

The challenge of reinventing the fishery  
and supply chain across so many  
borders and boundaries...

Alex Koelewijn, chair DUPAN Foundation



# Dutch People

## Nutritional Facts

Serving Size : 6 ft/183 cm\*

Amount per serving : highly concentrated\*\*

	% Daily Value
<b>Reliability</b>	<b>100%</b>
<b>Stubbornness</b>	<b>250%</b>
<b>Punctuality</b>	<b>110%</b>
<b>Directness</b>	<b>2,000%</b>
<b>Hagelslag</b>	<b>50%</b>
<b>Political correctness</b>	<b>1%</b>
<b>Dairy</b>	<b>90%</b>

**WARNING :** May contain traces of stroopwafels.  
Do not consume if allergic to strong opinions!

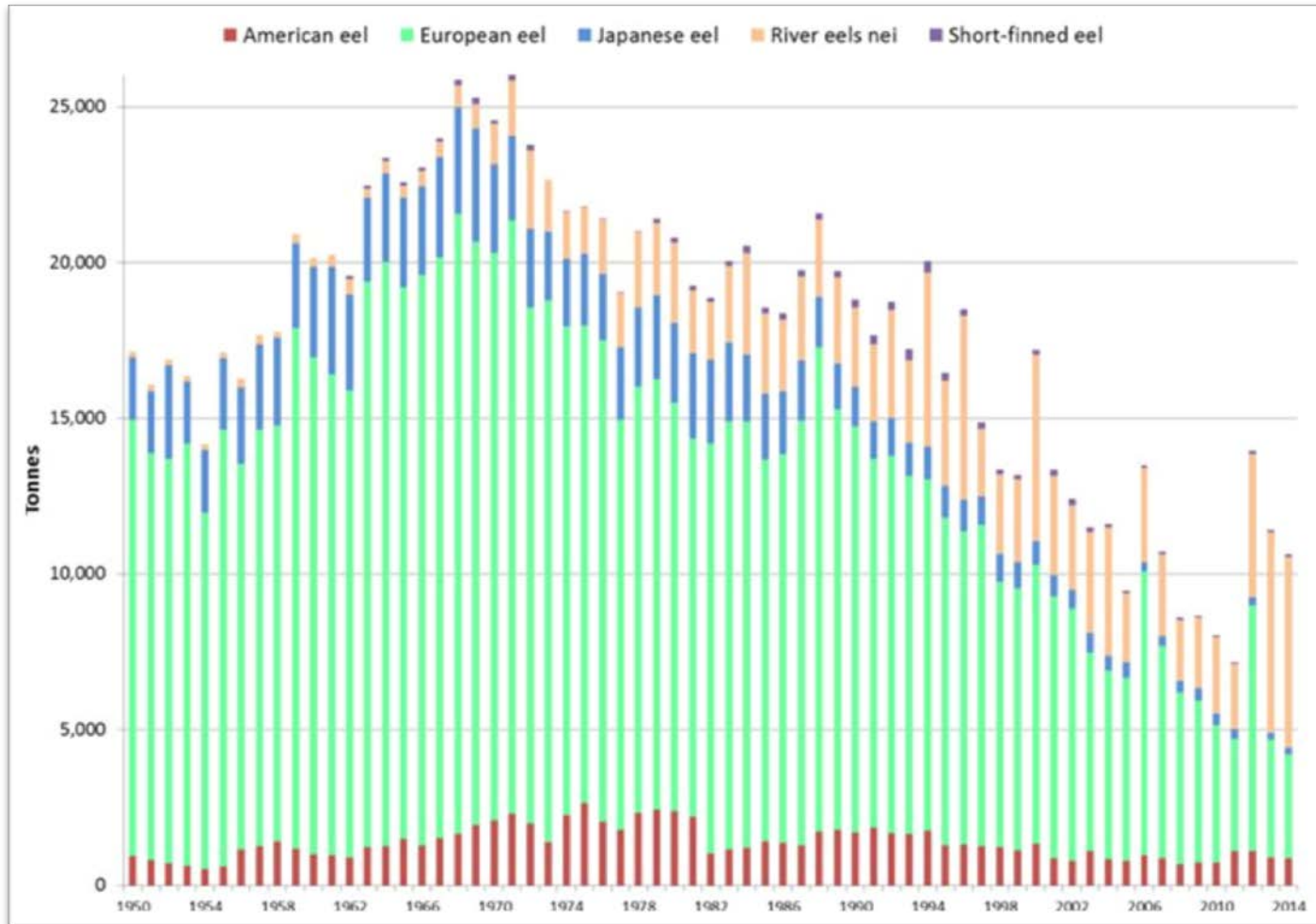
\* average Dutch male

\*\* consume in small doses. Consult your doctor  
if you feel insulted or offended in any way.

# Intro

- Where do we come from?
- Where are we now ?
- Where would we like to be?

# Where do we come from ?



Pay attention to the period 1960-1979

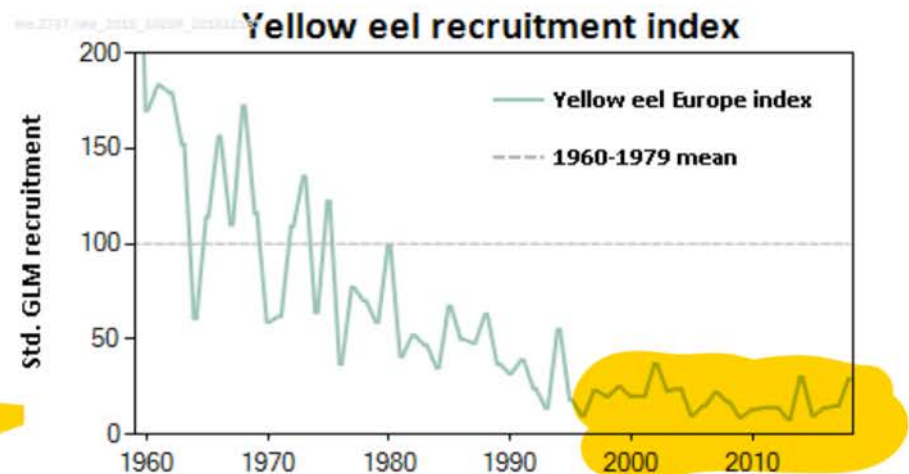
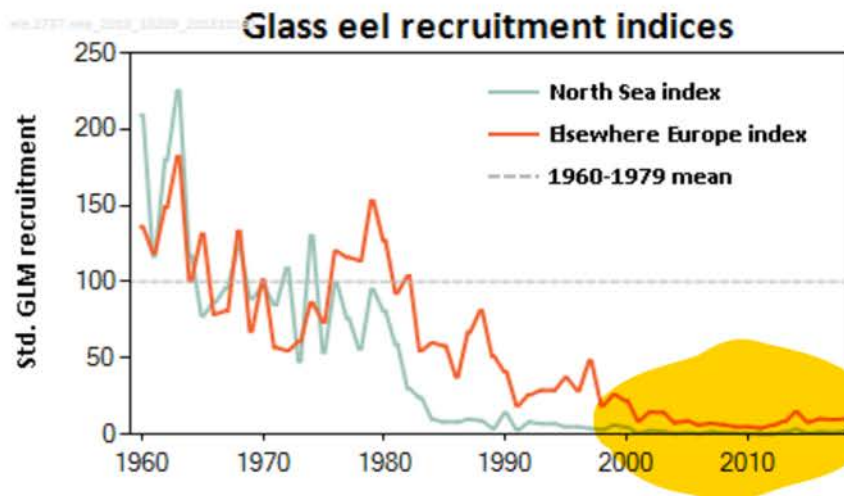
SOME WAKE UP  
TO AN ALARM.  
OTHERS WAKE UP  
TO A CALLING.

Industry realises it has to act.



# Where are we now?

Upmost the most important question!



Northsea index since mid 80' elsewhere since mid 90' on a rather stable low = multiple generations

# Reference or references?

- High between 1960-1979 as reference ?
- Biological carrying capacity, WFMD?
- Available habitat ?

Best practice and be pragmatic

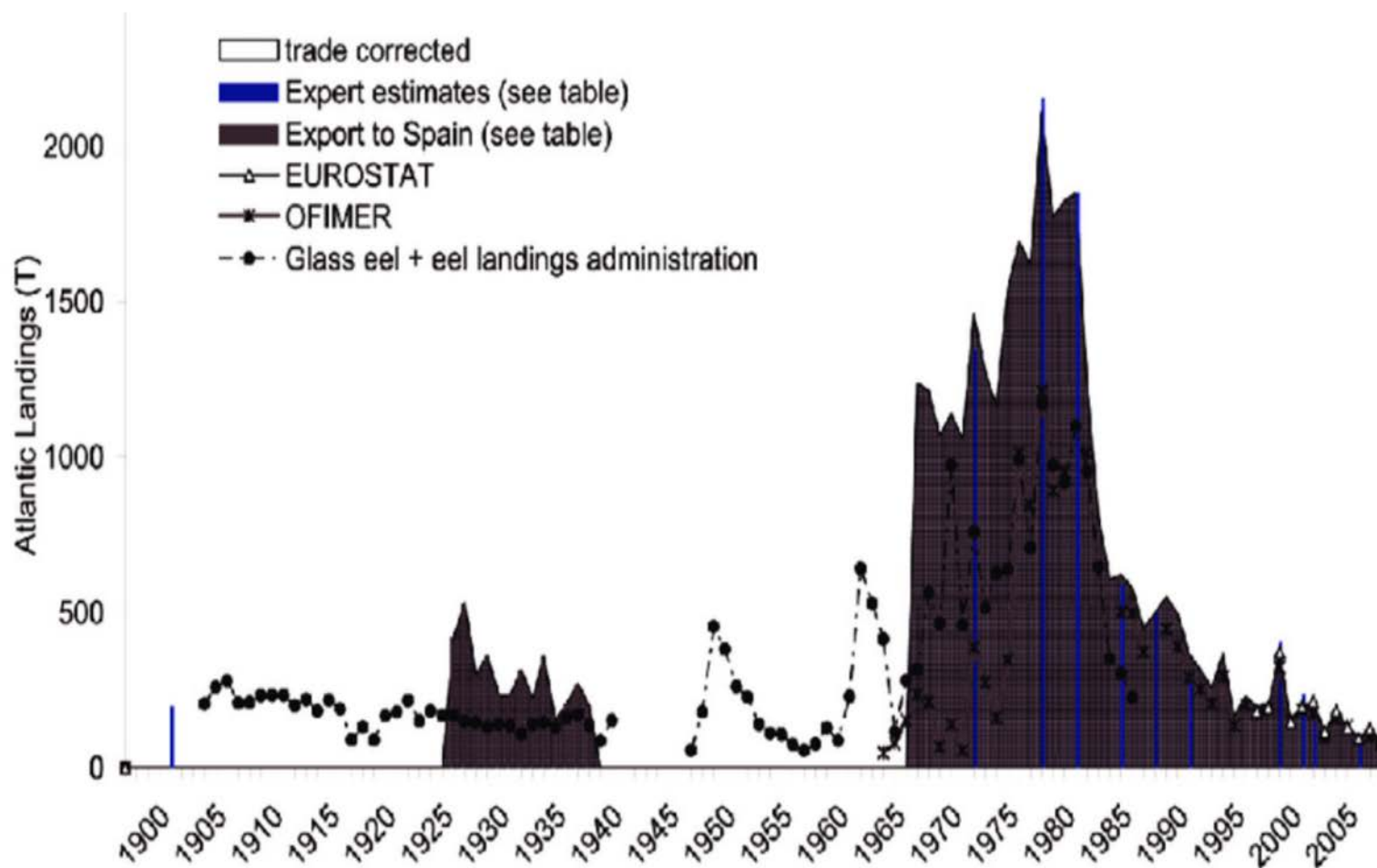
**Reality and common sense!**

# Protection and regulation

- September 2007: EU Eelregulation 1100/2007 came into place
  - Article 1. Protection and sustainable use of the European eel
- March 2009 : The European eel (*Anguilla Anguilla* L.) was included in Appendix II to the Convention on International Trade in Endangered Species (CITES) and Annex B to Council Regulation (EC) No 338/97
  - This was largely due to the threat posed to the conservation of the species by the export of glass eels from the EU to Asia for farming purposes.
  - Main commodity exported before the ban: glass eels.



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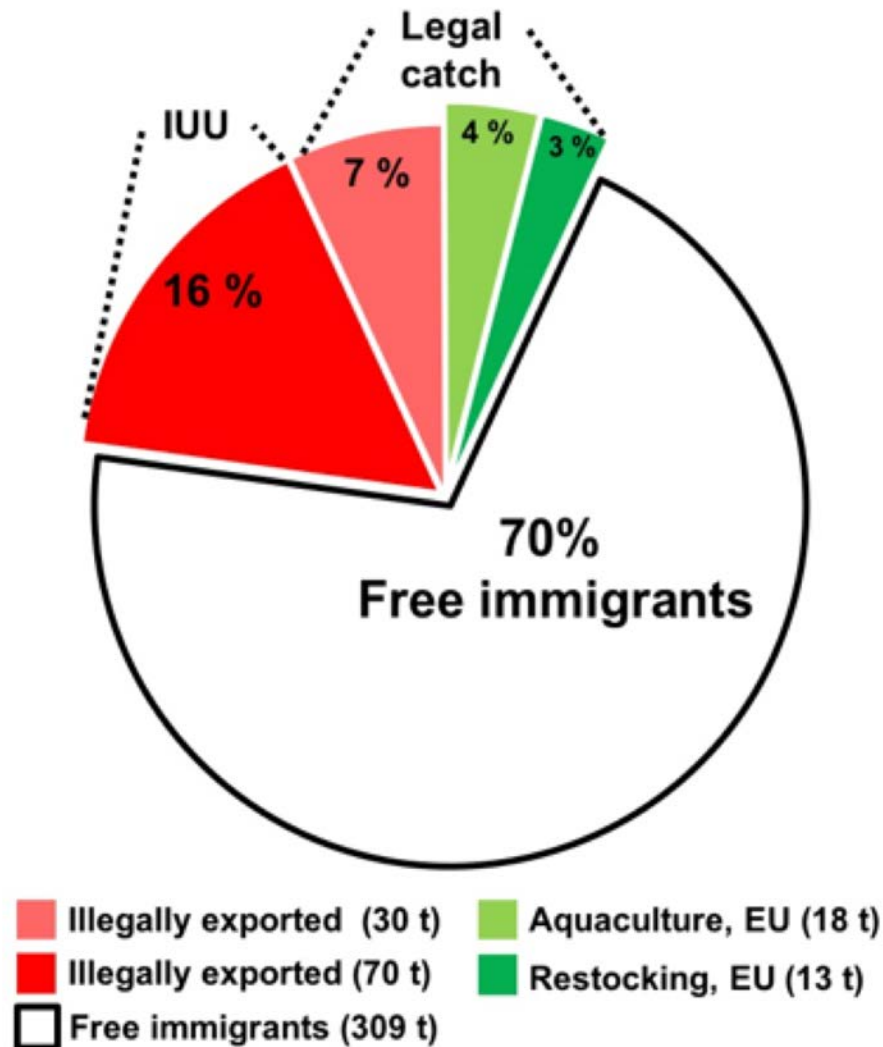


\*France only

# Protection and regulation

2019: Fishing is limited with quotation in time or kgs.

Use for aquaculture is 4% of the estimated yearly arrival of glass eels



# Protection and regulation

EU Eel regulation 1100/2007 article 2:

- Reducing commercial fishing activity
- Restricting recreational fishing
- Restocking measures
- Structural measures to make rivers passable ect.
- Transportation of silver eels (trap, transport and release)
- Combating predators
- Temporary switching-off hydro electric power turbines
- Measures related to aquaculture

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# Where do we want to be?

- The industry wants to accelerate the eel's recovery
- The industry has to act on stewardship
- Nature preservation: The sector together with the NGO's,  
 $1 + 1 = 3$ ?
- Limited commercial use of the stock.
- The sector has build a traceability standard and wants to develop that further from responsible to sustainability standard!



From unlimited and unregulated abuse to limited, traceable, controlled and sustainable use of an enigmatic panmictic specie.



# Standard +

- Protect the eel
- Regulate fishing
- Transparent
- To the highest possible standards
- Form a fund to enable recovery, practical help and scientific research

# First step...



Eel Stewardship Fund  
[www.esf.international](http://www.esf.international)

# Next step:



## **The Sustainable *Eel* Standard**

- Full traceability
- Stop illegal exports of eels
- Closed chain of Custody
- Independent assessments
- Limited use of natural resources

# Important notes

- Eel cannot be ASC or MSC, as discussed with MSC: eel has to have its own standard.
- The progressive part of the European eel industry has shown commitment to SEG and its standard (SES) since 2010
- The whole chain is changing quickly towards the standard across borders.

# Important notes

- The sector realises that the amount of glass eels for consumption (aquaculture) and wild eels from fisheries, will be limited until the stock has recovered.
- Demand for SES eels will increase, specially in retail. Whilst the availability of SES eels will be limited in the beginning, sales through retail will help to built the standard towards sustainability.
- We ask the help of NGO's across borders, to implement the standard and work on recovery of the stock.

# So, where would we like to be?

- Recovery of the stock to maximum biological carrying capacity.
- Limited, strictly controlled and traceable use for human food chain.

