



# Fokusthema Thunfisch

# Was Verbraucher lesen



WISSEN

## Hohe Preise, lange Generationszeit Thunfisch vom Aussterben bedroht

Hier kommt der Autor hin  
09.07.2011, 11:27 Uhr



(Foto: picture alliance / dpa)

THEMEN • TIERE IN DER ERNÄHRUNGSINDUSTRIE • FISCHE

## Thunfische essen? 9 Gründe gegen den Verzehr der Fische

Veröffentlicht am 27. Dezember 2021 von [PETA-Team](#)

02.05.2021 07:30 | NACHRICHTEN > WELT

**AUSBEUTUNG DER MEERE**

## Nun auch Thunfisch vom Aussterben bedroht

WIRTSCHAFT BESTAND SINKT

### Wie der Sushi-Hunger den Thunfisch vernichtet

# Thunfisch: Beliebt, aber gefährdet

# „DER“ Thunfisch?



**GELBFLOSSETHUN**

**GROSSEAUGENTHUN**

**ECHTER BONITO**

**THUNFISCHARTEN**

**WEISSER THUN**

**BLAUFLOSSETHUNE  
(3 ARTEN)**

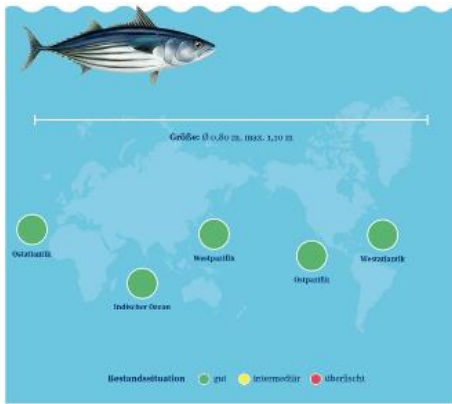


# „DER“ Thunfisch?

Mehr Informationen? Thunfisch im Portrait:  
<https://thunfischbericht.msc.org/>



7 kommerziell genutzte Arten => 23 verschiedene Bestände => globale Fangmenge laut FAO rund 5.2 Mio Tonnen (2022)



## Echter Bonito

(Anteil an FAO-Fangmenge: 58%)

### FAO-Fangmenge:

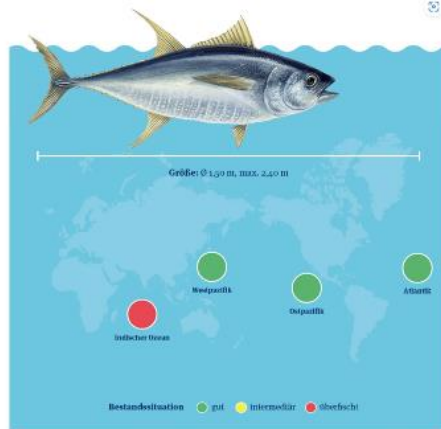
3 Mio. Tonnen

### MSC-Fangmenge:

1,3 Mio. Tonnen

### MSC-Anteil:

44%



## Gelbflossenthun

(Anteil an FAO-Fangmenge: 30%)

### FAO-Fangmenge:

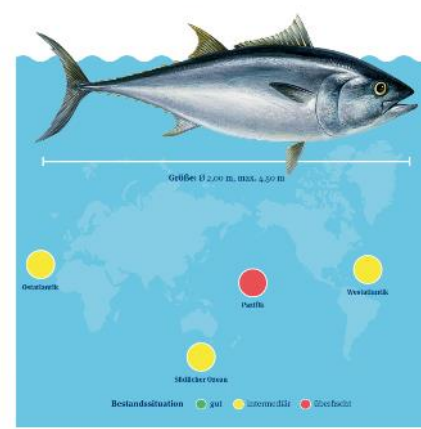
1,6 Mio. Tonnen

### MSC-Fangmenge:

0,3 Tonnen

### MSC-Anteil:

20%



## Grossaugenthun

(Anteil an FAO-Fangmenge: 7%)

### FAO-Fangmenge:

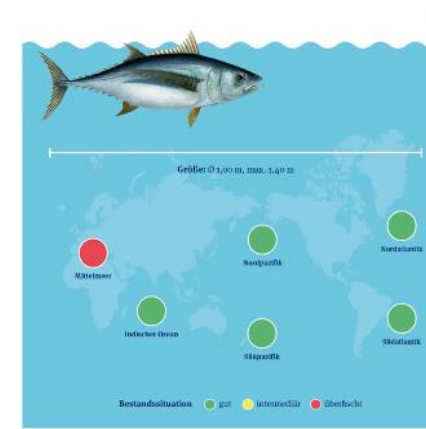
0,4 Mio. Tonnen

### MSC-Fangmenge:

35.000 Tonnen

### MSC-Anteil:

1%



## Weisser Thun

(Anteil an FAO-Fangmenge: 4%)

### FAO-Fangmenge:

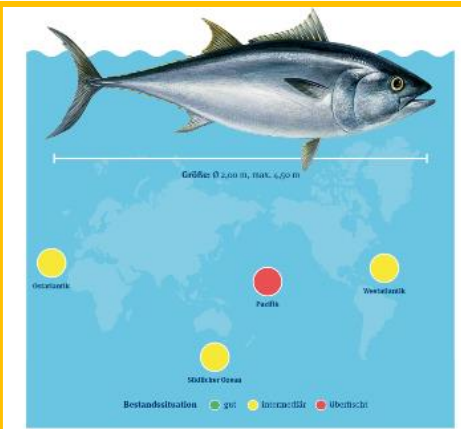
0,2 Mio. Tonnen

### MSC-Fangmenge:

70.000 Tonnen

### MSC-Anteil:

33%



## Blauflossenthune (3 Arten)

(Anteil an FAO-Fangmenge: <1%)

### FAO-Fangmenge:

52.000 Tonnen

### MSC-Fangmenge:

700 MT/Jahr

### MSC-Anteil:

1%

# Aktuell in der Presse



Die Rückkehr der Giganten

## Nordsee: Blauflossenthunfische sind zurück

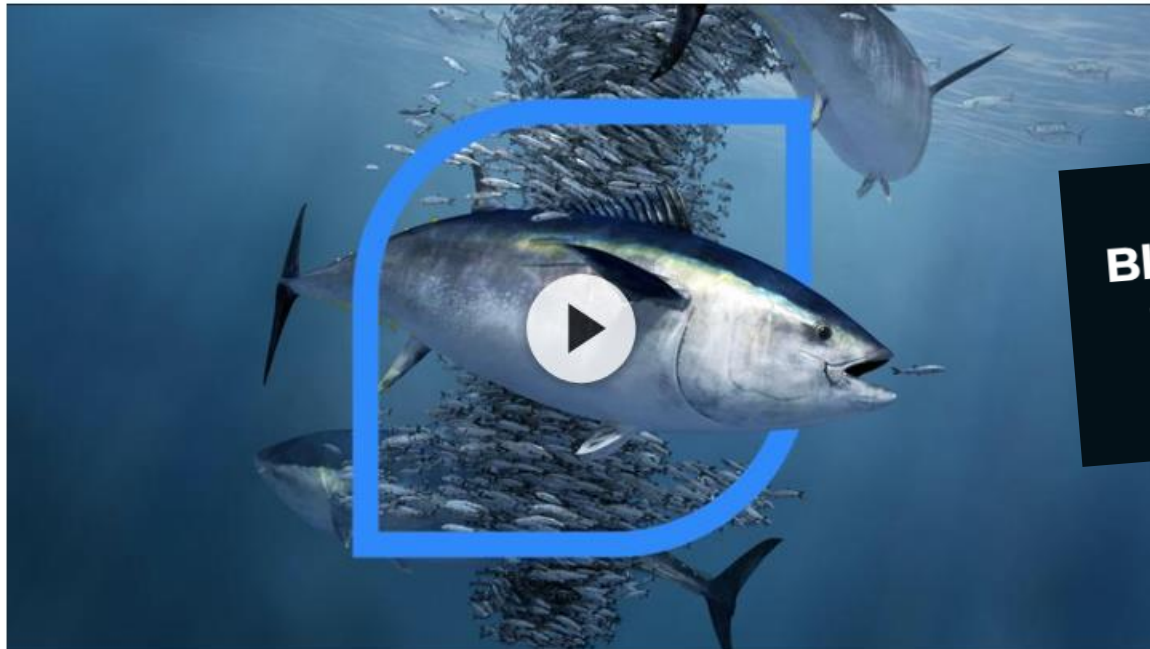


von Britta Kuntz

28.09.2024 | 07:05



**Blaue Flossen, rotes Fleisch: Der Blauflossenthunfisch gilt als Delikatesse und war fast ganz aus unseren Gewässern verschwunden. Durch Fangverbote haben sich die Bestände erholt.**



Nach einer langen Abwesenheit gibt es wieder vermehrt Sichtungen des Blauflossen-Thunfisches in der Nordsee. Experten bewerten diese Entwicklung als positiv für den Fischbestand.

Jahrzehntlang war der atlantische Thunfisch aus unseren Breitengraden verschwunden. Auf der Roten Liste der Weltnaturschutzunion IUCN wird der gigantische Fisch aufgrund von Überfischung als "vom Aussterben bedroht" gelistet. Doch in den vergangenen Jahren wurde der Blauflossen-Thunfisch, auch Roter Thun genannt, wieder häufiger bei seiner Wanderung zwischen dem Mittelmeer und der Nordsee gesichtet.

SENSATIONELLES COMEBACK

## Blauflossen-Thunfische kehren in die Nordsee zurück: Meeres-Giganten wieder gesichtet

Aktualisiert: 14.10.2024 · 09:00 Uhr · Joachim Vonderthann

manchen – Eine Meldung der [Deutschen Stiftung Meeresschutz](#) dürfte nicht nur Fisch-Enthusiasten freuen. Der bereits vor über 50 Jahren verschwundene rote Thunfisch kehrt in die Nordsee zurück – ein Erfolg jahrelanger Arbeit gegen Überfischung.



# Eastern Atlantic & Mediterranean Bluefin Tuna

A recovery leading to MSC certification

Julio Agujetas [julio.agujetas@msc.org](mailto:julio.agujetas@msc.org)  
Senior Fisheries Manager, Mediterranean Spain  
MSC Spain & Portugal

# Bluefin tuna species & stocks



Where bluefin live and how much is caught in each RFMO by metric tonne.



STOCK	CATCH	SSB	F
<u>PO-PBF</u>	17		
<u>AO-BFT-E</u>	35		
<u>AO-BFT-W</u>	3		
<u>SH-SBT</u>	17		



Southern bluefin tuna, *Thunnus maccoyii*

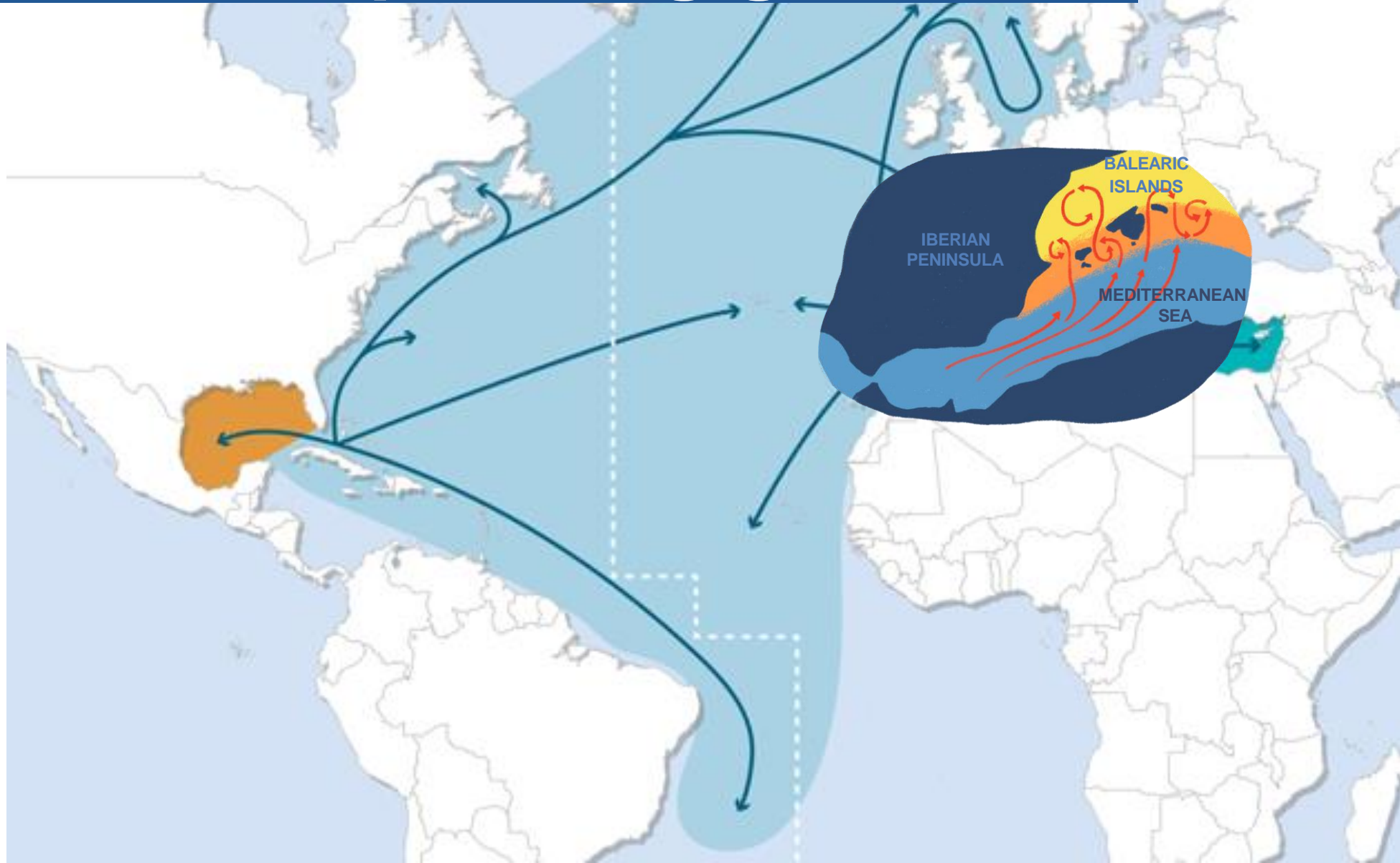


# Atlantic Bluefin Tuna (ABFT)

*Thunnus thynnus*

- ABFT enjoy a life span over **35 years**
- Age at first reproduction: **3 to 5 years**
- Adults tolerate temperatures ranging from **4°C to 30°C**
- Can swim at average speeds of **45 km/h** and accelerate as fast as **110 Km/h**
- They feed on fish, squid and crustaceans
- Can dive deeper than **1,200 m**

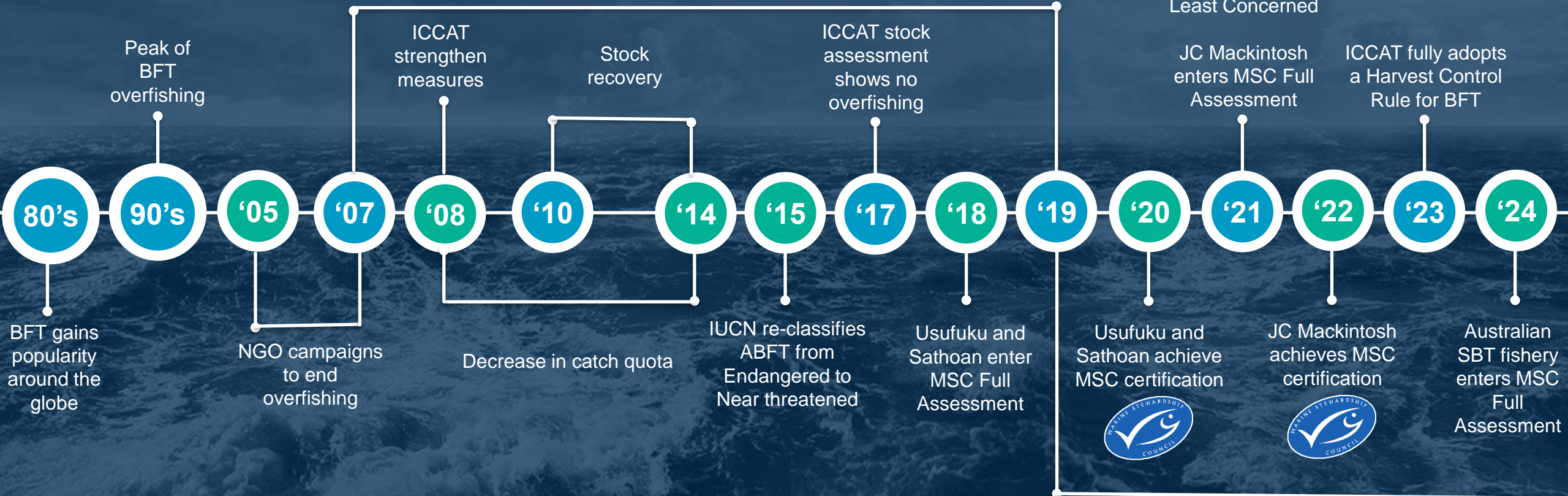
# Migration & spawning grounds



# The ABFT history



## Recovery Plan



## Management Plan

# THE ATLANTIC BLUEFIN TUNA: THE PATH TO AN AMAZING RECOVERY

- Estimated amount of adults
- Allowed catches
- Declared catches
- Estimated illegal catches



**2007**  
The ICCAT  
strategic recovery  
plan is  
implemented.

Continuing popula-  
tion increase.  
873,353 t in 2018

**2008 /**  
Restrictive bans and stricter  
control of illegal fishing.



**2003 /**  
High larval survival rate  
in warm years  
helps future recovery.



**2007**  
Weight limit  
set at  
30 kg



**2012 /**  
Counting systems are improved and  
enforced in tuna fattening farms.



**NGO  
pressure:**  
Public opinion  
puts the focus on overfishing.



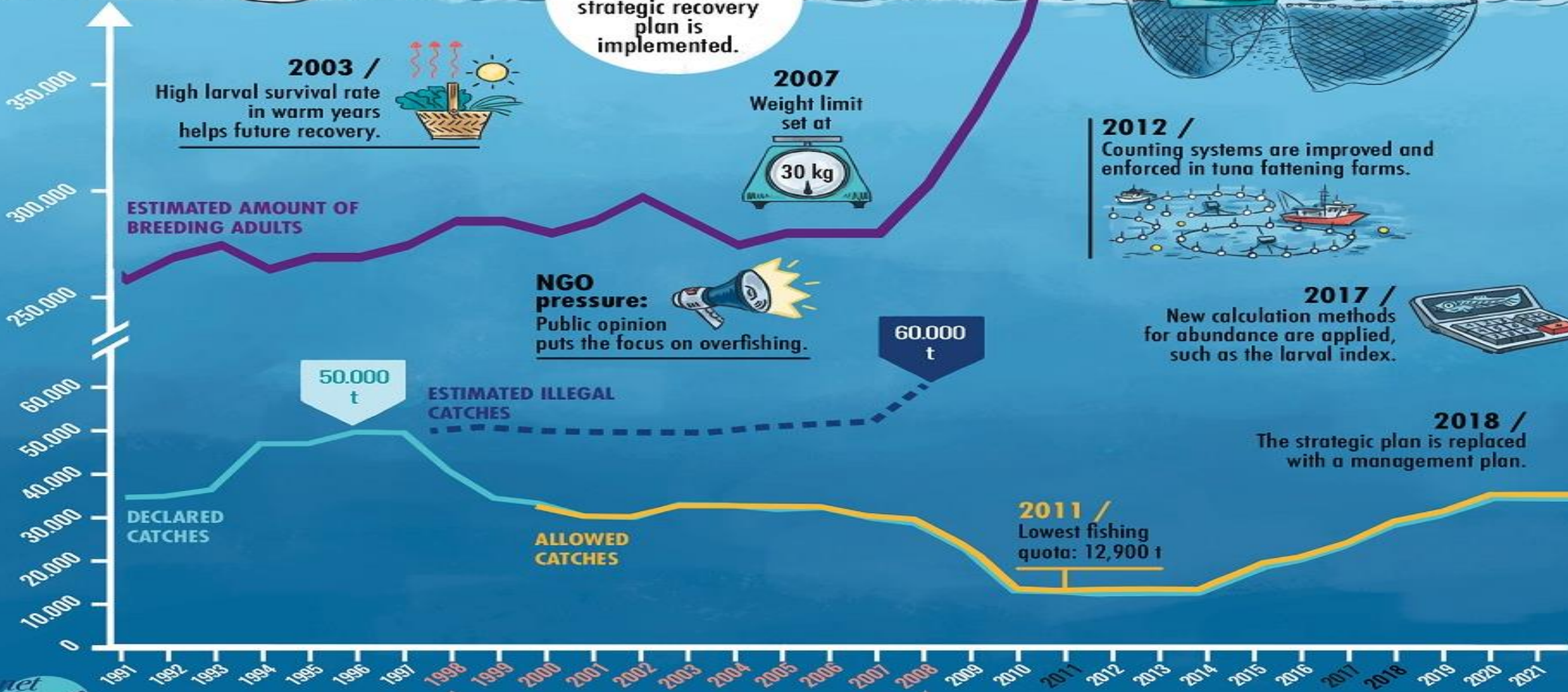
**2017 /**  
New calculation methods  
for abundance are applied,  
such as the larval index.



**2018 /**  
The strategic plan is replaced  
with a management plan.

**2011 /**  
Lowest fishing  
quota: 12,900 t

TONS (T) OF ATLANTIC BLUEFIN TUNA



Data provided by  
ICCAT Secretariat

critical years

Source: Panet Tuna

YEARS

# Management measures in place



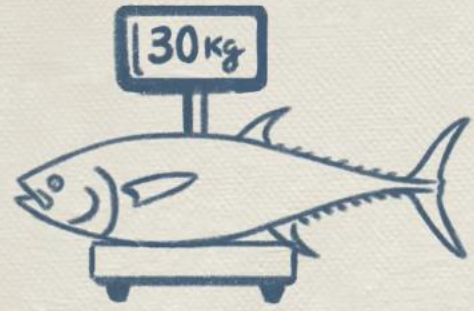
**Quota reduction**



**Prohibition of technical assistance to fishing**



**Prohibition of juvenile fishing**



**Reduction in IUU fishing**



**NGOs' pressure**



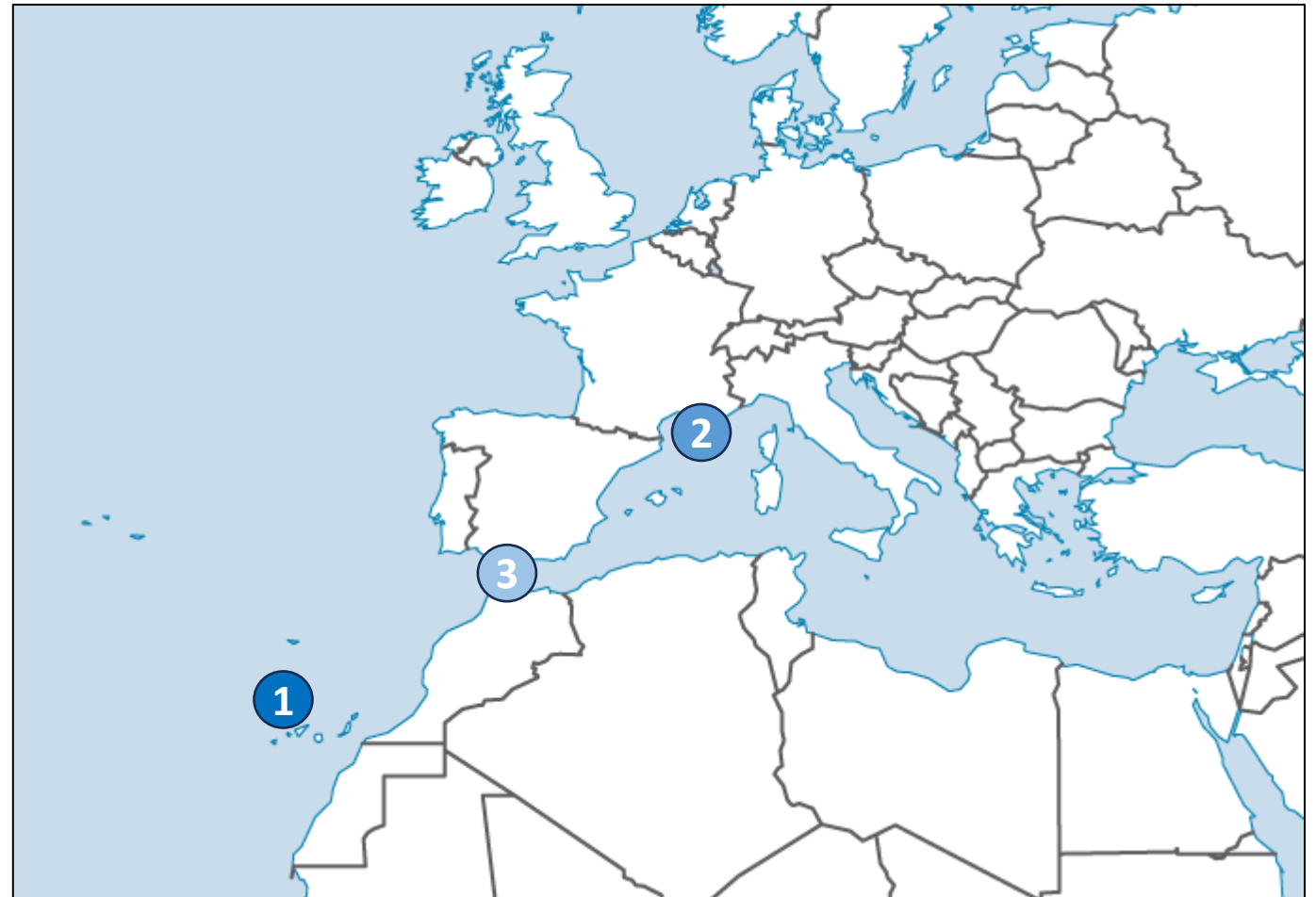
**Time and area closures**



# Eastern ABFT in the MSC Program



1	Usufuku Honten Northeast Atlantic longline	71.4 mt	Cert. 2020
2	SATHOAN French Mediterranean bluefin tuna artisanal longline & handline	527 mt	Cert. 2020
3	JC Mackintosh Greenstick, handline & fishing rod bluefin tuna	100 mt	Cert. 2022



# Progress Against Conditions for Improvement (Year 2024)



		Usufuku Honten	SATHOAN	JC Mackintosh
Principle 1	PI 1.1.1 Stock status	Yellow	Yellow	Yellow
	PI 1.2.2 Harvest Control Rules	Green	Green	Green
	IC 1.2.3 Information and monitoring	Green	Yellow with ?	Yellow with ?
Principle 2	Primary species	PI 2.1.2 Management	Yellow	
		PI 2.1.3 Information	Green	Yellow
	Secondary species	PI 2.2.2 Management		Yellow
		PI 2.2.3 Information		Yellow
	ETP species	PI 2.3.1 Outcome		Yellow
		PI 2.3.2 Management	Yellow	Yellow
PI 2.3.3 Information		Yellow	Yellow	

**Danke!  
Thank  
you!**



**Any questions please contact:  
[julio.agujetas@msc.org](mailto:julio.agujetas@msc.org)**



**Sustainable management of iconic Mediterranean bluefin tuna:**

**Insights from the MSC certified JC Mackintosh Greenstick  
handline and fishing rod bluefin tuna fishery**

**Daniel Mackintosh, JC Mackintosh Artisanal Bluefin Tuna Fishery**



## JC MACKINTOSH: INNOVATION AND TRADITION IN BLUEFIN TUNA FISHING

JC Mackintosh is a family-run bluefin tuna artisan company based in Tarifa, committed to sustainable fishing and respect for the environment. Their dedication to these principles, together with the natural wealth of the region, allows them to offer top quality bluefin tuna to the world's most discerning consumers.

The company is recognised as the first bluefin tuna fishery in Spain to obtain the prestigious MSC sustainable fishing seal. This certificate, which evaluates more than twenty parameters, is one of the most rigorous and respected internationally. JC Mackintosh is the third fishery in the world to obtain this distinction and the first in Andalusia for any marine species.



JC Mackintosh has adopted the advanced Japanese PROTON magnetic freezing technology, which protects the product during freezing and prevents loss of quality during thawing.



# JC MACKINTOSH: INNOVATION AND TRADITION IN BLUEFIN TUNA FISHING

## Commitment to Sustainability

The JC Mackintosh business model is based on three fundamental pillars: animal welfare, quality and sustainability. All the company's employees receive specific training in the application of the 5 Mackintosh Steps, which are carried out by hand and on board the vessels, immediately after the catch.

Thanks to advanced logistics and state-of-the-art transport and traceability systems, the company ensures the delivery of the tuna within 24 hours within Spain and within 48 hours for international shipments, guaranteeing the maximum freshness of the product.



## History and Tradition

The Mackintosh name has been linked to the sea since 1854, when John Mackintosh, a young Scotsman, arrived in Gibraltar and founded a thriving shipping company trading throughout the Atlantic. The current owners of JC Mackintosh are direct descendants of John Mackintosh. Today, the company is run by Juan Carlos Mackintosh, who moved to Tarifa in the 1980s, attracted by the sport fishing and lifestyle of the region. Together with his two sons and daughter-in-law, he continues the family tradition with a team of 30 employees.

## Fleet

JC Mackintosh has a fleet of four boats equipped with state-of-the-art technology: Barbara and Sandra, Maria Inmaculada, Daserbe and Muñí. These vessels, between 10 and 15 metres in length, are always available to guarantee sustainable and environmentally friendly fishing.



## WHAT IS THE GREEN STICK?

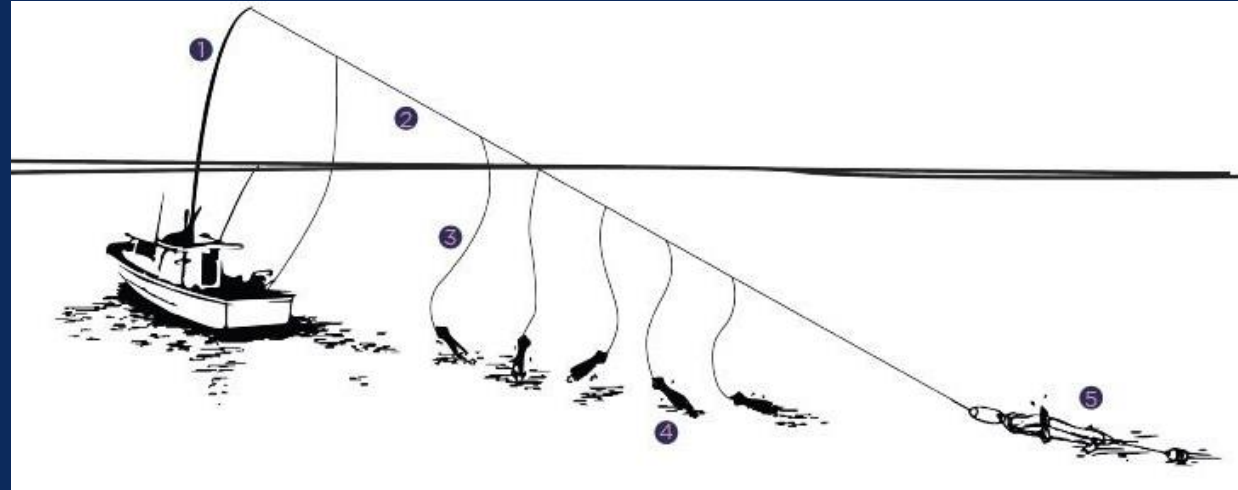
The practice of the Green Stick bluefin tuna fishing technique began many years ago in Japan, then it was exported to North America, and from there it went to Hawaii, where it has become the most common practice due to its effectiveness and for being tremendously exciting and fun.

In the world of extreme fishing, the most experienced captains and skippers in the world have begun to put it into practice, especially in Costa Rica, the Caribbean and the Bahamas.

Green Stick is associated with the ecology of sustainable fishing as it is perhaps the most selective of all known fishing practices and techniques, limiting catches to large tunas that feed on the surface after being properly excited, and also when using artificial lures and not live or frozen bait. At the same time, this technique eliminates the occasional and accidental capture of species such as turtles, dolphins, sharks, etc.



## WHAT IS THE GREEN STICK?



### 1. Green stick

It is a twelve-metre pole whose mission is to keep the lures high above the water.

### 2. Main line

It is wound on the hydraulic reel and from it hangs the gametes, which the green stick raises above the water.

### 3. Gametes or legs

These are shorter lines to which the lures are attached.

### 4. Lures

They imitate fish or squid, are made of silicone and brightly coloured, and are fitted with a large hook.

### 5. Exciter

Its mission is to keep the line taut so that the lures lightly touch the water; it also imitates the splash of a tuna fishing.



# JC MACKINTOSH: INNOVATION AND TRADITION IN BLUEFIN TUNA FISHING

## THE 5 MACKINTOSH STEPS

They avoid the suffering of bluefin tuna.  
They must be executed by hand at the moment of capture.  
Thus they enhance all its texture and flavor.



**SUFFERING  
FREE FISHING**



**IKE JIME  
SACRIFICE**



**FULLY  
BLED**



**EVISCERATED**



**CONTROLLED  
COOLING**



# JC MACKINTOSH, THE FIRST BLUEFIN TUNA FRISHERY IN SPAIN TO OBTAIN THE MSC SUSTAINABLE FISHING CERTIFICATE

JC Mackintosh leads the bluefin tuna market in Spain with the world-renowned MSC sustainable fishing certificate.

Also, it is the first Andalusian fishery of any type of fish and seafood certified under the MSC sustainable fishing standard.

The MSC Sustainable Fishing Certificate is widely recognized as the most rigorous and valued assessment process in the world.

Achieving MSC certification has been a key factor in our company's growth and sustainability strategy. This recognition not only endorses our responsible fishing practices, but has also opened doors to new high-value markets, where consumers and business partners demand high quality, sustainably sourced products.

However, this success would not have been possible without the implementation of new marketing lines. To meet the growing demands for quality and freshness in these markets, we have incorporated advanced deep-freezing technologies, such as the innovative PROTON magnetic freezing.



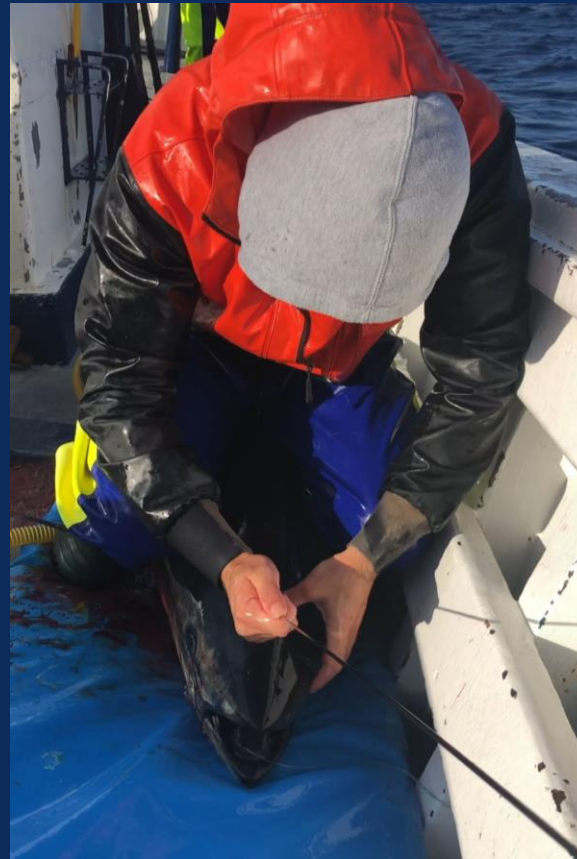
## OTHER AWARDS





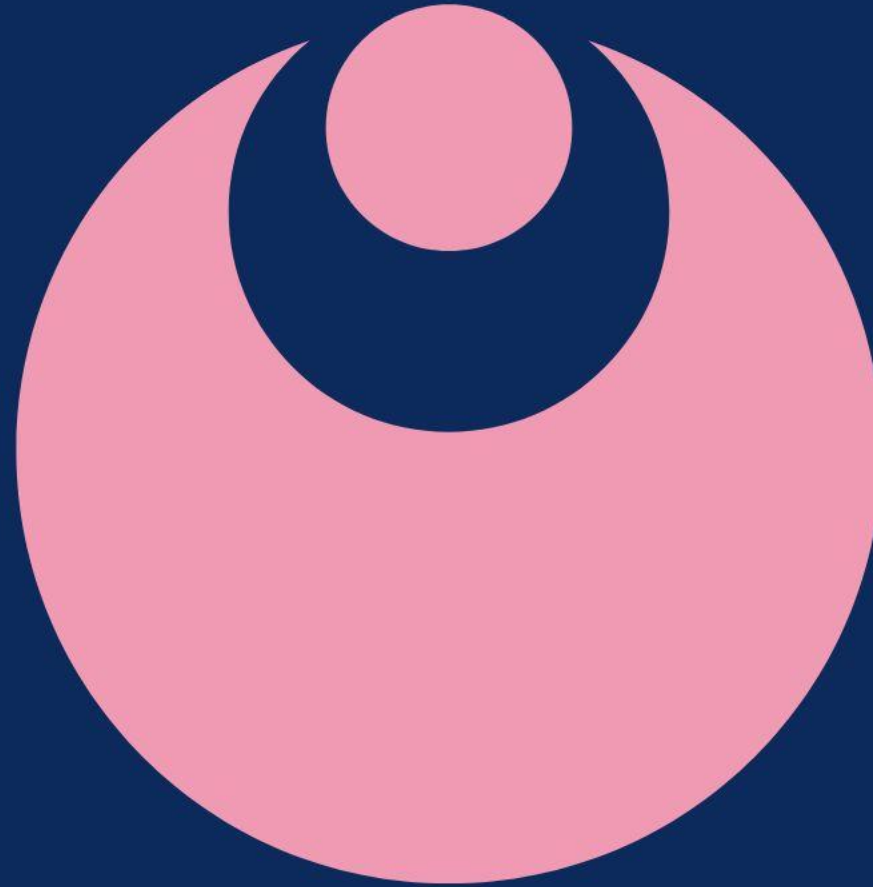
## PROMOTIONAL VIDEO

Link Promotional video on Youtube JC Mackintosh: <https://youtu.be/mnl6D8iswF4?si=cXbRgvpsLt7p99nN>



THANK YOU.

QUESTIONS?



JC MACKINTOSH