

KingGrid an innovative design paradigm for rethinking sorting grids

Juan Santos, Frederik Furkert, Daniel Stepputtis, Annika Brüger

Thünen Institute of Baltic Sea fisheries



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Beam trawl fishery targeting Brown shrimp Sieve-nets: The prevalent bycatch-reduction tech.



THÜNFN

07.03.2024 Page 2 NSAC/EAPO Symposium on Innovative Fishing

Precision-fishing: re-imagining bottom-trawling through innovative gear

Sorting grids Re-evaluating an abandoned technology

- Small device in accessible zone of the trawl
- Clogging events easier to clean
- **But...** Heavy, rigid, not problemdriven design, fixed selectivity
- Shift in design paradigm required!!



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KingGrid A new design paradigm



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KingGrid Technology transfer



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KingGrid: an innovative design paradigm for sorting grids Summary

- Large technological innovations to define the fisheries in the future, but...
- Image: many fishery problems require immediate solutions
- KingGrid or how small innovations can be the game changers of today
- Back to the future: old tech. concepts can inspire solutions to present problems

THANK YOU FOR YOUR ATTENTION

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