



**FMIG 17/04/24**

**Selectivity - Approaches & Technologies**

**The importance of having fishers at the heart of Precision Fishing.**

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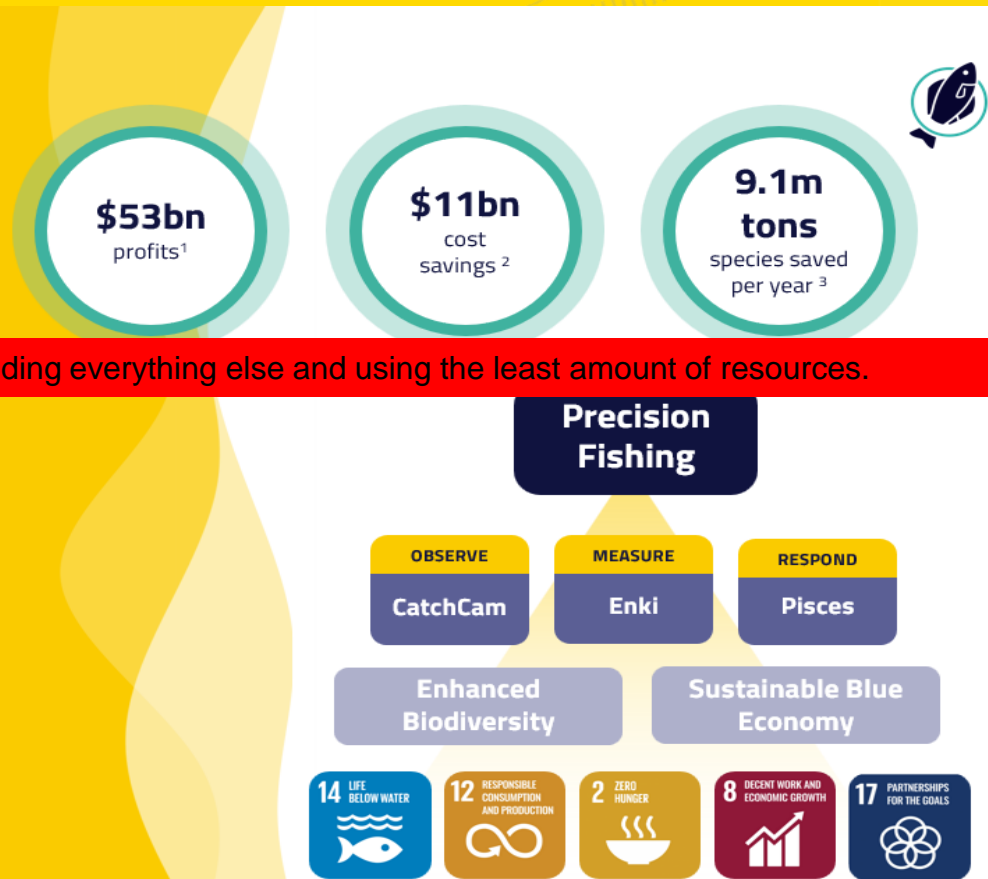
**SafetyNet Technologies**



# Precision Fishing?

## Precision Fishing enables economically and environmentally healthy fisheries

Fishers definition - Catch what you need to catch, avoiding everything else and using the least amount of resources.



# Selective fishing – there is a lot happening

- UK Gear Forum
- Fishing Gear database
- Gov funded Project (FIPS etc.)
- Northern Ireland Gears .....
- International (ICES etc.)



# But change is difficult

- Costs
- Knowledge / Awareness
- Not a 1 size fits all
- Incentives





# Approach is critical

- We must work hand in hand with the fishers
- Use the right tools
- Communicate better
- Clear the way for adoption



# Approach is critical

<https://www.youtube.com/watch?v=BexuUzxq-RM&t=5s>



# Precision Fishing tools

- If you can't measure it you can't manage it!

## SeaSensor



## CatchCam



# Seeing is knowing

[https://www.youtube.com/watch?v=N\\_nJ4Somd-o](https://www.youtube.com/watch?v=N_nJ4Somd-o)





# Seeing is knowing

<https://www.youtube.com/watch?v=ieYJtYVIgpl>



# Seeing is knowing

<https://www.youtube.com/watch?v=u9W9esfQvJQ&t=1s>



# Precision Fishing incentives

- Operational efficiency
- Ecological efficiency

<https://www.youtube.com/watch?v=O4nAnfH0zzs>



# Precision Fishing incentives

<https://www.youtube.com/watch?v=KzU7dWkOz2k&t=1s>

- Operational efficiency
- Ecological efficiency
- Present the facts



# Future work Priorities

- Measuring the impacts of fishing gears & developing / trialling mitigation measures
- Selectivity & Fish behaviour
- Catch welfare and quality







# Thank you & Questions

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