

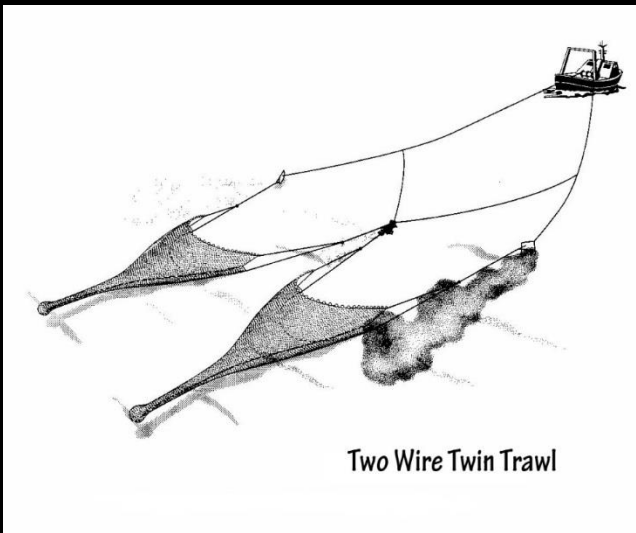
Concerns and initiatives with rays in Dutch demersal fisheries

Jurgen Batsleer, Science and Policy Advisor



Main fisheries

≤ 300 hp



> 300 hp

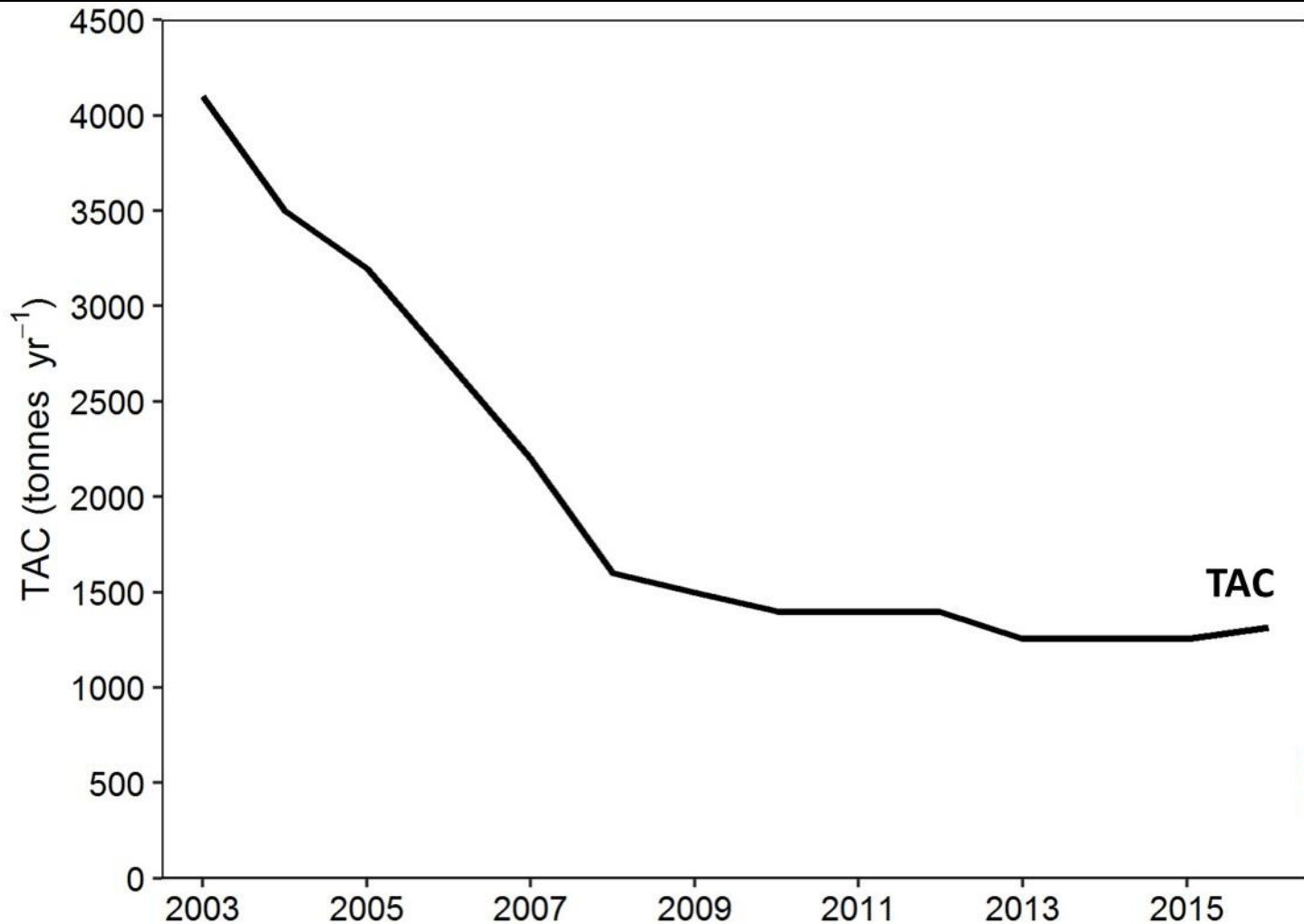


Distribution



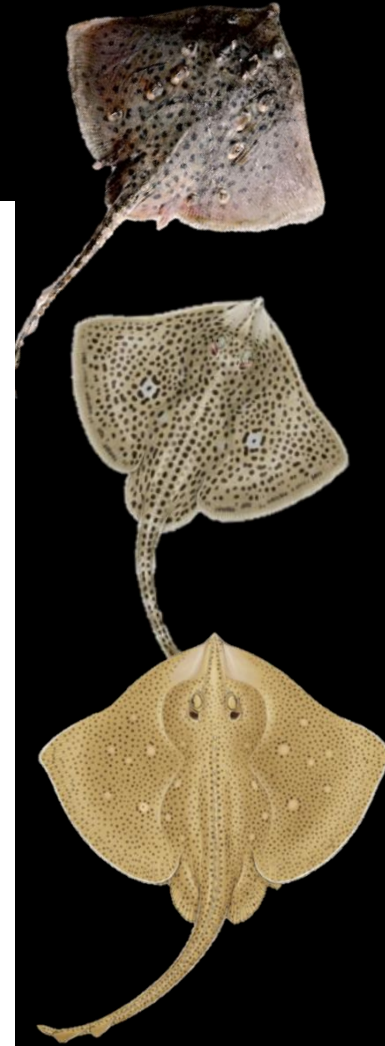
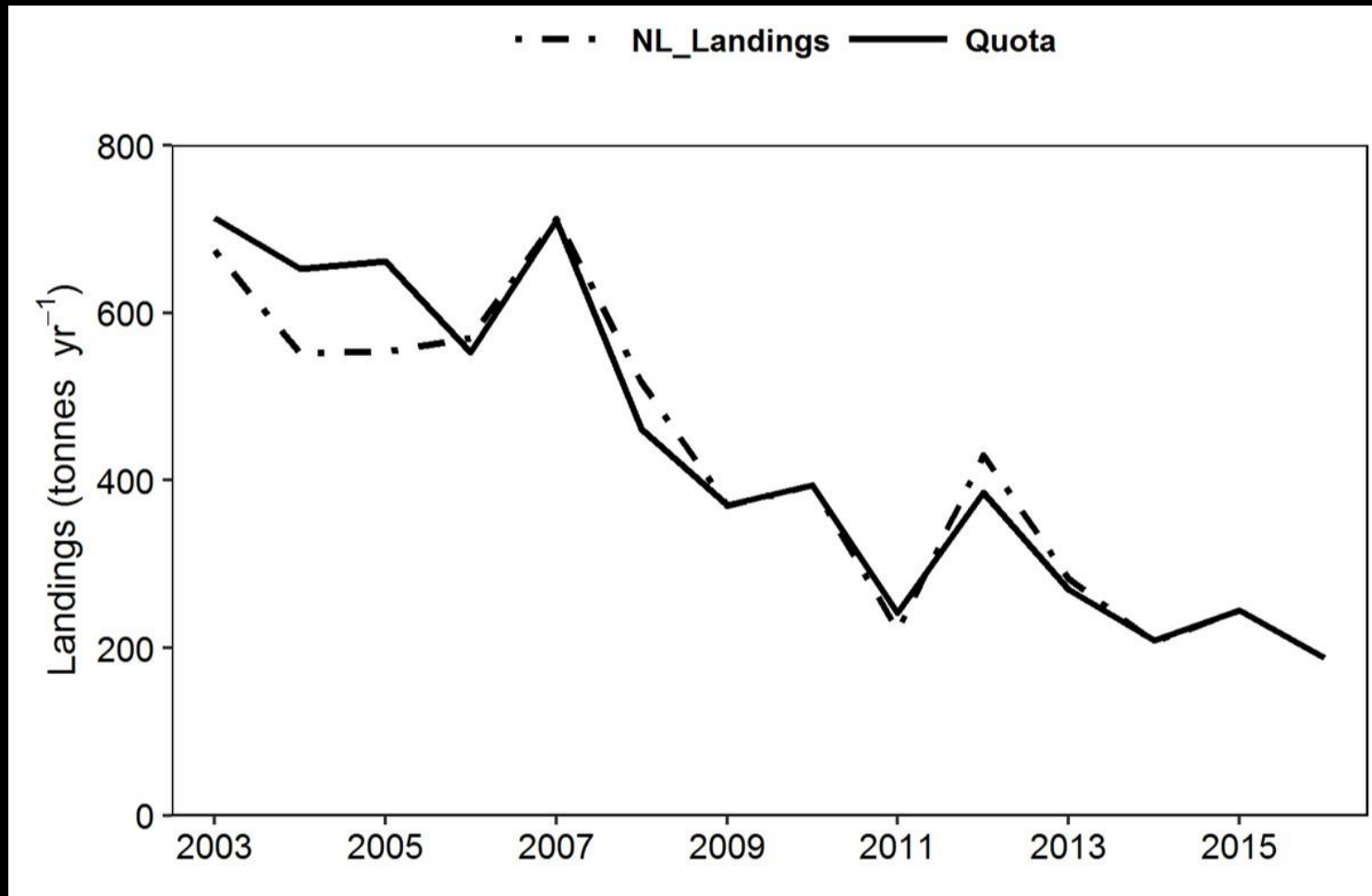
Progressive reduction of TAC

- Group TAC
- Precautionary principle



Progressive reduction of landings

- Producer Organisations take measures



PO-measures



- MLS of 55 cm
- 2014 -> max 35 kg
- 2015 -> 100 kg to 175 kg
- 2016 -> 175 kg to 40 kg

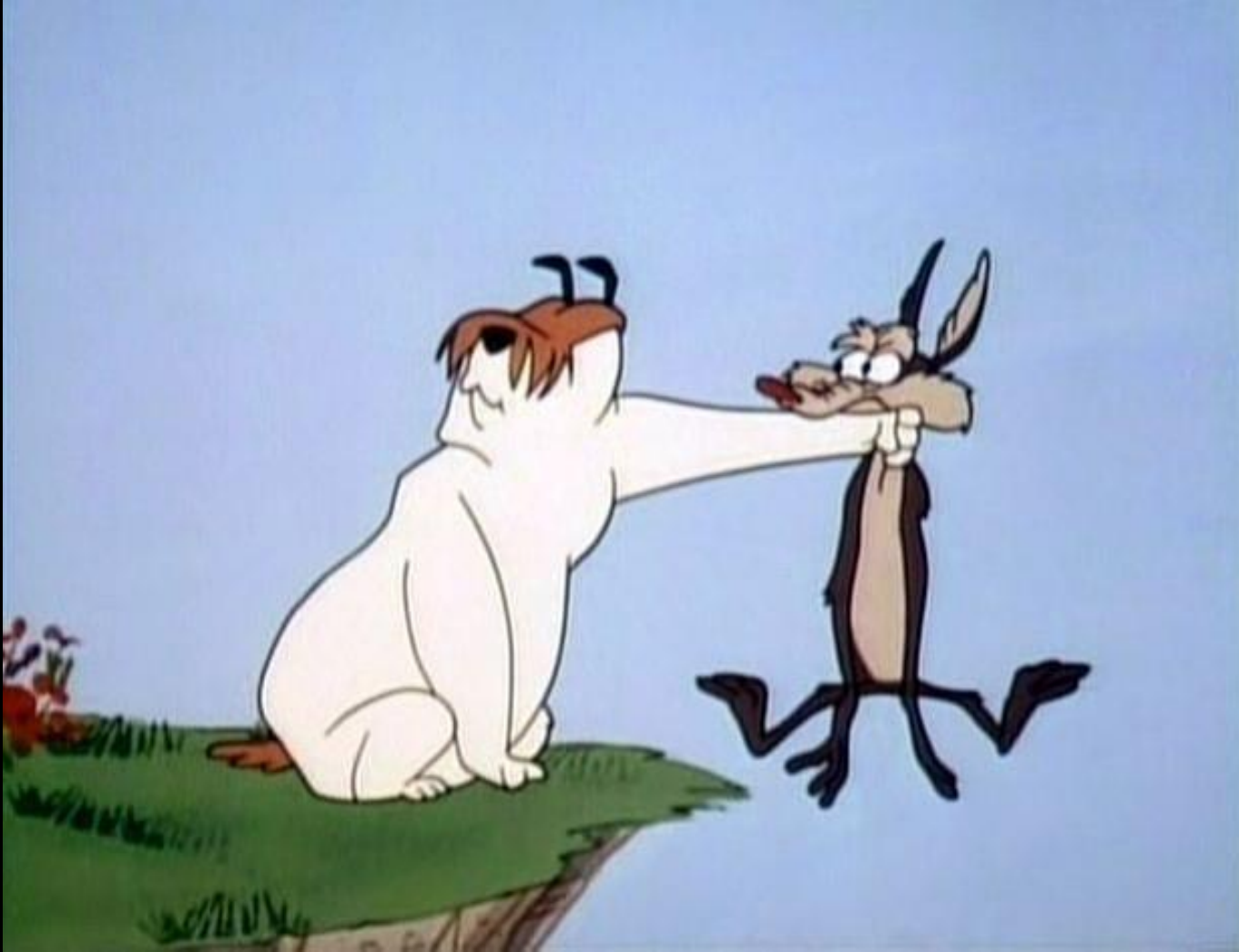
Eastern English Channel

- Quota = 5T
 - Max 250kg per year

Other areas (NWW)

- Quota = 3T
 - Max 150kg per year

Landing obligation – Choke species



Support by anecdotal information

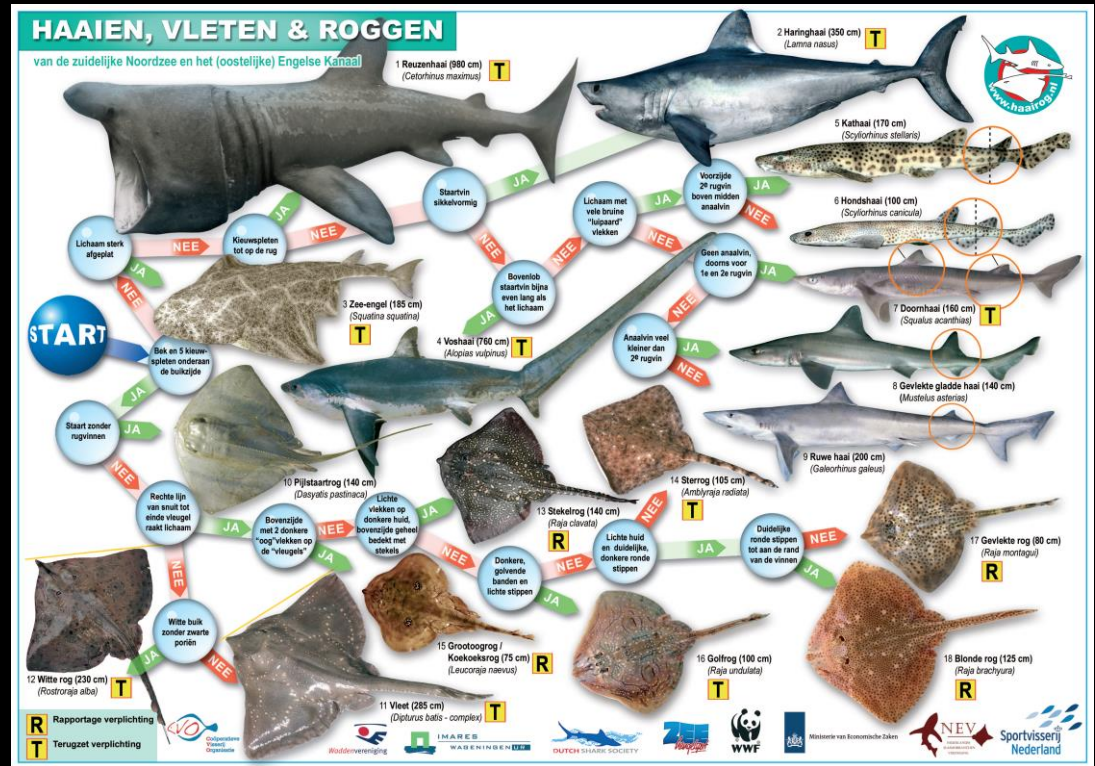


Knowledge gap!

Initiatives

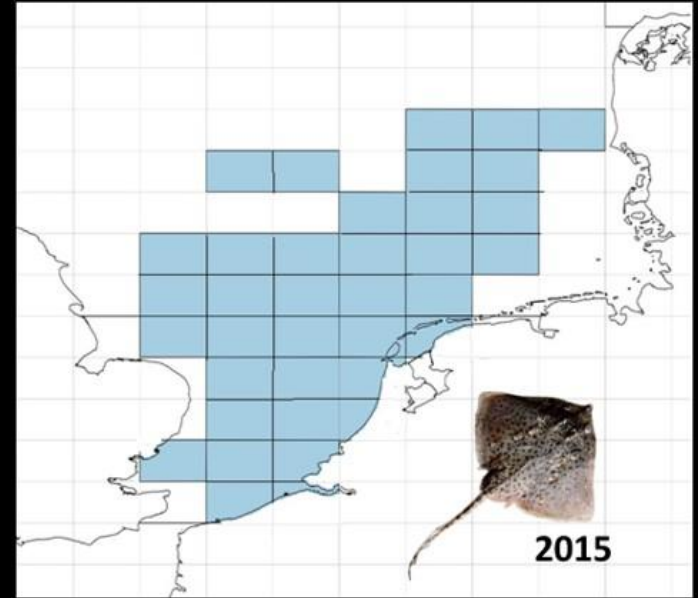
- ETP-registration (2015)
- List of species defined in collaboration with NGOs

Group	No.	English name
Sea mammals	1	Harbour porpoise
	2	Common seal
	3	Grey seal
Sharks	4	Spurdog
	5	Tope
	6	Basking Shark
	7	Porbeagle shark
	8	Angel shark
	9	Tresher shark
	10	Starry skate
	11	Thornback skate
Rays	12	Undulate ray
	13	Skate
	14	White skate
Fish	15	Sturgeon
	16	Shad



Initiatives

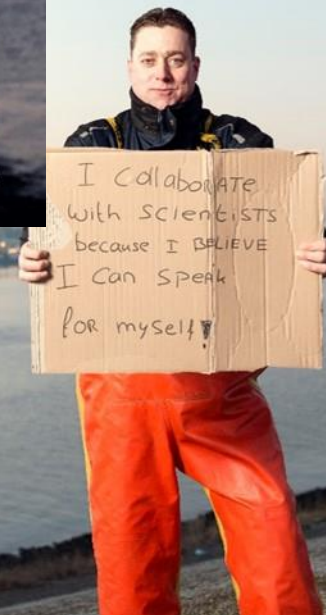
- ETP-registration (2015)
 - Thornback ray
 - Other elasmobranchs
- Self-sampling
 - 23 vessels
 - 132 trips (263 hauls)
- EMFF-projects (2016 -2018)
 - Survival
 - Discard pilot-trips



Data-collection needs incentives



Hugo Schuitemaker



Hugo Schuitemaker

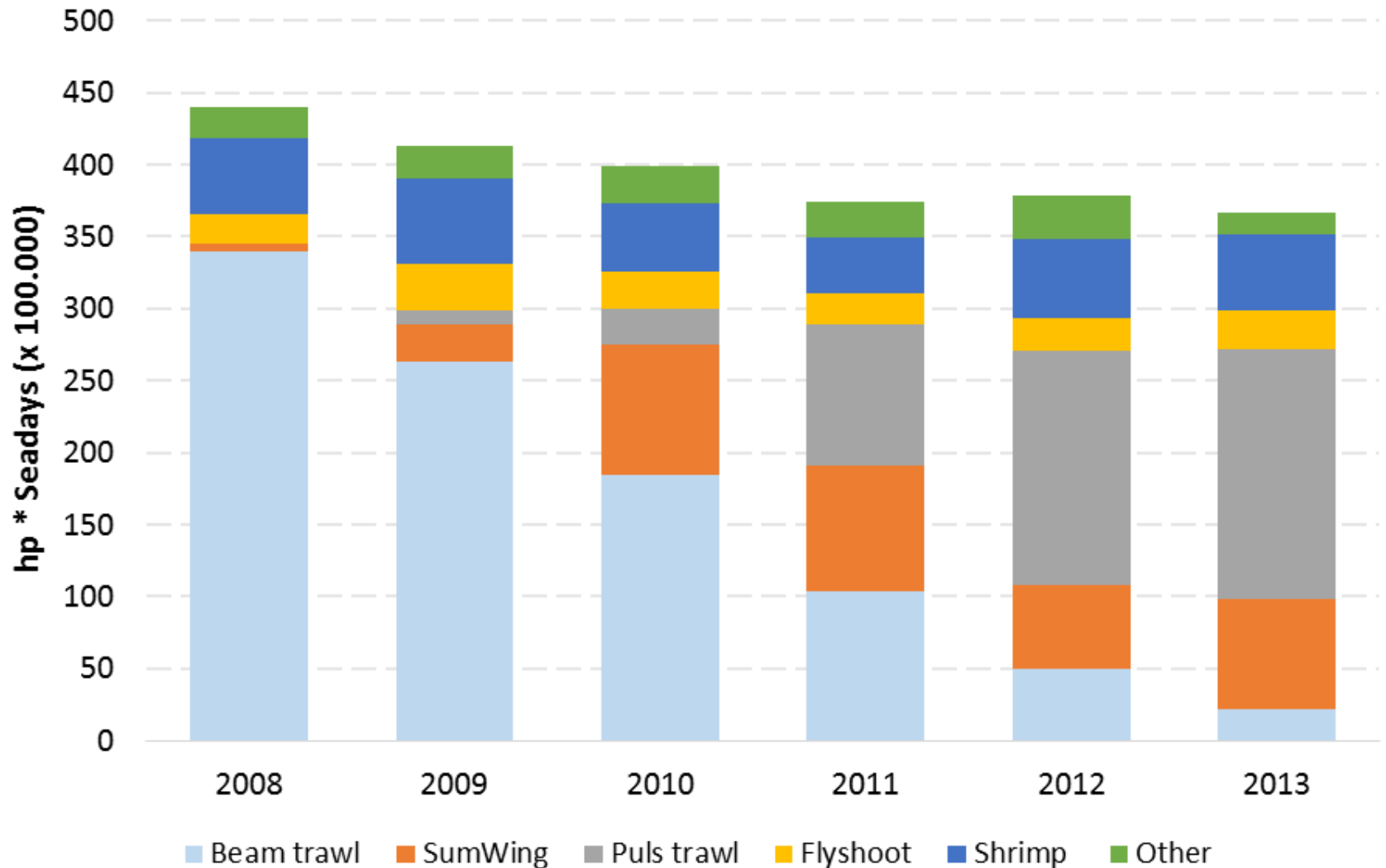
Thank you!



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Transition in the flatfish fishery



(Dutch Agriculture and Economics Institute. LEI)