List of PCF certificates for UGIMA-X / UGIMA / UGI Grades from Ugitech.

Pr. August 2025

See file "Ugitech - PCF - DNV's Assurance Statement" on our website for DNV's independent limited assurance report on the calculation method.

UGI 4057

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

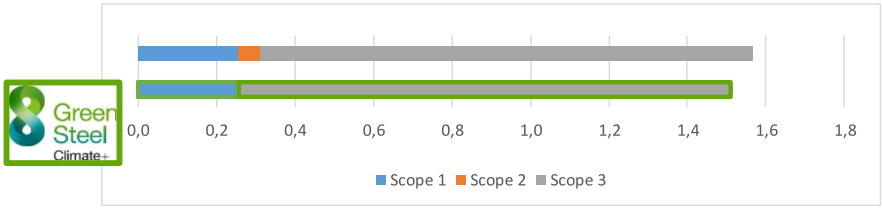
Grade	UGI 4057 and UGI4057X5
Type of product	Descaled or Turned and polished bars <55mm

CO2 emissions for 1 ton of product

Scope 1	0,256	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,055	teqCO2/t		1,566	teq CO2/t
Scope 3	1,256	teqCO2/t			
including scope 3.1	*1,118*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,138*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,256	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,511	teq CO2/t
Scope 3	1,256	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

Scope 2 contains indirect emissions related to the use of electricity and heat for office heating. Heat recovery system for the urban network is also taken into account.

Scope 3 = Sum of scopes 3.1, 3.3, 3.4, 3.5, 3.6.
Scope 3.1 : indirect emissions linked to the raw materials used in the composition of the product, and to the use of consumables.
Scope 3.3 : indirect emissions linked to the use of energy
Scope 3.4 : indirect emissions linked to raw material transportation.
Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	76,62%

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

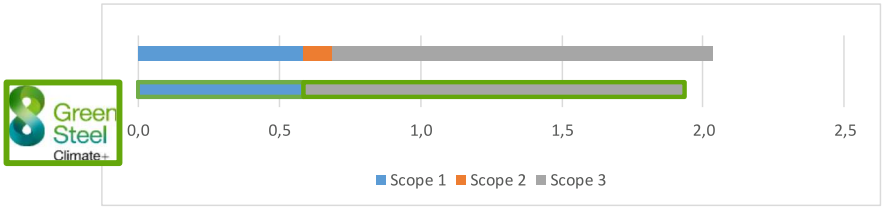
Grade	UGI 4057 and UGI4057X5
Type of product	Descaled or Turned and polished bars >55mm

CO2 emissions for 1 ton of product

Scope 1	0,585	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,105	teqCO2/t		2,038	teq CO2/t
Scope 3	1,348	teqCO2/t			
including scope 3.1	*1,118*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,230*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,585	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,933	teq CO2/t
Scope 3	1,348	teqCO2/t			



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	Recycled content	76,62%

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		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

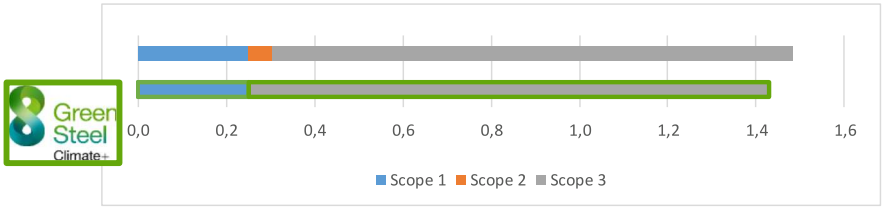
Grade	UGI 4057 and UGI4057X5
Type of product	Descaled or Turned and polished bars >55mm

CO2 emissions for 1 ton of product

Scope 1	0,250	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,055	teqCO2/t		1,484	teq CO2/t
Scope 3	1,179	teqCO2/t			
including scope 3.1	*1,041*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,138*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,250	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,429	teq CO2/t
Scope 3	1,179	teqCO2/t			



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Recycled content

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	Recycled content	78,15%

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

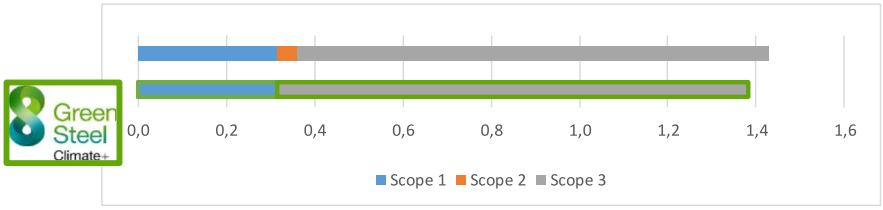
Grade	UGI 4006
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,316	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,046	teqCO2/t		1,428	teq CO2/t
Scope 3	1,066	teqCO2/t			
including scope 3.1	*0,918*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,149*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,316	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,382	teq CO2/t
Scope 3	1,066	teqCO2/t			



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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

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	Recycled content	80,50%

UGIMA-X 4307

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

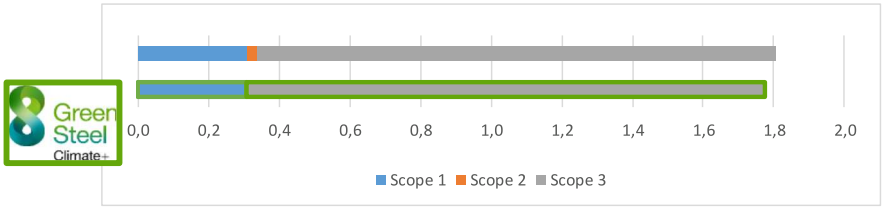
Grade	UGIMA-X 4307 and UGIMA 4307-1 and UGI 4307
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,308	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,030	teqCO2/t		1,804	teq CO2/t
Scope 3	1,466	teqCO2/t			
including scope 3.1	*1,327*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,139*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,308	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,774	teq CO2/t
Scope 3	1,466	teqCO2/t			



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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	82,45%

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

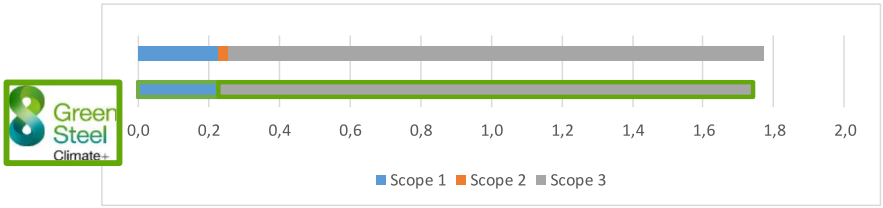
Grade	UGIMA-X 4307 and UGIMA 4307-1 and UGI 4307
Type of product	Descaled or turned and polished bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,226	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		1,772	teq CO2/t
Scope 3	1,515	teqCO2/t			
including scope 3.1	*1,391*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,226	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,741	teq CO2/t
Scope 3	1,515	teqCO2/t			



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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	82,45%

UGIMA-X 4307

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

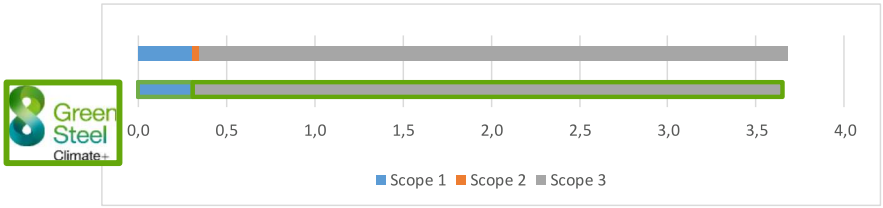
Grade	UGIMA-X 4307 LR
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,308	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,035	teqCO2/t		3,683	teq CO2/t
Scope 3	3,340	teqCO2/t			
including scope 3.1	*1,327*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,143*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,308	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		3,648	teq CO2/t
Scope 3	3,340	teqCO2/t			



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Recycled content

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	Recycled content	58,00%

UGI 4307

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

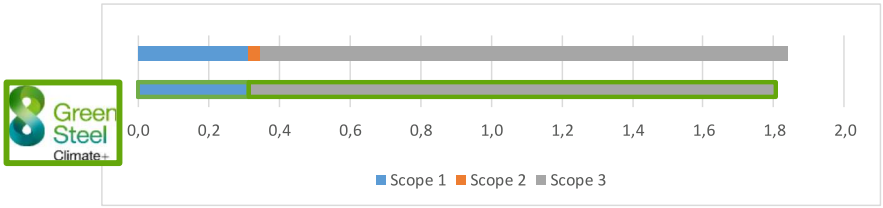
Grade	UGI 4307 and UGI 4307-1
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,312	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,035	teqCO2/t		1,841	teq CO2/t
Scope 3	1,494	teqCO2/t			
including scope 3.1	*1,351*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,143*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,312	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,806	teq CO2/t
Scope 3	1,494	teqCO2/t			



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Recycled content

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	Recycled content	82,02%

UGI 4307

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

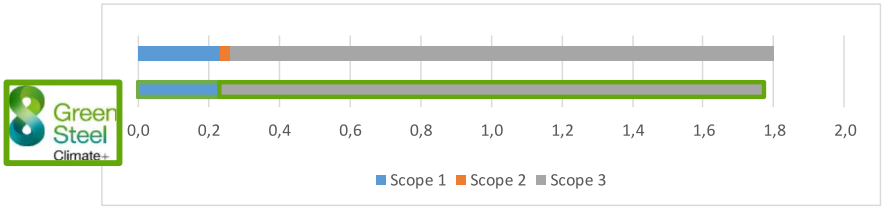
Grade	UGI 4307 and UGI 4307-1
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,231	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		1,802	teq CO2/t
Scope 3	1,541	teqCO2/t			
including scope 3.1	*1,416*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,231	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,771	teq CO2/t
Scope 3	1,541	teqCO2/t			



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Recycled content

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Recycled content	82,02%

UGI 4435

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

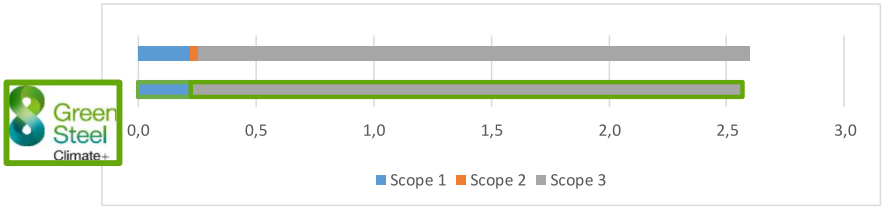
Grade	UGI4435WL
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,222	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		2,597	teq CO2/t
Scope 3	2,344	teqCO2/t			
including scope 3.1	*2,219*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,222	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,566	teq CO2/t
Scope 3	2,344	teqCO2/t			



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Scope 3.1 : indirect emissions linked to the raw materials used in the composition of the product, and to the use of consumables.
Scope 3.3 : indirect emissions linked to the use of energy
Scope 3.4 : indirect emissions linked to raw material transportation.
Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	73,67%

UGIMA 4435

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

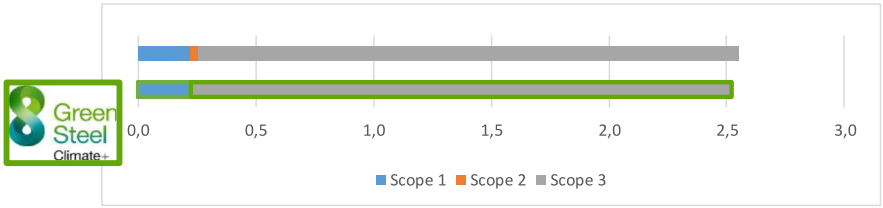
Grade	UGIMA 4435
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,223	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		2,552	teq CO2/t
Scope 3	2,298	teqCO2/t			
including scope 3.1	*2,173*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,223	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,521	teq CO2/t
Scope 3	2,298	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

Scope 2 contains indirect emissions related to the use of electricity and heat for office heating. Heat recovery system for the urban network is also taken into account.

Scope 3 = Sum of scopes 3.1, 3.3, 3.4, 3.5, 3.6.
Scope 3.1 : indirect emissions linked to the raw materials used in the composition of the product, and to the use of consumables.
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Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	75,24%

UGI 4404

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

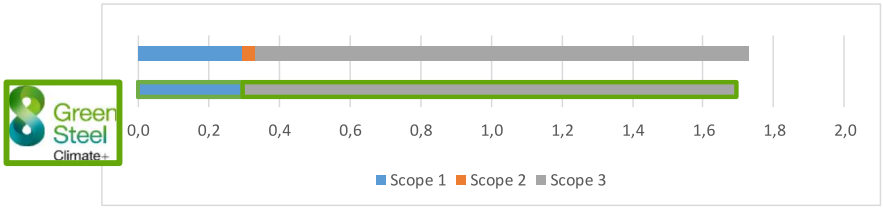
Grade	UGI 4404
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,295	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,035	teqCO2/t		1,730	teq CO2/t
Scope 3	1,399	teqCO2/t			
including scope 3.1	*1,257*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,143*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,295	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,695	teq CO2/t
Scope 3	1,399	teqCO2/t			



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The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	85,07%

UGI 4404

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

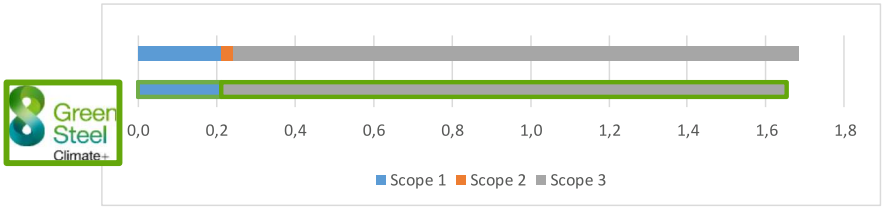
Grade	UGI 4404
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,213	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		1,685	teq CO2/t
Scope 3	1,441	teqCO2/t			
including scope 3.1	*1,317*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,213	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,654	teq CO2/t
Scope 3	1,441	teqCO2/t			



Methodological description

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The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	85,07%

UGIMA-X 4404 Stainless+

	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

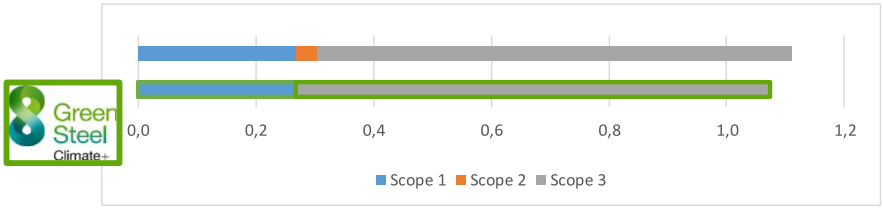
Grade	UGIMA-X 4404 S+
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,269	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,035	teqCO2/t		1,109	teq CO2/t
Scope 3	0,805	teqCO2/t			
including scope 3.1	*0,663*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,143*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,269	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,074	teq CO2/t
Scope 3	0,805	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

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Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	95,05%

UGIMA-X 4404 Stainless+

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

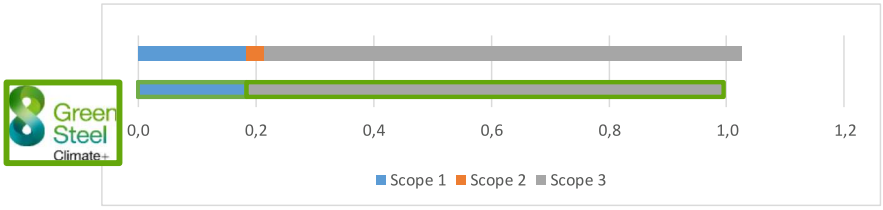
Grade	UGIMA-X 4404 S+
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,184	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		1,026	teq CO2/t
Scope 3	0,811	teqCO2/t			
including scope 3.1	*0,686*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,184	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		0,995	teq CO2/t
Scope 3	0,811	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

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Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	95,05%

UGIMA 4021

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

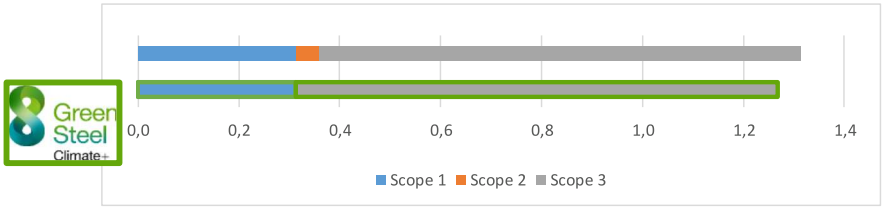
Grade	UGIMA 4021
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,313	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,046	teqCO2/t		1,313	teq CO2/t
Scope 3	0,954	teqCO2/t			
including scope 3.1	*0,806*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,149*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,313	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,267	teq CO2/t
Scope 3	0,954	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

Scope 2 contains indirect emissions related to the use of electricity and heat for office heating. Heat recovery system for the urban network is also taken into account.

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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	81,97%

UGIMA 4021

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

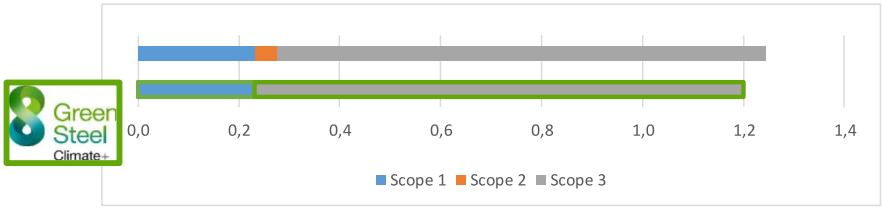
Grade	UGIMA 4021
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,231	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,043	teqCO2/t		1,244	teq CO2/t
Scope 3	0,969	teqCO2/t			
including scope 3.1	*0,838*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,131*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,231	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,201	teq CO2/t
Scope 3	0,969	teqCO2/t			



Methodological description

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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	81,97%

UGIMA-X 4305

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

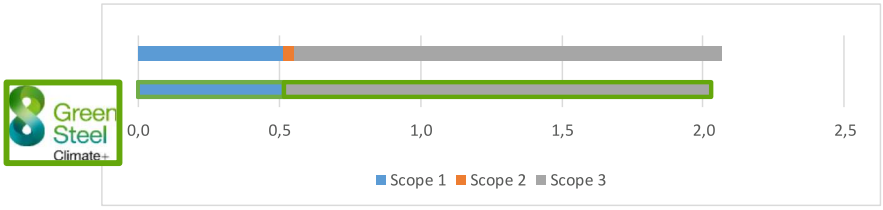
Grade	UGIMA-X 4305
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,516	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,037	teqCO2/t		2,065	teq CO2/t
Scope 3	1,511	teqCO2/t			
including scope 3.1	*1,327*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,184*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,516	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,028	teq CO2/t
Scope 3	1,511	teqCO2/t			



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The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	82,85%

UGIMA-X 4305

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

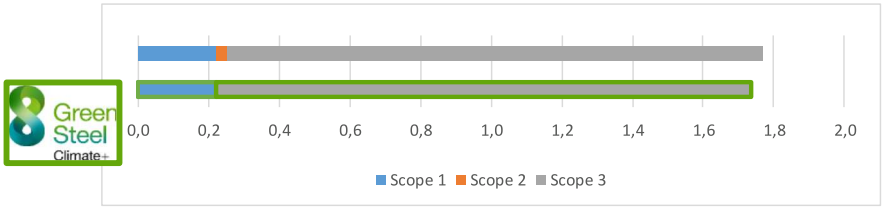
Grade	UGIMA-X 4305
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,221	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,031	teqCO2/t		1,767	teq CO2/t
Scope 3	1,516	teqCO2/t			
including scope 3.1	*1,391*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,124*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,221	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,736	teq CO2/t
Scope 3	1,516	teqCO2/t			



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The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	82,85%

FLX 4923

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

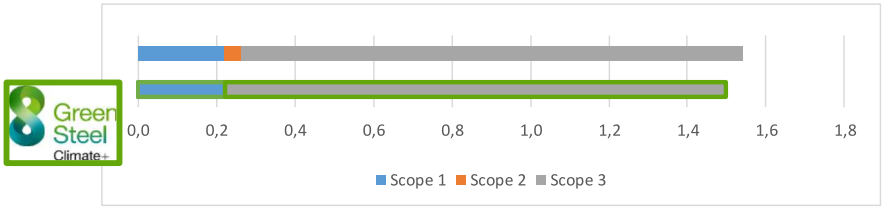
Grade	FLX4923
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,221	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,043	teqCO2/t		1,542	teq CO2/t
Scope 3	1,278	teqCO2/t			
including scope 3.1	*1,147*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,131*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,221	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,499	teq CO2/t
Scope 3	1,278	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

Scope 2 contains indirect emissions related to the use of electricity and heat for office heating. Heat recovery system for the urban network is also taken into account.

Scope 3 = Sum of scopes 3.1, 3.3, 3.4, 3.5, 3.6.
Scope 3.1 : indirect emissions linked to the raw materials used in the composition of the product, and to the use of consumables.
Scope 3.3 : indirect emissions linked to the use of energy
Scope 3.4 : indirect emissions linked to raw material transportation.
Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	83,28%

UGI 4418

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

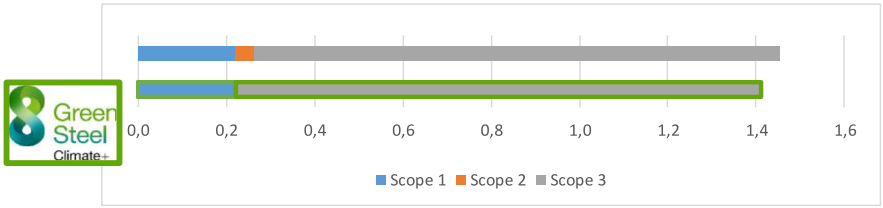
Grade	UGI 4418
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,221	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,043	teqCO2/t		1,453	teq CO2/t
Scope 3	1,190	teqCO2/t			
including scope 3.1	*1,059*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,131*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,221	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,411	teq CO2/t
Scope 3	1,190	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

Scope 2 contains indirect emissions related to the use of electricity and heat for office heating. Heat recovery system for the urban network is also taken into account.

Scope 3 = Sum of scopes 3.1, 3.3, 3.4, 3.5, 3.6.
Scope 3.1 : indirect emissions linked to the raw materials used in the composition of the product, and to the use of consumables.
Scope 3.3 : indirect emissions linked to the use of energy
Scope 3.4 : indirect emissions linked to raw material transportation.
Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	85,73%

UGIMA 4571 / 316Ti

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

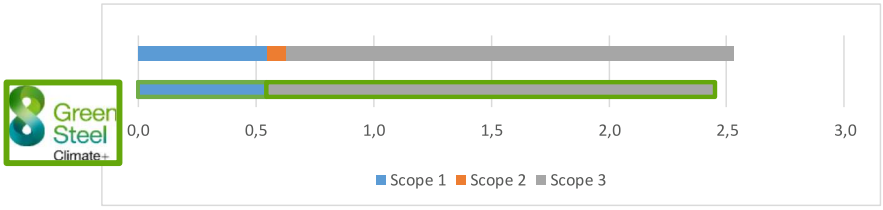
Grade	UGIMA 316Ti
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,547	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,082	teqCO2/t		2,531	teq CO2/t
Scope 3	1,903	teqCO2/t			
including scope 3.1	*1,687*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,216*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,547	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,450	teq CO2/t
Scope 3	1,903	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

Scope 2 contains indirect emissions related to the use of electricity and heat for office heating. Heat recovery system for the urban network is also taken into account.

Scope 3 = Sum of scopes 3.1, 3.3, 3.4, 3.5, 3.6.
Scope 3.1 : indirect emissions linked to the raw materials used in the composition of the product, and to the use of consumables.
Scope 3.3 : indirect emissions linked to the use of energy
Scope 3.4 : indirect emissions linked to raw material transportation.
Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	81,60%

UGI 4542

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

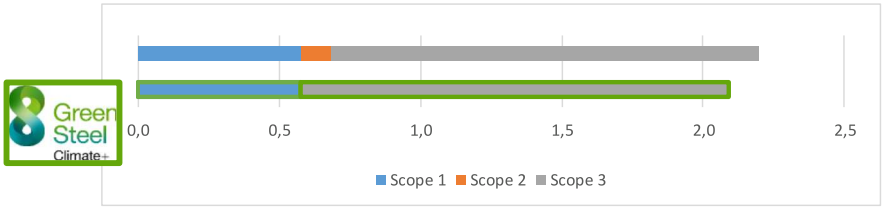
Grade	UGI 4542 quenched and tempered
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,576	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,105	teqCO2/t		2,198	teq CO2/t
Scope 3	1,517	teqCO2/t			
including scope 3.1	*1,286*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,230*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,576	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,092	teq CO2/t
Scope 3	1,517	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

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Scope 3.4 : indirect emissions linked to raw material transportation.
Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	75,91%

UGI 4362

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

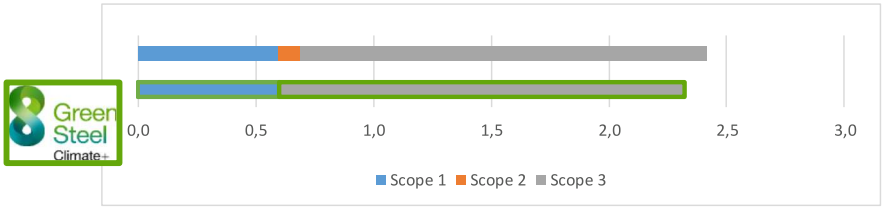
Grade	UGI 4362
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,597	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,094	teqCO2/t		2,415	teq CO2/t
Scope 3	1,724	teqCO2/t			
including scope 3.1	*1,501*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,223*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,597	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,322	teq CO2/t
Scope 3	1,724	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

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Scope 3.3 : indirect emissions linked to the use of energy
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Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	68,56%

UGIMA 4542

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

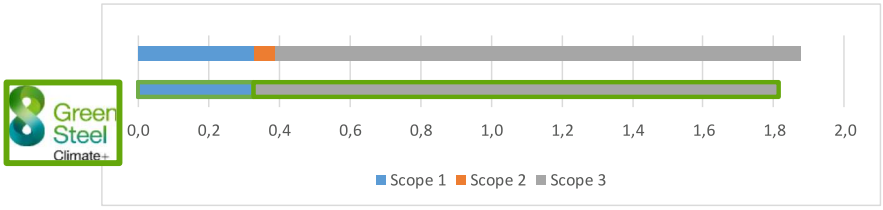
Grade	UGIMA 4542 double aged
Type of product	Drawn bars

CO2 emissions for 1 ton of product

Scope 1	0,328	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,061	teqCO2/t		1,876	teq CO2/t
Scope 3	1,487	teqCO2/t			
including scope 3.1	*1,330*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,158*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,328	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,815	teq CO2/t
Scope 3	1,487	teqCO2/t			



Methodological description

The calculation methodology is based on ISO 14067 on the evaluation of the carbon footprint of products. Scopes definition is from GHG Protocol.

The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

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Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	74,29%

UGIMA 4542

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

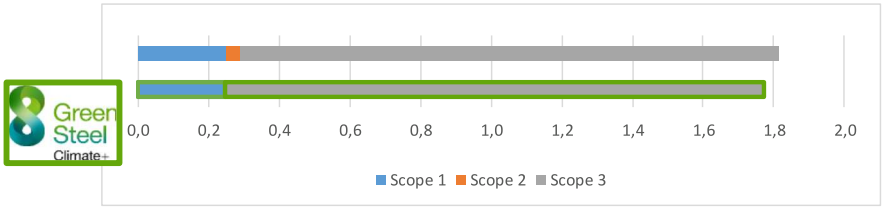
Grade	UGIMA 4542 aged
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,247	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,043	teqCO2/t		1,815	teq CO2/t
Scope 3	1,525	teqCO2/t			
including scope 3.1	*1,394*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,131*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,247	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,772	teq CO2/t
Scope 3	1,525	teqCO2/t			



Methodological description

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Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	74,29%

UGI 4462

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

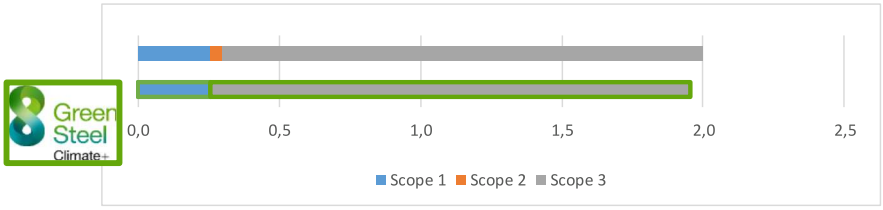
Grade	UGI 4462
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,256	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,043	teqCO2/t		1,999	teq CO2/t
Scope 3	1,701	teqCO2/t			
including scope 3.1	*1,569*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,131*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,256	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		1,956	teq CO2/t
Scope 3	1,701	teqCO2/t			



Methodological description

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The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

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Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	68,76%

UGI 4410

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

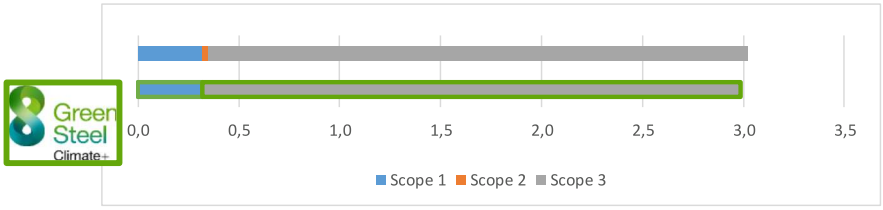
Grade	UGI 4410
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,318	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,033	teqCO2/t		3,020	teq CO2/t
Scope 3	2,669	teqCO2/t			
including scope 3.1	*2,539*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,130*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,318	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,987	teq CO2/t
Scope 3	2,669	teqCO2/t			



Methodological description

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The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

Scope 1 contains the emissions related to the manufacturing of stainless steel, the combustion of natural gas and the emissions related to the internal transportation of the plant.

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Scope 3.5 : indirect emissions linked to wastes
Scope 3.6 : indirect emissions linked to business travel.

The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	51,86%

UGIMA 4460

Swiss Steel Group	Evaluation of CO2 emissions by product and grade	révision	8
		Date	August 25
		Asset	Ugitech

Evaluation for 1 ton of product :

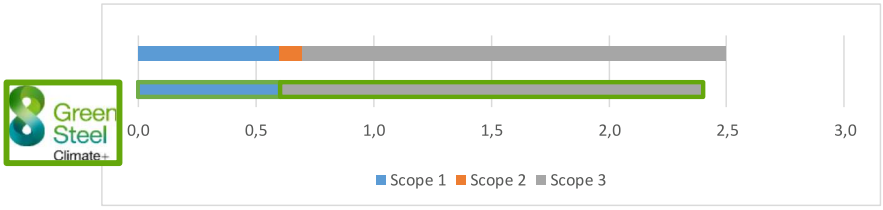
Grade	UGIMA 4460
Type of product	Descaled or Turned and polished or ground bars <55 and >55mm

CO2 emissions for 1 ton of product

Scope 1	0,602	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,094	teqCO2/t		2,495	teq CO2/t
Scope 3	1,799	teqCO2/t			
including scope 3.1	*1,575*	*teqCO2/t*			
scope 3.3 + 3.4 + 3.5 + 3.6	*0,223*	*teqCO2/t*			

CO2 emissions for 1 ton of Green Steel Climate+ product

Scope 1	0,602	teqCO2/t		**TOTAL (Scope 1, 2, 3)**	
Scope 2	0,000	teqCO2/t		2,401	teq CO2/t
Scope 3	1,799	teqCO2/t			



Methodological description

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The calculations were made using Ugitech production avalaible datas. The year 2024 is the baseline when possible.

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The raw materials used correspond to the average for each grade. The main consumables have been taken into account. The energy data is an average over the whole production, depending on the desired product finish.

The emission factors used are those of the European ETS regulation, or French databases (ADEME), or Worldsteel databases. When possible, supplier data can be used.

The emission factor used for electricity is that of the French national data from the IEA in 2024, i.e. 31 kgCO2eq/MWh.

Recycled content

Recycled content represents the % of recycled raw materials used in the product (Swiss Steel Group based on ISO 14021 definition).

	Recycled content	66,53%