

Responsible Aquaculture needs Responsible Feed

責任ある養殖は、責任ある飼料
から

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Pacific

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**Setting The
Standard for
Seafood**



ASC in a Mussel Shell

ASCの概要

- **Independent non-profit organisation**, founded in 2010
 - 2010年に設立された独立非営利団体
- Committed to continuous improvement of **seafood farming** practices towards **environmental** and **social sustainability**
 - サステナブルな環境・社会に配慮した養殖の継続的改善に取り組む
- **Impact-focused**, setting limits and targets driving measurable change
 - 測定可能な変化を生むための目標と基準を設定
- **Species-specific** requirements
 - 魚種ごとの具体的な要求事項
- **Unmatched transparency**, fostering accountability and trust
 - 比類ない透明性で責任と信頼を促進

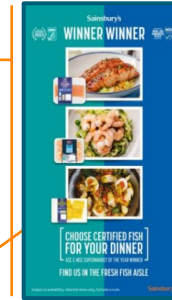


**Setting The
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Driving Demand for ASC Labelled Seafood - ASCラベルの需要拡大

Via consumer campaigns in 20 key markets across the globe

- 世界20市場で消費者キャンペーンを展開



Setting The Standard for Seafood

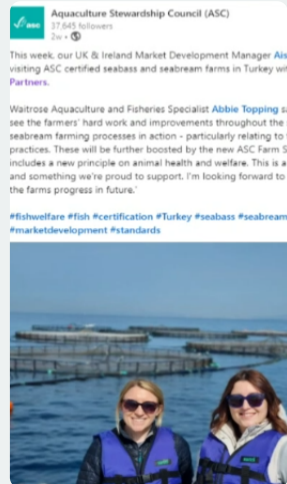
And B2B Engagement Tools - B2Bエンゲージメントツール



Annual ASC Awards

eg. in the UK, in Australia and in Germany

例：英国、オーストラリア、ドイツ



Retail farm visits showcasing ASC in practice

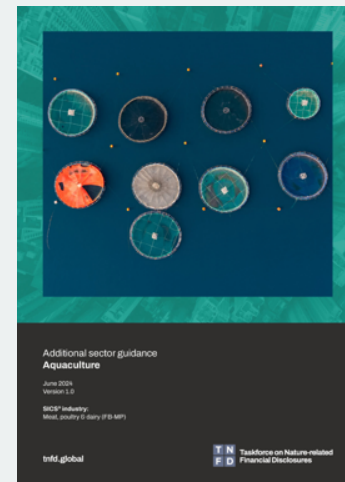
小売業者向け養殖場見学
で、ASCの取り組みを紹介



B2B events

Networking & agenda setting

B2Bイベント：
ネットワーキングと方向性作り



Finance sector

Using ASC for de-risking

金融セクター：ASCでリスク低減



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ASC offers Full Supply Chain Coverage... - ASCはサプライチェーン全体をカバー

...from feed ingredients to final product - 飼料原料から最終製品まで



Ingredient Suppliers



Feed Mills



Seafood Farmers



Seafood Processors



Seafood Packaging



Retailer and Food Service Provider



ASC
Feed Standard
ASC飼料基準

Mandatory for ASC
certified farms from
October 31 2025



ASC
Farm Standard
ASC養殖場基準

Launched
May 2025
Mandatory
May 2027



MSC Chain of Custody
Standard and ASC Module
CoC基準とASCモジュール

Social requirements included **2027**

社会的要件：2027年導入



ASC Label
ASCラベル

ASC認証養殖場：
2025年10月31日から必須

発効：2025年5月
義務化：2027年5月



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Why the focus on feed? - 飼料に焦点を当てる理由

>75% marine ingredients
(fishmeal and fish oil) globally
are used to produce aquafeed

世界の水産飼料の75%以上は
魚粉・魚油などの海洋原料

Up to **80% of carbon footprint** of
seafood farming is in feed.
**Deforestation and land
conversion** is the biggest driver

水産養殖のCO₂の最大80%は飼料由来。
森林破壊・土地転用が最大の要因

A feed mill site
employs **>6x people**
on average than a farm
site.

飼料工場は養殖場の
6倍以上の従業員



Feed is typically the highest input cost
for a farmer – on average **>50% of a
farm's total production cost**

飼料は養殖場の最大コスト
総生産費の50%超

Feed ingredient
supply chains carry
social risks and
have
environmental
impact

飼料原料のサプライチェーンは
社会的リスクと環境影響を伴う

飼料：解決すべき大きなインパクト

The ASC Feed Standard goes beyond - ASC飼料基準・その先へ

- ✓ **Holistic approach:** Prescriptive due diligence for all ingredients >1% on social, environmental and legal risks
 - 包括的アプローチ：全原料（1%以上）に対する社会・環境・法的リスクの規定型デューデリジェンス
- ✓ **Tackles deforestation and land conversion (legal and illegal) of crops in feed, not just soy and palm oil**
 - 飼料原料の作物による森林破壊・土地転用（合法・違法）に対応、大豆・パーム油に限定せず
- ✓ **Time-bound improvement targets for marine ingredients (towards MSC)**
 - 海洋原料の期限付き改善目標（MSCを目標）
- ✓ **Public Supplier Code of Conduct covering social and environmental impacts two steps upstream**
 - サプライヤー行動規範により2段階まで社会・環境影響を確認



A Pain and a Gain for Feed mills - 飼料工場の課題とメリット

Driving business change upstream & downstream

- サプライチェーン全体でのビジネス変革

*“Since undergoing the certification process, we now have **better traceability**, a better understanding of what is in feed and the **risks associated with these ingredients**”*

「認証取得で飼料の追跡性と原料リスクの理解が向上」

Jorge Diaz - Global Sustainability Manager, Skretting

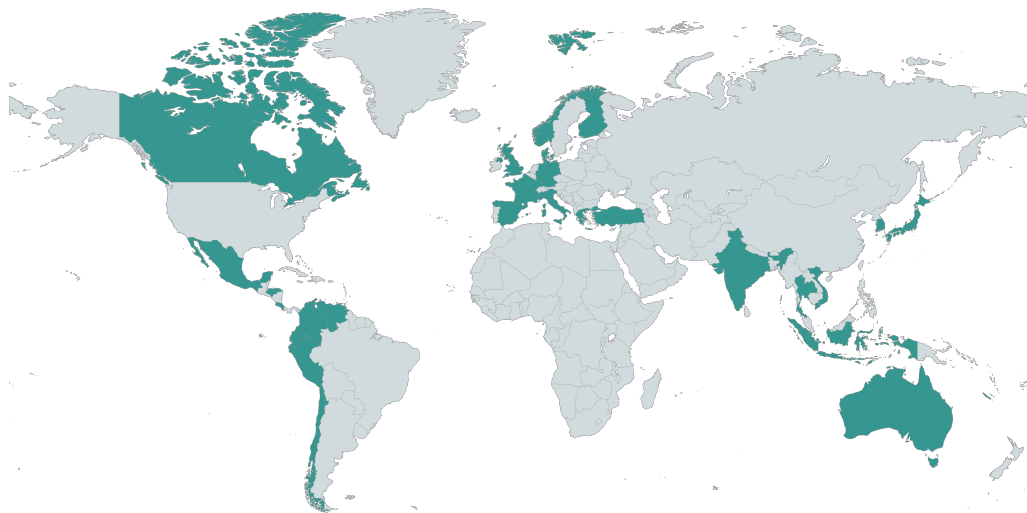


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100 feed mills in ASC programme

➤ ASCプログラムに参加する飼料工場100か所



46

Feed mills certified - 認証取得済み飼料工場

54

Feed mills in initial audit - 審査中飼料工場



“The **ASC Feed Standard** is one of the most comprehensive solutions to tackle the challenges in shrimp feed.”

「ASC飼料基準は、エビ飼料の課題に対応する包括的な基準です」

Sainsbury's

"The **ASC Feed Standard** extends responsible practices beyond the farms to feed mills and their ingredient supply chains."

「ASC飼料基準は、養殖場から飼料工場・原料チェーンまで責任ある取り組みを拡大」



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CHANGE

This is only the beginning ...

これはほんの始まり...



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