

Annex D.2. Total LCF in 1.5-and 2°C scenarios and their breakdown into Avoid-, Shift- and Improve-scenarios.

Table D.1. Comparison of footprints (kgCO₂e/capita/year), consumption amounts and intensities between current LCF, and 1.5°C and 2°C scenarios by 2035 (rounded values).

	Current Lifestyle Carbon Footprint (LCF)				2035 LCF – 1.5°C Scenario				2035 LCF – 2°C Scenario			
Domain	kgCO ₂ e/capita/yr	%	Amount	Intensity	kgCO ₂ e/capita/yr	%	Amount	Intensity	kgCO ₂ e/capita/yr	%	Amount	Intensity
Personal transportation	2,840	36%	16,730 p-km	0.17 kgCO ₂ e/p-km	340	25%	14,660 p-km	0.02 kgCO ₂ e /p-km	570	22%	15,160 p-km	0.04 kgCO ₂ e /p-km
Nutrition	2,080	26%	900 kg	2.31 kgCO ₂ e/kg	580	42%	690 kg	0.84 kgCO ₂ e /kg	960	37%	760 kg	1.26 kgCO ₂ e /kg
Goods	1,370	18%	3,930 €	0.35 kgCO ₂ e/€	150	11%	630 €	0.24 kgCO ₂ e /€	280	11%	1,340 €	0.21 kgCO ₂ e/€
Housing	1,020	13%	70 m ² 7,560 kWh	14.35 kgCO ₂ e/m ²	230	16%	20 m ² 990 kWh	11.59 kgCO ₂ e /m ²	560	22%	47 m ² 3,380 kWh	11.97 kgCO ₂ e /m ²
Leisure	270	3%	1,070 €	0.19 kgCO ₂ e/€	70	5%	430 €	0.04 kgCO ₂ e /€	140	5%	850 €	0.09 kgCO ₂ e/€
Services	235	3%	3,870 €	0.06 kgCO ₂ e/€	15	1%	1,350 €	0.01 kgCO ₂ e/€	80	3%	2,680 €	0.03 kgCO ₂ e/€
Total	7,810				1,380				2,580			

Table D.2. Breakdown of 1.5°C scenario into Avoid-, Shift and Improve-scenarios: comparison of footprints (kgCO₂e/capita/year), consumption amounts and intensities (rounded values).

	2035 LCF – Avoid 1.5°C Scenario				2035 LCF – Shift 1.5°C Scenario				2035 LCF – Improve 1.5°C Scenario			
Domain	kgCO ₂ e/ capita/yr	%	Amount	Intensity	kgCO ₂ e/ capita/yr	%	Amount	Intensity	kgCO ₂ e/ capita/yr	%	Amount	Intensity
Personal transportation	600	19%	11,860 p-km	0.05 kgCO ₂ e /p-km	1,730	32%	15,850 p-km	0.11 kgCO ₂ e /p-km	770	19%	16,730 p-km	0.05 kgCO ₂ e /p-km
Nutrition	1,900	59%	740 kg	2.58 kgCO ₂ e /kg	910	17%	840 kg	1.08 kgCO ₂ e /kg	1,610	39%	900 kg	1.79 kgCO ₂ e /kg
Goods	250	8%	630 €	0.33 kgCO ₂ e /€	1,730	24%	3,820 €	0.34 kgCO ₂ e /€	770	19%	3,820 €	0.21 kgCO ₂ e /€
Housing	260	8%	20 m ² 2,000 kWh	13.48 kgCO ₂ e /m ²	920	17%	70 m ² 7,020 kWh	12.95 kgCO ₂ e /m ²	810	20%	70 m ² 3,720 kWh	11.33 kgCO ₂ e /m ²
Leisure	140	4%	430 €	0.19 kgCO ₂ e /€	260	5%	1,070 €	0.19 kgCO ₂ e /€	100	2%	1,070 €	0.04 kgCO ₂ e /€
Services	70	2%	1,350 €	0.05 kgCO ₂ e /€	235	4%	3,870 €	0.06 kgCO ₂ e /€	50	1%	3,870 €	0.01 kgCO ₂ e /€
Total	3,210				5,340				4,100			

Table D.3. Breakdown of 2°C scenario into Avoid-, Shift and Improve-scenarios: comparison of footprints (kgCO₂e/capita/year), consumption amounts and intensities (rounded values).

	2035 LCF – Avoid 2°C Scenario				2035 LCF – Shift 2°C Scenario				2035 LCF – Improve 2°C Scenario			
Domain	kgCO ₂ e/ capita/yr	%	Amount	Intensity	kgCO ₂ e/ capita/yr	%	Amount	Intensity	kgCO ₂ e/ capita/yr	%	Amount	Intensity
Personal transportation	2,240	39%	15,500 p-km	0.14 kgCO ₂ e /p-km	1,740	30%	16,340 p-km	0.11 kgCO ₂ e /p-km	870	20%	16,730 p-km	0.05 kgCO ₂ e /p-km
Nutrition	1,940	34%	780 kg	2.48 kgCO ₂ e /kg	1,330	23%	840 kg	1.58 kgCO ₂ e /kg	1,630	38%	900 kg	1.80 kgCO ₂ e /kg
Goods	570	10%	1,340 €	0.40 kgCO ₂ e /€	1,280	22%	3,820 €	0.35 kgCO ₂ e /€	670	15%	3,890 €	0.17 kgCO ₂ e /€
Housing	610	11%	47 m ² 4,870 kWh	13.12 kgCO ₂ e /m ²	900	16%	70 m ² 6,950 kWh	12.73 kgCO ₂ e /m ²	850	20%	70 m ² 5,200 kWh	11.91 kgCO ₂ e /m ²
Leisure	220	4%	850 €	0.19 kgCO ₂ e /€	260	4%	1,070 €	0.19 kgCO ₂ e /€	160	3%	1,070 €	0.09 kgCO ₂ e /€
Services	160	3%	2,680 €	0.06 kgCO ₂ e /€	240	4%	3,870 €	0.06 kgCO ₂ e /€	120	3%	3,870 €	0.03 kgCO ₂ e /€
Total	5,720				5,750				4,290			