GHG Emission Report, v1.1- ERCILLA

Indicator 1.21.4

Instructions

This template is intended for reporting greenhouse gas emissions results to ASC. The Feed Standard does not prescribe a specific standard or set of methods for generating GHG values. However, suppliers should be aware that the development of the Farm Standard requirements may necessitate the application of specific methods for feed emissions in the future.

Emissions can be reported in either or both columns using a biophysical or economic allocation approach. Emissions results must be provided according to scope (1-3) as well as by input/activity, being general feed ingredient categories and additional transport and milling emissions that aren't otherwise captured within ingredients. 'Transport and milling' emissions should be at least equal to the sum of scope 1 and scope 2 emissions. If possible, emissions should also be broken down by category (fossil, biogenic, or land use change), facilitated by certain databases and assessment methods. Any uncategorized emissions should be reported as 'Unspecified emissions' (If feed suppliers are unable to determine emissions by category, the total of all emissions can be reported as unspecified).

This template is also expected to reflect the resolution of data that feed suppliers will need to provide to farms to satisfy feed-related emissions modeling for the Farm Standard. Feed suppliers should be ready to adjust the composition of ingredients used in calculations to reflect typical compositions of feeds relevant to each producer, whether that is on a producer-level or a general species-level (e.g. average ASC-compliant salmon feed composition), so that relevant emissions estimates are available to aquaculture producers for their own calculations.
Only enter data in blue cells.

Table 1. Production year

Year of production (yyyy)	2025

Table 2. GHG emissions by scope

GHG emissions per tonne of ASC compliant feed (kg CO_2-eq/t)

Emissions scope	**Biophysical (mass) model**	**Economic model**
Scope 1	91	91
Scope 2	0	0
Scope 3	4.186	1549
Total	4277	1640

Table 3. GHG emissions by category

1,5 1,6 1,7

Emissions category	**Biophysical (mass) model**	**Economic model**
Fossil emissions	2310	1102
Biogenic emissions	674	33
Land use change emissions	1293	505
Unspecified emissions	0	0
Total	4277	1640

Table 4. GHG emission by Input / Activity

1,8 1,9 1,11 1,12

Input / Activity	**Quantity (kg/t)**	**Biophysical (mass) model**	**Economic model**
Soy crop inputs	58	257	370
Other crop inputs	515	474	651
Reduction fishery inputs	117	136	109
Fishery by-product inputs	241	0	0
Poultry / livestock inputs	69	3099	164
Other feed inputs	0	133	167
Transport and milling		178	178
Total	1000	4277	1639

Notes

All emissions values must be reported in units of kg CO_2-equivalent per tonne of ASC compliant feed.

Emissions totals for each section should be equivalent.

Total feed input quantity (kg/t) must equal 1000. Use 'Other feed inputs' to make up any difference from 1000 kg. 'Other feed inputs' should also include vitamins, amino acids, and other microingredients.

Transport-related emissions may be difficult to separate from ingredient production and processing emissions, depending on the data source used. Do not include any transport emissions in 'Transport and milling' that are already counted in the emissions of one of the ingredient groups.

GHG Emission Report, v1.1- PARGUA

Indicator 1.21.4

Instructions *This template is intended for reporting greenhouse gas emissions results to ASC. The Feed Standard does not prescribe a specific standard or set of methods for generating GHG values. However, expectations should be aware that the development of the Farm Standard requirements may necessitate the application of specific methods for feed emissions in the future*

Table 1. Production year

Year of production (yyyy)	2025

Table 2. GHG emissions by scope

GHG emissions per tonne of ASC compliant feed (kg CO_2-eq/t)

Emissions scope	**Biophysical (mass) model**	**Economic model**
Scope 1	77	77
Scope 2	0	0
Scope 3	4.462	1670
Total	4539	1747

Table 3. GHG emissions by category

1,5 1,6 1,7

Emissions category	**Biophysical (mass) model**	**Economic model**
Fossil emissions	2379	1068
Biogenic emissions	726	39
Land use change emissions	1434	641
Unspecified emissions	0	0
Total	4539	1748

Table 4. GHG emission by Input / Activity

1,8 1,9 1,11 1,12

Input / Activity	**Quantity (kg/t)**	**Biophysical (mass) model**	**Economic model**
Soy crop inputs	86	371	531
Other crop inputs	499	471	631
Reduction fishery inputs	97	112	90
Fishery by-product inputs	0	0	0
Poultry / livestock inputs	256	3297	173
Other feed inputs	62	118	152
Transport and milling		171	171
Total	1000	4539	1748

Notes

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Total feed input quantity (kg/t) must equal 1000. Use 'Other feed inputs' to make up any difference from 1000 kg. 'Other feed inputs' should also include vitamins, amino acids, and other microingredients.

Transport-related emissions may be difficult to separate from ingredient production and processing emissions, depending on the data source used. Do not include any transport emissions in 'Transport and milling' that are already accounted in the emissions of one of the ingredient sources