







1. The Sustainable Fisheries Partnership







SFP – what we do:

- SFP provides strategic and technical guidance to seafood suppliers and producers; helps convene them together with other like-minded companies in Fishery Improvement Partnerships
- Builds consensus around specific improvements in policies, marine conservation measures, and fishing and fish-farming practices
- Driven initially by providing advice / working close to the seafood supply chain on the status of global whitefish stocks but rapidly expanding to other work fields, including the sustainability of farmed organisms - SFP engaged on WWF dialogues: tilapia (TAD) and pangasius (PAD) – Jack Morales (SFP Aquaculture Director)







2. What is fisheries' sustainability?







Fisheries' sustainability – "3" Essentials:

Management / decision-making

Management plans; adequacy of set measures in light of scientific advice; Enforcement / Compliance; Illegal, Unregulated, and Unreported fishing (IUU); etc.

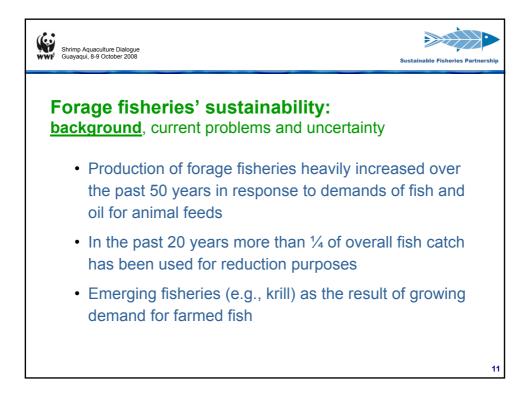
Stock Status

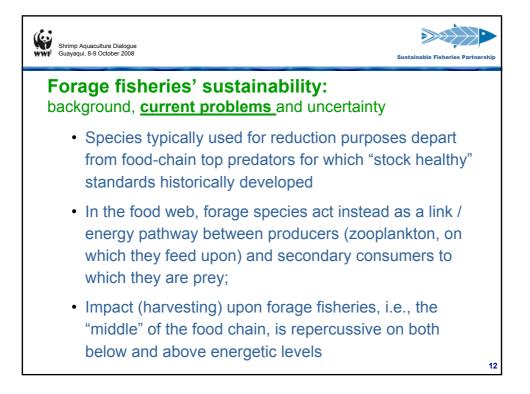
Stocks levels against biological reference points; harvest levels / fishing mortality rates; natural mortality rates; etc.

Ecological Impacts

PETS = protected, endangered, threatened species; requirement marine habitat mapping and impact assessment; requirement of comprehensive ecological risk assessments; effects of gears on the environment, etc.









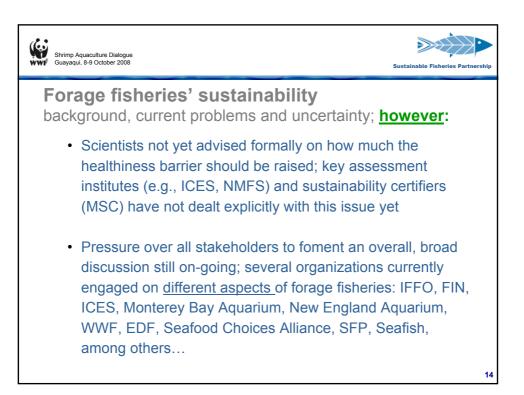


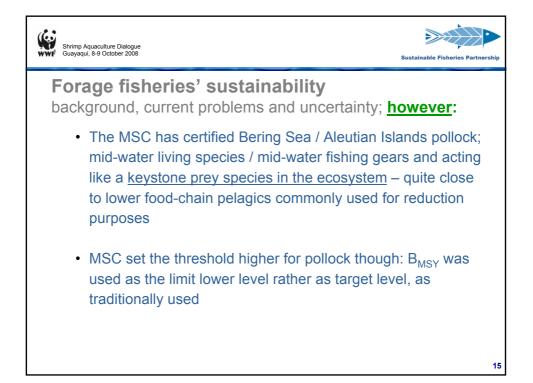
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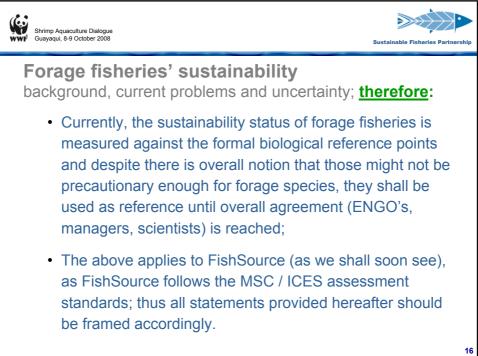
Forage fisheries' sustainability: background, current problems and <u>uncertainty</u>

- The "single species" assessment / management model might not be sufficiently precautionary for forage fisheries

 this is a reckoning by ultimate scientific developments;
- ENGO's currently strongly engaged on advocating a rather ecosystem-based approach to define *more adequate* (lower) harvest levels (pressure over MSC, ICES...);
- The traditional biological reference points used to define the "healthiness" of fish stocks might not be adequate for forage fisheries



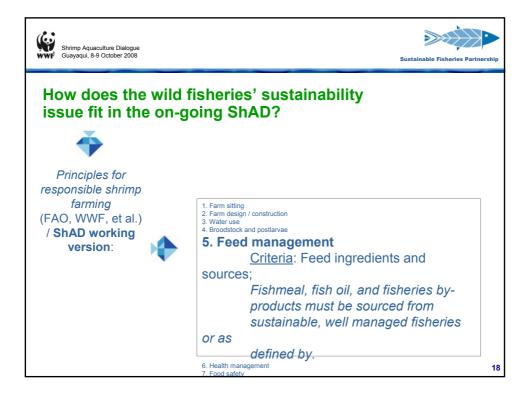


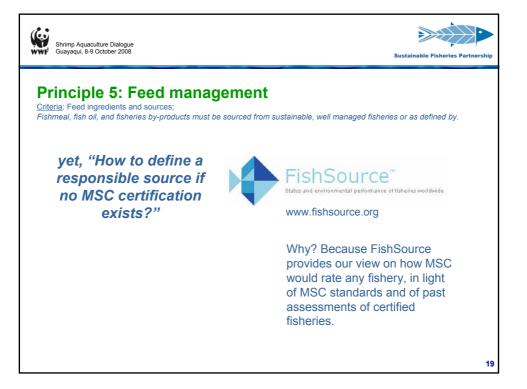


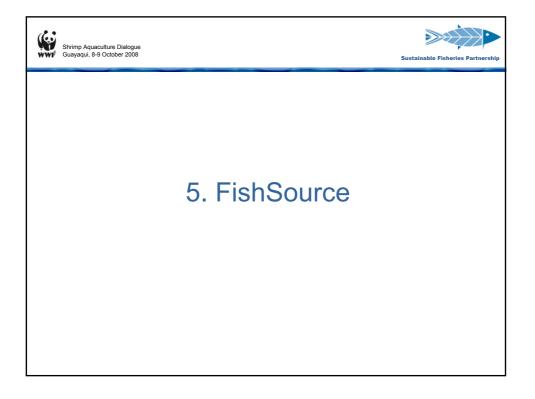




4. Fisheries' sustainability and the Shrimp Aquaculture Dialogue











FishSource

www.fishsource.org

FishSource is an online information resource about the status of fish stocks and the environmental performance of fisheries world wide







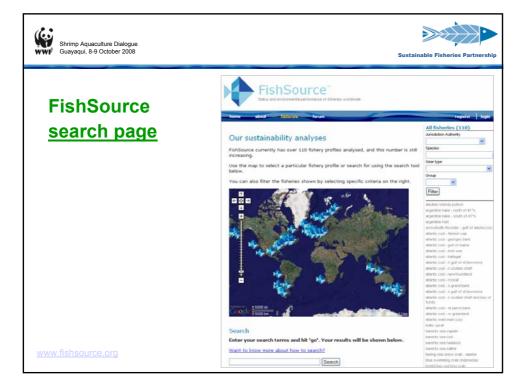


FishSource assessment criteria

- Based on the Marine Stewardship Council (MSC) standards and / or international organisms' criteria (e.g. International Council for the Exploration of the Sea – ICES)
- FishSource does not have its "own" sustainability rating system, rather providing the user with a straight forward, clear, information on how international, accredited systems *would* rate / have rated the fisheries

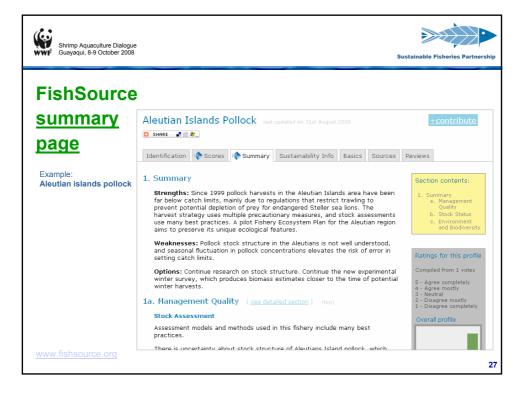


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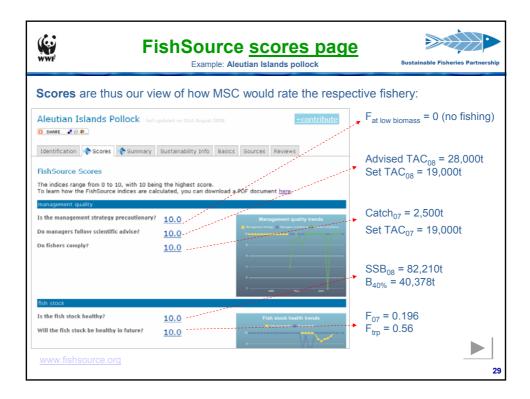


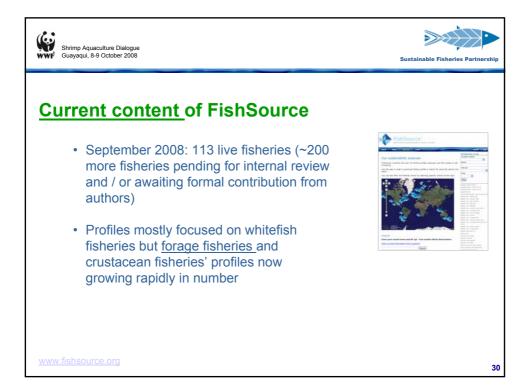






Shrimp Aquaculture Dialogue Guayaqui, 8-9 October 2008	Sustainable Fisheries Partn			
FishSource scores				
	Aleutian Islands Pollock			
• 0-10 (10 = best performance)	Identification 🔶 Scores 🌘 Surrenary Sultainability Info Resica Sources Reviews			
	FishSource Scores The indices range from 0 to 10, with 10 being the highest score.			
 Rough thresholds* <u>based on MS</u> 				
<u>standards</u> :	Is the management thrategy precontinuery? 10,0 Temperature (and them) Do matagement solution scientific advice? 10,0			
	Do fithers comple? <u>10.0</u>			
<u>Below 6</u> : needs improvement on tha	LOW DOWN TO A DOWN			
standard AND is currently unsustain	able fits steek			
	Is the fish stack healthy? <u>10.0</u> Fish stack health is between 10.0			
Between 6 and 8: needs improveme	ent,			
but not unsustainable				
Between 8 and 10 = currently				
sustainable.	*Check FishSource for further info on how scores are devise http://www.fishsource.org/indices_overview.pdf			

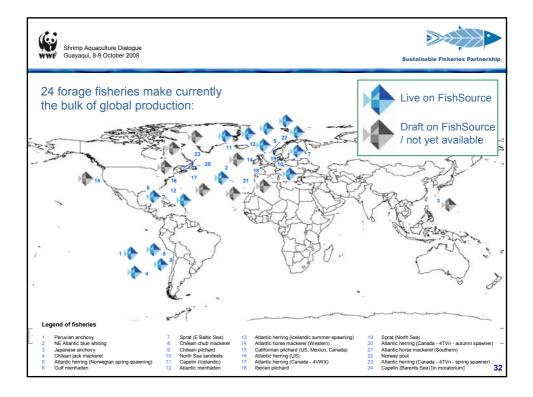


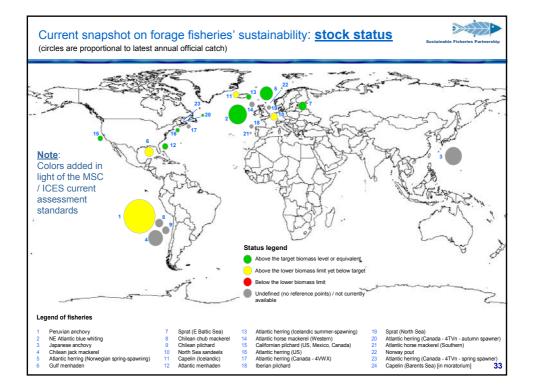


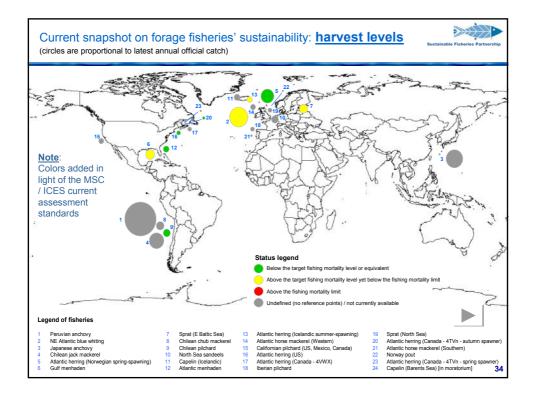


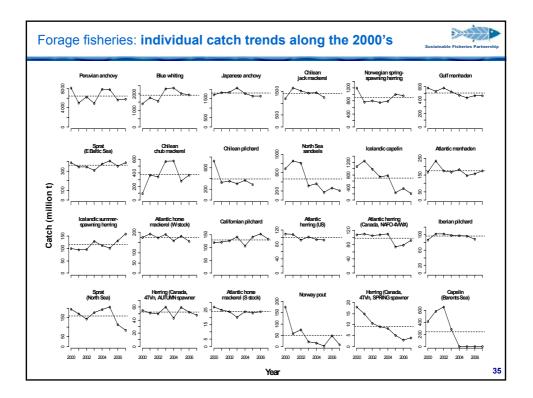


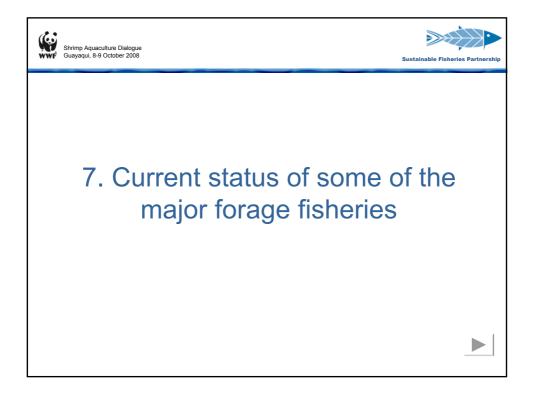
6. Status of forage fisheries: global overview

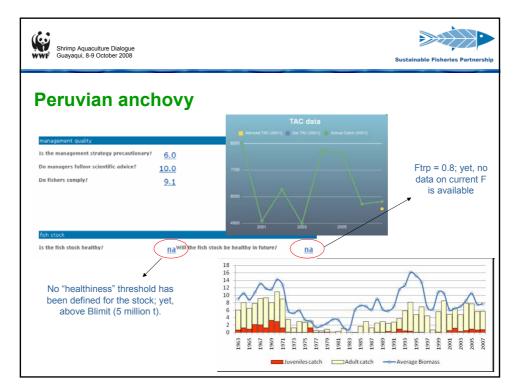












Shrimp Aquaculture Dialogue Guayaqui, 8-9 October 2008			Biomass data
Blue whiting			
Scores:			Mortality data
management quality			0.540
Is the management strategy precautionary?	6.0		in the shi
Do managers follow scientific advice?	1.7		N/A NY
Do fishers comply?	<u>10.0</u>		0.271 0.201 0.2 1000 1000 1000 1000 1000 100
			TAC data
fish stock		l	Achine TAC (0001) Cel TAC (0001) Achine Celch (0001) 2360
Is the fish stock healthy?	10.0		1770
Will the fish stock be healthy in future?	<u>6.4</u>		1980

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Shrimp Aquaculture Dialogue Guayaqui, 8-9 October 2008		Biomass data
Norwegian spring Spawning herring		7217 3617 17 1905 1907 1905
Scores:		Mortality data
management quality		240
Is the management strategy precautionary	<u>8.4</u>	
Do managers follow scientific advice?	9.5	171 112
Do fishers comply?	<u>10.0</u>	0.00 0.02
		TAC data
		📻 Advised TAC (000 1) 💼 Set TAC (000 1) 👛 Advisit Catols (000 1)
fish stock		150 - 11 - 4
Is the fish stock healthy?	10.0	1170 -
Will the fish stock be healthy in future?	8.7	700 / / / / / / / / / / / / / / / / / /

Guayaqui, 8-9 October 2008			Susta	inable Fisheries Partr
Example:				
scores for 3		Peruvian anchovy	Blue whiting	Norwegian herring
fisheries in FishSource	Score 1 (Precautionary management?)	6.0	6.0	8.4
Note: other MSC standards cannot be translated into a quantifiable score (rather "quality"-related)	Score 2 (Managers in line with advice?)	10.0	1.7	9.5
	Score 3 (Fishers in line with management?)	9.1	10.0	10.0
	Score 4 (Current stock health)	NA	10.0	10.0
	Score 5 (Future stock health)	NA	6.4	8.7

www.fishsource.org

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