Stakeholder Involvement in Fishing Gear Development
ICES WKMSIGD

Jordan Feeings, Daniel Valentinsson, Tiago Veiga-Malta, Ludvig Krag

DTU Aqua
National Institute of Aquatic Resources
Agenda

- Background
- Objectives
- Outcomes
The landing obligation and gear selectivity

- Gears will need to match quotas
- Fishermen will need to modify their gears more actively throughout the year
- Gear modifications on a vessel not fleet level

Melli et al., 2018.
The top-down approach

- Slow and inflexible
- Gears often sensitive to small changes
- Small changes = large effect

![Graph showing fishery and gear trial retention probability vs length (cm)](Krag et al. 2016)
Proposal for a new technical measures framework

>Create flexibility through regionalisation

>Increase stakeholder involvement

>Simplify the current rules
A need for a larger toolbox
Industry-Science initiatives established

- Fast-Track
- GITTAG
- The secretariat for selective fishing
- Trawl Innovation Cutter Fisheries
- Combituig
Industry-Science initiatives established

- Coordinated nationally
- Different roles for different stakeholders
- Different funding structures
- Different incentives for involvement
- Different data collection methods
What are WKMSIGD’s objectives?

- Outline the objectives of the different initiatives
- Understand what these initiatives can achieve
- Define the risks and problems already encountered
- Identify the roles of the different stakeholder groups
- Develop an advice and best practice document
WKMSIGD Report (An advice and best practice document)

- Review initiative structures
- Stakeholder roles
- Incentive structures
- Data collection: types and methodologies
- Communication and dissemination
- Funding of initiatives
- Future work to improve methodologies
- International collaborations
Conclusions

- Stronger leadership from the regional groups is warranted.

- Greater coordination among science-industry gear development initiatives is needed.

- More effort devoted towards having effective gear solutions implemented into legislation/encouraging their uptake.

- Relaxed implementation and uncertainty surrounding the LO has reduced the drive by the industry to develop and test gears.

WKMSIGD Report
Thanks for listening

Jordan Feeings
DTU Aqua
jpfe@aqua.dtu.dk