

Target communications

Full GHG inventory

UNACOA S.P.A. Consortile performs a full GHG inventory of its scope 1, 2 and 3 GHG emissions on an annual basis. The reporting period of the inventory (scopes 1, 2 and 3) covers calendars year 2019 and 2021.

	MINIMUM BOUNDARY EMISSIONS	MINIMUM BOUNDARY EMISSIONS
	2019 INVENTORY	2021 INVENTORY
SCOPE 1	4.1	4.1
SCOPE 2 LOCATION-BASED	16	16
SCOPE 2 MARKET-BASED	2.5	2.5
1. PURCHASED GOODS AND SERVICES	16,102.18	16,102.18
2. CAPITAL GOODS	N/A	N/A
3. FUEL- AND ENERGY-RELATED ACTIVITIES	1.77	1.77
4. UPSTREAM TRANSPORTATION AND DISTRIBUTION	2,257.60	2,257.60
5. WASTE GENERATED IN OPERATIONS	0.01	0.01
6. BUSINESS TRAVEL	127	127
7. EMPLOYEE COMMUTING	0.24	0.24
8. UPSTREAM LEASED ASSETS	N/A	N/A
9. DOWNSTREAM TRANSPORTATION AND DISTRIBUTION	8,788.00	8,788.00
PROCESSING OF SOLD PRODUCTS USE OF SOLD PRODUCTS	N/A N/A	N/A N/A
12. END-OF-LIFE TREATMENT OF SOLD PRODUCTS	7,597.70	7,597.70
13. DOWNSTREAM LEASED ASSETS	N/A	N/A
14. FRANCHISES	N/A	N/A
15. INVESTMENTS	N/A	N/A
SCOPE 3 FLAG:	15,229.6	14,025.4
1. PURCHASED GOODS AND SERVICES		

Exclusions

No exclusions from the inventory of emissions were made.

Data limitations

The focus of improvement in the next few years will be on:

- the increase of farm sampling for the generation of specific emission factors, and

- the collection of more detailed information for the calculation of distribution-related emissions.

If current values or assumptions are adjusted in any material way, UNACOA S.P.A. Consortile will communicate these changes and perform the corresponding adjustments to the baseline, following our base year emissions recalculation policy.

Targets:

UNACOA S.P.A. Consortile near-term emission reduction targets were approved by the Science Based Targets initiative in 2024. Our approved science-based targets are as follows:

TARGET ID	TARGET TYPE	TARGET WORDING	SCOPES COVERED
ABS1	Absolute (near-term)	<i>UNACOA commits to reduce absolute scope 1 GHG emissions 46.2% by 2030 from a 2019 base year*</i>	1
O1	Renewable electricity	<i>UNACOA commits to increase active annual sourcing of renewable electricity from 85.0% in 2019 to 100.0% by 2030</i>	2
ABS2	Absolute (near-term)	<i>UNACOA commits to reduce absolute scope 3 GHG emissions from upstream transportation and distribution and downstream transportation and distribution 27.5% by 2030 from a 2019 base year</i>	3
O2	Supplier engagement	<i>UNACOA also commits that 80.0% of its suppliers by emissions, covering purchased goods and services, will have science-based targets by 2028</i>	3
//	FLAG target	<i>UNACOA commits to reduce absolute scope 3 FLAG GHG emissions 33.3% by 2030 from a 2019 base year**. Finally, UNACOA commits to maintaining no deforestation across its primary deforestation-linked commodities**</i>	3

**The target boundary includes land-related emissions and removals from bioenergy feedstocks.*

***The target includes FLAG emissions and removals.*



Ferrara, 16.07.2024

Complete wording

Energy and industrial:

UNACOA commits to reduce absolute scope 1 GHG emissions 46.2% by 2030 from a 2019 base year*.

UNACOA commits to increase active annual sourcing of renewable electricity from 85.0% in 2019 to 100.0% by 2030.

UNACOA commits to reduce absolute scope 3 GHG emissions from upstream transportation and distribution and downstream transportation and distribution 27.5% by 2030 from a 2019 base year.

UNACOA also commits that 80.0% of its suppliers by emissions, covering purchased goods and services, will have science-based targets by 2028.

**The target boundary includes land-related emissions and removals from bioenergy feedstocks.*

FLAG:

UNACOA commits to reduce absolute scope 3 FLAG GHG emissions 33.3% by 2030 from a 2019 base year**. Finally,

UNACOA commits to maintaining no deforestation across its primary deforestation-linked commodities.

***The target includes FLAG emissions and removals.*

APPENDIX

UNACOA S.P.A. Consortile has submitted 2 GHG inventories for review by SBTi's Target Validation Team. In the calendar year of 2019 the company has reported a total of 40,082 GHG emissions (tCO₂e) in the full minimum boundary (scopes 1, 2 and 3). In the calendar year of 2021 the company has reported a total of 34,881 GHG emissions (tCO₂e).

UNACOA S.P.A. Consortile has reported no emissions outside of minimum boundary. Additionally, UNACOA S.P.A. Consortile has reported emissions from the combustion, processing and distribution phase of bioenergy and the land use emissions and removals, associated with bioenergy feedstocks.

The full breakdown of UNACOA S.P.A. Consortile's GHG inventory, including biogenic emissions, is provided below.

2021 INVENTORY	MINIMUM BOUNDARY EMISSIONS	SHARE OF TOTAL EMISSIONS (LOCATION-BASED SCOPE 2)	SHARE OF TOTAL EMISSIONS (MARKET-BASED SCOPE 2)
SCOPE 1	4.1	0.01%	0.01%
SCOPE 2 LOCATION-BASED	16	0.05%	N/A
SCOPE 2 MARKET-BASED	2.5	N/A	0.01%
1. PURCHASED GOODS AND SERVICES	16,102.18	46.15%	46.16%
2. CAPITAL GOODS	N/A	N/A	N/A
3. FUEL- AND ENERGY-RELATED ACTIVITIES	1.77	0.01%	0.01%
4. UPSTREAM TRANSPORTATION AND DISTRIBUTION	2,257.60	6.47%	6.47%
5. WASTE GENERATED IN OPERATIONS	0.01	0.00%	0.00%
6. BUSINESS TRAVEL	127	0.36%	0.36%
7. EMPLOYEE COMMUTING	0.24	0.00%	0.00%
8. UPSTREAM LEASED ASSETS	N/A	N/A	N/A
9. DOWNSTREAM TRANSPORTATION AND DISTRIBUTION	8,788.00	25.18%	25.19%
10. PROCESSING OF SOLD PRODUCTS	N/A	N/A	N/A
11. USE OF SOLD PRODUCTS	N/A		N/A
12. END-OF-LIFE TREATMENT OF SOLD PRODUCTS	7,597.70	21.77%	21.78%
13. DOWNSTREAM LEASED ASSETS	N/A	N/A	N/A
14. FRANCHISES	N/A	N/A	N/A
15. INVESTMENTS	N/A	N/A	N/A

2019 INVENTORY	MINIMUM BOUNDARY EMISSIONS	SHARE OF TOTAL EMISSIONS (LOCATION- BASED) scope 2)	SHARE OF TOTAL EMISSIONS (MARKET- BASED) scope 2)
SCOPE 1	4.1	0.01%	0.01%
SCOPE 2 LOCATION-BASED	16	0.05%	N/A
SCOPE 2 MARKET-BASED	2.5	N/A	0.01%
1. PURCHASED GOODS AND SERVICES	16,102.18	46.15%	46.16%
2. CAPITAL GOODS	N/A	N/A	N/A
3. FUEL- AND ENERGY-RELATED ACTIVITIES	1.77	0.01%	0.01%
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PROCESSING OF SOLD PRODUCTS USE OF SOLD PRODUCTS	N/A N/A	N/A N/A	N/A N/A
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