.008)	(0.170)	(0.000)	(0.012)	(0.012)
Sweden	Materials	0.061	0.017	0.022	0.016	0.006	0.137	0.002	0.005	0.007
		(0.056)	(0.016)	(0.021)	(0.017)	(0.006)	(0.045)	(0.003)	(0.004)	(0.006)
Sweden	Services	0.008	0.000	0.005	0.002	0.001	0.044	0.000	0.000	0.000
		(0.005)	(0.000)	(0.003)	(0.002)	(0.001)	(0.033)	(0.000)	(0.000)	(0.000)
Sweden	Transport	0.167	0.099	0.036	0.023	0.009	0.135	0.018	0.009	0.026
		(0.090)	(0.069)	(0.021)	(0.012)	(0.005)	(0.114)	(0.023)	(0.007)	(0.030)
Sweden	All	0.073	0.031	0.022	0.011	0.008	0.188	0.006	0.006	0.012
		(0.115)	(0.067)	(0.034)	(0.018)	(0.035)	(0.231)	(0.019)	(0.009)	(0.023)
Switzerland	AFOLU+	0.037	0.007	0.013	0.004	0.003	0.162	0.000	0.009	0.010
		(0.044)	(0.013)	(0.018)	(0.032)	(0.007)	(0.232)	(0.000)	(0.033)	(0.033)
Switzerland	Buildings	0.005	0.000	0.003	0.001	0.001	0.013	0.000	0.000	0.000
		(0.006)	(0.000)	(0.003)	(0.002)	(0.001)	(0.021)	(0.000)	(0.000)	(0.000)
Switzerland	Energy	0.431	0.198	0.016	0.036	0.181	0.658	0.143	0.032	0.175
		(0.491)	(0.235)	(0.016)	(0.049)	(0.383)	(0.456)	(0.224)	(0.019)	(0.232)
Switzerland	Industry	0.032	0.002	0.008	0.015	0.007	0.260	0.000	0.008	0.008
		(0.014)	(0.003)	(0.003)	(0.008)	(0.005)	(0.169)	(0.000)	(0.005)	(0.006)
Switzerland	Materials	0.035	0.002	0.009	0.016	0.008	0.213	0.000	0.011	0.011
		(0.019)	(0.002)	(0.004)	(0.011)	(0.007)	(0.248)	(0.000)	(0.020)	(0.021)
Switzerland	Services	0.008	0.000	0.005	0.002	0.001	0.038	0.000	0.000	0.000
		(0.011)	(0.000)	(0.008)	(0.002)	(0.001)	(0.026)	(0.000)	(0.000)	(0.000)
Switzerland	Transport	0.143	0.090	0.026	0.022	0.005	0.185	0.019	0.011	0.030
		(0.124)	(0.091)	(0.018)	(0.016)	(0.004)	(0.067)	(0.020)	(0.008)	(0.028)
Switzerland	All	0.071	0.025	0.011	0.014	0.020	0.204	0.014	0.010	0.024
		(0.185)	(0.090)	(0.013)	(0.026)	(0.119)	(0.270)	(0.075)	(0.023)	(0.084)
Turkey	AFOLU+	0.109	0.040	0.059	0.003	0.007	0.182	0.006	0.009	0.015
		(0.106)	(0.056)	(0.073)	(0.004)	(0.009)	(0.191)	(0.010)	(0.012)	(0.019)
Turkey	Buildings	0.020	0.000	0.016	0.001	0.003	0.008	0.000	0.000	0.000
		(0.026)	(0.000)	(0.020)	(0.002)	(0.004)	(0.007)	(0.000)	(0.000)	(0.000)
Turkey	Energy	0.329	0.180	0.048	0.011	0.090	0.563	0.073	0.058	0.132
		(0.357)	(0.172)	(0.073)	(0.018)	(0.174)	(0.407)	(0.119)	(0.100)	(0.181)
Turkey	Industry	0.098	0.040	0.038	0.008	0.013	0.202	0.001	0.012	0.013
		(0.079)	(0.088)	(0.016)	(0.008)	(0.011)	(0.110)	(0.001)	(0.007)	(0.007)
Turkey	Materials	0.155	0.042	0.076	0.011	0.027	0.290	0.014	0.039	0.053
		(0.118)	(0.053)	(0.053)	(0.008)	(0.024)	(0.130)	(0.021)	(0.039)	(0.055)
Turkey	Services	0.018	0.003	0.014	0.001	0.001	0.024	0.000	0.000	0.000
		(0.011)	(0.003)	(0.007)	(0.000)	(0.001)	(0.015)	(0.000)	(0.000)	(0.000)
Turkey	Transport	0.125	0.077	0.034	0.003	0.011	0.092	0.011	0.006	0.017
		(0.118)	(0.080)	(0.025)	(0.003)	(0.011)	(0.075)	(0.016)	(0.009)	(0.025)
Turkey	All	0.119	0.049	0.047	0.005	0.018	0.200	0.013	0.017	0.029
		(0.160)	(0.086)	(0.058)	(0.008)	(0.059)	(0.234)	(0.043)	(0.039)	(0.070)
United Kingdom	AFOLU+	0.076	0.034	0.030	0.007	0.004	0.229	0.005	0.007	0.013
		(0.057)	(0.050)	(0.034)	(0.007)	(0.005)	(0.237)	(0.008)	(0.010)	(0.015)
United Kingdom	Buildings	0.007	0.000	0.005	0.001	0.001	0.006	0.000	0.000	0.000
		(0.007)	(0.000)	(0.005)	(0.001)	(0.001)	(0.007)	(0.000)	(0.000)	(0.000)
United Kingdom	Energy	0.141	0.073	0.035	0.014	0.020	0.315	0.013	0.015	0.027
		(0.173)	(0.070)	(0.059)	(0.026)	(0.040)	(0.308)	(0.016)	(0.025)	(0.038)
United Kingdom	Industry	0.037	0.009	0.016	0.007	0.005	0.273	0.001	0.007	0.008
		(0.024)	(0.020)	(0.007)	(0.005)	(0.003)	(0.208)	(0.001)	(0.004)	(0.005)
United Kingdom	Materials	0.068	0.011	0.036	0.013	0.008	0.132	0.001	0.008	0.009
		(0.068)	(0.015)	(0.040)	(0.012)	(0.008)	(0.071)	(0.001)	(0.009)	(0.010)
United Kingdom	Services	0.011	0.000	0.008	0.001	0.001	0.034	0.000	0.000	0.000
		(0.005)	(0.000)	(0.004)	(0.001)	(0.000)	(0.025)	(0.000)	(0.000)	(0.000)
United Kingdom	Transport	0.127	0.078	0.032	0.009	0.008	0.116	0.013	0.006	0.019
		(0.073)	(0.068)	(0.013)	(0.005)	(0.004)	(0.083)	(0.018)	(0.005)	(0.022)
United Kingdom	All	0.063	0.025	0.024	0.007	0.006	0.184	0.004	0.006	0.010
		(0.076)	(0.045)	(0.031)	(0.010)	(0.013)	(0.209)	(0.008)	(0.010)	(0.017)
USA	AFOLU+	0.121	0.055	0.061	0.003	0.002	0.151	0.006	0.007	0.013
		(0.107)	(0.080)	(0.067)	(0.005)	(0.004)	(0.169)	(0.008)	(0.014)	(0.017)
USA	Buildings	0.008	0.000	0.007	0.000	0.000	0.003	0.000	0.000	0.000
		(0.007)	(0.001)	(0.006)	(0.000)	(0.001)	(0.003)	(0.000)	(0.000)	(0.000)
USA	Energy	0.360	0.177	0.109	0.047	0.026	0.090	0.013	0.020	0.033
		(0.581)	(0.218)	(0.213)	(0.113)	(0.062)	(0.110)	(0.026)	(0.048)	(0.074)
USA	Industry	0.045	0.008	0.030	0.003	0.004	0.217	0.001	0.009	0.010
		(0.029)	(0.013)	(0.015)	(0.002)	(0.003)	(0.203)	(0.003)	(0.010)	(0.011)
USA	Materials	0.057	0.013	0.038	0.003	0.003	0.105	0.001	0.005	0.007
		(0.030)	(0.008)	(0.021)	(0.003)	(0.002)	(0.037)	(0.001)	(0.005)	(0.005)
USA	Services	0.010	0.001	0.008	0.000	0.000	0.018	0.000	0.000	0.000
		(0.004)	(0.001)	(0.003)	(0.000)	(0.000)	(0.012)	(0.000)	(0.000)	(0.000)
USA	Transport	0.142	0.102	0.036	0.002	0.002	0.068	0.008	0.003	0.011
		(0.087)	(0.072)	(0.015)	(0.001)	(0.000)	(0.028)	(0.008)	(0.002)	(0.010)
USA	All	0.100	0.044	0.045	0.007	0.005	0.119	0.004	0.007	0.011
		(0.202)	(0.094)	(0.078)	(0.035)	(0.019)	(0.149)	(0.010)	(0.017)	(0.025)

Table S7 Average EITE value percentage changes under the different sensitivity scenarios, by sector group.

Notes: DIR stands for direct emissions, IND for indirect emissions, TOT, for total emissions, DEV for developing countries, ALL for all countries, N-OECD for non-OECD countries, and $\widehat{te}_j^d$ for a TE component excluding imports from its denominator

Sector group	Average percentage change between		
	$ei_j^{d(TOT)}te_j^{d(DEV)}$ and	$ei_j^{d(TOT)}te_j^{d(ALL)}$ and	$ei_j^{d(TOT)}\widehat{te}_j^{d(N-OECD)}$ and
	$ei_j^{d(TOT)}te_j^{d(N-OECD)}$	$ei_j^{d(TOT)}te_j^{d(N-OECD)}$	$ei_j^{d(TOT)}te_j^{d(N-OECD)}$
AFOLU+	47	541	952
Buildings	6	109	111
Energy	33	415	17133
Industry	22	213	420
Materials	37	320	561
Services	11	233	257
Transport	10	155	217

Table S8 Average EITE value percentage changes under the different sensitivity scenarios, by sector. Notes: DIR stands for direct emissions, IND for indirect emissions, TOT, for total emissions, DEV for developing countries, ALL for all countries, N-OECD for non-OECD countries, and $\widehat{te}_j^d$ for a TE component excluding imports from its denominator

Sector	Sector group	Average percentage change between		
		$ei_j^{d(TOT)}te_j^{d(DEV)}$ and	$ei_j^{d(TOT)}te_j^{d(ALL)}$ and	$ei_j^{d(TOT)}te_j^{d(N-OECD)}$ and
		$ei_j^{d(TOT)}te_j^{d(N-OECD)}$	$ei_j^{d(TOT)}te_j^{d(N-OECD)}$	$ei_j^{d(TOT)}te_j^{d(N-OECD)}$
Beverage & tobacco p.	AFOLU+	53	529	731
Bovine animals	AFOLU+	53	935	1052
Bovine meat	AFOLU+	61	643	881
Cereal grains	AFOLU+	45	329	821
Crops	AFOLU+	26	351	589
Dairy & egg p.	AFOLU+	42	670	890
Fishing	AFOLU+	39	795	2085
Food p.	AFOLU+	38	307	475
Forestry p.	AFOLU+	26	476	548
Meat p.	AFOLU+	128	690	1036
Oilseeds, fruits	AFOLU+	28	243	607
Other animals	AFOLU+	59	448	579
Paddy rice	AFOLU+	102	289	632
Plant based fibers	AFOLU+	12	70	444
Processed rice	AFOLU+	8	107	474
Raw milk	AFOLU+	10	87	88
Sugar & molasses	AFOLU+	81	423	873

Sugar crops	AFOLU+	19	3011	3519
Vegetable oils	AFOLU+	51	236	569
Vegetables & fruits	AFOLU+	40	340	759
Wheat	AFOLU+	102	819	2771
Wood p.	AFOLU+	36	360	497
Wool	AFOLU+	15	224	814
Construction	Buildings	6	138	141
Dwellings	Buildings	0	0	0
Real estate	Buildings	11	172	177
Coal	Energy	102	390	5570
Electricity	Energy	27	448	524
Gas	Energy	30	878	87651
Gas manufacture	Energy	13	104	3775
Oil	Energy	3	377	9267
Petroleum & coal p.	Energy	29	313	2633
Computer p.	Industry	21	157	344
Electrical eq.	Industry	27	198	374
Leather p.	Industry	6	76	419
Machinery	Industry	20	199	308
Manufactures	Industry	26	364	512
Metal p.	Industry	27	272	393
Motor vehicles	Industry	50	434	935
Textiles	Industry	22	139	333
Transport eq.	Industry	15	218	391
Water supply	Industry	11	179	182
Wearing ap.	Industry	13	96	418
Chemical p.	Materials	31	255	501
Ferrous metals	Materials	48	349	632
Metals	Materials	34	293	568
Mineral p.	Materials	37	347	485
Other extraction	Materials	32	223	392
Paper p.	Materials	46	427	617
Pharmaceutical p.	Materials	29	377	765
Plastic p.	Materials	37	291	526
Accommodation	Services	10	163	175
Education	Services	10	259	274
Financial services	Services	10	403	451
Human health	Services	12	239	245
Information	Services	11	253	275
Insurance	Services	12	236	274
Other business	Services	7	203	246
Public adm.	Services	12	288	291
Recreation	Services	15	214	248
Trade	Services	8	150	162
Warehousing	Services	15	165	192
Air transport	Transport	10	161	265

Land transport	Transport	13	158	187
Water transport	Transport	6	145	197

Table S9 Top 10 sectors according to average EITE value in OECD countries under the “total” climate policy scenario, by sensitivity scenario. The acronym n.e.c. stands for “not elsewhere classified”

Baseline			Sensitivity 1		Sensitivity 2		Sensitivity 3	
N o.	Sector	EITE value	Sector	EITE value	Sector	EITE value	Sector	EITE value
1	Petroleum & coal products	0.42	Petroleum & coal products	0.45	Petroleum & coal products	0.77	Gas	83.30
2	Coal	0.13	Coal	0.14	Air transport	0.28	Petroleum & coal products	44.32
3	Air transport	0.11	Air transport	0.12	Coal	0.16	Coal	17.43
4	Gas manufacture & distribution	0.10	Gas manufacture & distribution	0.10	Bovine animals, horses & other equines	0.11	Gas manufacture & distribution	8.60
5	Processed rice	0.05	Processed rice	0.06	Ferrous metals	0.11	Oil	3.27
6	Gas	0.04	Ferrous metals	0.05	Gas manufacture & distribution	0.11	Air transport	0.39
7	Ferrous metals	0.04	Chemical products	0.05	Metals n.e.c.	0.10	Plant-based fibers	0.35
8	Paddy rice	0.04	Vegetable oils & fats	0.04	Chemical products	0.10	Processed rice	0.33
9	Plant-based fibers	0.04	Paddy rice	0.04	Bovine meat products	0.09	Ferrous metals	0.21
10	Chemical products	0.04	Gas	0.04	Vegetable oils & fats	0.09	Oilseeds & oleaginous fruits	0.21

Table S10 Top 10 sectors according to average EITE value in OECD countries under the “direct” climate policy scenario, by sensitivity scenario. The acronym n.e.c. stands for “not elsewhere classified”

Baseline			Sensitivity 1		Sensitivity 2		Sensitivity 3	
N o.	Sector	EITE value	Sector	EITE value	Sector	EITE value	Sector	EITE value
1	Petroleum & coal products	0.26	Petroleum & coal products	0.27	Petroleum & coal products	0.37	Gas	54.76
2	Coal	0.11	Coal	0.12	Air transport	0.19	Petroleum & coal products	42.47
3	Gas manufacture & distribution	0.08	Air transport	0.08	Coal	0.13	Coal	15.16
4	Air transport	0.07	Gas manufacture & distribution	0.08	Bovine animals, horses & other equines	0.10	Gas manufacture & distribution	7.69
5	Gas	0.02	Bovine animals, horses & other equines	0.03	Gas manufacture & distribution	0.09	Oil	1.44
6	Plant-based fibers	0.02	Paddy rice	0.02	Cereal grains not elsewhere classified (n.e.c.)	0.05	Air transport	0.27
7	Cereal grains not elsewhere classified (n.e.c.)	0.02	Gas	0.02	Wheat	0.05	Plant-based fibers	0.18
8	Paddy rice	0.02	Cereal grains not elsewhere classified (n.e.c.)	0.02	Oilseeds & oleaginous fruits	0.04	Bovine animals, horses & other equines	0.12
9	Wheat	0.02	Wheat	0.02	Paddy rice	0.04	Wheat	0.12
10	Bovine animals, horses & other equines	0.02	Plant-based fibers	0.02	Water transport	0.04	Cereal grains not elsewhere classified (n.e.c.)	0.11

Table S11 Top 10 sectors according to average EITE value in OECD countries under the “indirect” climate policy scenario, by sensitivity scenario. The acronym n.e.c. stands for “not elsewhere classified”

N o.	Baseline		Sensitivity 1		Sensitivity 2		Sensitivity 3	
	Sector	EITE value	Sector	EITE value	Sector	EITE value	Sector	EITE value
1	Petroleum & coal products	0.16	Petroleum & coal products	0.18	Petroleum & coal products	0.40	Gas	28.53
2	Processed rice	0.04	Processed rice	0.04	Bovine meat products	0.09	Coal	2.27
3	Vegetable oils & fats	0.03	Ferrous metals	0.04	Metals n.e.c.	0.09	Petroleum & coal products	1.85
4	Ferrous metals	0.03	Vegetable oils & fats	0.04	Ferrous metals	0.09	Oil	1.83
5	Air transport	0.03	Air transport	0.04	Air transport	0.08	Gas manufacture & distribution	0.91
6	Chemical products	0.03	Metals n.e.c.	0.04	Vegetable oils & fats	0.08	Processed rice	0.23
7	Metals n.e.c.	0.03	Chemical products	0.04	Chemical products	0.07	Plant-based fibers	0.18
8	Leather products	0.02	Bovine meat products	0.03	Processed rice	0.06	Ferrous metals	0.17
9	Bovine meat products	0.02	Leather products	0.03	Meat products nec	0.06	Vegetable oils & fats	0.16
10	Paddy rice	0.02	Coal	0.02	Dairy products & egg products	0.05	Metals n.e.c.	0.15

References

Aguiar, Angel; Chepeliev, Maksym; Corong, Erwin L.; McDougall, Robert; van der Mensbrugghe, Dominique (2019): The GTAP Data Base: Version 10. In *Journal of Global Economic Analysis* 4 (1), pp. 1–27. DOI: 10.21642/JGEA.040101AF.

World Bank (2021): State and trends of carbon pricing 2021. World Bank. Washington, DC.