

Sustainable Seafood

One to One Meeting Bangkok 9-12 Nov 2015

25 Years Anniversary! 1990-2015



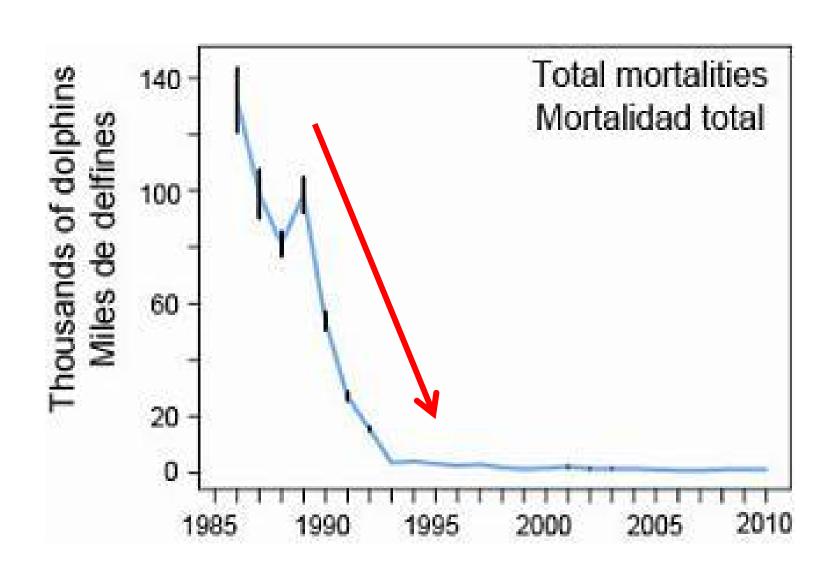


Earth Island Institute

Conservation, Preservation, Restoration

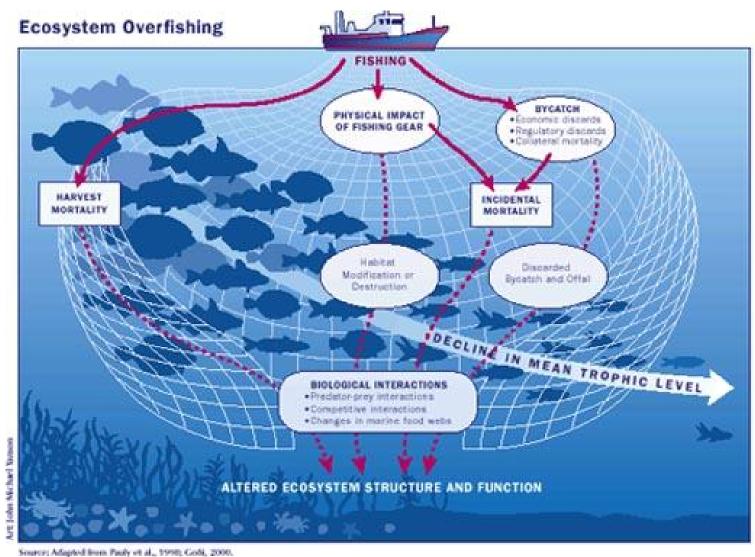
98% Decrease in Dolphin-Mortality

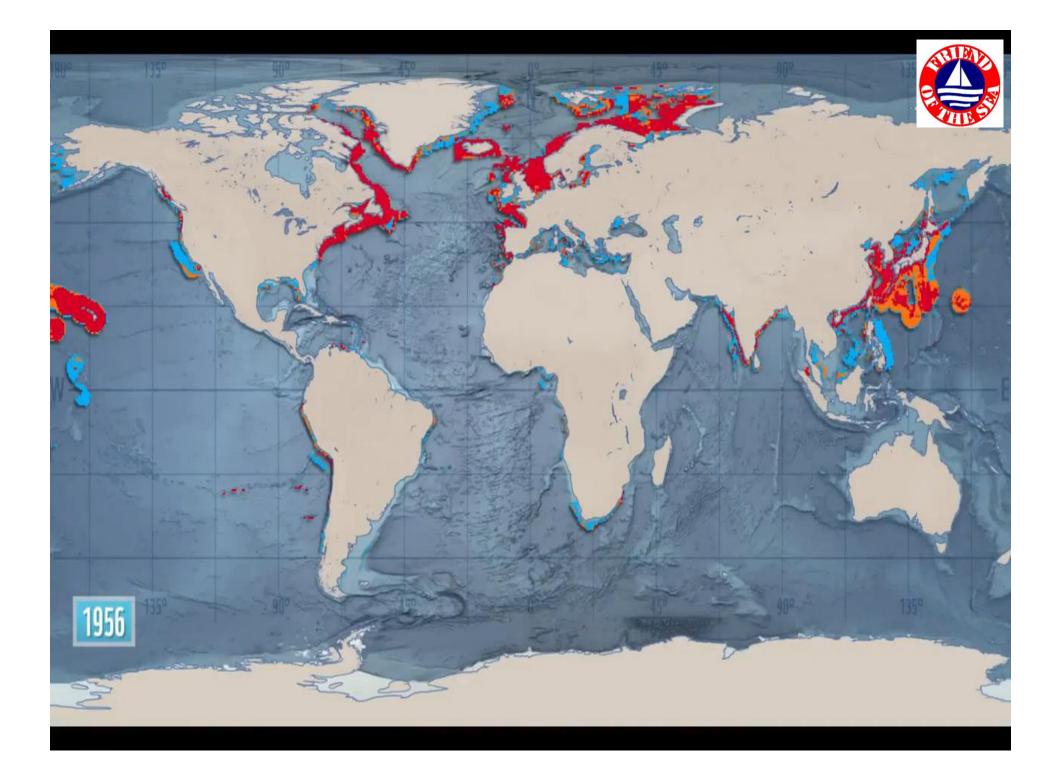




Fisheries potential environmental impact

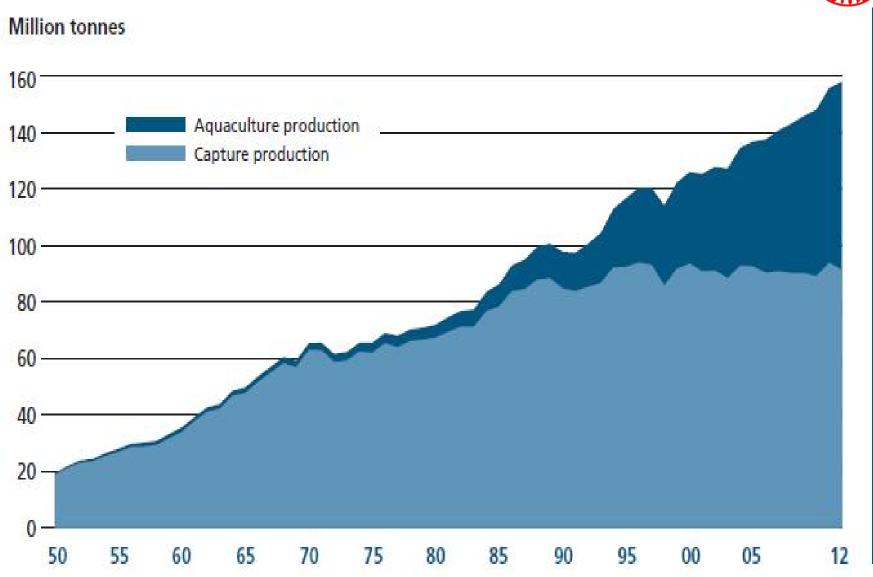






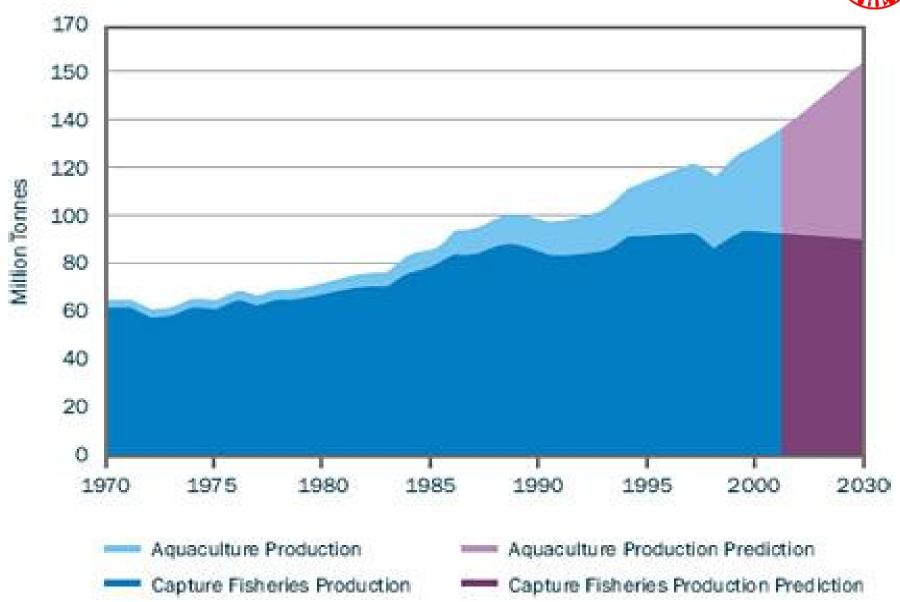
World capture fisheries and aquaculture production





WORLD FISH PRODUCTION





Aquaculture Potential Environmental Impacts



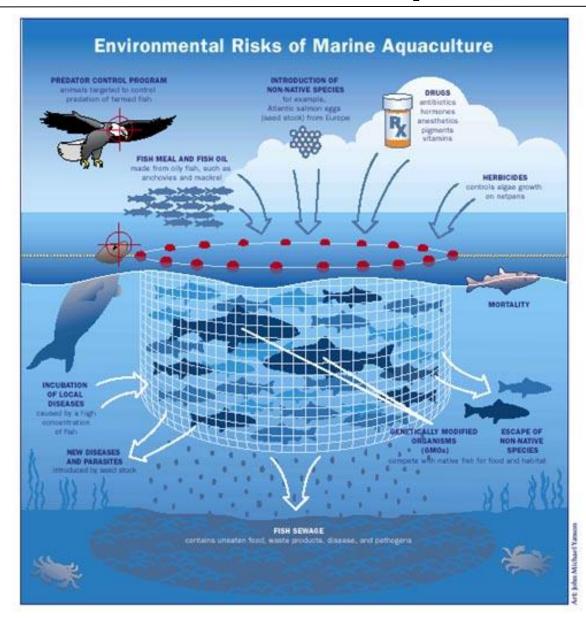




Table 2: Changes in numbers of species in the threatened categories (CR, EN, VU) from 1996 to 2014 (IUCN Red List version 2014.3) for the major taxonomic groups on the Red List



Changes in number of threatened species from year to year should not be directly interpreted as trends in the status of biodiversity. The figures displayed below reflect increased assessment efforts by IUCN and its Partners over time, rather than genuine changes in numbers of threatened species. For a clearer view of genuine trends in the status of biodiversity please refer to the IUCN Red List Index (see the section <u>Trends in the status of biodiversity</u> on the IUCN Red List website: http://www.lucnrediist.org/about/summary-statistics#TrendsInBiodiversityStatus).

					Criti	cally Er	danger	ed (CR)						
Group	1996/98	2000	2002	2003	2004	2006	2007	2008	2009	2010	2011	2012	2013	2014
Mammals	169	180	181	184	162	162	163	188	188	188	194	196	196	213
Birds	168	182	182	182	179	181	189	190	192	190	189	197	198	213
Reptiles	41	56	55	57	64	73	79	86	93	106	137	144	164	174
Amphiblans	18	25	30	30	413	442	441	475	484	486	498	509	520	518
Fishes	157	156	157	162	171	253	254	289	306	376	414	415	413	443
Insects	44	45	46	46	47	68	69	70	89	89	91	119	125	168
Molluscs	257	222	222	250	265	265	268	268	291	373	487	549	553	576
Plants	909	1,014	1,046	1,276	1,490	1,541	1,569	1,575	1,577	1,619	1,731	1,821	1,957	2,119

						Endan	gered (E	N)						
Group	1996/98	2000	2002	2003	2004	2006	2007	2008	2009	2010	2011	2012	2013	2014
Mammais	315	340	339	337	352	348	349	448	449	450	447	446	447	477
Birds	235	321	326	331	345	351	356	361	362	372	382	389	397	419
Reptiles	59	74	79	78	79	101	139	134	150	200	284	296	329	356
Amphiblans	31	38	37	37	729	738	737	755	754	758	764	767	783	789
Fishes	134	144	143	144	160	237	254	269	298	400	477	494	530	587
Insects	116	118	118	118	120	129	129	132	151	166	169	207	247	270
Molluscs	212	237	236	243	221	222	224	224	245	328	417	480	486	501
Plants	1,197	1,266	1.291	1.634	2.239	2,258	2.278	2.280	2.316	2.397	2.564	2,655	3,009	3.231

						Vulne	rable (VI	J)						
Group	1996/98	2000	2002	2003	2004	2006	2007	2008	2009	2010	2011	2012	2013	2014
Mammals	612	610	617	609	587	583	582	505	505	493	497	497	500	509
Birds	704	680	684	681	688	674	672	671	669	678	682	727	713	741
Reptiles	153	161	159	158	161	167	204	203	226	288	351	367	386	397
Amphiblans	75	83	90	90	628	631	630	675	657	654	655	657	647	650
Fishes	443	452	442	444	470	681	693	717	810	1,075	1,137	1,149	1,167	1,192
Insects	377	392	393	389	392	426	425	424	471	478	481	503	524	555
Molluscs	451	479	481	474	488	488	486	486	500	587	769	828	859	873
Plants	3,222	3,331	3,377	3,864	4,592	4,591	4,600	4,602	4,607	4,708	4,861	4,914	5,099	5,234



Home > Huso huso (Beluga, European Sturgeon, Giant Sturgeon, Great Sturgeon)



Huso huso



NOT EVALUATED	DATA DEFICIENT	LEAST CONCERN	NEAR THREATENED	VULNERABLE	ENDANGERED	<pre>< CRITICALLY ></pre>	EXTINCT IN THE WILD	EXTINCT
NE	DD	LC	NT	VU	EN	CR	EW	EX

© International Sturgeon Research

Home > Anguilla anguilla (European Eel)



Anguilla anguilla

-	NOT EVALUATED	DATA DEFICIENT	LEAST CONCERN	NEAR THREATENED	VULNERABLE	ENDANGERED	<pre>< CRITICALLY ></pre>	EXTINCT IN THE WILD	EXTINCT
	NE	DD	LC	NT	VU	EN	CR	EW	EX

© Janez Gregori

Home > Mustelus fasciatus (Striped Dogfish, Striped Smooth-hound)



Mustelus fasciatus

NOT EVALUATED	DATA DEFICIENT	LEAST CONCERN	NEAR THREATENED	VULNERABLE	ENDANGERED	<pre>CRITICALLY ENDANGERED></pre>	EXTINCT IN THE WILD	EXTINCT
NE	DD	LC	NT	VU	EN	CR	EW	EX

Palombo striato

Home > Thunnus maccoyii (Southern Bluefin Tuna)



Thunnus maccoyii

DATA DEFICIENT

DD

LEAST CONCERN

LC

NEAR THREATENED

NT



© lan Gordon Auscape International

Home > Pristis pectinata (Smalltooth Sawfish, Wide Sawfish)

NOT EVALUATED



Pristis pectinata

NOT EVALUATED	DATA DEFICIENT	LEAST CONCERN	NEAR THREATENED	VULNERABLE	ENDANGERED	<pre>< CRITICALLY ENDANGERED></pre>	EXTINCT IN THE WILD	EXTINCT
NE	DD	LC	NT	VU	EN	CR	EW	EX

VULNERABLE

VU

EN

© Sun International Resorts, Inc.

Home > Acipenser baerii (Siberian Sturgeon)



© Juan Manuel Borrero (www.borrero.eu)

Acipenser baerii

Ī	NOT EVALUATED	DATA DEFICIENT	LEAST CONCERN	NEAR THREATENED	VULNERABLE	⟨ENDANGERED⟩	CRITICALLY ENDANGERED
Ī	NE	DD	LC	NT	VU	EN	CR

Home > Monachus monachus (Mediterranean Monk Seal)



Monachus monachus



Home > Dipturus batis (Blue Skate, Flapper Skate, Grey Skate)



Dipturus batis

NOT EVALUATED	DATA DEFICIENT	CONCERN	NEAR THREATENED	VULNERABLE	ENDANGERED	<pre>CRITICALLY ENDANGERED></pre>	EXTINCT IN THE WILD	EXTINCT
NE	DD	LC	NT	VU	EN	CR	EW	EX

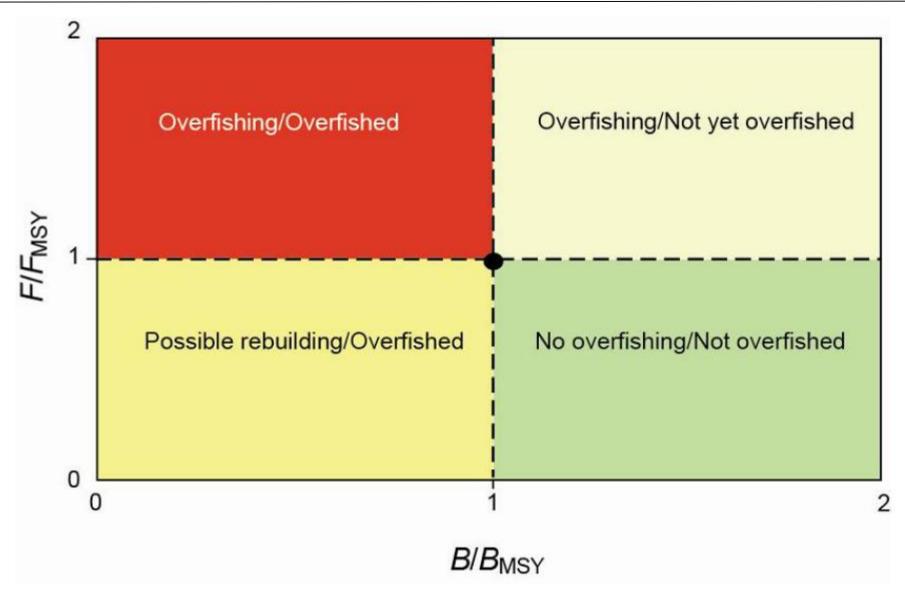
Home > Phocoena sinus (Cochito, Gulf Of California Harbour Porpoise, Gulf Of California Porpoise, Gulf Porpoise, Vaquita)



Phocoena sinus

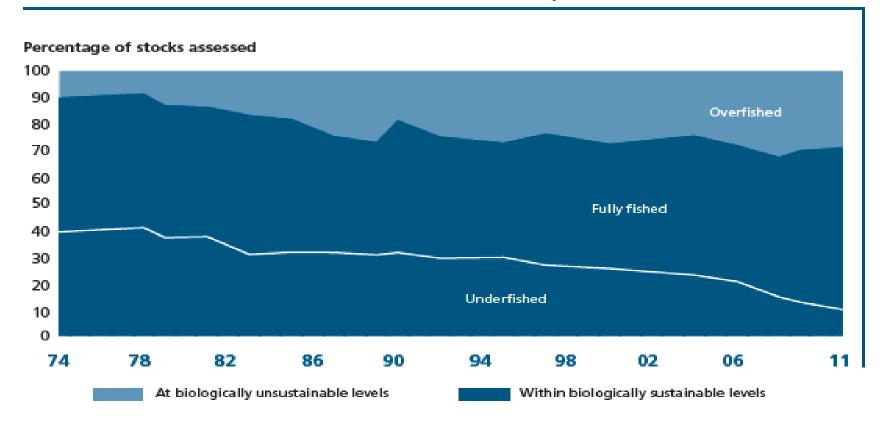








Global trends in the state of world marine fish stocks, 1974-2011

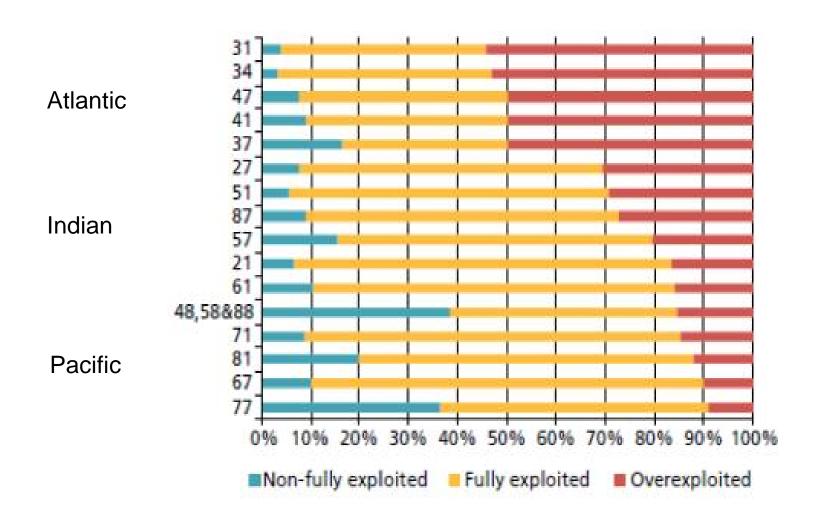


Notes: Dark shading = within biologically sustainable levels; light shading = at biologically unsustainable levels. The light line divides the stocks within biologically sustainable levels into two subcategories: fully fished (above the line) and underfished (below the line).

State of the Stocks per Ocean

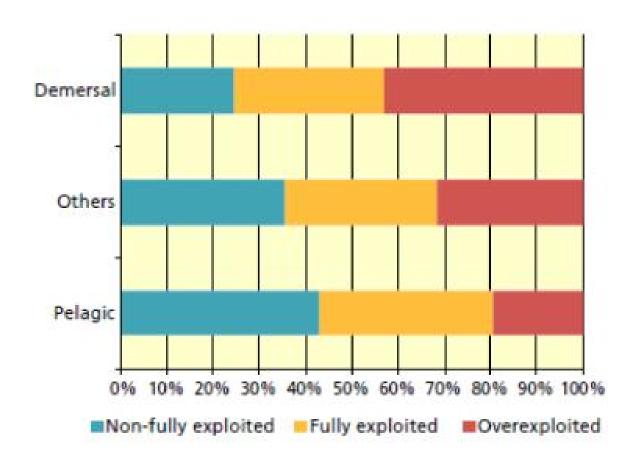


Percentages of Fish Stocks in Different Status by Major Fishing Areas in 2009





Percentages of Fish Stocks in Different Status by Three Groups in 2009



AUSTRALIA – Stocks Status



Stock Status Classification Summary of the Stocks in the Status of Key Australian Fish Stocks Reports 2012, and the Proportion of the Catch of All Species Considered in the Reports

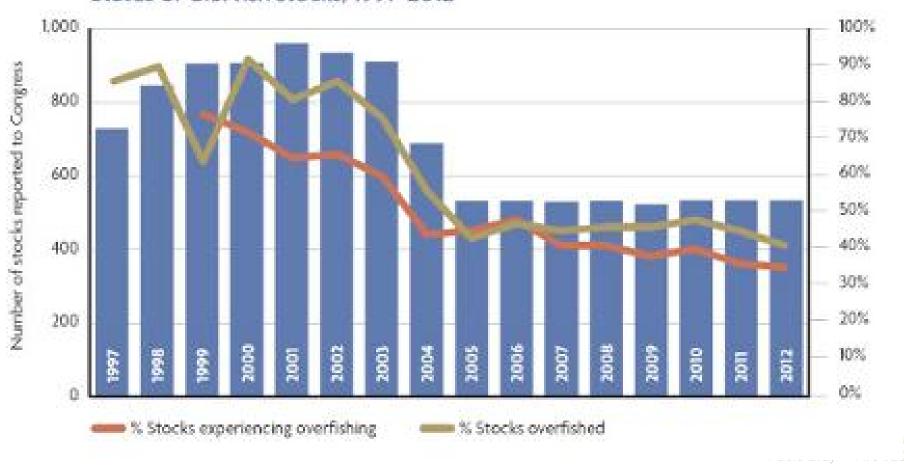
			Number of	stocks		Catch ('000 t)	% of the total catch of species considered
		Biological stock	Management unit	Jurisdiction	Total stocks		
Sustainable stock		53	35	10	98	109.8	90.6
Transitional-recovering stock	1	5	2	1	8	0.9	0.7
Transitional-depleting stock	4	3	0	0	3	0.8	0.7
Overfished stock		2	0	0	2	4.3	3.5
Undefined stock		18	8	13	39	5.4	4.5
Total		81	45	24	150	121.2°	100

a The total does not include international catches (i.e. catch taken outside Australian waters by countries other than Australia) of the four tuna and billfish species.

USA – Stocks Status







Tuna Stock Status



Only 3-8% of tuna stocks are overfished

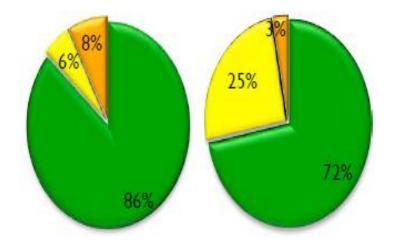


Figure 2. Distribution of stocks of major commercial tunas according to abundance ratings (left) and fishing mortality ratings (right). The percentages correspond to the total catch of all stocks with a given ranking.

Environmental impact of Fishing Gears

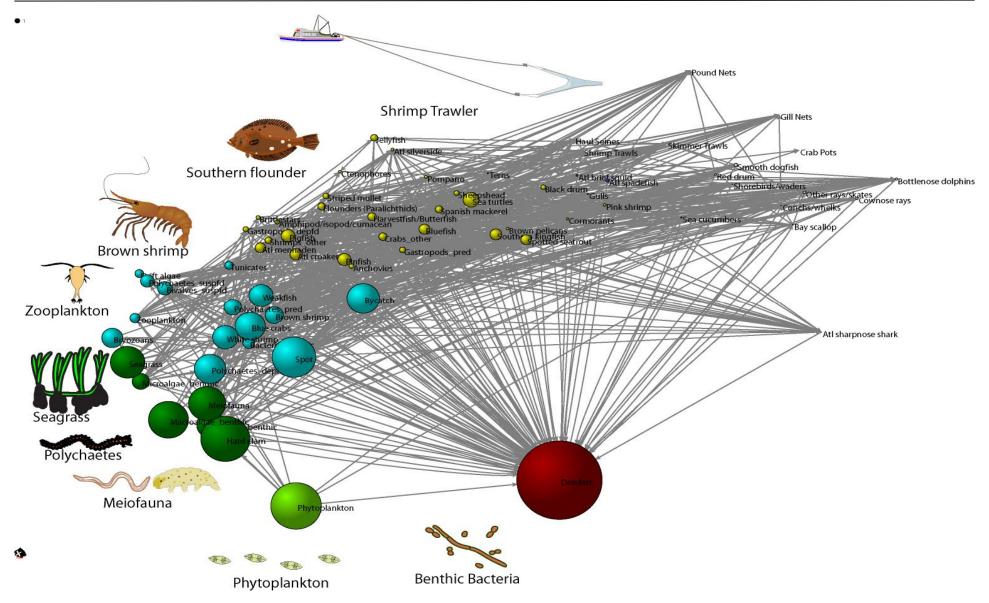


	HABITAT I	IMPACTS		В	YCATCH			
GEAR CLASS	Physical	Biological	Shellfish & crabs	Finfish	Sharks	Marine mammals	Sea birds & turtles	MANAGEMENT CATEGOR (Policy responses)
Trawls – bottom	5	5	3	5	2	2	2	
Gillnets – bottom	3	2	1	4	3	4	3	HIGH IMPACT
Dredges	5	5	4	2	1	1	110	(Very Stringent)
Gillnets – midwater	1	1	.1	4	4	5	5	
Pots and traps	3	2	4	2	1	3		MEDIUM IMPACT
Longlines – pelagic	1	1	1	3	4	3	5	(Moderately
Longlines – bottom	2	2	1	4	3	1	2	Stringent)
Trawls – midwater	1	1	1	3	2	2	2	
P <mark>urse seine</mark> s	1	1	1	2	2	3	2	LOW IMPACT (Least Stringent)
Hook and line	1	1	1	2	3	1	2	(cease ouringent)



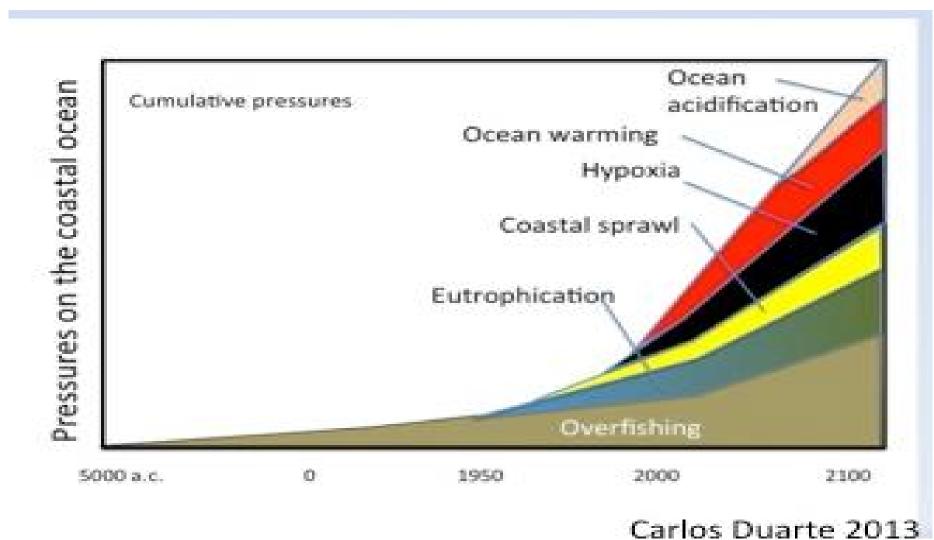
Ecosystem Approach





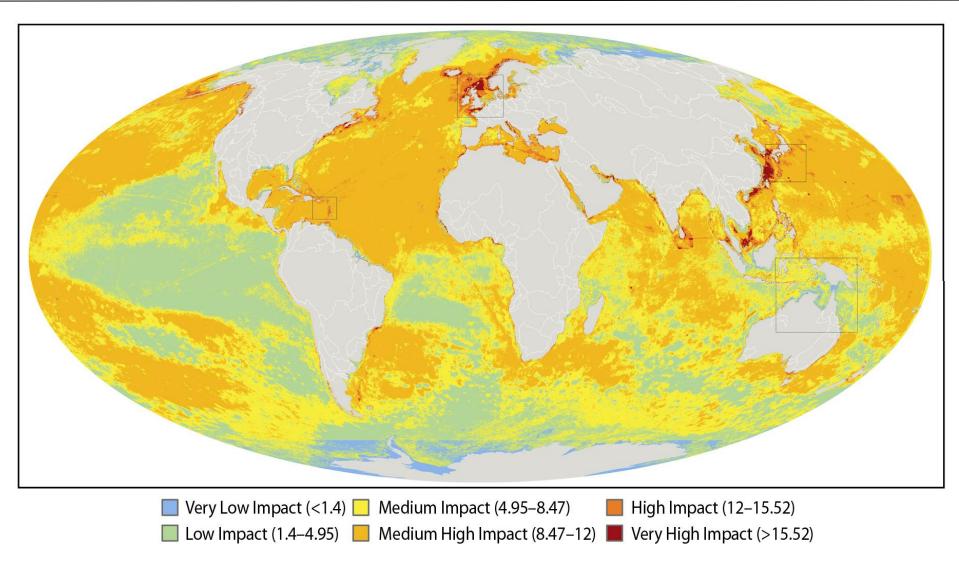
Ecosystem Approach





Ecosystem Approach





FRIEND OF THE SEA



Sustainable Seafood

Established 2008

Certification of Products from Sustainable Fisheries and Aquaculture







Fish, preserves



Fish, canned



Fish, smoked



Fish, frozen



Sushi



Seafood



Eggs, caviar



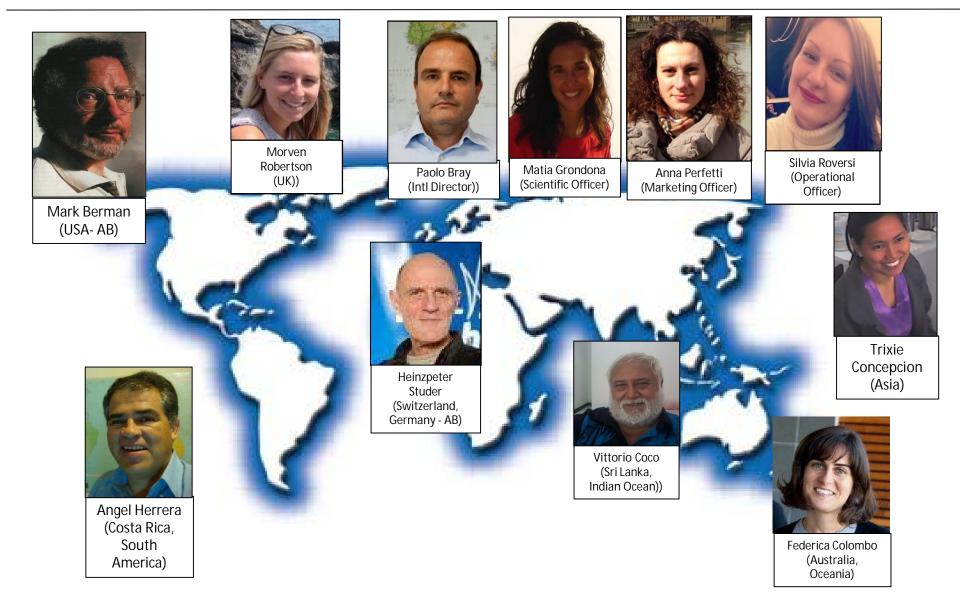
Fish Oils



Fishmeal

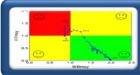
Friend of the Sea – Who we are





Sustainable FISHERIES criteria





Target Stock Not Overexploited (FAO Guidelines)



Selective Fishing Method (max. 8% discard)



No IUCN Redlist Bycatch (Vulnerable up)



Fishing Method cannot impact the Seabed (FAO Guidelines)



Compliance with Legal Req. (TAC, no IUU, etc) (FAO Guidelines)



Social Accountability



Yearly Fuel Efficiency Improvement



FOS Sustainable AQUACULTURE criteria



GLOBALG.A.P.



Environmental Impact Assessment. No impact on critical habitats (mangroves, wetlands, etc)



No Fish Escapes nor Bycatch of MMammals or Birds



No G Hormones, No Toxic Antifouling Paints



FOS certified Feeds or Trimmings / Bycuts



Waste, Energy and Feeds Management and Control



Social Accountability



Yearly fuel efficiency improvement

FOS Sustainable AQUACULTURE criteria



GLOBALG.A.P. GLOBALG. Responsibly Farmed GGN 1234567891234 www.friendofthesea.org

Accreditation and Certification



Scheme Owner

FRIEND OF THE SEA

Sustainable Seafood



Certification Bodies



Immediately recognized by all other EU AB





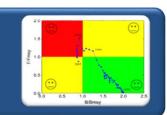


Certification Process – The Audit





(Certification Body)



On-Site Audit at unloading (min size, mesh size, VMS, bycatch quantity and quality, logbook, etc)

(Certification Body)



Traceability

(Certification Body)



Surveillance Audit (Certification Body) [once a year]

Chain of Custody (onsite monitoring program, CB) [ongoing/permanent]

(FOS



International Onboard Observers Program





Closed Circuit TV – Indian/Pacific Oceans









CCTV FAD/FREE

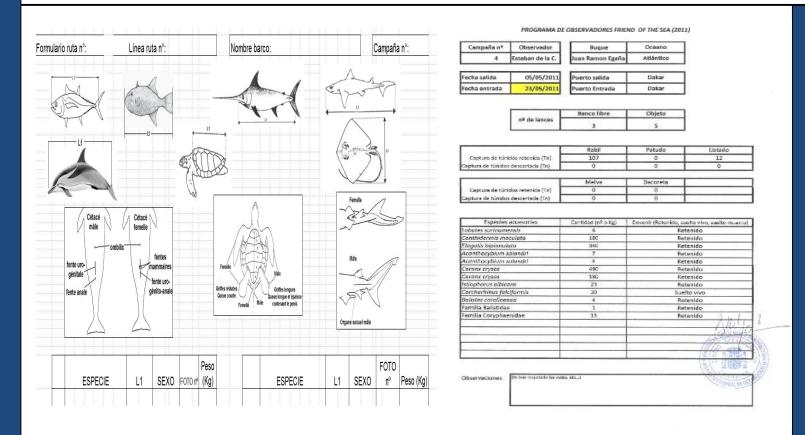






100% Onboard Observers Coverage





- -Negligible turtles bycatch. All released alive
- -0,025% Shark bycatch. 50% released alive

Benchmarks score FOS #1



Fisheries Benchmark	FOS	MSC	ASC / WWF	IFFO	ВАР	Freedom Food	Whole Foods	Naturland (Bio)	GAA	Global Gap	Marks & Spencer
Froese, Proelss	81% of FOS approved fisheries for which benchmark had data for were deemed Not Overexploited.	Only 61% of MSC certified fisheries for which benchmark had data for were deemed Not Overexploited.									
Food & Water Watch Europe - Fisheries	1st (First)	3rd (Last)		2nd							
Food & Water Watch Europe - Aquaculture	1st (First)		2nd		3rd (Last)	2nd					
Sea Ecology / Pew Environmental Group	1st		At the time only in draft				2nd	3rd	4th	5th	Last

Prof Froese: stricter than MSC



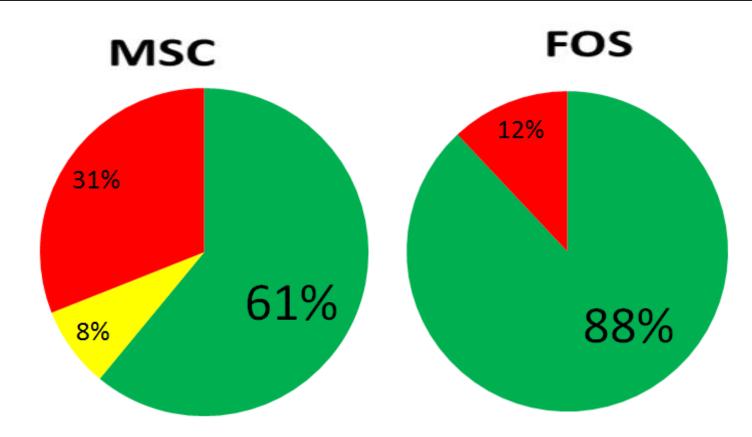


Figure 2. Percentages of stocks with available data, which were not overfished with no ongoing overfishing (green), overfished or subject to overfishing (yellow), overfished with ongoing overfishing (red), as certified by MSC and FOS, respectively.

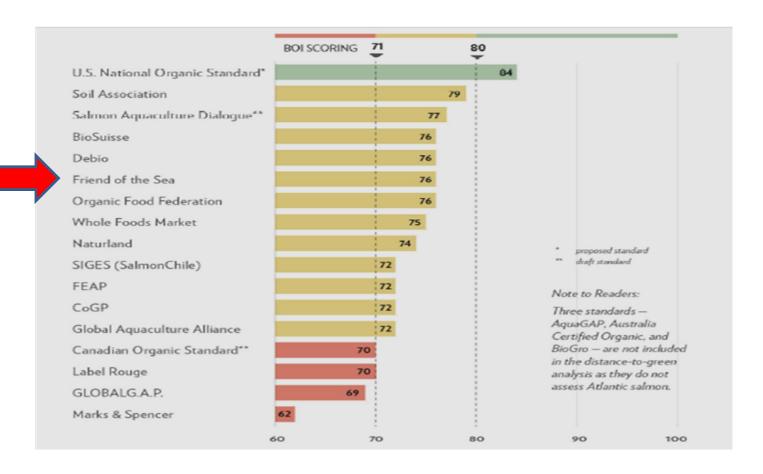
Froese R, Proelss A. Evaluation and legal assessment of certified seafood. Mar. Policy (2012)

http://dx.doi.org/10.1016/j.marpol.2012.03.017 Evaluation and Legal Assessment of Certified Seafood Rainer Froese, GEOMAR, Kiel, Germany, rfroese@geomar.de

Seafood Ecology: Best multispecies standard for sustainable aquaculture



Seafood Ecology Research Group study confirms Friend of the Sea is the best international multispecies standard for sustainable aquaculture



Food & Water benchmark scores Friend of the Sea best among fisheries and aquaculture certifications



loodswater europe

Food & Water Europe (FWE) NGO, in its "Decoding Seafood Eco-labels" paper, assessed fishery certification programs such as Friend of the Sea and MSC. FWE identifies only 4 concerns regarding Friend of the Sea standards compared to 8 concerns regarding MSC. FWE is particularly concerned about MSC's prohibitive costs, lack of carbon food print standards, and free-rider problem.

When comparing Friend of the Sea to other aquaculture certification programs, the superiority is even more striking as FOS beats all others. Food & Water Europe has identified 4 concerns for Friend of the Sea and 8 for Best Aquaculture Practices (BAP), 5 for ASC (with other 4 pending as they still have To Be Defined) and 5 for Freedom Food. The study highlights the differences between FOS and the other mentioned programs: prohibitive costs (BAP); no prohibition of GMOs (BAP); no prohibition of use of hormones (BAP and ASC); certification of farms with negative impact on mangrove ecosystems (BAP); no carbon footprint standards (BAP and ASC); free rider problem (ASC); insufficient workers safety (BAP).

	MARINE STEWARDSHIP COUNCIL	FRIEND OF THE SEA (WILD CRITERIA)	INTERNATIONAL FISH MEAL AND FISH OIL ORGANIZATION	
Prohibitive costs	\triangle			
Ambiguous or non-transparent criteria	Δ	Δ		
Insufficient public input	Δ	\triangle	\triangle	
Negative impact on marine animals	Δ	Δ	Δ	
No carbon footprint standards	Δ		Δ	
Certifies forage fisheries or their products	Δ	Δ	Δ	
Free-rider problem	⚠			
Incongruent with	Δ	Δ	Δ	

Eco-Label Comparison and Breakdo



Table 2: Concerns Associated with Standards for Certifying Farmed Fish, by Labe

	BEST AQUACULTURE PRACTICES	FRIEND OF THE SEA (FARMED CRITERIA)	AQUACULTURE STEWARDSHIP COUNCIL/WWF*	FREEDOM FOOD	TERRE ET SAVEUR
Prohibitive costs	\triangle		TBD		N/A
Does not prohibit GE	Δ				
antibiotics	⚠	Δ	\triangle	\triangle	Unknown
hormones	Δ		\triangle		Unknown
Ambiguous or non-transparent criteria		Δ		⚠	Δ
Insufficient public input	\triangle	\triangle	\triangle		Δ
Certify farms with negative impact on mangrove ecosystems	⚠		TBD	N/A	Unknown
No carbon footprint standards	⚠		\triangle	\triangle	Unknown
Insufficient FCR standards		\triangle	TBD	\triangle	Unknown
Free-rider problem			\triangle		Unknown
Insufficient worker safety	\triangle		TBD	Δ	Unknown

"Standards have only been completed for four tiliplas, pangasius, bisalves and abatoney out of the 12 categories being discussed in the Aquaculture Dislipages." Because each species or octopop of species being discussed separately, not all violations will necessarily apply to all standards. Concerns listed here are associated with one or more of the completed sets of standards. No standards produced by the Aquaculture Dialogues yet have made reference to action footprint.

One of 6 natural labels recognized in D



20/08/2012 - Friend of the Sea seal of approval is now among the officially accepted eco-labels for wild caught fish and seafood in Germany

Als geeignete Kontrolleinrichtungen/Zertifizierer im Sinne dieser Richtlinien zur Gewährleistung der Rückverfolgbarkeit gelten (Stand: August 2012):

Bundesverband Naturkost Naturwaren Einzelhandel e.V.

- Naturland
- KRAV Ekonomisk Förening
- MSC (Marine Stewardship Council)
- ASMI (Alaska Seafood Marketing Institute)
- IRF (Iceland Responsible Fisheries)
- FOS (Friend of the Sea)

Sofern ein Hersteller bzw. Anbieter von Wildfischprodukten mit keinem der genannten Zertifizierer zusammenarbeiten will, obliegt es ihm, eine nachweislich fachkundige, unabhängige Institution mit der Überprüfung der Einhaltung der festgelegten Nachhaltigkeitskriterien zu beauftragen, deren Bericht und Befund seinen Abnehmern vorzulegen und diesen in Verbindung mit dem Produkt kenntlich zu machen

Equivalent to Bio/organic and Naturland





Bundesanstalt für Landwirtschaft und Ernährung

Italien kontrolliert. Nach Prüfung des Standards kann eine Gleichwertigkeit zu den Naturland Richtlinien und dem vorliegenden Entwurf der Durchführungsbestimmungen der EG-Rechtsvorschriften für Aquakultur festgestellt werden.

EU suggests consumers to rely on FOS





- law for the zone concerned.
- Impact on the ecosystem: the fishery must not have an adverse effect on the ecosystem.

Which are the main labels that certify sustainable fisheries?

- The Marine Stewardship Council (MSC), created in 1997, certifies a fishery or a fish stock. It
 operates worldwide, with the majority in developed countries, and applies multiple
 international standards including the UN FAO Code of Conduct for Responsible Fishing.
- The 'Friend of the Sea' (FOS), created in 2006. It certifies both farmed fish and fish caught at sea, in both developed and developing countries.
- The KRAV 'fisheries' label, created in 2004, is limited to Sweden and Norway.
- The 'Dolphin Safe', label focuses solely on by-catches of dolphins, but does not guarantee other conditions for sustainable fisheries.

Major retailing chains and other players have also organised their own labels, but consumers should get information about the true extent of these commitments.

Does size really matter?

It is important to take care to buy only fish that have reached adult size. Fish that are caught too young have not had a chance to reproduce and help renew stocks. Talk to your fishmonger and find

Partnership with FAO /Infosamak















Sustainable Seafood

40% Negative Audit / Audit not authorized



Perch Baltic



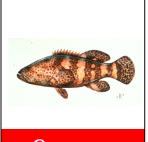
Haddock NA



Hake S Atl



Nephrops



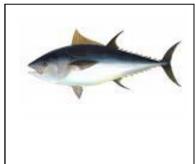
Grouper Oman



Octopus Mor BT



Anchovies NA



Bluefin



Indian BT shrimps

Others



Sustainable Seafood

Negative Audit / Audit not authorized

09/02/2015

Friend of the Sea - Press Release

TUNA FLEET SETTING NETS ON DOLPHINS NOT QUALIFIED FOR FRIEND OF THE SEA CERTIFICATION

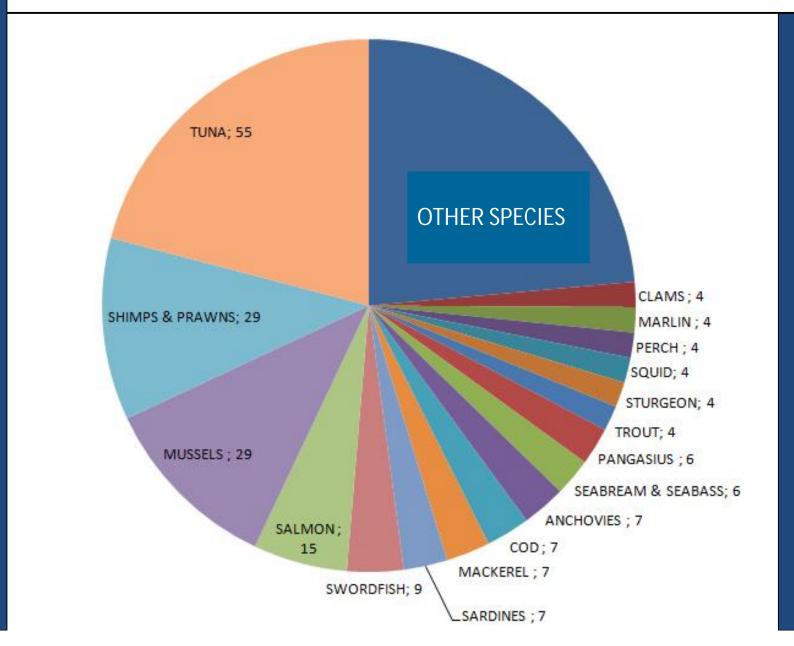
Friend of the Sea has received certification audit applications from two major Central America tuna shipowners whose vessels set nets on dolphins to catch tuna. Friend of the Sea audit was not authorized because one of the requirements for Friend of the Sea certification is that the tuna company be also certified Dolphin-Safe by the Earth Island Institute.

"Setting nets on Dolphins is a practice which may imply use of explosives or paint bombs, speedboats to harass and encircle dolphins." explains Dr Paolo Bray – director of Friend of the Sea "Dolphin mortality is unfortunately still allowed by some countries as part of tuna fishing activity in the Eastern Tropical Pacific. Fishing tuna by setting nets on dolphins is a practice that implies marine mammals harassment and which decimated dolphins populations. No dolphin-killing fleet will ever be certified Friend of the Sea sustainable."

"While Friend of the Sea has denied certification to these fisheries, other programs seem to consider this practice potentially sustainable and worth evaluation." concludes Dr Bray "In my opinion, certification of such a dolphin targeting fishery as sustainable would be misleading for consumers. The certifying ecolabel will be associated to a cruel and wasteful fishing practice which has killed millions of dolphins over the years."

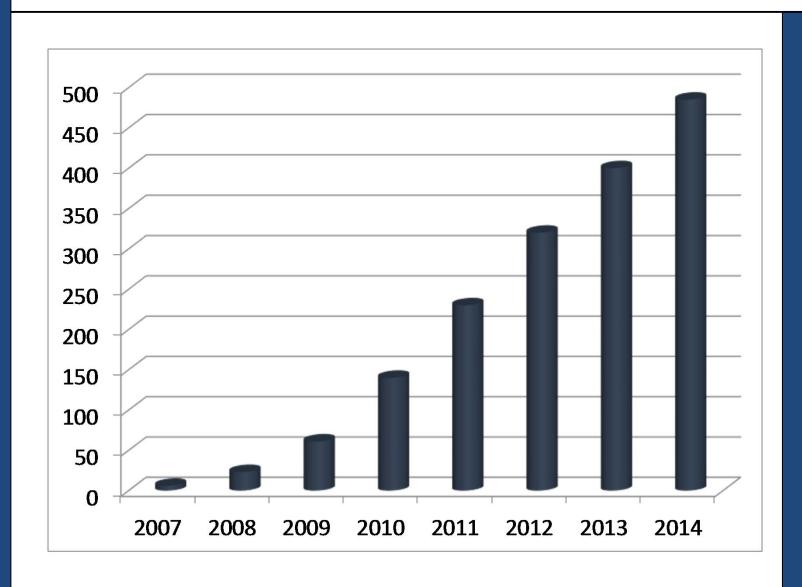
FOS Companies per Species





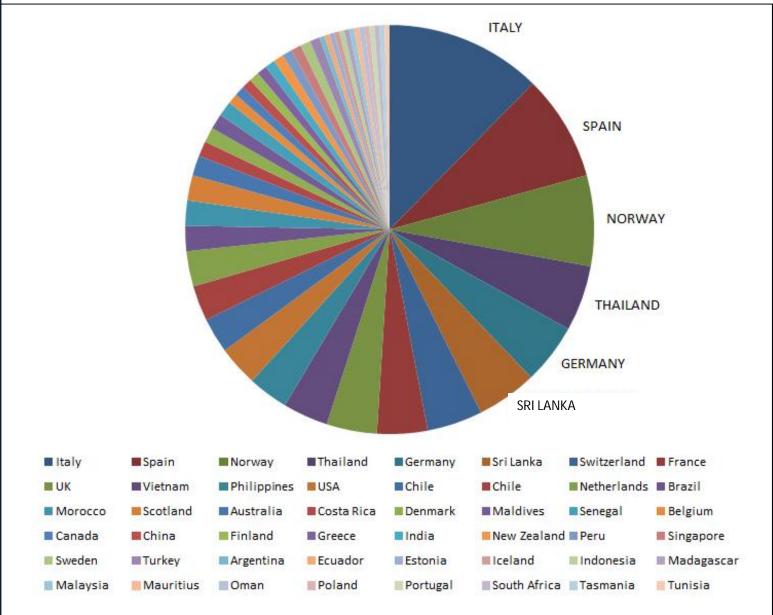
Over 450 Companies with FOS certified products





... from 48 Countries





Over 50% - Artisanal / Small-Scale





Vietnam (Squid and Cuttlefish)



Philippines Handline (Tuna Yellowfin)



Ireland Troll Fishery (Tuna Albacore)



Indonesia Trammel nets (Prawns)



Sri Lanka, PNG Handline (Tuna)



Azores, Brazil, Senegal, South Africa Pole and Line (Tuna)



Morocco Purse Seine (Anchovies, Sardines and Mackerel)



Maldives Pole and Line (Tuna)

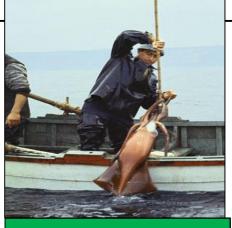
Over 50% - Artisanal / Small-Scale



Brazil (Pirarucu)



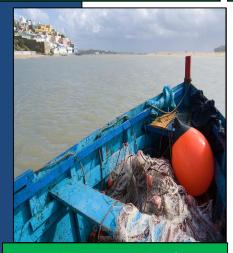
Italy (Clams)



Chile (Squid)



Oman (Mixed)



Morocco Merja Zerga (Mixed)



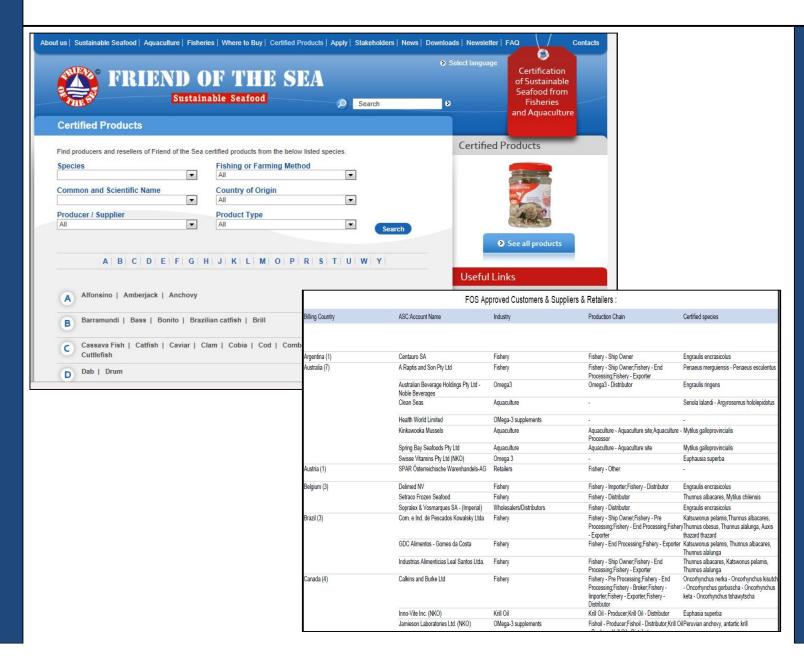
Spain (Octopus)



Thailand (Clams)

Friend of the Sea All Companies

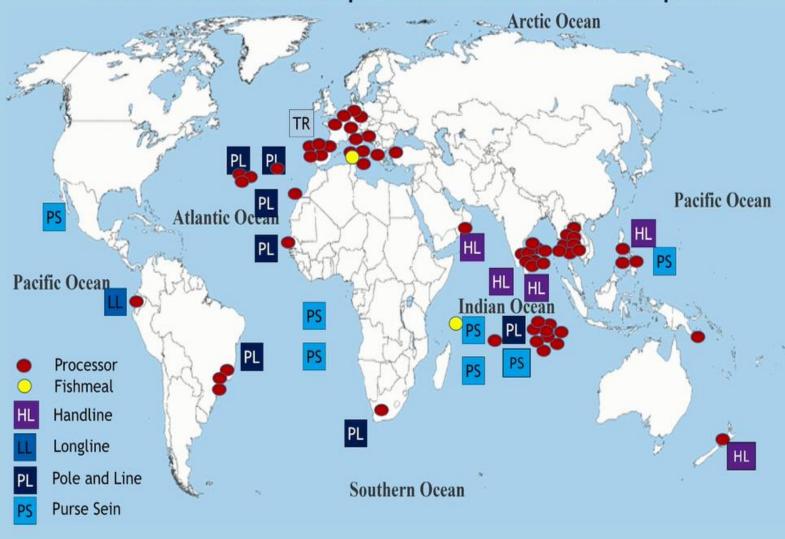




Friend of the Sea approved tuna fleets







Friend of the Sea **GDO** and **Catering** Private Label



UK









brakesgroup

Spain













Italy

















Switzerland









Germany





Austria



France





Asia/China























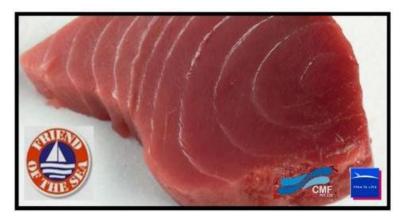














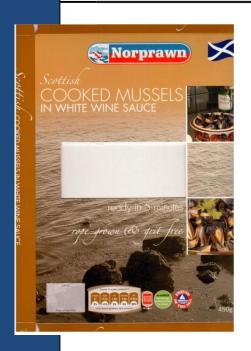




















Mejillones certificados Friend of the Sea en **España**











Mejillones certificados Friend of the Sea en ${\sf EE.UU}$.























































































FRIEND OF THE SEA



Sustainable Seafood











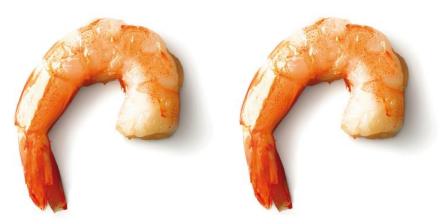
Marketing!





How Producers promote FOS





Den ena är ok att äta. Den andra inte. Kan du se skillnaden?

Om inte, så ska du inte vara ledsen för det. Det kan nämligen ingen. Däremot är det många som har klart för sig att det här med "scampi-räkor" inte är helt okomplicerat. Är det vildfångade som är ok att äta, men inte odlade? Eller var det tvärtom? Det är sannerligen inte lätt för en vanlig konsument att hålla reda på vad som är rätt eller fel.

Mycket kortfattat ligger det till så här:

Odlade räkor bör undvikas eftersom odlingarna utgör ett hot mot mangroveskogarna och andra känsliga kustmiljöer. Vildfångade räkor kan man äta med gott samvete men endast under förutsättning att de är fångade med nät. Vildfångade räkor fiskade med trål är inte ok eftersom trålen förstör bottnar, koraller och andra bottenlevande organismer. Dessutom är bifångsterna av havssköldpaddor och andra arter höga. Men hur ska en vanlig dödlig människa kunna hålla reda på detta? Och hur ska vi veta att det som står på paketen är sant? Svaret är att vi måste förlita oss till befintliga certifieringsorgan. De som kontrollerar att fisket bedrivs på rätt sätt.

Vi har valt Friend of the Sea för att certifiera våra produkter. Friend of the Sea är en är en internationell, ideell organisation (NGO) vars uppdrag är att bevara den marina livsmiljön.

Certifieringar enligt Friend of the Seas standarder utförs av ett oberoende, certifieringsorgan, så kallad tredjepart certifiering och följer FAO:s riktlinjer för miljömärkning av fisk och skaldjursprodukter. Dom kan se skillnaden. Det kan du lita på.

SeaSam

How Producers promote FOS





USA



How Producers promote FOS





Uk







Hong Kong













Italy





Un PERCORSO nel rispetto delle regole.

Il marchio "Conad Percorso Qualità" è la certezza che i nostri pesci e molluschi arrivano da allevamenti che rispettano le più rigide norme igieniche e ambientali.



IN PERCORSO controllato.

Dalla produzione alla distribuzione, i nostri esperti effettuano controlli a campione, verificando che i pesci e i molluschi siano pescati e allevati nel modo migliore.



Un PERCORSO garantito.
Un organismo indipendente di certificazione verifica l'effettivo controllo, da parte di Conad, dell'intera filiera ittica e lo svolgimento costante di visite ispettive e analisi



Waitrose

UK

Friend of the Sea mussels a real catch

Enjoy tasty, nutritious shellfish with a side helping of peace of mind as Scottish mussels farms get an eco-friendly stamp of approval.

hey have long been admired as nutritious, shelfish that are delicious served with garlic cream and wine. But this season's live in shelf Scottish missels arriving in Walthose stores have a new reason to whet drives oppeties—they are the first UK formed shelfish to be averaded the presignous friend of the Sea certificate for their top guildly eco-credentials.

If means outcomers can be certain these proteinpacked mussels have been sustainably farmed using methods that have virtually no environmental impact.

From this week, Waltrose shoppers can get a fasteof the first Friend of the Sea live Scothish mussels. Inspectors of the not-for-profit organization spenteight months carrying out rigorous checks on the Scothish Shellish Marketing Group's 14 mussel farms in

west Scotland and Sheffand.

The farms do not directly mussels from wild stock, but instead allow shelfish to spown naturally and then grow in the sea an ropes hung from buoys. Farmers allow the growing shelffish to ear plankton and do not

feed them artificially.

Until now the Friend of the Sealogo has been used marely in Italy, Spoir, Tracce and Germany, but UK forms one making innodes in response to shopper demand for sustainable seaload.

Wolfrose specialist fish buyer jeremy Ryland Langley said the supermarket stocked fish and shellfish only from sustainable, well-managed fisheries and responsible fish farms.

The important things that allow fish is from a sustainable source and formed in a sustainable way. But what we look for, if of all possible, is a good, independent third-party certification, headed. Turnically placed to be able to offer our outlainess imused: that have achieved this standard. The Scottish Shellfel Marketing Croup, which represents around 70 per cent of Scottish imused production, achieved third of the Sea certification for its museds earlier the year, but the first live pooks are only usit going into stores following the summer growing period.

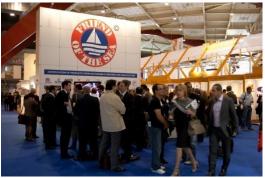
Stephen Comeron, Scotlish Shellfah Marketing Group managing director, sold: "Our musel farmers are totally dependent on nature and merely provide a helping hand in their production."





Marketing - Events









Your customers asked for a **Sustainable Seafood Certification?**

Would you like consumers to know that you care for and protect the environment?



Bangkok

11th INFOFISH World Tuna Trade Conference & Exhibition

Centara Grand & Bangkok Convention Centre At CentralWorld

ANNOUNCED

13 - 15
September

2010



FRIEND OF THE SEA® is the only International Third Party Certification Scheme which,

with the same ecolabel, audits and can certify products from both fisheries and aquaculture.

Over 20 years experience & tangible results Regular speaker at FAO's and EU conferences Growing presence in Asia and India Non profit project and affordable audit cost

Contact our **India representative** at the **Indian International Seafood Expo:**

Ravi Gautham Email:rg@tritonconsultants.com TEL: + 91 80 41460324 Mo: + 91 98802 40819 SKYPE ID: Raviind1

> www.friendofthesea.org info@friendofthesea.org





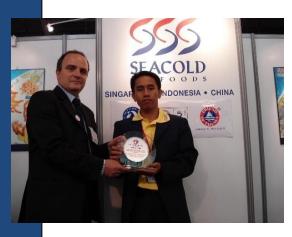
Marketing – FoS Awards























Marketing – FoS Awards





12 issues in 2012/3



10 Questions

Actress, activist and writer-director Angelina Jolie on Bosnian Serbs, sex scenes and that Oscar pose

The first movie you've written and directed, in the Land of Blood and Honey, is about the Bosnian war. Was this an artistic or advocacy choice? I besitate with the word advocacy. I just wanted to understand what happened in the former Yugoslavia. I've always felt the responsibility, since it was my generation. I thought I'd use writing this script as an excuse to do research. It sat on my desk for a little while until Brad picked it up and read it. And he said, "You know, honey, this is really not that bad. It's kind of good."

He couldn't come so

He actually said something much nicer but I paraphrase to not flatter myself. He nice note, and then we talked about it at length, and then we went back to the region together, and I just kept meeting people. Could we get Bosnian Serbu and Bosnian Muslims in the same room, working together? Can they agree on a piece of art? Is this the impossible act? It's a bit of a grim movie. Is

I don't know if I have a style. To be honest, there were quite a few things that were harder to watch that we cut. I think some of them made the DVD that just came out. I put in the film what I had heard firsthand accounts about.

ody told you that Serbs threw a haby off a balcony and made old ladies strip so they could laugh at them? Well, no, but babies were killed. The ladies' having to

rip was a firsthand account of a victim of war that I met. And by the way, all the things as described WETE WOESE.

Do the unglamore

The ones I've done in my life — not my style If you're going to do it, it should feel real. When a woman's in the room with her lover, she's not in a perfect pose or covered by a sheet.

Your movie is critica

of the West for not Intervening sooner in Bosnia. Are you more in tayor of boots on the ground? I believe that the way the Security Council uses the veto should be questioned. There is something

amies when so many

countries want to

one or two that have a

intervene and the

financial interest want to st

You're a frequent guest at the international Criminal Court. What did you think of the Korry 2012 campaign? I believe that group's stention is pure. And I think it's very inspiring that so many young people were so moved. If people are more drawn to this than to omething that is more shallow, then we have to see

You have sold photos of your kids to raise money for charity. Is this getting tricky as your chädren get older?

That was only their birth pictures. There are people who assume, because they see one picture, that they know everything about your personal life. I'm very private.

project is to get married, with your brother as the celebrant. True? Maybe I should read these things more often. They sound highly entertaining No, I'm not. My next project in a Disney movie, and I'm

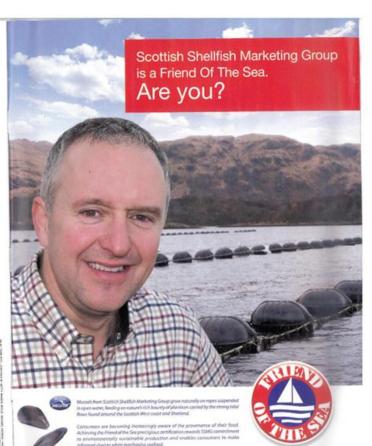
playing a villain. I get to tell a great story, but I also get to

vearglant horns.

There's a new word: Joliening. you did at the Oscars, with one leg out. Heard of it? No. It's funny. That was actually the backup dress. I decided to go for the one that was less attention grabbing.

— BELINDA LUSCOMBE

TIME April 9, 2013

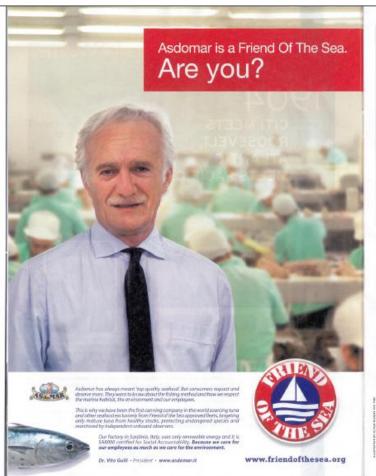


www.friendofthesea.org

12 issues in 2012/3



TIME



Joe Klein

TO MAKE SHI

Why Tehran Might Be Ready to Talk

Two years of persistent U.S. led diplomacy may finally be getting to the powers in Iran

A mostling was scheduled for Istarbud an April 3. A first, it seemed the same old dodge weeks were wasted as the Iranians attempted to which the sits of the meeting to Rapidad. That offort met a brick wait, the Coalition, often a spongy alliance, refused to counternance it, and te Tranians. backed down. And then the meeting was selected own. And then they began to actually talk with the Burpean Union's designated negotion, Helga Schmid. Their statement at the Istanbul meeting was substantive. They agreed to another meeting, which will take place on May 2 in Rapidad. They've continued to talk to Schmid. They seem to understand what the world in asking of them. They promise to make a serious peoposal in Bachdad. They here is some cauthus use.

timism that, as the retired U.S. diplomat Nicholas Burns puts it, "See the first time in 32 years, since the franian revolution, there is the possibility of serious, substantive and sustained talks with fran."

In the Arena

three and sustained talks with tran.
What on earth happened? Diplomacy
happened. The Chama Administration,
conducted a quiet, persistent two-year
campaign to bring the Russians and
Chinese into a united front supporting
the most serious reund of economic



sanctions ever passed by the U.N; the Bumpeau Dhiot and the U.S; have imposed farths scarcinos, against firmina oil at Units central shand, that are shot on the Units of the Units, that the Units of the nomic impact of these sanctions has been greater than anticipated. Iran's economy in nearing collapse; fish distone chips, awaiting customen. Iran's Evolutionary Garafic Corps, the real power behind the regime, controls about a third of the Iranian economy, and it is being hard hally. Iranian sources speculate that the Gasafd have been pressuring Superme Luder Ali Khamenei to make a deal or get the sanctions eased by appearing to make

a deal. But it's difficult to know for sure what's happening within the regime.

subat's happening within the regime. Israel has made a difference too, its covert campaigs to subotage the Iranian rucker program has been very success. Full, its overt threats to bomb Iran's facilities are taken seriously by the regime, even if most experts believe that forse! Lather the capacity to do much permanent clamage to the Iranian program.

So what can we expect from the Baghdad talks? The higgest issue on the table is the TAEA's ability to make intrusive, un-

LAEAS ability to make intrusive, unannounced inspections of the Frankin rucker program, including visits to military facilities like Parchin, where the Irarians may have been testing the blasting desired that can juilities a walley or

devices that can initiale a nuclear or poison. The UN. has also demanded that Itan ouspend its enrichment program. Nether of these curves sures ilikely to be made in Bughdad. The transars have made notes about the transars have made notes about the transars have made on the curricular than the curricular

level necessary for pseculal nuclear gives:
If turn offers to supped production of
sets uranium, that will be lig news. And
there will be pressure to case the sametions. It is possible that the Burssians or
the Chinese—or even the Presch, now
that Nicolas Sarkory is no longer in
charge—will concede, which is what the
Branians are obviously hoping for The
The true test of the Obrana Administration's
diplomacy will be if it can held the coaltion together and continue to demand
a rigorous IAEA inspections. Only if the coalition holds, and no immediate concessioms are made, will us see if Iran is really
serious shout negotiations this time.

TIME May 28, 200

15

12 issues in 2012/3



Joe Klein



Why Bain Matters

It's not just the tax returns. It's short-term

Ohama's demolition job on Mitt Romney's record at Bain Capital was going to be a doozy came on May 21 at the NATO summit in Chicago, of all places. Obama was asked a question about his campaign's first round of at-tacks on Bain, which had been criticized by Newark, N.J., Mayor Cory Booker and a few other Democrats. The President could have chosen to give a quick "This isn't the place to talk politics" answer. question; he answered it at length. He made a bulletproof case for putting the Bain style of capitalism at the center of this campaign. It may have been the most Important 617 words uttered by either candidate this year - and it offers a preview of what is about to transpire in the next few months.

It was clear then that Obama wasn't

Obama's consultants had found the antigroups. The case would be made on three levels. The first would be the gutbucket populist assault on Bain's laying off work ers and sending jobs overseas. The dwindling Wall Street wing of the Democratic party considered this dreadful; the fact economy made him guilty of precisely nothing. (The recent imbroglio about whether Romney actually retired from Bain in 1999 or continued to make outsourcing decisions is a minor, semirelevant subset of the populist pitch.)

The second level of the assault was a character attack: Why wasn't Romney when he was hauling it in at Bain? This was a much fatter target. During the Republican primaries, Romney had shown year of his tax returns. We can assume were tilted, unfairly, in his directiontant, intellectually coherent and utterly

that the 14% he paid in federal taxes during 2010 was a high-water mark. It's possible there were years when Romney paid no taxes at all. This is not to say he cheatwhich points the way to the most imporproper level of the case against Romney

and Bain. This was the case Obama pro viewed at the NATO summit and to which he will return as soon as the Romney campaign stops shooting itself in the face in reonse to the populist attacks leveled by the Obamians the past few weeks.

I should note that among Democrats, who've spent decades watching their residential candidates be pinned down by bazooka wielding Republican operatives like Lee Atwater and Karl Rove, there is transcendent glee as the Romney campaign makes donkey-style mistakes, like stumbling into "retroactive retire ment* locutions and whining about the unfairness of it all.

What's the real case against Romney and Bain? In Chicago, the President said that private equity capitalism was a "healthy part of the free market ... But understand that their priority is to maximize profits. And that's not always going to be good for communities or sinesses or workers ... When you're President, as opposed to the head of a private equity firm, then your job is not simply to maximize profits. Your job is to figure out how everybody in the coun try has a fair shot ... Your job as Presi-dent is to think about, How do we set up an equitable tax system so that everybody is paying their fair share?"

In other words, the job of private-equity

guys like Mitt Romney is to think hort term, quarter to quarter, and maximize returns for shareholders. This was a plausible exercise, especially in the 1980s and 1990s, when many American corporations had to be restructured to compete in the global economy. By almost all ac-counts, Bain Capital performed this function honorably and well.

But the efficiencies that Bain and

others created led to a major distortion of American capitalism-away from long term planning, away from research and development (which detracted from quarterly profits), to

assets were purchased with junkier and junkier bonds. The tax code was tilted to encourage such behavior. And there is a crying need now to rebalance American of financial wizardry do not dwarf the rewards of productive manufacturing, to reward long-term development rather

In the end, the strongest case against Bain capitalism is a metaphor: Mitt Romney made a fortune swapping equity for debt. That's what Americans have done for the past 30 years, turning a great many of their assets into deficits for short-term gain. They need to do the opposite now.





Our company has been sourcing tuna for the post 20 years only from the Sri Lanks local artisanial vessels as we are awore of the sustainability of this fishing method Tuna King is itself involved in this traditional fishing practice and it maintains strong

These small vessels use "multi hook short-lines" deployed at depths up to 150 meters. Discards are less than 1% as the fishery is much more selective than alternative methods. Two actiches represent up to 90 percent of fotal catch, depending on the fishing season. The tuna caught comes from a stock which is not oversiphosed according to the latest assessments and the overage tuna caught is 30.

The Friend of the Sea certification highlights the true sustainability of our tuna origin



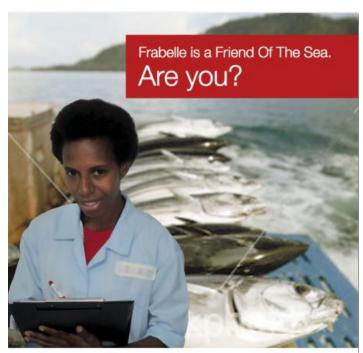


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12 issues in 2012/3



TIME





Frabelle is a major tuna producer in Papae New Gainee. The local fisheries authority implemented strict austainable fishing practices based on the Precautionary Approximate Act of the Allection of the Act of t



Official PNA absences are on bound every vessel reporting information such has byoatch discard and other data which allows to produce always more precise stock status are ecosystem impact information. With Fished of the See we are new going own furthe and see have standed classifying our hum besid on without it was cought with Fish

Fraderly most the first company in the area archering Friend of the Sea certification for its already Earth biol institute Delphin Sofa approved, partie series Read and his processing factory. In Country Memoger I ver Bookstase of any functionalist and annotation and seasons. Before public, which includes his Manif. Frening and U. Bookstase of any functionalist and annotation seasons.

As a PMG Citizen I are proud my company has always considered Social Accountability a priority, provide its employees with a pleasant and safe working environment and supporting us with special techning make best use in our duty lives of the safety extend at work.

Anther Megua: Quality assurance and quality control nanager



www.friendofthesea.org

Consumer awareness Conservation initiatives













Consumer awareness School lessons





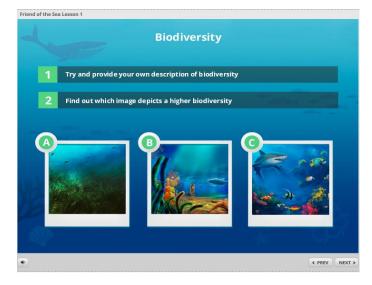




Consumer awareness School lessons



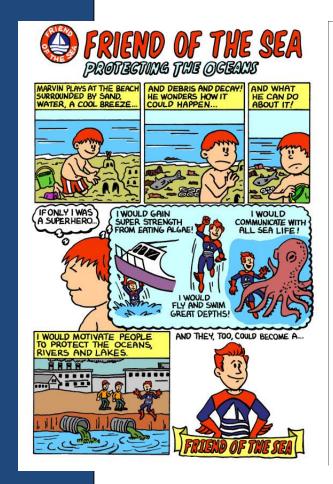






Consumer awareness FOS Hero



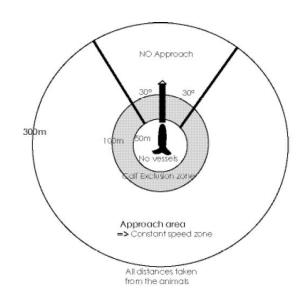








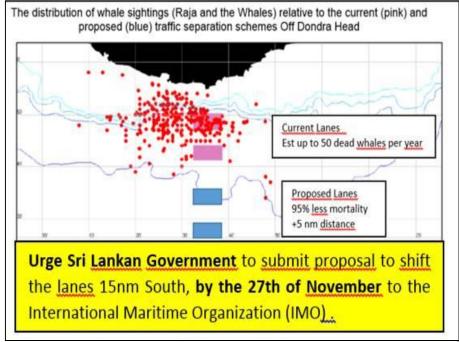




FOS Sustainable Whale Watching Requirements

- 1 Commercial Operations
- 2 Detection of cetaceans
- 3 Zones
- 4 Special Considerations for Sperm Whales
- 5 Swim-with
- 6 Other





Petitioning Hapag-Lloyd Nils Haupt and 6 others

Save whales from deadly ship strikes. Urge World Ship Council sign lanes shift by Nov 27







Friend of the Earth





Sustainable Agriculture

Certification Requirements





Ecosystem Conservation



Protection of wildlife



Farming and Agriculture management system



Waste, water, atmospheric, land management system



Conformity with legislation



Social Accountability

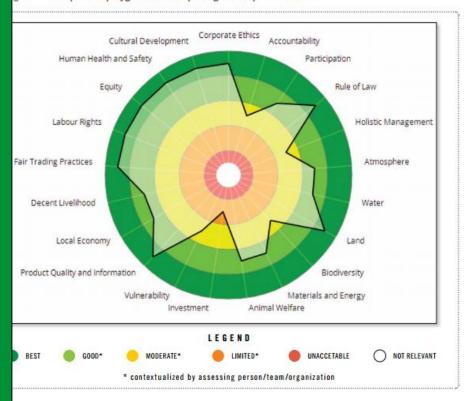


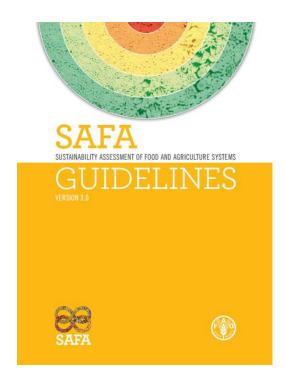
Energy efficiency

SAFA / FAO requirements compl.



gure 7. Example of a polygon after completing the step "Indicators"

































FRIEND OF THE EARTH

Sustainable Agriculture

Certification of Products from Sustainable Agriculture and Forestry

6

Sustainable Agriculture



Find out more about Friend of the Earth approved agriculture. Certification requirements and other useful resources. More

Sustainable Silviculture



Find out more about Friend of the Earth approved silviculture. Certification requirements and other useful resources. More

Video



Watch Friend of the Sea Institutional video.

News

domenica 10 febbraio 2013

Spolled: Organic and Local Is So 2008

But that's not the reality. Many of the familiar models don't work well on the scale required to feed billions of people.

Where to buy

Where you can find Friend of the Earth products near you.



Certified Products



See all product

Friend of the Sea

Seafood and Omega-3 supplements from sustainable fisheries and aquaculture.



Website

Useful Links

- , Organizations
- , Glossary
- > Publications
- , Legislation
- > Video











1 2

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FRIEND OF THE SEA FRIEND OF THE EARTH









Thank you! paolobray@friendofthesea.org