

**World Organisation for Animal Health (OIE)**  
 Regional Training Seminar  
**Aquatic Animal Diseases**  
 June 15 – 19, 2010, Swakopmund, Namibia

**Conditions for Export:  
 traceability**

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INFOSA

**INFOSA**  
 SADC Regional INFOPECHE Unit in Namibia  
 Marketing Information and Technical Advisory Services for the Fisheries Industry in Southern Africa

Funded by:  **MINISTRY OF FOREIGN AFFAIRS**  
 Norway

Hosted by:   
**Ministry of Fisheries and Marine Resources, Namibia**


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**FISHINFONetwork**



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**The SADC region (15 Member states):**



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**Export Requirements...???**

- Means 
- Less poverty 

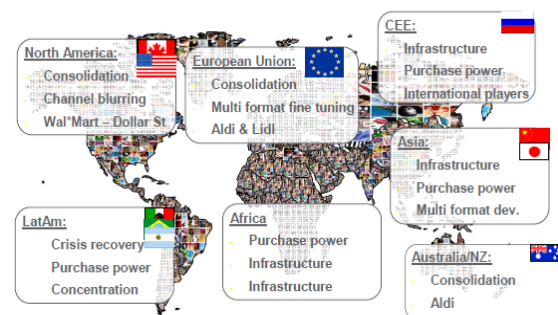
or

- More problems

**... regulation, tests, HACCP, Risk Analyses, Safety for the consumers...**

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**Every region is different...**



**nielsen**

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## Regional Market

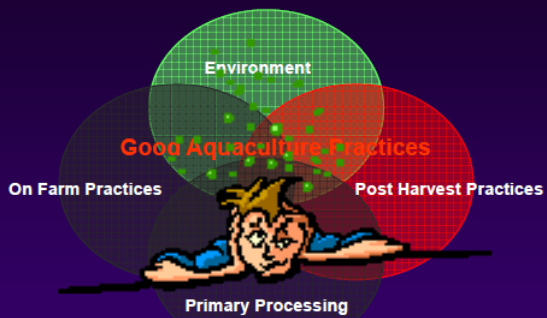


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## TRACEABILITY

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## Food Safety Programs on Aquaculture Farms



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Brett Koonse

## Aquaculture Products...

Prevention Diseases ∞ Safety Quality



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## The principle of Traceability in aquaculture

catch



chain process....

until




The plate of the consumer

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## TRACEABILITY... TRACE!




OXIN



**TRACEABILITY definition (ISO 8402)**


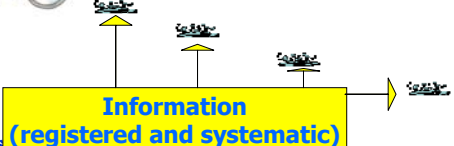
Capability to find the history, utilization or localization of an **ARTICLE** or **ACTIVITY** through a registered identification (**forms**).



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**TRACEABILITY Definition (Codex Alimentarius)**

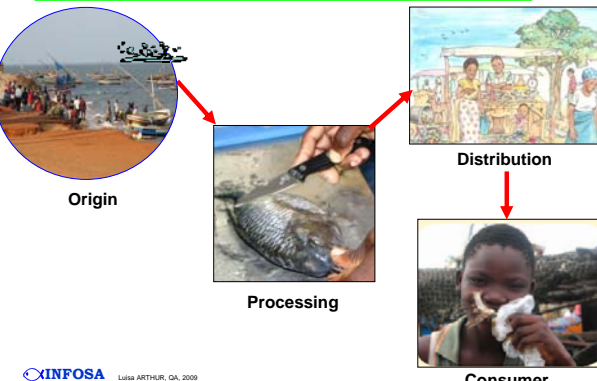
**“trace of the product”:**  
ability to trace the food production chain:

**Information (registered and systematic)**

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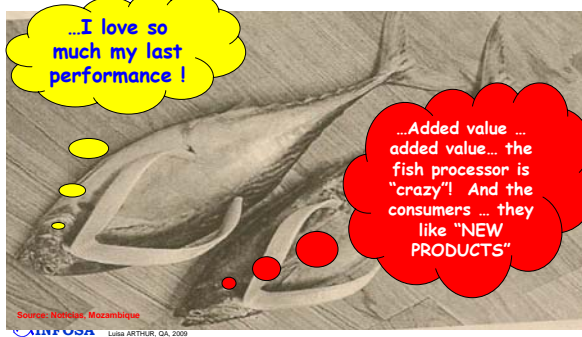
**And the chain of the food ...**



**Origin**  
**Processing**  
**Distribution**  
**Consumer**

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**Added value in the market???**



...I love so much my last performance !

...Added value ... added value... the fish processor is “crazy”! And the consumers ... they like “NEW PRODUCTS”

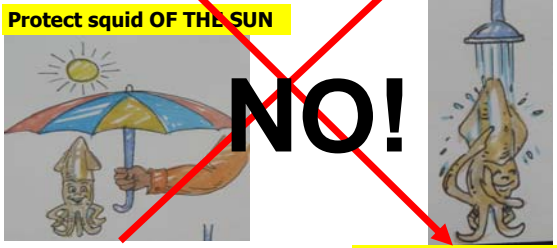
Source: Namibia, Mozambique  
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**PRIMARY PRODUCTION: information about handling?**

Protect squid OF THE SUN

**NO!**

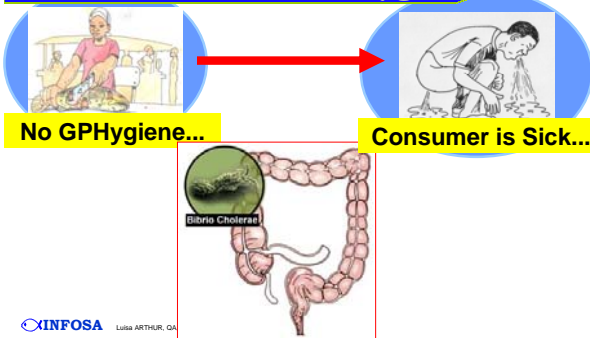
WASHING squid with CLEAN WATER



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**PRIMARY PRODUCTION: information about Hygiene?**

No GPHygiene... Consumer is Sick...



**Vibrio Cholerae**

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**About: WASHING YOUR HAND?**

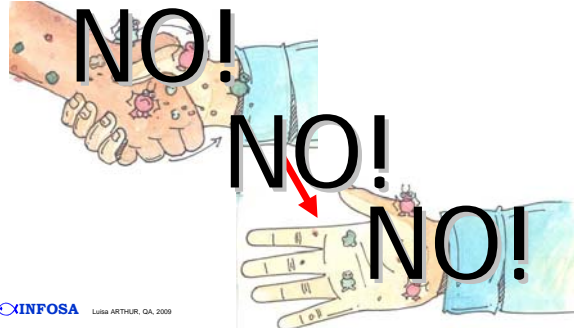


**After using the toilet**

**NO!**

**Your hand are dirty...**

**About: IF OUR HANDS IS NOT CLEAN, WE CONTAMINATE OTHERS**



**Then, WHY TRACEABILITY?**

- BSE – mad cow disease?..



- September 11...

The people want to buy food with **SAFETY PROBLEMS**, because they no want **diarreias** after they pay and eat this **FOOD...**



But **THE PROBLEM** of the people is to **HAVE A FOOD!**

**NO!** If the company/ restaurant have a problem and the **NEWSPAPERS** wrote ...



...the restaurant can lost the consumers...

... and it is not easy to get again the same market / and the confidence of the consumer ...



## 1<sup>th</sup> chose the Traceable UNIT

- If is cow  use an earring

- If it is in Austrália "labelling" the fish 

But the fish from Mangochi?



Foto H. Lupin

## The fish is not easy "labelling"!

Could to chose your Traceable Unit:

- by cage
- by name of the fisherman
- Day of fishing in aquaculture
- by number in the book sale

This Traceability permit, if **HAVE** some safety problem with a food in restaurant...

... and need to withdrawal and recall that fish:

- Which fish?
- How much fish?
- From where this fish?

Use the documents (form)

## HACCP - TRACEABILITY

- **HACCP** – Hazard analyse and CCP and sanitation.
- **TRACEABILITY** – is also part of quality assurance system (pre-requisite) – but is the "history".

What is the traceability?  
Is and Is Not:



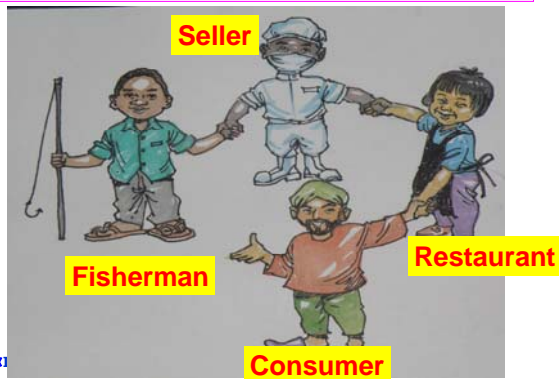
TRACEABILITY is no the fish

TRACEABILITY is the capacity found the data is in the file (example registration form)

If you complicate → with a lot of forms → is so expensive



Look....



If a consumer...



- Have a diarrhea



he back for the restaurant and he ask  
**WHO IS SALE THAT FISH?**

**The restaurant always keep a box or the "Labelling" from this box and...**



**The restaurant found a name of the seller...**

**The restaurant, ask the seller....**



- **WHO IS SALE THAT FISH?**

**The seller knows... because he buy a fish always from the same processing place... (identified)**



**The seller ask the worker...**



- **WHO IS SALE THAT FISH?**

**And the worker, have the BOOK  
with a fisherman's name...**



**that sale the fish who gave a  
diarrea of the consumer!**

**And the fisherman have  
other BOOK...**

**with a name of the seller,  
quantity and QUALITY**

## Reference:



- Alberto Tacon and Sergio Nates, USA
- Document of ANFACO, Spain
- Francisco Blaha, New Zealand
- Hector Lupin, Italy
- John Emberley, Canada
- Mike Dillon, UK
- Peter Britz and Thomas Hecht, Rhodes University, SA
- Ragnar Arnason, UNU, Iceland
- Kieran Kelleher, WorldBank

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**Thank you!**