



FRIEND OF THE SEA

Sustainable Seafood

FRIEND OF THE SEA CERTIFICATION CRITERIA CHECKLIST FOR SEAWEED PRODUCTS

SEAWEED HARVESTING AND FARMING

(Latest update: 04/02/2014)

Friend of the Sea is a non-governmental organization founded in 2007 whose mission is the conservation of the marine habitat and its resources by means of certification and promotion of certified products from sustainable fisheries and aquaculture.

Friend of the Sea has created a certification program for products from both fishing and sustainable aquaculture. Audits are carried out by independent certification bodies and ensures that the product conforms to the sustainability requirements.

The use of the logo is authorized only following a positive outcome of an audit carried out by the certification body:

Friend of the Sea sustainable seaweed certification covers the following criteria:

1. Management system
2. Legal compliance
3. Biomass and Environmental Impact Assessment
4. Water monitoring
5. Air emissions monitoring
6. Waste management
7. Chemicals and hazardous substances
8. Energy management
9. Social accountability
10. Traceability



FRIEND OF THE SEA

Sustainable Seafood

Each of these criteria include essential or important requirements, or recommendations.

Essential Requirements: Conformity to essential requirements is mandatory for certification. Any shortfall with regard to these requirements is considered as a Major Non-Conformity. Corrective actions must be implemented and compliance to the requirements must be proved within three months from receipt of the Audit Report. Solely for requirements 2.1 and 2.2, in consideration of the complexity of the information to be covered, the term allowed for assessing the nonconformity is extended to 6 months.

Important Requirements: Conformity to Important Requirements is mandatory for certification. Any shortfall with regard to these requirements is considered as a Minor Non-Conformity. Corrective Actions (declaration of intent and plan of action) must be proposed to the Certification Body within three weeks from the date the Audit Report is received. The Organization must include in its proposed Corrective Action a deadline for compliance. The maximum term for the complete implementation of each Corrective Action is one year.

Recommendations: recommendations are not mandatory for certification. Nevertheless compliance will be verified and non-conformity will be reported by the auditor. The enterprise must consequently provide corrective action/s and it must inform the Certification Body, before the following surveillance or renewal audit, about decisions taken and corrective actions carried out.

In case a requirement is not applicable to the audited Organization this will be defined as not applicable (N/A).



FRIEND OF THE SEA

Sustainable Seafood

This document may only be compiled by the Certification body and by the Auditor responsible for the inspection. The form must be compiled in the Auditor's mother tongue or in English if fluent.

a) NAME OF THE ORGANIZATION BEING AUDITED:
b) IS THE ORGANIZATION PART OF A GROUP?
c) ADDRESS OF THE ORGANIZATION BEING AUDITED:
d) SEAWEED COMMON NAME: <i>(e.g.: Dulse)</i>
e) SEAWEED SCIENTIFIC NAME: <i>(e.g.: <i>Palmaria palmata</i>)</i>
f) SITES INCLUDED IN THE AUDIT SCOPE: <i>(list names of sites and location)</i>
g) SITES VISITED BY THE AUDITOR: <i>(sites audited on site)</i>
h) DESCRIPTION OF SEAWEED EXTRACTION: <i>(e.g.: harvested from naturally grown (wild) seaweed; cultivated (farmed); vegetative cultivation or cultivation involving a reproductive cycle; pond; sea-based. Where available include a map)</i>



FRIEND OF THE SEA

Sustainable Seafood

i) DESCRIPTION OF FARMING OR HARVESTING TECHNIQUES:

(Summary of the techniques used farming or harvesting)

j) OPERATIONS OF THE ORGANIZATION BEING AUDITED:

- farming
- harvesting
- pre-processing
- final processing
- importing
- exporting
- distribution
- other (description) :

k) DESCRIPTION OF THE FINAL PRODUCT:

(e.g.: fresh, dried, carrageen, human consumption, fertilizer, animal feed, fish feed, biomass, cosmetics, etc.)

l) FINISHED PRODUCT BRANDS:

(List of brands, if any under which the product is sold. Where available include brand images)

m) DESCRIPTION AND LOCATION OF ANY WAREHOUSE EXTERNAL TO THE AUDIT SITE *(for the purposes of products' traceability)*

n) TOTAL NUMBER OF EMPLOYEES:

Optional

o) ENVIRONMENTAL CERTIFICATIONS AND ACKNOWLEDGEMENTS:

p) ADDITIONAL INFORMATION:



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Sustainable Seafood

- Friend of the Sea project has been introduced**
(If not, auditor should provide short description)

- The Audited company has been informed that in case of approval confirmation, it can use the Friend of the Sea logo on its certified products**

- The Company has handed over a copy of the company organizational chart identifying the role of the staff involved in the audit**

- Audit timing has been agreed upon.**

- Data of Preliminary Information Form have been confirmed: (In case of different info please detail)**

CERTIFICATION BODY:	AUDIT TEAM:	AUDIT START AND END DATE:
SIGNATURE OF AUDITOR:	NAME OF PERSON FROM THE ORGANIZATION, ACCOMPANYING THE AUDITOR:	AUDIT CODE:



FRIEND OF THE SEA

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NOTES FOR THE AUDITOR

- 1) The Auditor must complete all fields of the checklist.
- 2) Instructions for completing the checklist are indicated in blue
- 3) The Auditor must justify in case a requirement is Not Applicable
- 4) The Auditor must answer Yes (Y) when the Organization is compliant with the requirement and No (N) when it is not compliant
- 5) The Auditor must provide comments and explanations for positive or negative responses. Yes, No or Not Applicable are not sufficient
- 6) Any significant documental evidence must be attached to the final audit report in a separate and numbered appendix
- 7) Photographs should be added to the checklist and/or as an annex

1 - MANAGEMENT SYSTEM

No.	Requirement	Level	Y/N	Comments
1.1	A sustainable seaweed organization management system must include the following:			
1.1.1	a manager of the environmental and social management system, with formally defined authority and responsibilities;	Important		
1.1.2	a set of written procedures to ensure compliance with the requirements of this checklist;	Important		
1.1.3	a written record of non-conformities and/or stakeholders' objections;	Important		
1.1.4	a written record of corrective actions implemented as a consequence of 1.1.4;	Important		
1.1.5	a yearly internal review report.	Important		

The Auditor must examine the procedures used by the Organization and report the identification number or code for the given procedure and database

2 - LEGAL COMPLIANCE

No.	Requirement	Level	Y/N	Comments
2.1	Harvesting and farming activities supplying the organization must be carried out in compliance with national and international legislation.	Essential		
2.1.1	Farmers and harvesting suppliers of the organization must have a valid administrative authorization or license, when requested by law.	Essential		
2.1.2	Harvesting suppliers of the organization must comply with quotas or maximum permissible harvesting limits, when requested by law.	Essential		
2.1.3	Harvesting suppliers of the organization must be compliant	Essential		



FRIEND OF THE SEA

Sustainable Seafood

	with minimum harvesting size limits, when requested by law.			
2.1.4	Harvesting suppliers of the organization must be compliant with rotational systems and stock recovery periods, when requested by law.	Essential		
2.1.5	If seaweed is harvested from a shared or common harvest area, documentary evidence shall be available showing that the total harvest complies with national regulations, when in place.	Essential		
2.2	The organization must actively recommend national and international stakeholders to implement regulations to reduce potential environmental impact and risks of seaweed harvesting and farming, according to the best scientific data available.	Recommendation		
<i>The Auditor must provide evidence of compliance to these requirements.</i>				

3 - BIOMASS AND ENVIRONMENTAL IMPACT ASSESSMENT

No	Requirement	Level	Y/N	Comments
3.1	In case of seaweed harvesting activity, an assessment of the status of the seaweed and its biomass by appropriate research institutes or other recognised institutions unconnected to any harvesting and/or processing industries must be undertaken and it must conclude that the seaweed is not overexploited nor endangered.	Essential		
<i>The auditor must make reference to the biomass studies (title, date, author)</i>				
3.2*	This requirement applies to all harvesting operations and to those farming operations producing more than 20 tonnes per year. An Environmental Impact Assessment (EIA) or equivalent assessment of the harvesting or farming activity has been carried out with a positive outcome by the presiding authority or by other recognized independent institute or laboratory.	Essential		
<i>The auditor must check whether an independent environmental impact assessment or equivalent was carried out. The auditor must specify the title, date, author and significant conclusions of the inspected EIA or equivalent document. *In case the Organization is not compliant for 3.1, it must alternatively be compliant to 3.2 and sub requirements.</i>				
*3.3	In case of non-compliance with			



FRIEND OF THE SEA

Sustainable Seafood

No	Requirement	Level	Y/N	Comments
	3.2, farming activities producing more than 20 tonnes per year must alternatively be compliant with the following requirements:			
3.3.1	sea-based systems must not imply removal of rocks, corals or other obstructions leading to damage to the coastal ecosystem;	Essential		
3.3.2	sea-based systems must not imply removal of competitive grasses or predators leading to damage to the coastal ecosystem;	Essential		
3.3.3	large scale sea-based farms must not influence coastal water movement in a detrimental way. Protection from erosion or other positive impacts would not constitute a non-compliance with this requirement;	Essential		
3.3.4	any multiuser conflict must have been solved positive and allow other users access to the sea and to the shore.	Essential		
3.3.5	a careful assessment of potential impacts must precede the introduction of any non-native species.	Essential		
3.3.6	removal of mangroves for farming purposes is prohibited. In case removal has occurred, a reforestation program must fully compensate the mangroves degradation occurred and caused by the seaweed farming activity.	Important		
3.3.7	carrying capacity must have been independently evaluated, considering in particular the potential impact of nutrients removal.	Important		
<p><i>The auditor must acquire documented information and evidence (text, photos, official documents to be annexed to the audit report) of the environmental conditions of the ecosystem prior to the installation and assess whether the site has led to a negative impact on the ecosystem.</i></p>				
3.4	In case of farming operations of less than 20 tonnes each per year, but more than 20 tonnes on a regional or national level , a regional or national level independent assessment must prove compliance with requirements 3.3 and sub. The study cannot be older than 5 years.	Important		
<p><i>The auditor must make reference to the regional or national level assessment. The auditor must run sample onsite checks at small scale producers and produce / report evidence of compliance.</i></p>				



FRIEND OF THE SEA

Sustainable Seafood

4 - WATER MONITORING

No	Requirement	Level	Y/N	Comments
4.1	In farming facilities on land (Pond farming) where external nutrient sources are used and producing more than 20 tonnes per year , the nutrient levels in the effluent water shall be verifiably the same, or lower, than the inflowing water. Compliance with this requirement will be proved via independent laboratory analysis carried out at least annually, showing a non-significant variation of the following parameters:			
4.1.1	communities of benthic macro invertebrates;	Essential		
4.1.2	nitrogen and phosphorus content;	Essential		
4.1.3	oxygen concentration;	Essential		
4.1.4	increase of sedimentation and the granulometric variation;	Essential		
4.1.5	deposits of organic matter.	Essential		
<i>The Auditor must examine the procedure relating to the frequency and method of monitoring and shall record the number of the procedure and the relative manual. The Auditor must examine previous annual analyses of water and sediments.</i>				
4.2	In case of farming operations of less than 20 tonnes each per year, but more than 20 tonnes on a regional or national level , a regional or national level independent assessment must prove compliance with requirements 4.1 and sub. The study cannot be older than 5 years.	Essential		
<i>The auditor must make reference to the regional or national level assessment. The auditor must run sample onsite checks at small scale producers and produce / report evidence of compliance.</i>				
4.3	Seaweed processing facilities and the organization itself must provide evidence of water effluents compliance with existing regulation.	Essential		
<i>The auditor must report evidence of legal compliance with water quality and emissions regulations</i>				

5 - AIR EMISSIONS MONITORING

No	Requirement	Level	Y/N	Comments
5.1	Seaweed processing facilities and the organization itself must provide evidence of its air emissions	Essential		



FRIEND OF THE SEA

Sustainable Seafood

	compliance with existing regulation.			
<i>The auditor must report evidence of legal compliance with air quality and emissions regulations</i>				

6 - WASTE MANAGEMENT

No	Requirement	Level	Y/N	Comments
6.1	Ropes and other equipment used for growing and processing seaweed shall be re-used or recycled where possible.	Important		
<i>The Auditor should provide documental and photographic evidence of compliance.</i>				
6.2	Seaweed processing facilities and the organization itself must provide evidence of waste management compliance with existing regulation.	Essential		
<i>The auditor must report evidence of legal compliance with waste management regulations</i>				

7 - CHEMICALS AND HAZARDOUS SUBSTANCES

No	Requirement	Level	Y/N	Comments
7.1	The use of toxic and persistent chemical compounds (e.g. TBTs, Malachite Green, DDT) is not permitted. The use of hazardous substances must be carried out in compliance with safety regulations.	Essential		
7.2	Use of chemicals, such as Formaldehyde and slaked lime is permitted only when an independent assessment has proved their impact on the environmental to be sustainable.	Essential		
7.3	Bio-fouling organisms shall be removed only by physical means or by hand and where appropriate returned to the sea at a distance from the farm. Cleaning of equipment and facilities shall be carried out by physical or mechanical measures.	Essential		
<i>The Auditor must examine the procedures for the use of chemicals and hazardous substances and indicate the number of the procedure. In addition the Auditor must also verify their conformity during the inspection.</i>				

8 - ENERGY MANAGEMENT

No	Requirement	Level	Y/N	Comments
8.1	The organization must maintain a	Important		



FRIEND OF THE SEA

Sustainable Seafood

	record of energy consumption updated at least annually.			
8.2	The organization should calculate its non-renewable energy consumption per unit of product and undertake to reduce it annually.	Recommendation		
8.3	The organization and its suppliers shall, by preference, use renewable energy sources.	Recommendation		

The Auditor must obtain copies of the records.

9 - SOCIAL ACCOUNTABILITY

No	Requirements	Level	Y/N	Comments
9.1	The Organization must respect human rights by conforming to the following requirements :			
9.1.1	ILO Co10 Minimum Age in Agriculture: "Article 1 Children under the age of fourteen years may not be employed or work in any public or private agricultural undertaking, or in any branch thereof, save outside the hours fixed for school attendance. If they are employed outside the hours of school attendance, the employment shall not be such as to prejudice their attendance at school."	Essential		
9.1.2	remunerating workers with salaries conforming at least to the legal minimum	Essential		
9.1.3	assuring workers' access to medical care	Essential		
9.1.4	applying safety measures in accordance with legal requirements	Essential		
9.2	The organization should be SA8000 certified	Recommendation		

The Auditor must check conformity to requirements via documental evidence (examples of labour contracts) and on site observations

9.3	In case of farming operations of less than 20 tonnes each per year, but more than 20 tonnes on a regional or national level , a regional or national level independent assessment must prove compliance with requirements 9.1 and sub. The study cannot be older than 5 years.	Essential		
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FRIEND OF THE SEA

Sustainable Seafood

10 - TRACEABILITY

No	Requirement	Level	Y/N	Comments
10.1	The enterprise must have a system that allows verification that certified products originate from approved installations and that there is no possibility of interchange or mixing with products from non-approved installations.	Essential		

Additional comments:

CONCLUSIONS:

It is important that the Auditor also completes the following fields

- The Organization's products **CONFORM** to Friend of the Sea requirements.
- The Organization's products **DO NOT CONFORM** to Friend of the Sea requirements.
The Auditor has found the following nonconformities:

MAJOR NONCONFORMITY (to conform within 3 months)

Specify

MINOR NONCONFORMITY (proposal within 3 weeks and conformity within 1 year)

Specify

RECOMMENDATIONS (notification before the subsequent inspection)

Specify