Wkirish: Harnessing Fisher Knowledge. an Example of Positive Collaborative Research

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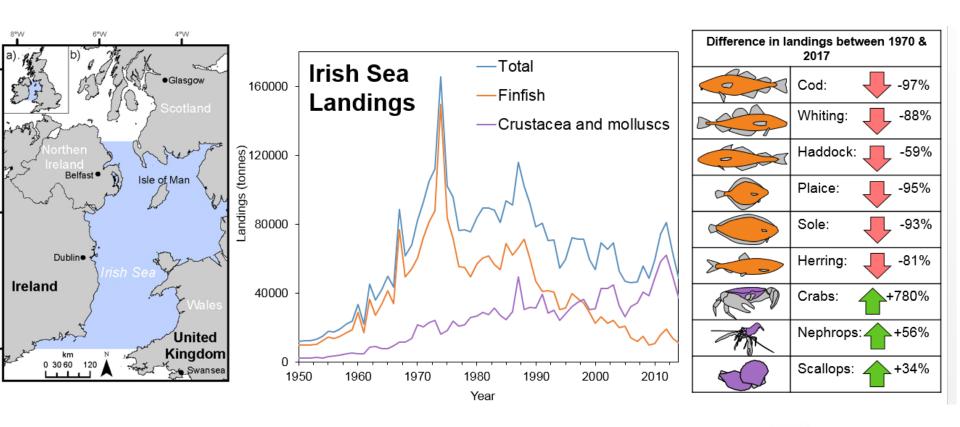






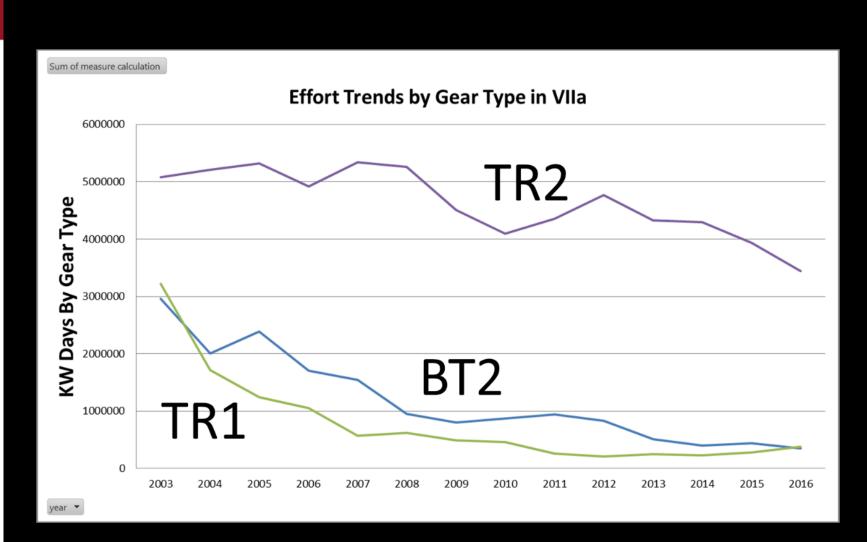


The problem

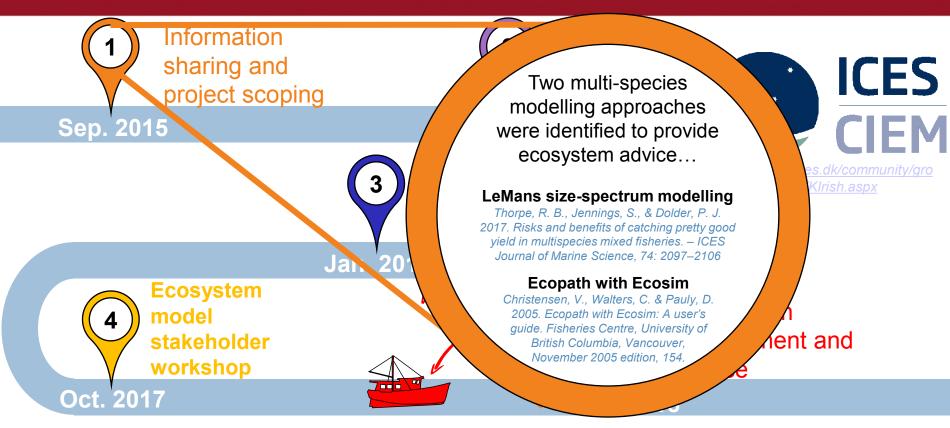




The problem



WKIrish





The Solution?

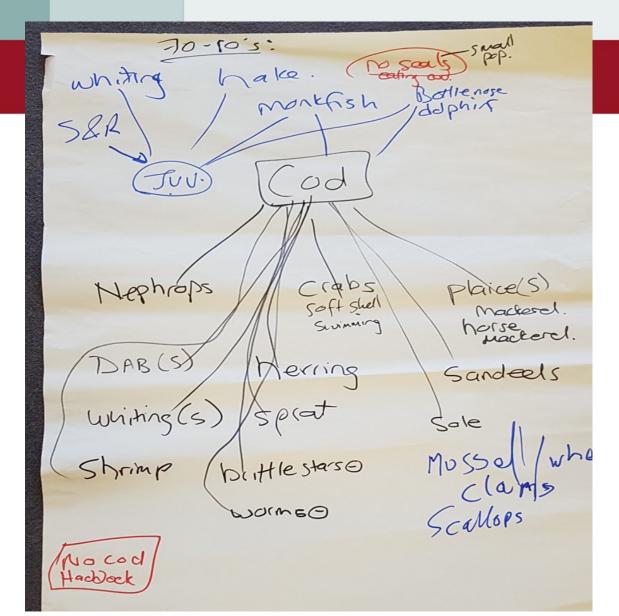
Ecosystem modelling Ecopath and Le Mans Framework

- Base year 1975
- But no long term diet data
- Effort data back to 2003 only

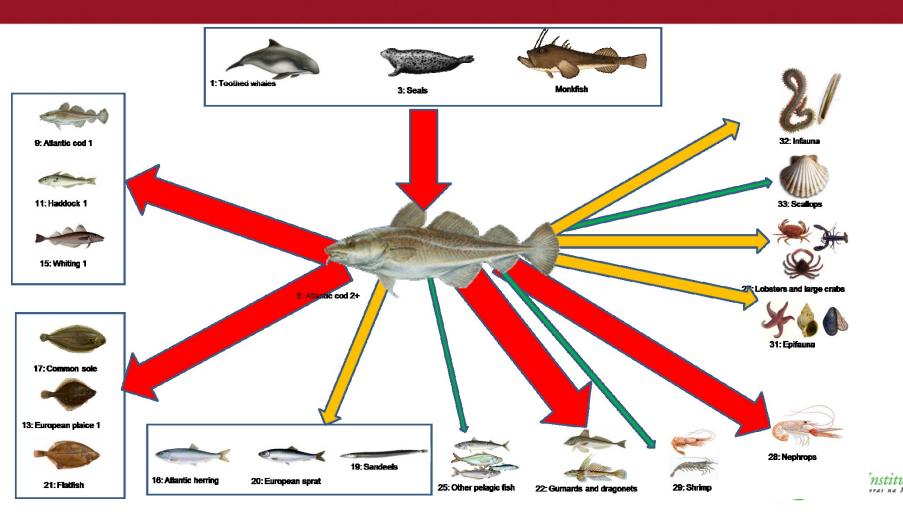


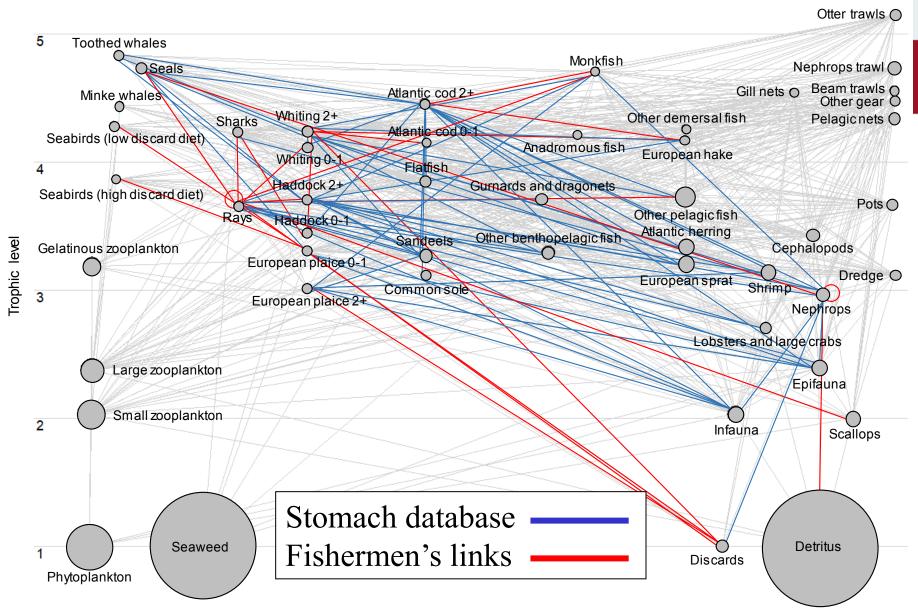


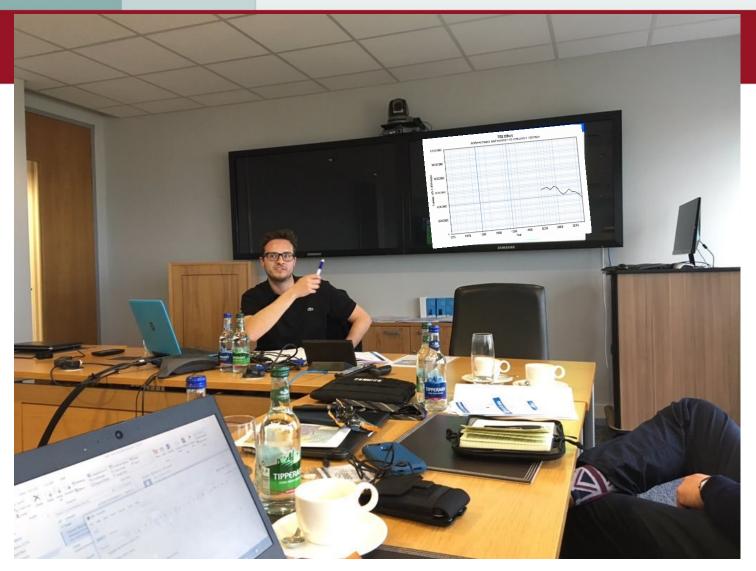






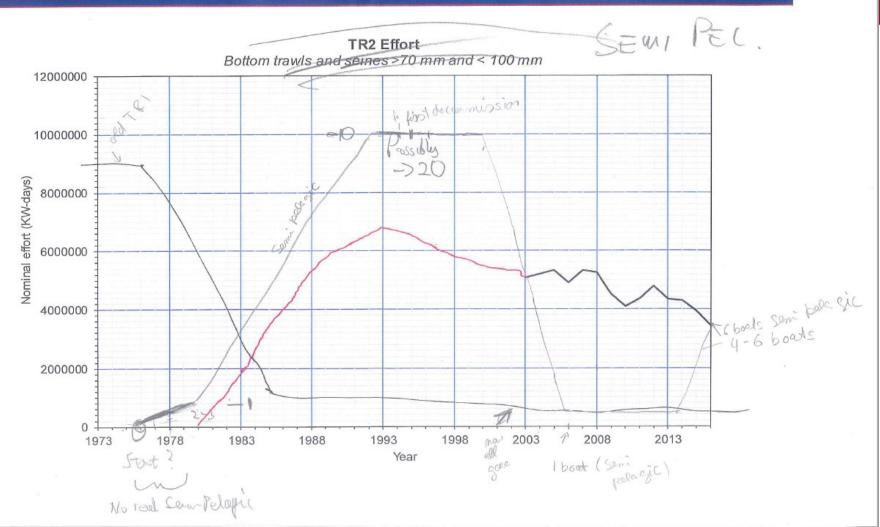




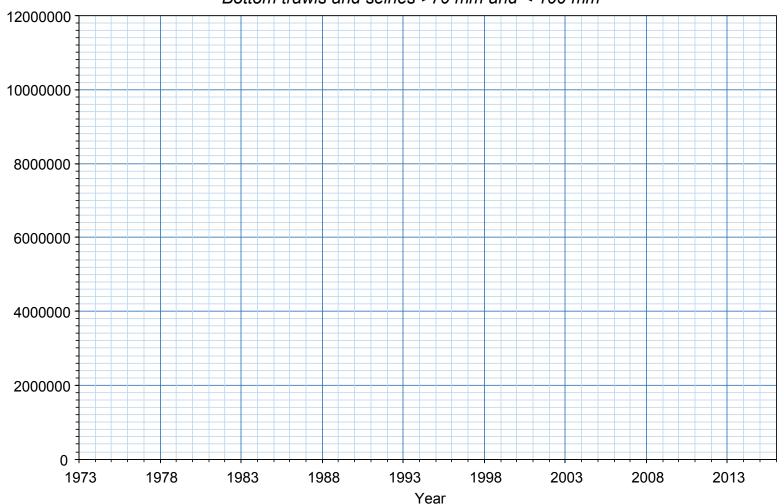




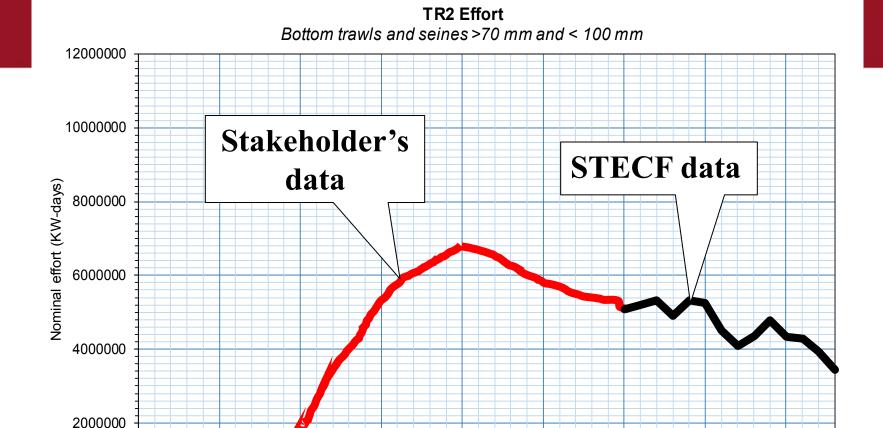
Ecopath: What did effort look like back in the day?



TR2 Effort
Bottom trawls and seines >70 mm and < 100 mm

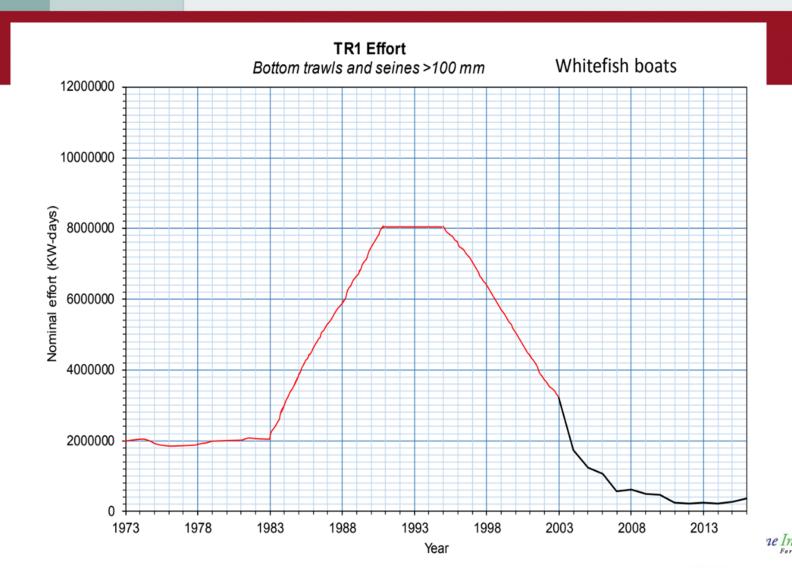




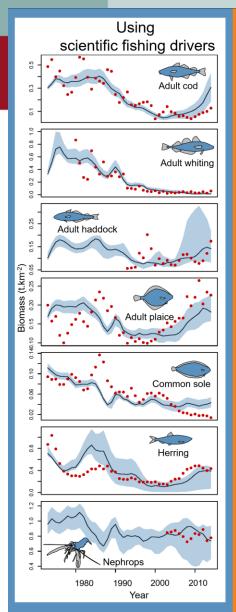


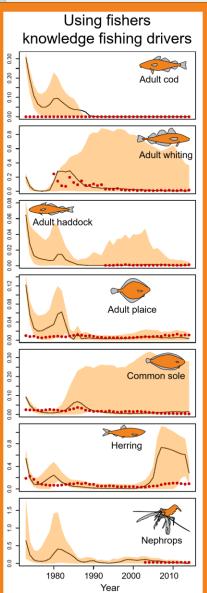
Year

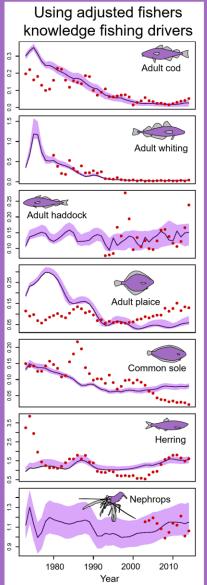


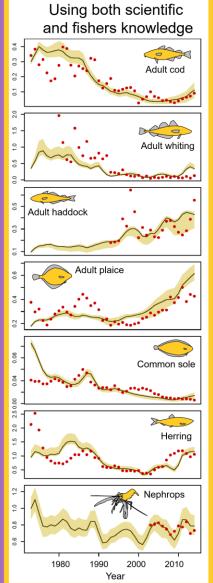


How does this work in the model?









WKIrish 5 Terms of Reference

- a) Review and report on the from the EwE and Le Mans modelling (WKIrish4), future scenarios.
- b) Review stock mixing Irish Sea and adjacent waters (Celtic Sea and West of Scotland) and recommend a roadmap for future research.
- c) Review and summarize individual stock trends based on the most recent assessments following on the WKIrish2 and WKIrish3 benchmarks.
- d) Synthesise the ecosystem modelling and benchmark assessment outcomes, and make recommendations for future EBFM in the Irish Sea.

